LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.693	640	647	649	rVV2	286223	474699	0.59%	0.066%
2	6.728	649	653	666	rVB	978743	1778705	2.21%	0.246%
3	6.887	674	680	687	rBV	1061581	1641815	2.04%	0.227%
4	7.081	699	713	724	rVV	1242345	2087278	2.60%	0.289%
5	7.540	783	791	799	rBV	1868922	2929390	3.64%	0.406%
6	7.787	825	833	841	rBV	526855	967236	1.20%	0.134%
7	8.257	903	913	925	rVV	1609561	2765697	3.44%	0.383%
8	8.693	980	987	997	rVV	1335086	2286034	2.84%	0.317%
9	8.869	1009	1017	1023	rBV	713319	1097028	1.36%	0.152%
10	9.410	1100	1109	1116	rBV	1029552	1756980	2.18%	0.243%
11	9.681	1150	1155	1160	rVV	164389	272365	0.34%	0.038%
12	9.946	1194	1200	1212	rVB	1688603	2908463	3.62%	0.403%
13	10.316	1256	1263	1269	rBV	2805091	4598783	5.72%	0.637%
14	10.463	1277	1288	1294	rBV	143956	315340	0.39%	0.044%
15	10.563	1298	1305	1314	rBV	172270	454432	0.57%	0.063%
16	11.157	1400	1406	1415	rVV	394781	733668	0.91%	0.102%
17	11.281	1415	1427	1438	rVV7	192350	650589	0.81%	0.090%
18	11.975	1539	1545	1552	rBV3	171969	334508	0.42%	0.046%
19	12.534	1635	1640	1649	rVB	640146	1064673	1.32%	0.147%
20	12.692	1663	1667	1683	rVB	255667	564845	0.70%	0.078%
21	13.334	1766	1776	1789	rBV	791584	1710787	2.13%	0.237%
22	13.487	1796	1802	1806	rBV	284470	469665	0.58%	0.065%
23	13.616	1818	1824	1829	rBV	3378476	4735142	5.89%	0.656%
24	13.663	1829	1832	1837	rVB	783454	989264	1.23%	0.137%
25	13.886	1862	1870	1882	rBV	4165597	6250003	7.77%	0.866%
26	14.198	1915	1923	1931	rBV	4326885	7066040	8.79%	0.979%
27	14.269	1931	1935	1942	rVV7	144983	279055	0.35%	0.039%
28	14.469	1965	1969	1976	rVB3	471925	824594	1.03%	0.114%
29	14.681	2001	2005	2009	rVB2	571065	770543	0.96%	0.107%
30	15.039	2059	2066	2070	rBV2	648991	1047809	1.30%	0.145%
31	15.081	2070	2073	2078	rVB2	288849	348955	0.43%	0.048%
32	15.198	2086	2093	2098	rBV	4868286	7139442	8.88%	0.989%
33	15.328	2110	2115	2122	rVB	775461	1057075	1.31%	0.146%
34	15.598	2156	2161	2166	rBV2	3804405	5843262	7.27%	0.809%

LSC Area Percent Report

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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	15.639	2166	2168	2172	rVV	729641	894891	1.11%	0.124%
36	15.680	2172	2175	2179	rVB	494112	588339	0.73%	0.081%
37	15.728	2179	2183	2186	rBV	445850	630701	0.78%	0.087%
38	15.769	2186	2190	2196	rVV3	607793	1106661	1.38%	0.153%
39	15.839	2196	2202	2208	rVB	14215697	19196380	23.87%	2.659%
40	15.963	2213	2223	2230	rVB5	491627	1458368	1.81%	0.202%
41	16.104	2243	2247	2253	rVB5	173174	286421	0.36%	0.040%
42	16.257	2270	2273	2277	rVB2	204225	274106	0.34%	0.038%
43	16.310	2278	2282	2287	rBV7	198434	377836	0.47%	0.052%
44	16.380	2291	2294	2298	rVV	311648	370884	0.46%	0.051%
45	16.680	2341	2345	2350	rVB4	276661	450186	0.56%	0.062%
46	16.739	2351	2355	2358	rBV2	361027	492706	0.61%	0.068%
47	16.851	2369	2374	2380	rBV	1899256	2706944	3.37%	0.375%
48	16.945	2385	2390	2395	rBV	4674837	6609560	8.22%	0.915%
49	17.045	2400	2407	2417	rVB	4768826	7705944	9.58%	1.067%
50	17.157	2421	2426	2433	rBV	8709595	12343930	15.35%	1.710%
51	17.357	2456	2460	2464	rBV2	866617	1122422	1.40%	0.155%
52	17.416	2466	2470	2474	rVV	640421	1010739	1.26%	0.140%
53	17.463	2474	2478	2489	rVB4	579516	1428652	1.78%	0.198%
54	17.669	2510	2513	2520	rVB3	418318	698316	0.87%	0.097%
55	17.757	2525	2528	2532	rVB2	279015	348314	0.43%	0.048%
56	17.816	2534	2538	2543	rVB	786449	1041526	1.30%	0.144%
57	17.886	2544	2550	2555	rBV	9421241	14046667	17.47%	1.945%
58	18.074	2579	2582	2587	rVB3	529281	666727	0.83%	0.092%
59	18.169	2595	2598	2604	rBV	309231	358545	0.45%	0.050%
60	18.239	2606	2610	2617	rVB	895045	1301987	1.62%	0.180%
61	18.733	2691	2694	2699	rBV	727597	927733	1.15%	0.128%
62	18.816	2704	2708	2717	rVB2	1383874	2107848	2.62%	0.292%
63	19.063	2740	2750	2763	rBV	16685756	30512455	37.94%	4.226%
64	19.180	2765	2770	2784	rVB	8202293	11251100	13.99%	1.558%
65	19.351	2794	2799	2803	rBV	4183364	5876666	7.31%	0.814%
66	19.892	2888	2891	2895	rBV	3483035	4474947	5.56%	0.620%
67	19.933	2895	2898	2902	rVB	6735352	7214710	8.97%	0.999%
68	20.257	2950	2953	2957	rBV3	1205777	1564539	1.95%	0.217%
69	20.298	2958	2960	2965	rVB	1141764	1305095	1.62%	0.181%
70	20.427	2976	2982	2986	rBV2	2342681	3424382	4.26%	0.474%
71	20.598	3009	3011	3016	rVB	1138045	1191457	1.48%	0.165%

LSC Area Percent Report

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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	20.686	3022	3026	3028	rBV	3327355	4048243	5.03%	0.561%
73	20.715	3028	3031	3037	rVB	3775588	4579514	5.69%	0.634%
74	20.898	3056	3062	3067	rBV2	27604483	39847253	49.54%	5.519%
75	20.968	3071	3074	3081	rVB	3730874	4601608	5.72%	0.637%
76	21.086	3091	3094	3099	rVB	7589765	8762548	10.90%	1.214%
77	21.145	3101	3104	3109	rVV	3698736	4651136	5.78%	0.644%
78	21.327	3132	3135	3139	rBV	4312857	5099005	6.34%	0.706%
79	21.421	3148	3151	3155	rVB	1607030	1790063	2.23%	0.248%
80	21.504	3161	3165	3167	rBV	4386097	4838435	6.02%	0.670%
81	21.645	3186	3189	3191	rBV2	1235691	1430774	1.78%	0.198%
82	21.768	3203	3210	3220	rBV2	39799893	67936141	84.47%	9.409%
83	22.062	3256	3260	3267	rBV	4052178	5797423	7.21%	0.803%
84	22.204	3281	3284	3286	rBV	2062671	2387700	2.97%	0.331%
85	22.421	3317	3321	3325	rBV	9362763	12613326	15.68%	1.747%
86	22.704	3363	3369	3372	rBV	21936852	39008597	48.50%	5.403%
87	22.745	3372	3376	3385	rVB	26866308	43608582	54.22%	6.040%
88	23.180	3446	3450	3455	rVB	2694018	4053564	5.04%	0.561%
89	23.309	3466	3472	3483	rVB	3332655	8192080	10.19%	1.135%
90	23.539	3506	3511	3518	rVB	5600282	9933774	12.35%	1.376%
91	23.862	3560	3566	3572	rVB	5999524	11751627	14.61%	1.628%
92	23.939	3573	3579	3587	rBV	11641732	22809908	28.36%	3.159%
93	24.045	3593	3597	3611	rVB	2905047	6039712	7.51%	0.836%
94	25.550	3848	3853	3862	rVB2	2542833	5904459	7.34%	0.818%
95	26.280	3963	3977	3990	rBV3	22856182	80426605	100.00%	11.139%
96	26.797	4059	4065	4082	rVB6	3691285	15157950	18.85%	2.099%
97	26.968	4088	4094	4107	rVB2	3016299	9723745	12.09%	1.347%
98	27.133	4112	4122	4143	rVB3	9241868	35344095	43.95%	4.895%
99	27.468	4172	4179	4186	rBV7	2610260	8751882	10.88%	1.212%
100	27.768	4219	4230	4244	rVB2	10088967	37364246	46.46%	5.175%

Sum of corrected areas: 722036843

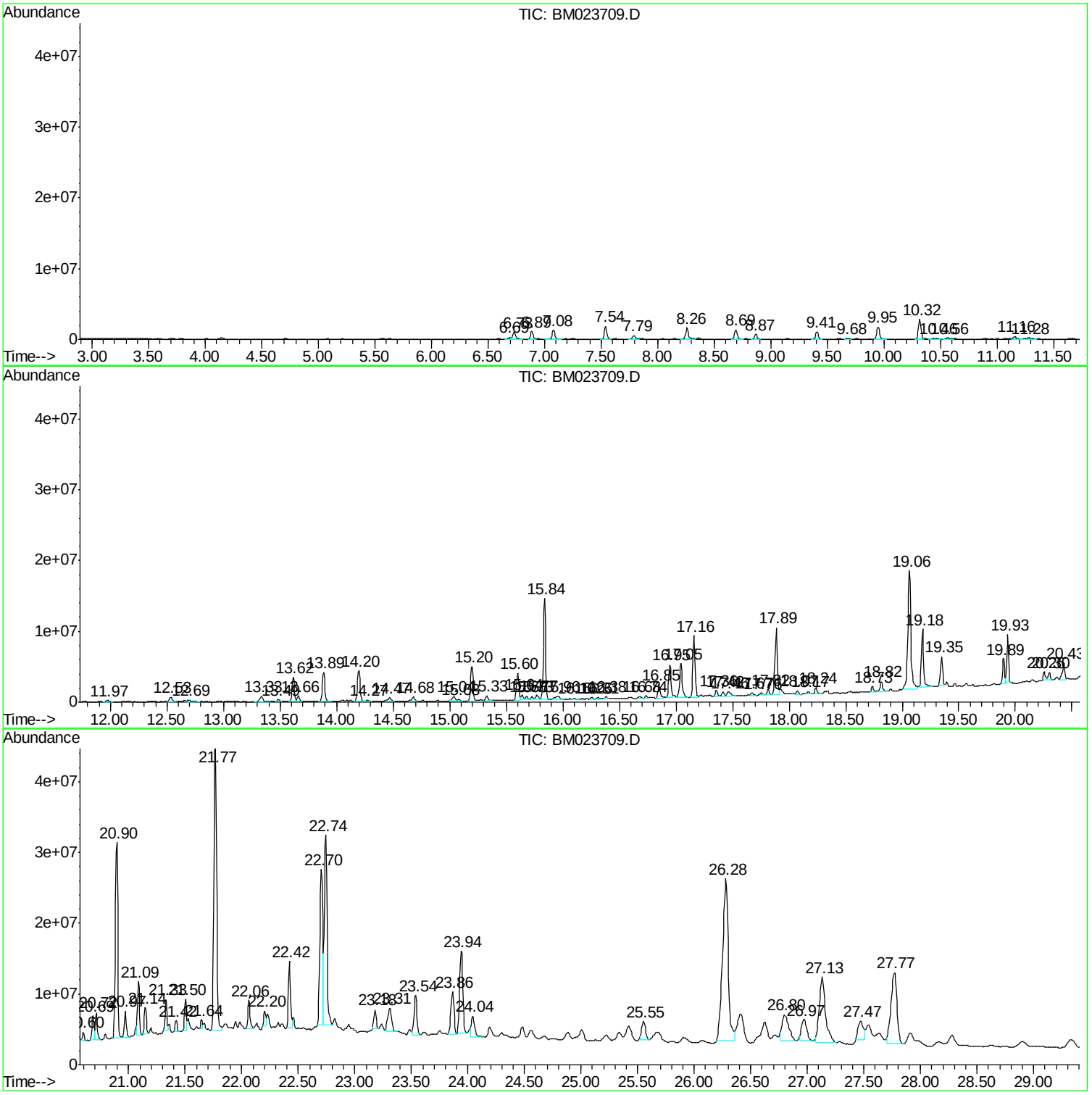
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

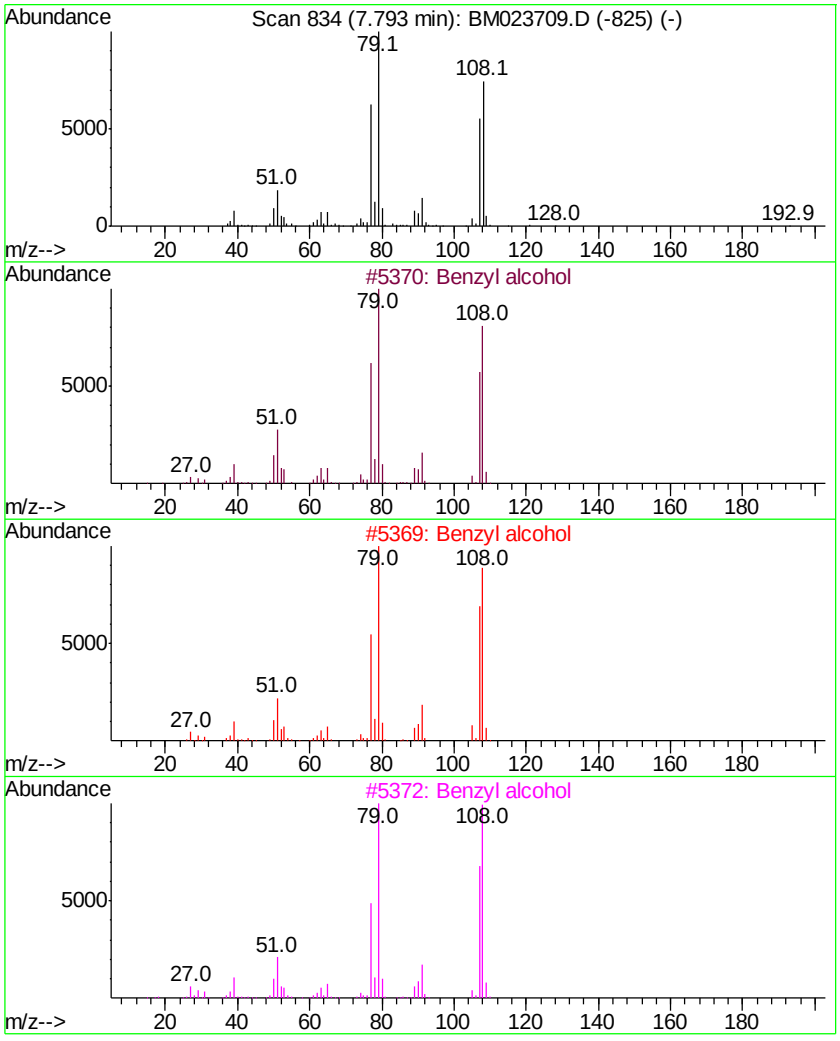
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

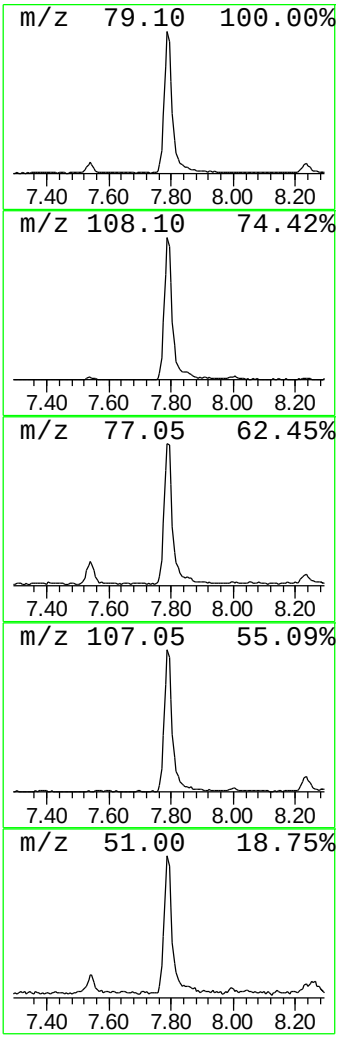
****

Peak Number 1 Benzyl alcohol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	6.60 ng/ul	967236	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol	108	C7H8O	000100-51-6	97
2	Benzyl alcohol	108	C7H8O	000100-51-6	96
3	Benzyl alcohol	108	C7H8O	000100-51-6	96
4	Benzyl alcohol	108	C7H8O	000100-51-6	96
5	N-.alpha.,N-.omega.-Di-cbz-L-arg...	442	C22H26N4O6	053934-75-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

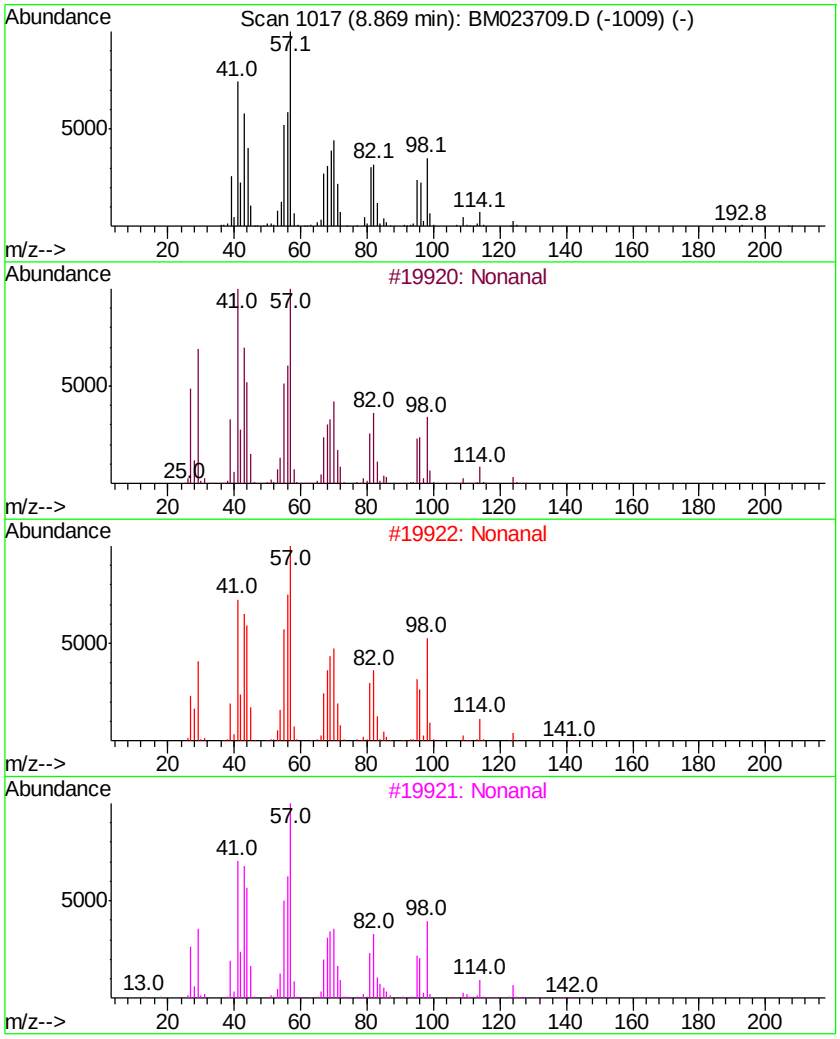
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

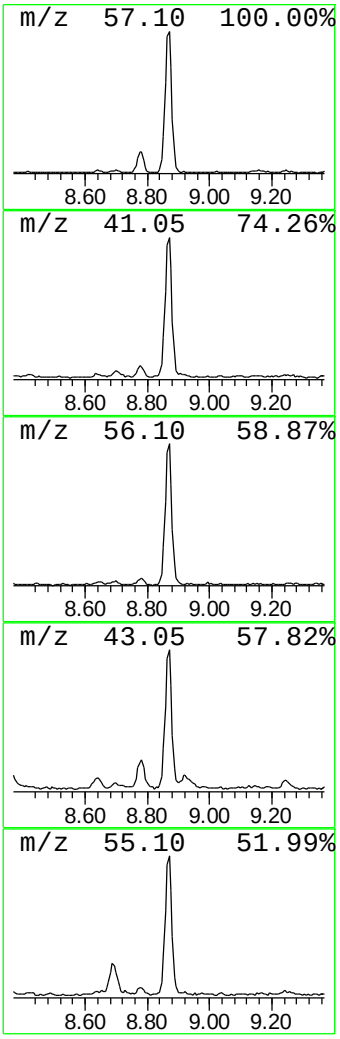
****

Peak Number 2 Nonanal Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	7.49 ng/ul	1097030	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	Nonanal	142	C9H18O	000124-19-6	72
3	Nonanal	142	C9H18O	000124-19-6	72
4	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	46
5	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38





Library Search Compound Report

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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

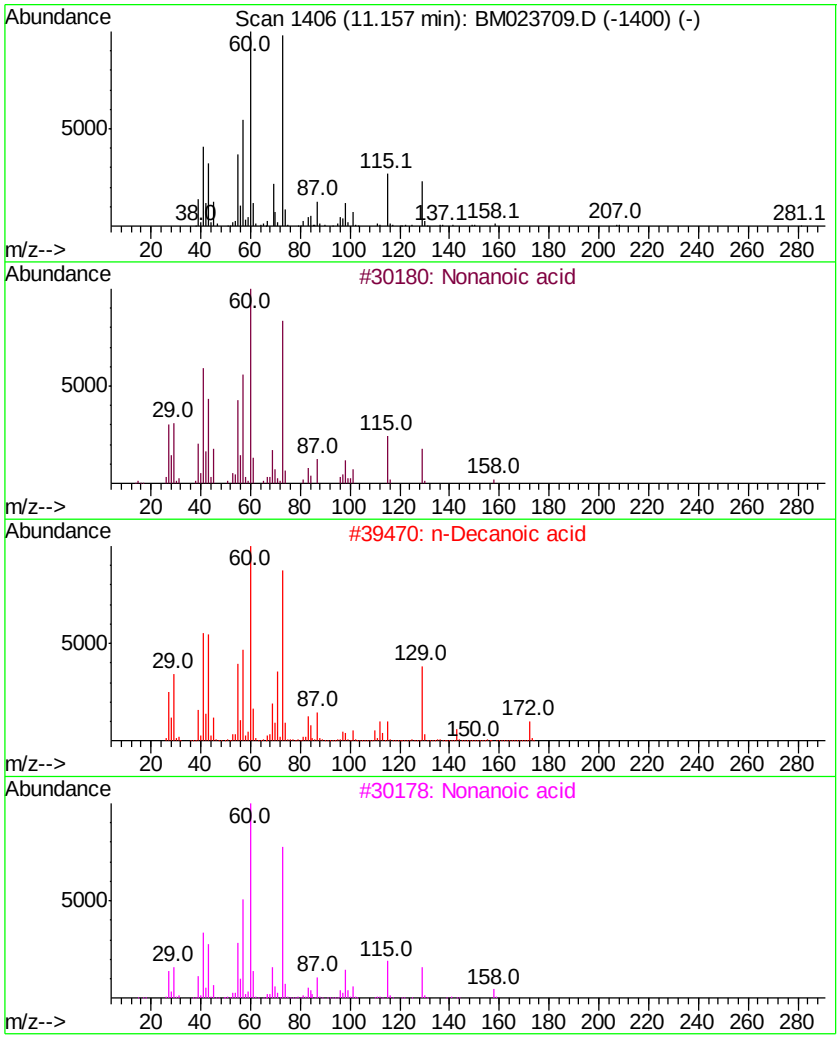
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

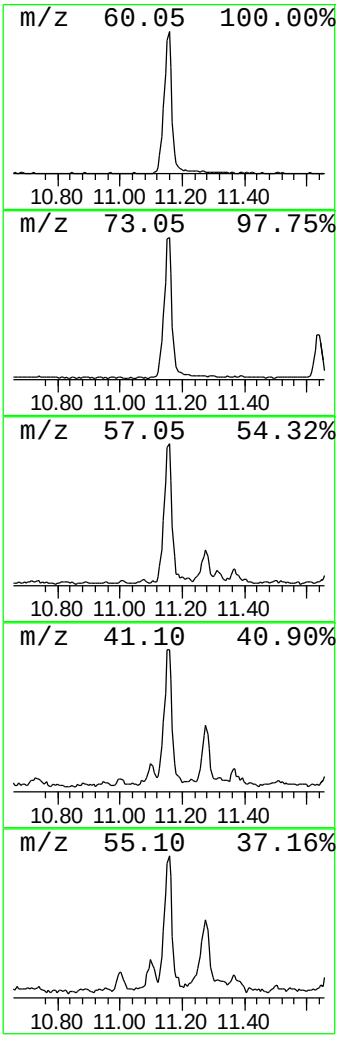
****

Peak Number 3 Nonanoic acid Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.19 ng/ul	733668	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

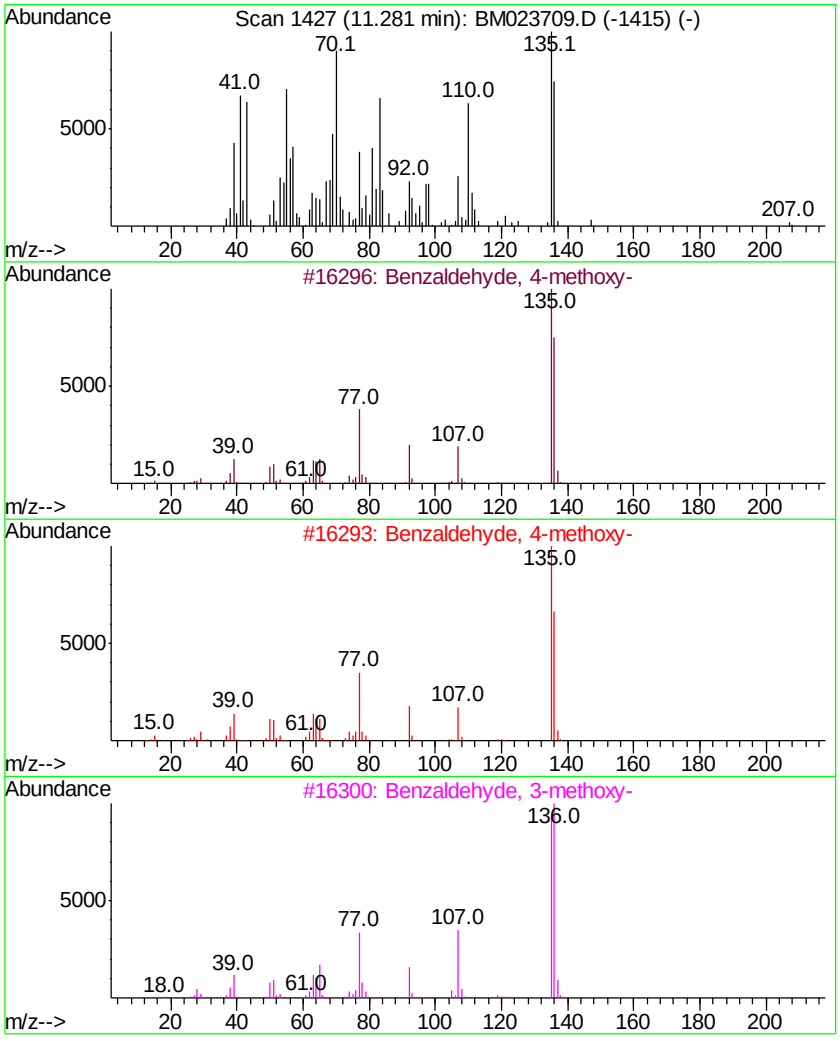
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

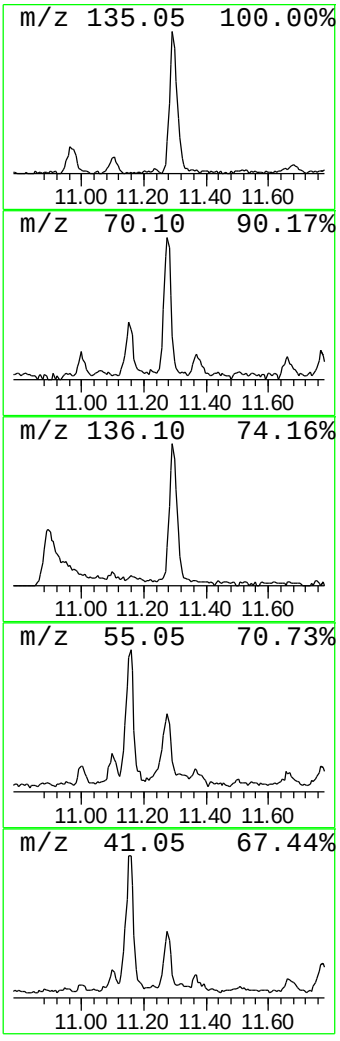
****

Peak Number 4 Benzaldehyde, 4-methoxy- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.83 ng/ul	650589	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	66
2	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	46
3	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	46
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	46
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	41





Library Search Compound Report

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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

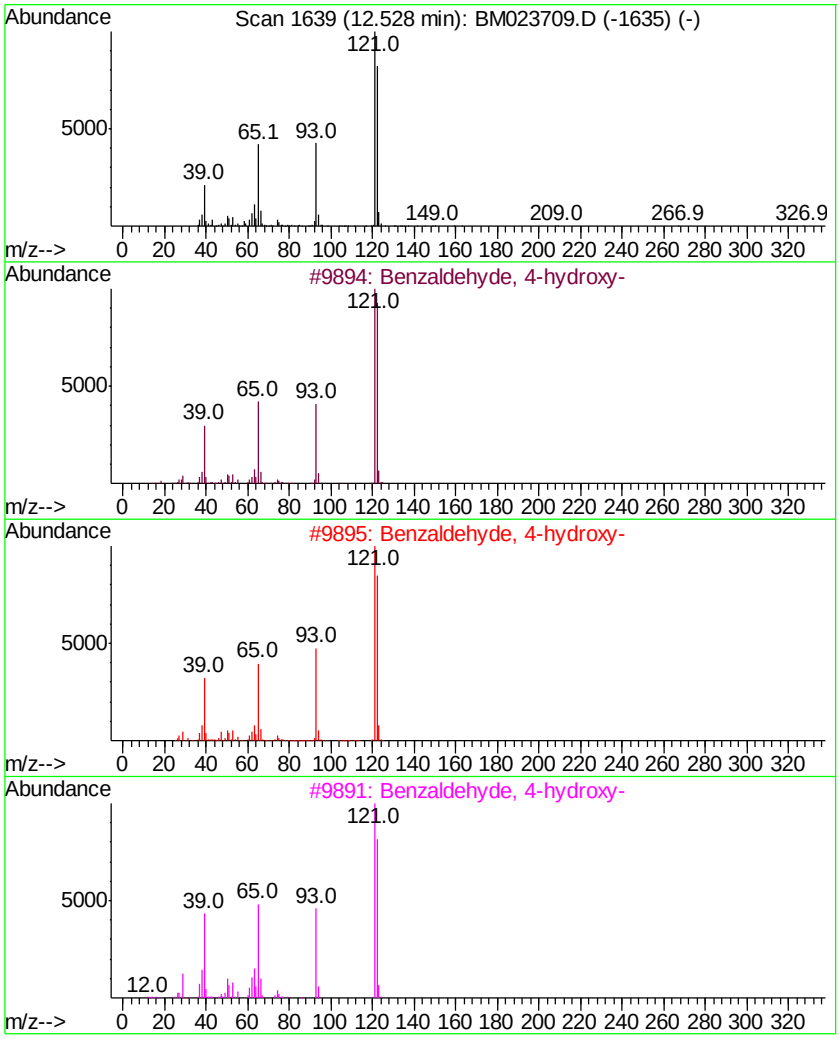
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

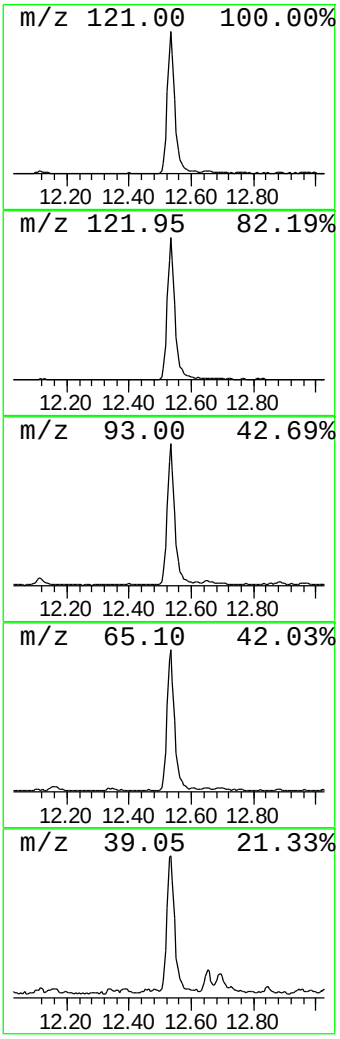
****

Peak Number 5 Benzaldehyde, 4-hydroxy- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.01 ng/ul	1064670	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	97
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	94
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	91
4	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	83
5	Propanoic acid, 3-chloro-, 4-for...	212	C10H9ClO3	1000142-41-5	83





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Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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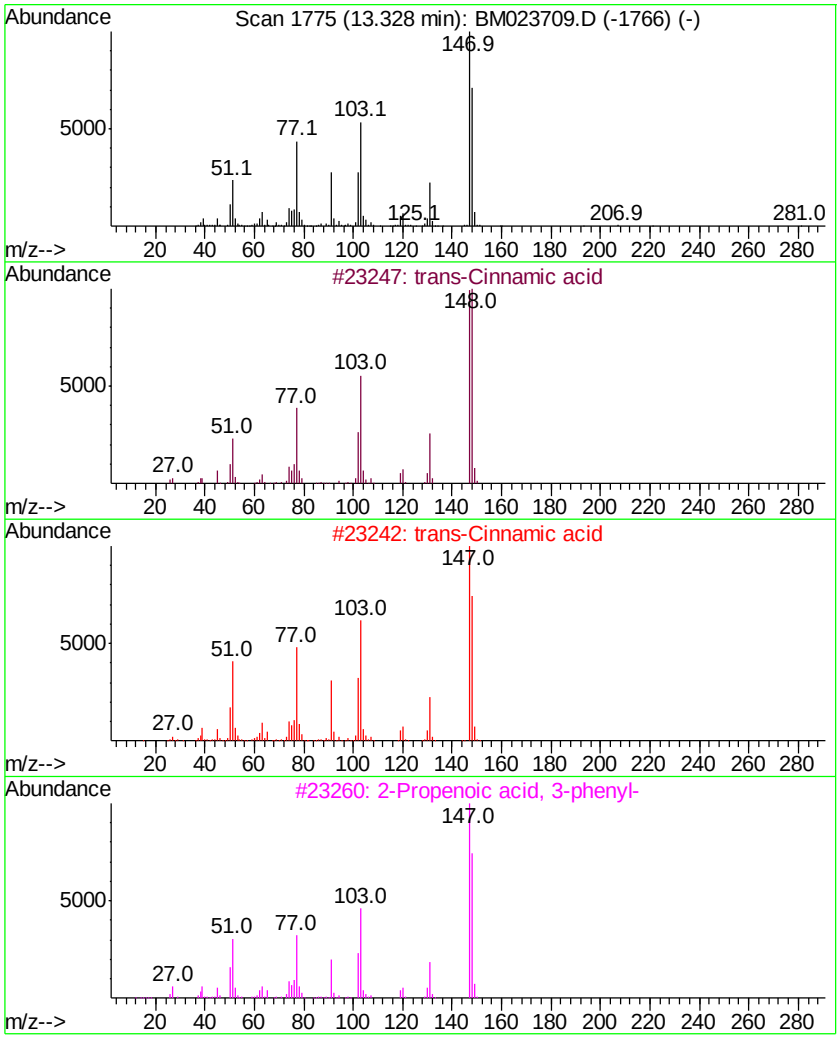
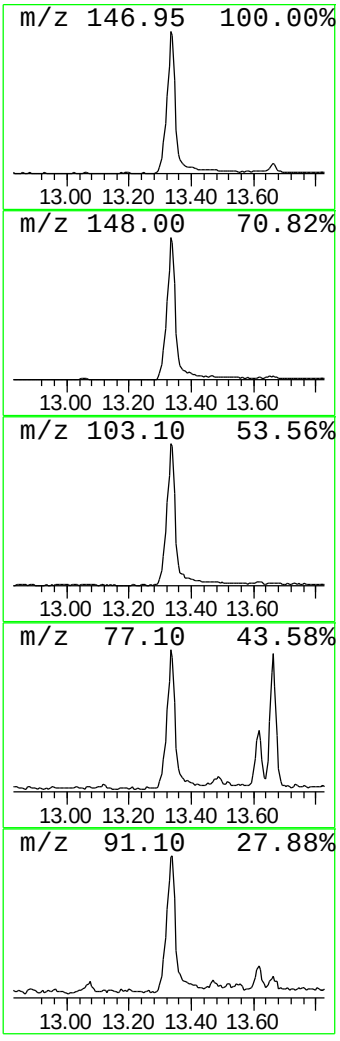
Peak Number 6 trans-Cinnamic acid Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	4.84 ng/ul	1710790	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamic acid	148	C9H8O2	000140-10-3	96
2	trans-Cinnamic acid	148	C9H8O2	000140-10-3	96
3	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	95
4	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	94
5	(Z)-3-Phenyl-2-propenoic acid	148	C9H8O2	000102-94-3	94





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Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

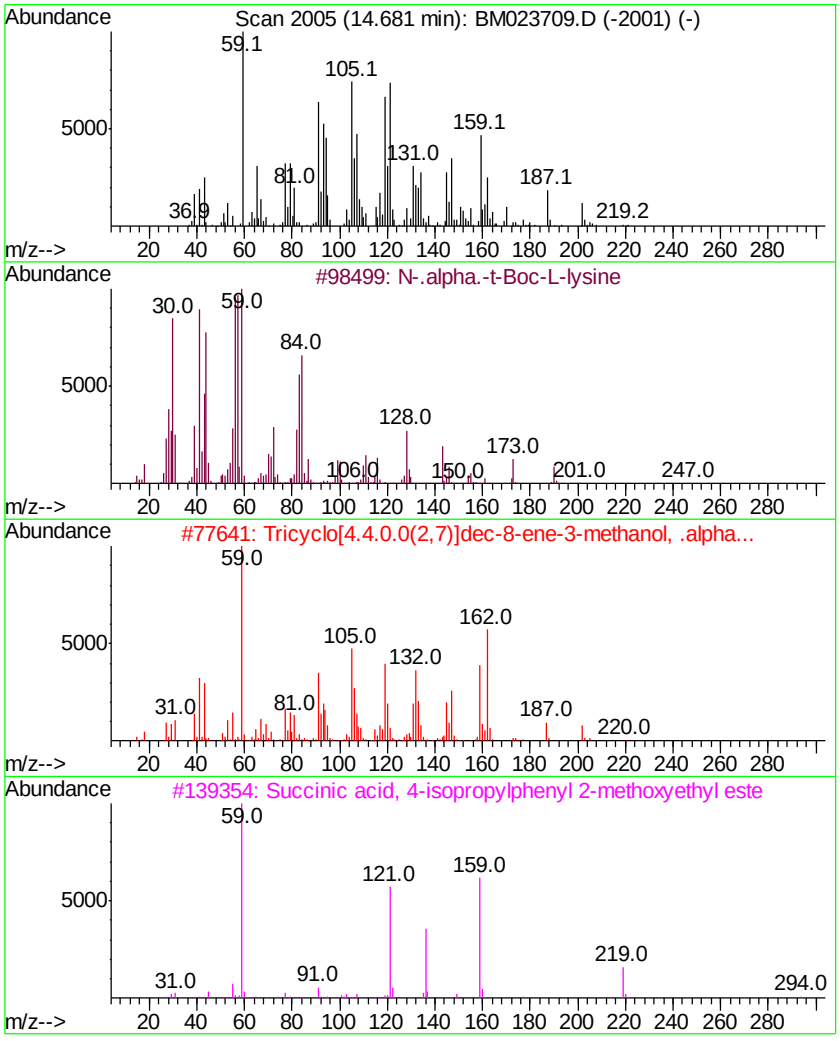
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

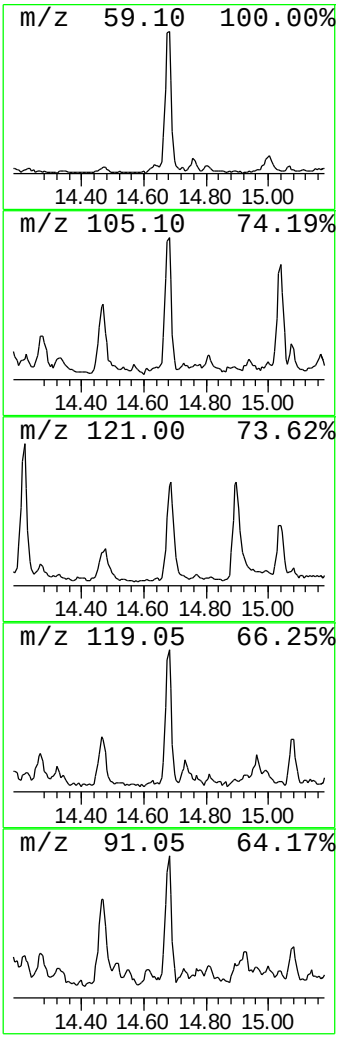
****

Peak Number 7 N-.alpha.-t-Boc-L-lysine Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.18 ng/ul	770543	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-.alpha.-t-Boc-L-lysine	246	C11H22N2O4	013734-28-6	90
2	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	49
3	Succinic acid, 4-isopropylphenyl...	294	C16H22O5	1000360-71-4	22
4	Tricyclo[3.1.0.0(2,4)]hexane, 3,...	136	C10H16	058987-01-2	11
5	Pyridine, 4-propyl-	121	C8H11N	001122-81-2	11





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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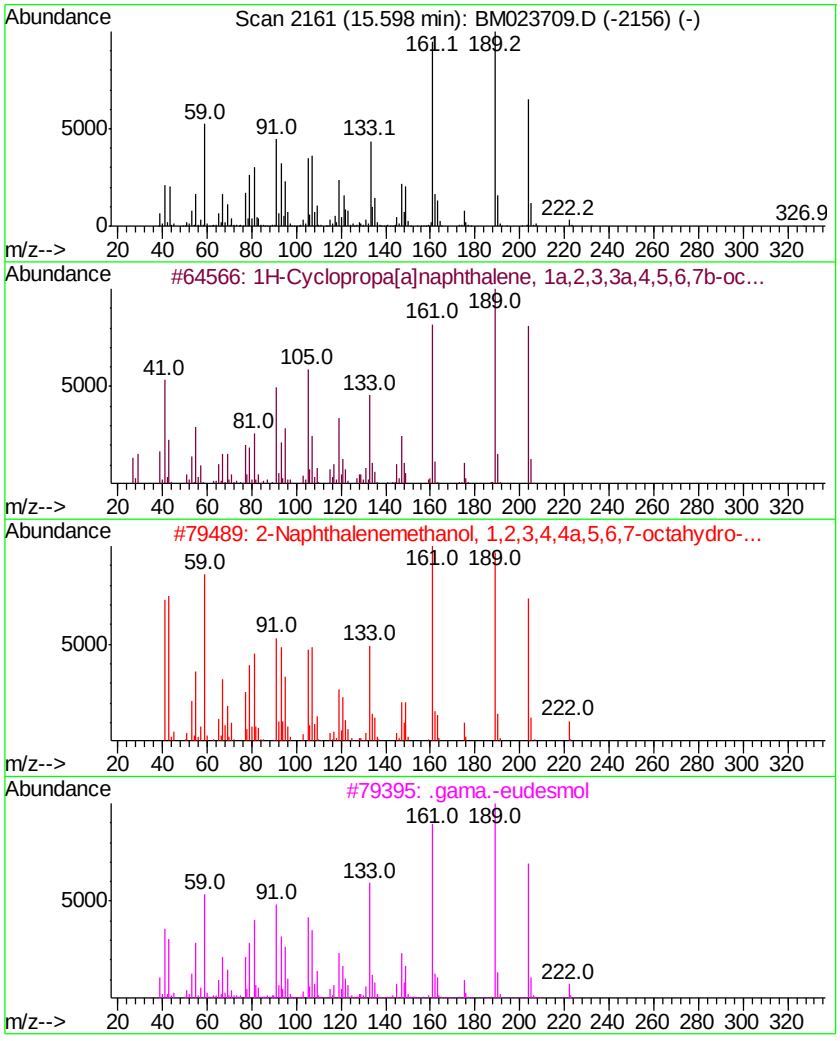
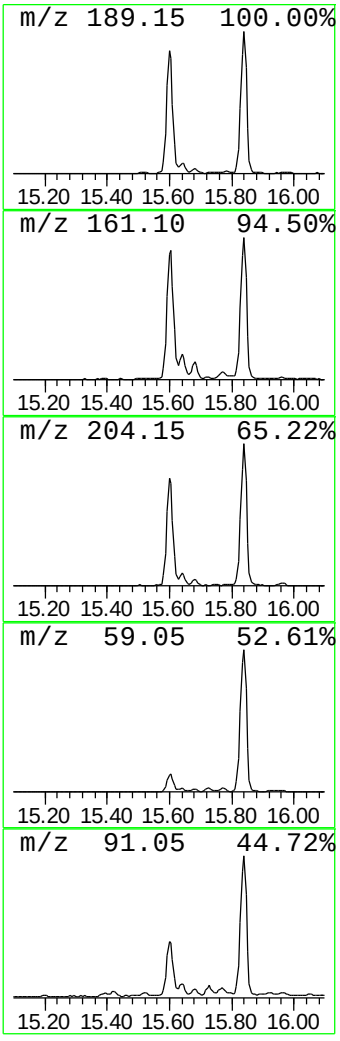
Peak Number 8 1H-Cyclopropa[a]naphthalene... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	17.68 ng/ul	5843260	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	93
2	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	91
3	.gama.-eudesmol	222	C15H26O	1000374-18-5	91
4	.delta.-Selinene	204	C15H24	028624-23-9	89
5	4,7-Methanoazulene, 1,2,3,4,5,6,...	204	C15H24	000514-51-2	86





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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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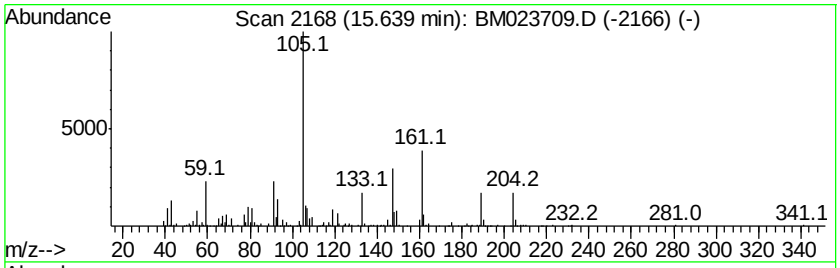
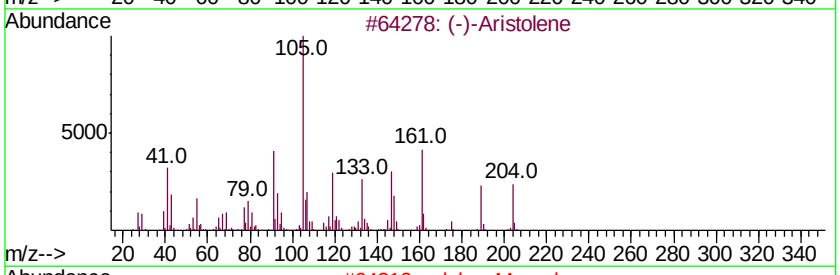
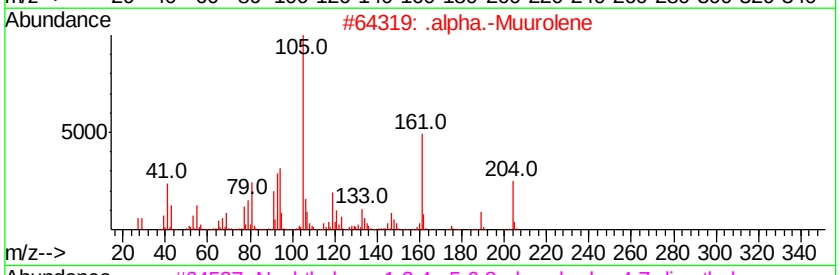
Peak Number 9 (-)-Aristolene Concentration Rank 50

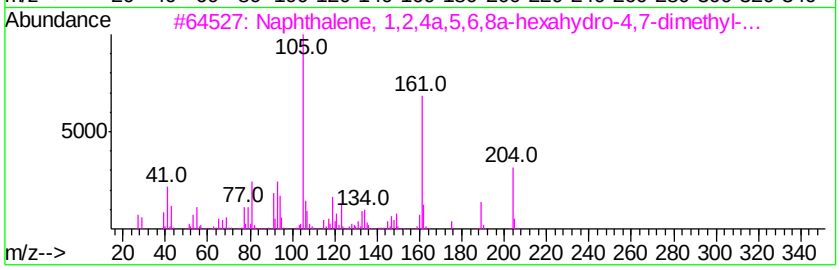
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.71 ng/ul	894891	Phenanthrene-d10	16.95

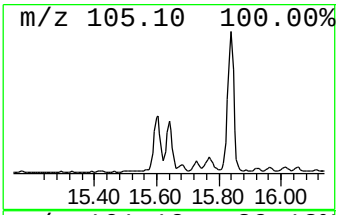
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Aristolene	204	C15H24	006831-16-9	58
2	.alpha.-Muurolene	204	C15H24	010208-80-7	52
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	46
4	.alpha.-Muurolene	204	C15H24	031983-22-9	43
5	(-)-Aristolene	204	C15H24	006831-16-9	43

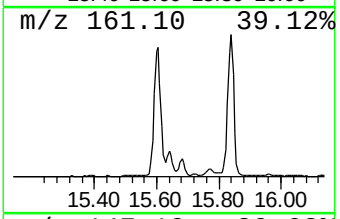


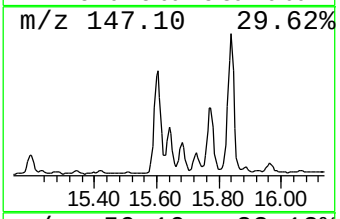


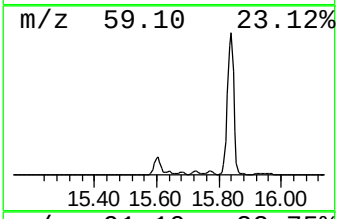


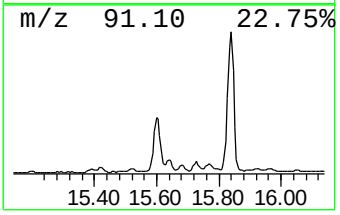












Library Search Compound Report

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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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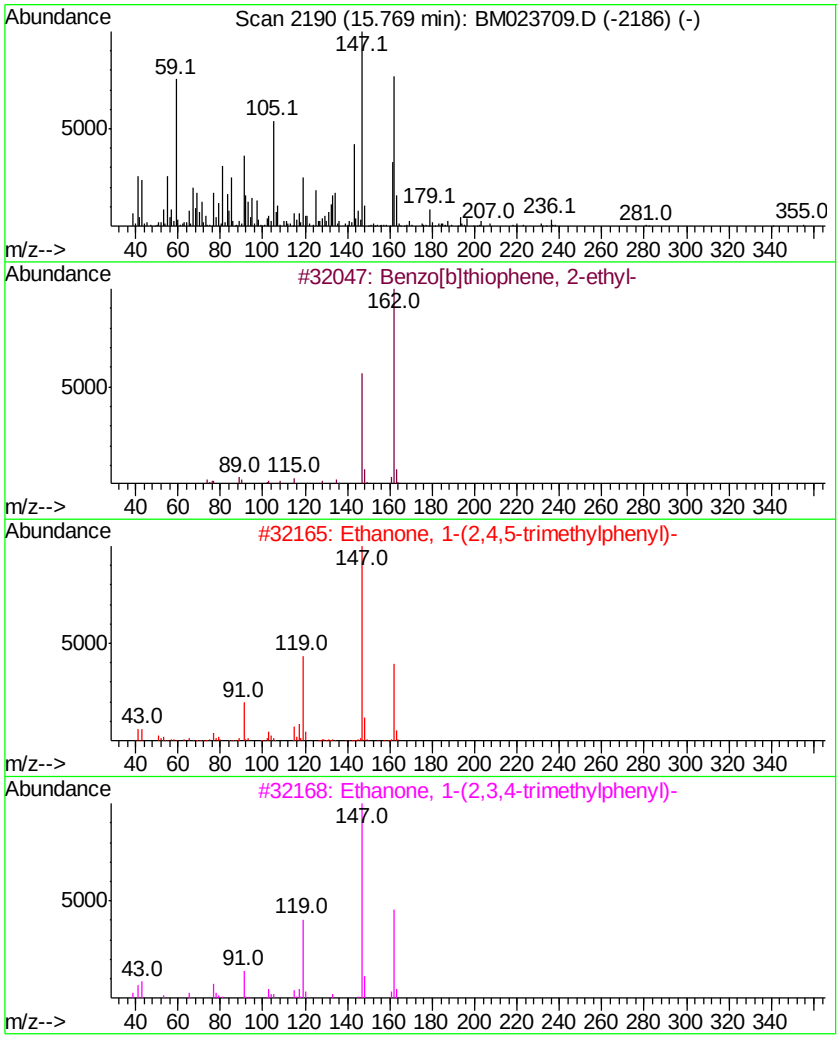
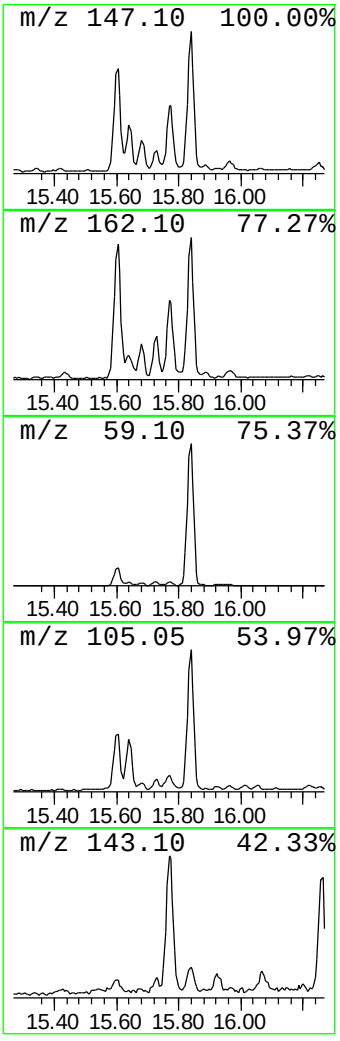
Peak Number 10 Benzo[b]thiophene, 2-ethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.35 ng/ul	1106660	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-ethyl-	162	C10H10S	001196-81-2	53
2	Ethanone, 1-(2,4,5-trimethylphen...	162	C11H14O	002040-07-5	50
3	Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	49
4	1-(4-Hydroxybenzylidene)acetone	162	C10H10O2	003160-35-8	49
5	5-Hydroxy-3-methyl-1-indanone	162	C10H10O2	057878-30-5	46





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Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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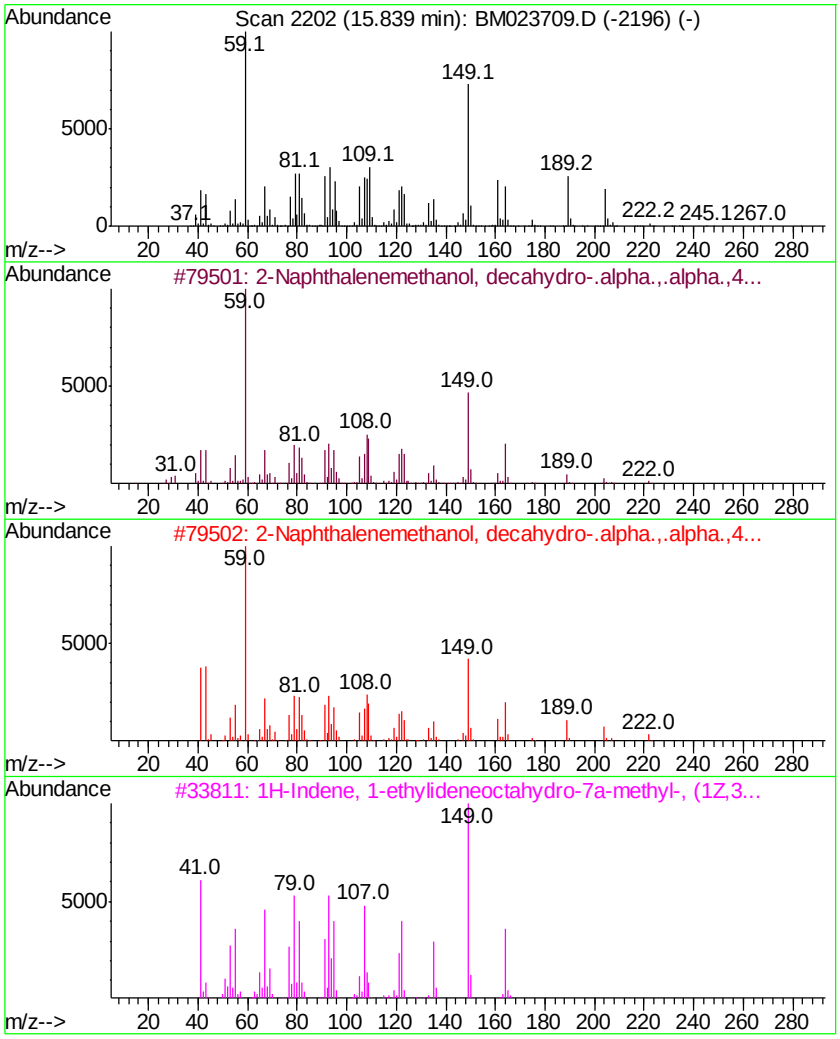
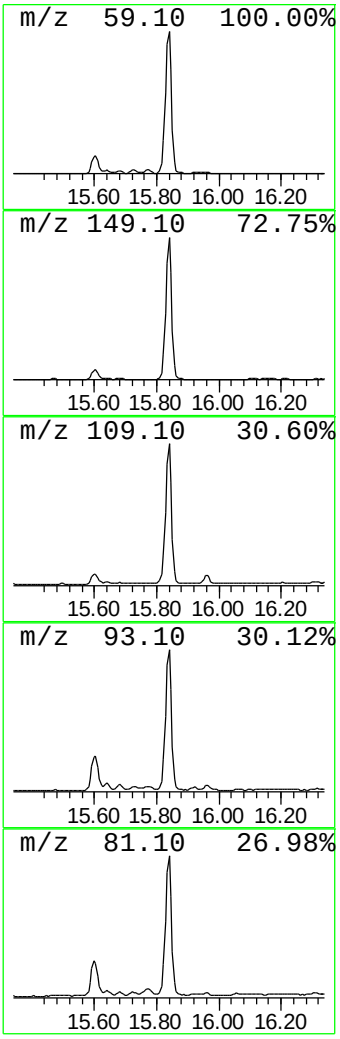
Peak Number 11 2-Naphthalenemethanol, deca... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	58.09 ng/ul	19196400	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	96
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	83
3	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-69-7	55
4	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	52
5	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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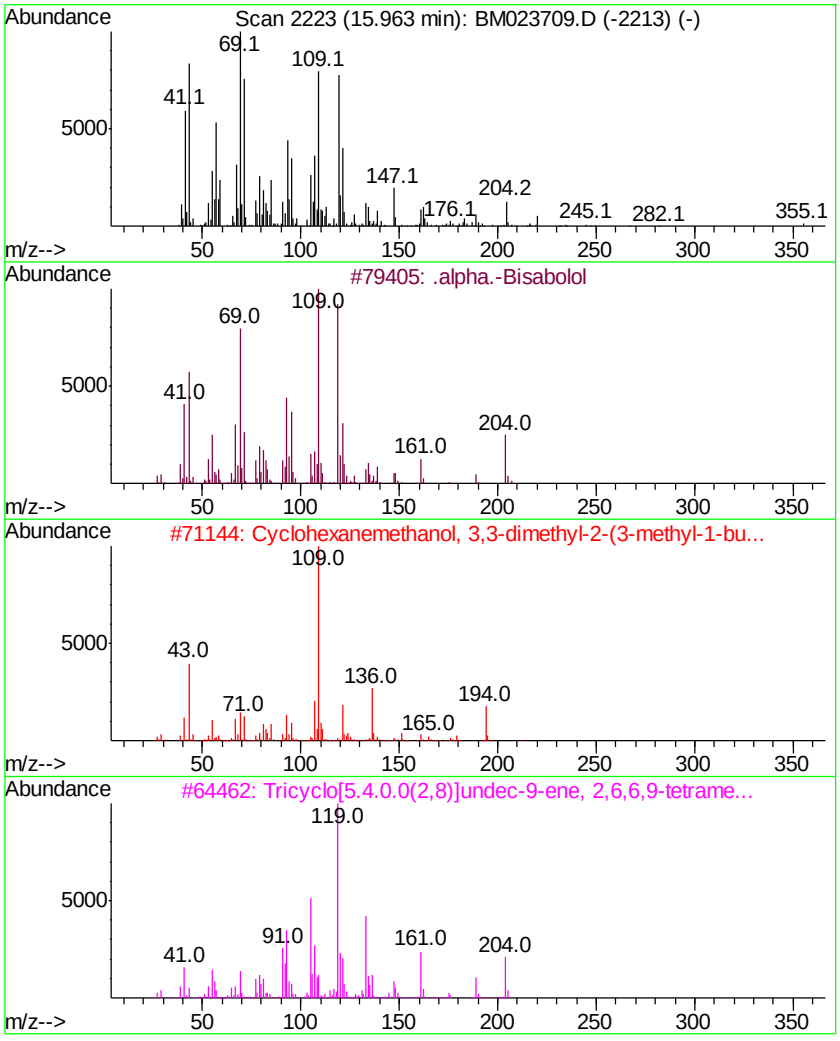
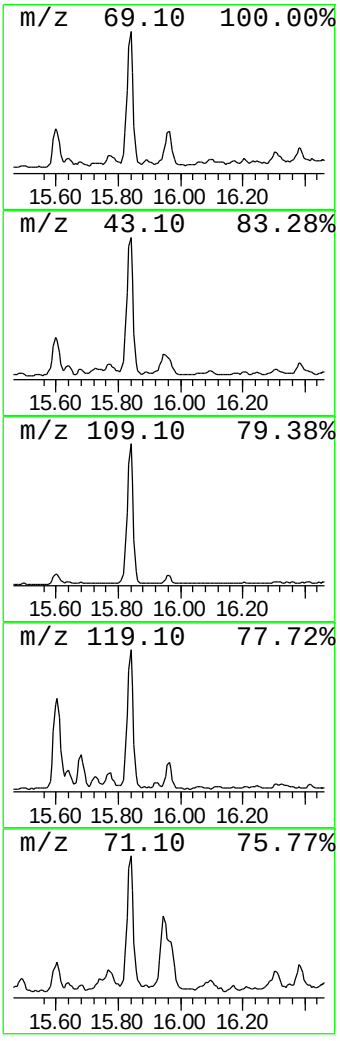
Peak Number 12 .alpha.-Bisabolol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.41 ng/ul	1458370	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bisabolol	222	C15H26O	000515-69-5	62
2	Cyclohexanemethanol, 3,3-dimethy...	212	C13H24O2	072541-28-7	38
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	35
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	35
5	.alpha.-Bisabolol	222	C15H26O	000515-69-5	27





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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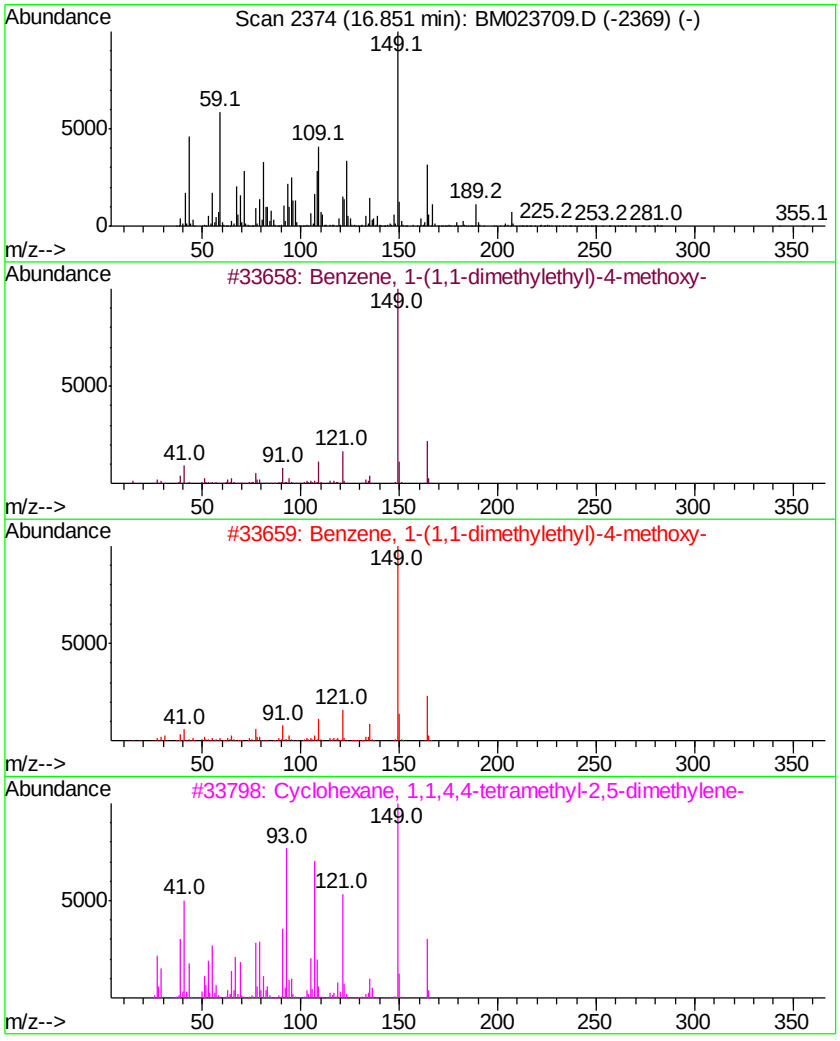
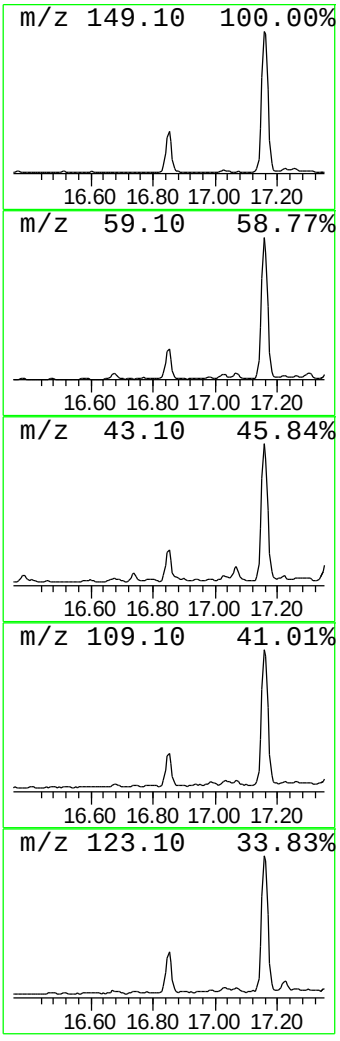
Peak Number 13 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	8.19 ng/ul	2706940	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	46
2	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	46
3	Cyclohexane, 1,1,4,4-tetramethyl...	164	C12H20	1000154-20-4	45
4	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	38
5	2,4,7,14-Tetramethyl-4-vinyl-tri...	290	C20H34O	1000193-31-2	35





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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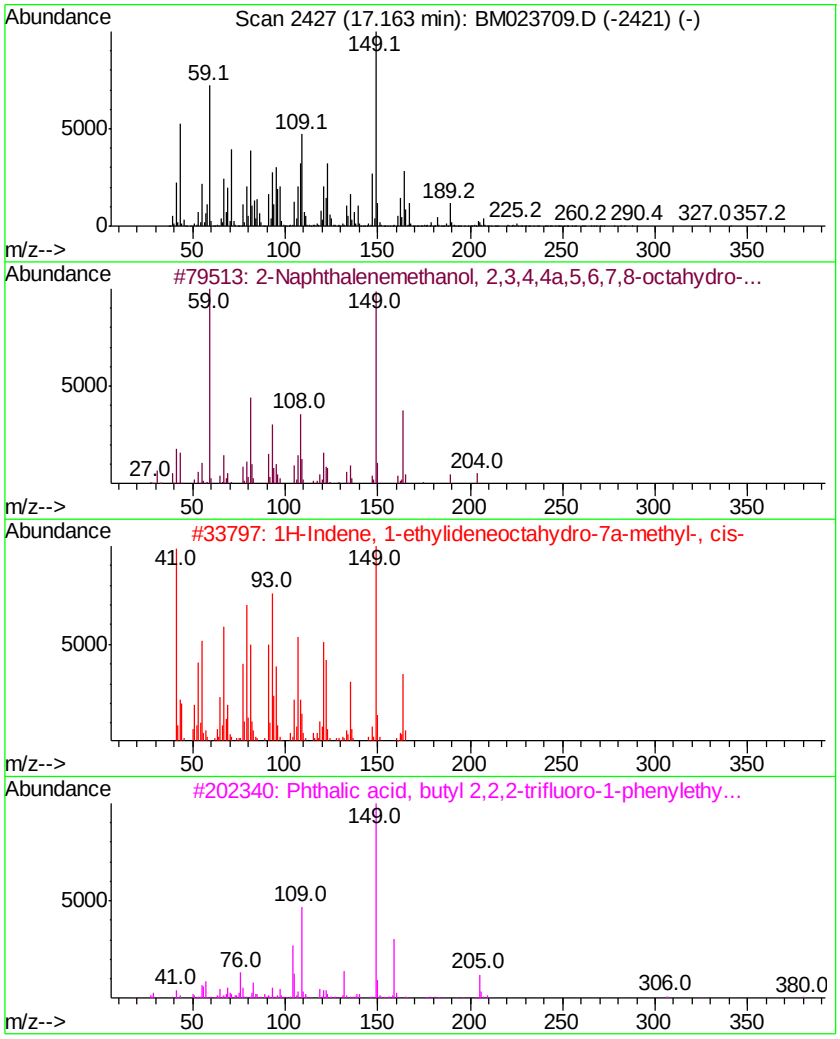
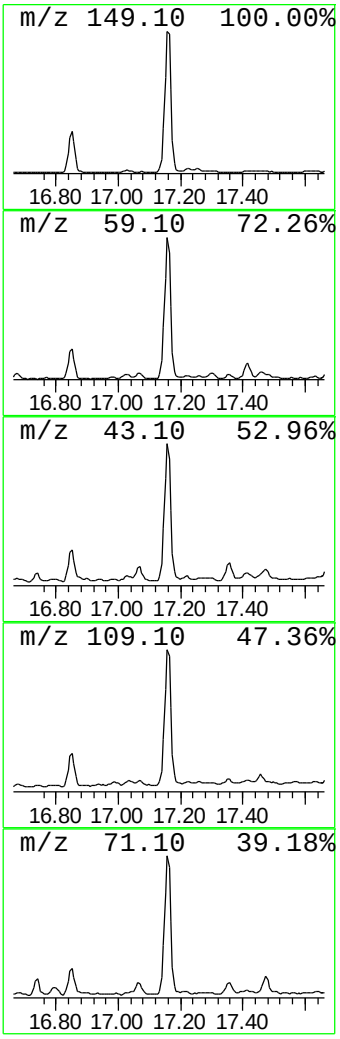
Peak Number 14 2-Naphthalenemethanol, 2,3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	37.35 ng/ul	12343900	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	53
2	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056362-87-9	25
3	Phthalic acid, butyl 2,2,2-trifl...	380	C20H19F3O4	1000377-70-2	22
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	18
5	2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	18





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Instrument : BNA_M
ClientSampleId : JLM98

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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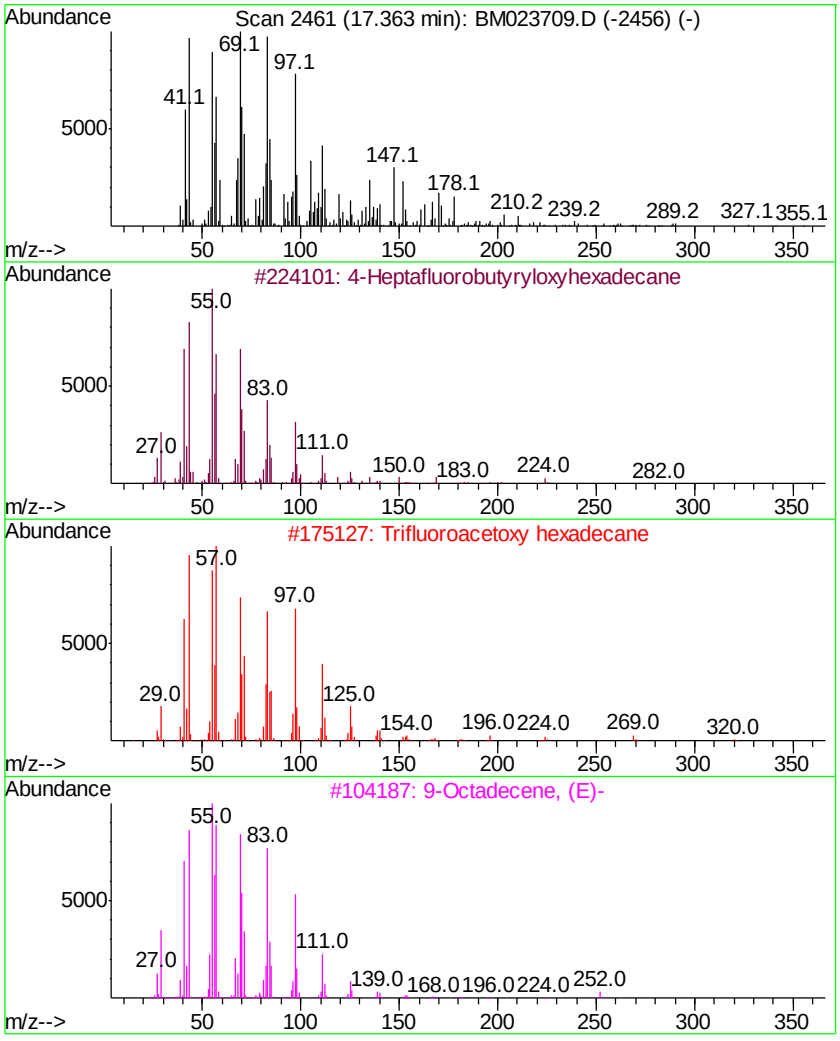
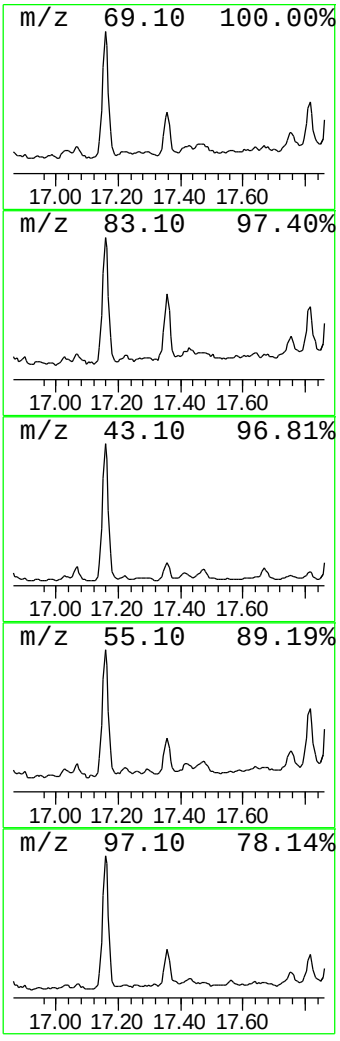
Peak Number 15 4-Heptafluorobutyryloxyhexa... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.40 ng/ul	1122420	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	81
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	74
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
5	3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	68





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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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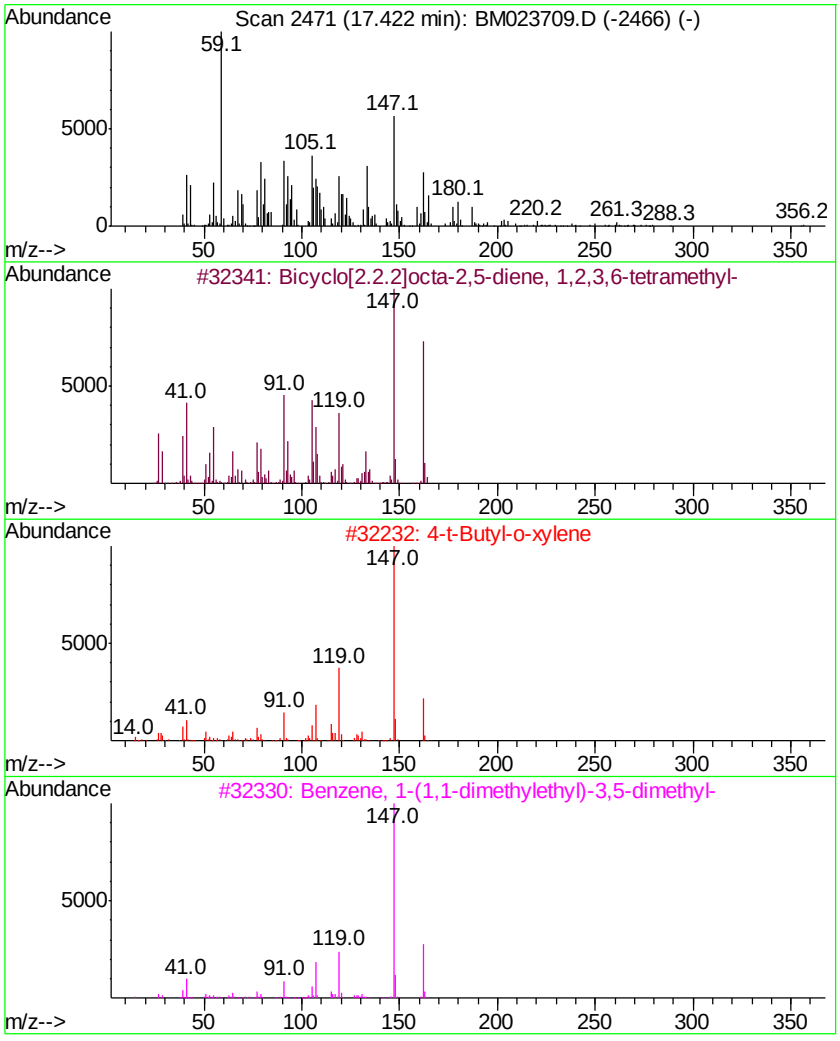
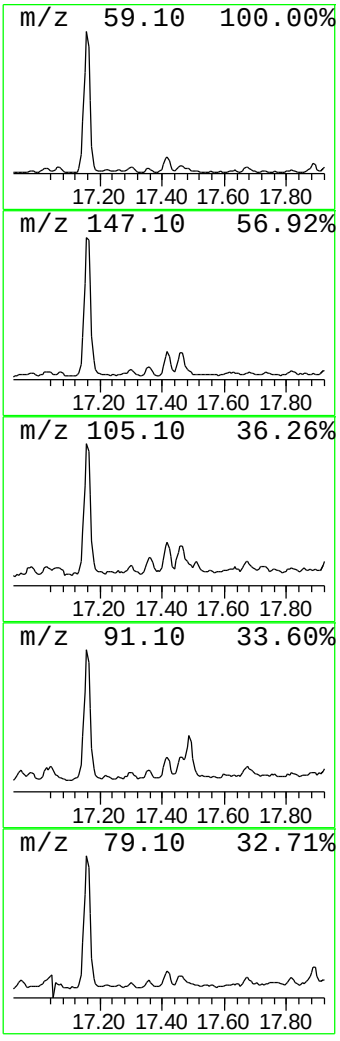
Peak Number 16 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	3.06 ng/ul	1010740	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octa-2,5-diene, 1,...	162	C12H18	062338-43-6	43
2	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	38
3	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	38
4	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	35
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	30





Library Search Compound Report

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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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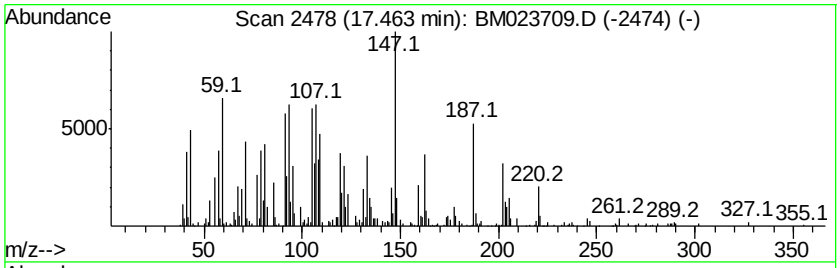
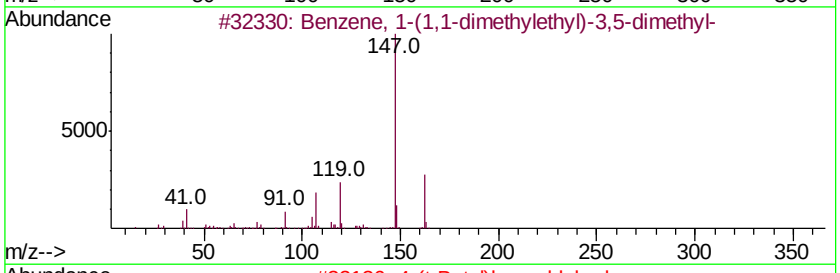
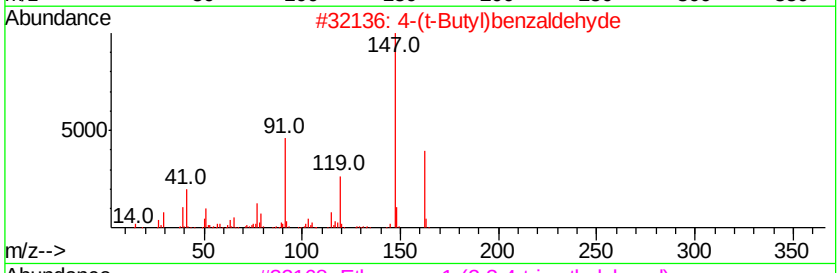
Peak Number 17 unknown-03 Concentration Rank 40

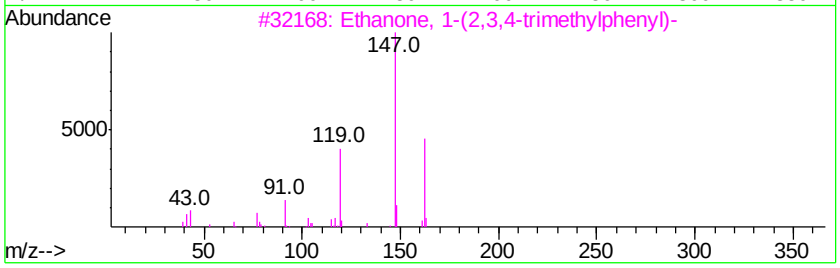
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	4.32 ng/ul	1428650	Phenanthrene-d10	16.95

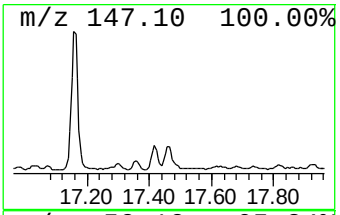
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	42
2	4-(t-Butyl)benzaldehyde	162	C11H14O	000939-97-9	35
3	Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	35
4	.gamma.-Gurjunepoxide-(2)	220	C15H24O	184705-51-9	35
5	Benzene, hexamethyl-	162	C12H18	000087-85-4	35

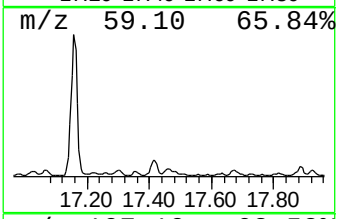


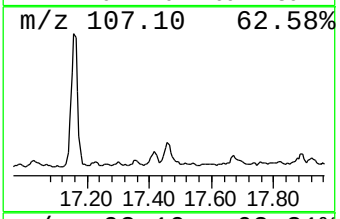


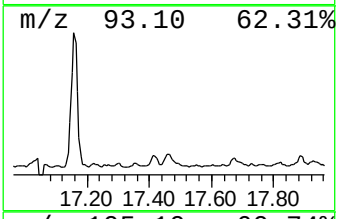


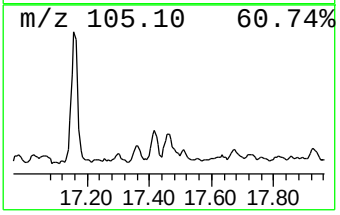












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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

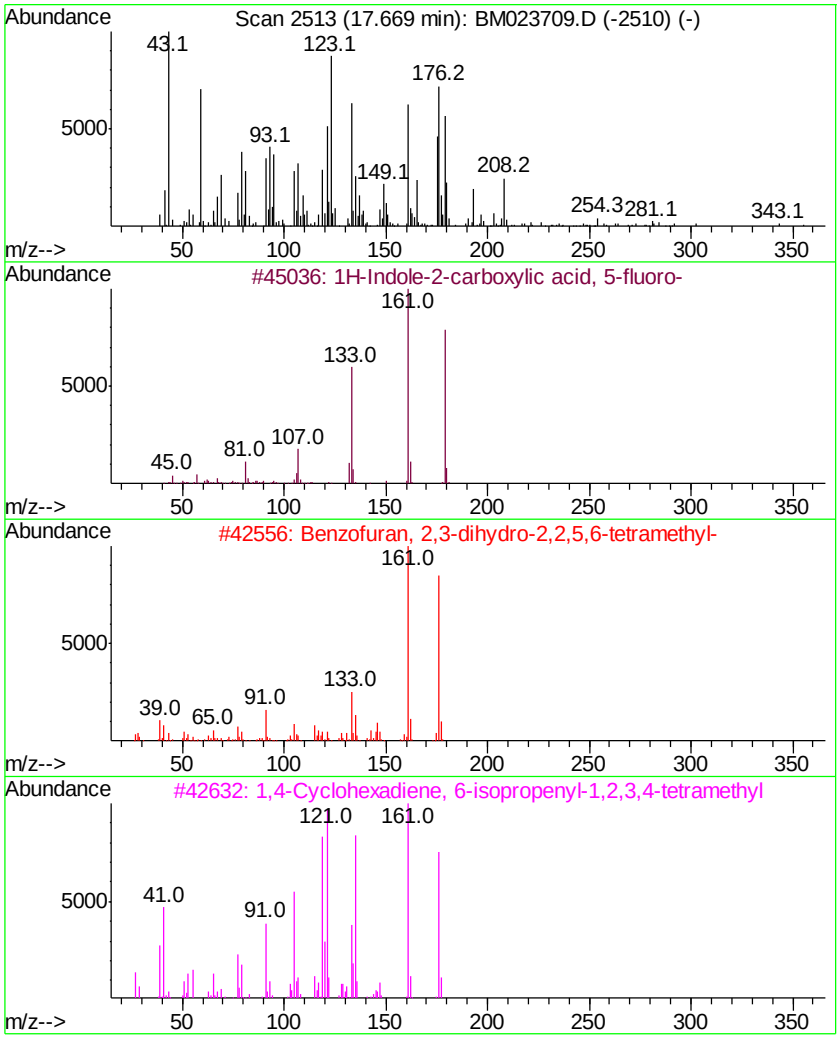
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

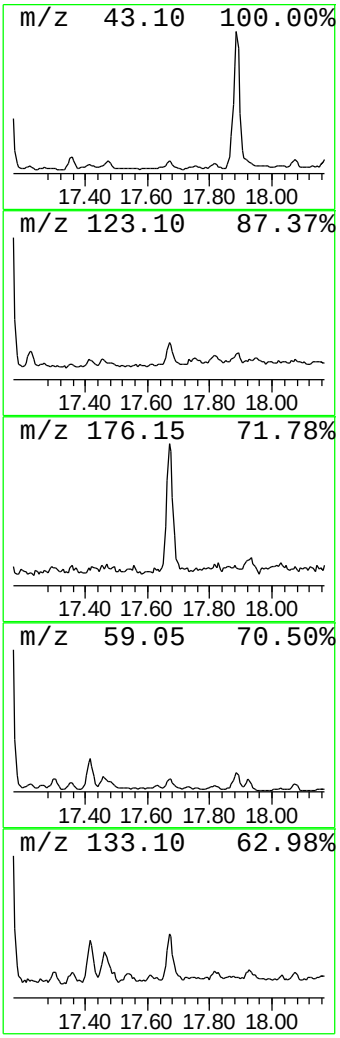
****

Peak Number 18 unknown-04 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.11 ng/ul	698316	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2-carboxylic acid, 5-f...	179	C9H6FNO2	000399-76-8	35
2	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	35
3	1,4-Cyclohexadiene, 6-isopropenyl...	176	C13H20	1000160-89-3	25
4	(+)-2-Carene, 2-isopropenyl-	176	C13H20	1000151-27-0	18
5	1H-Indene, 5,6-dimethoxy-	176	C11H12O2	040243-67-2	14





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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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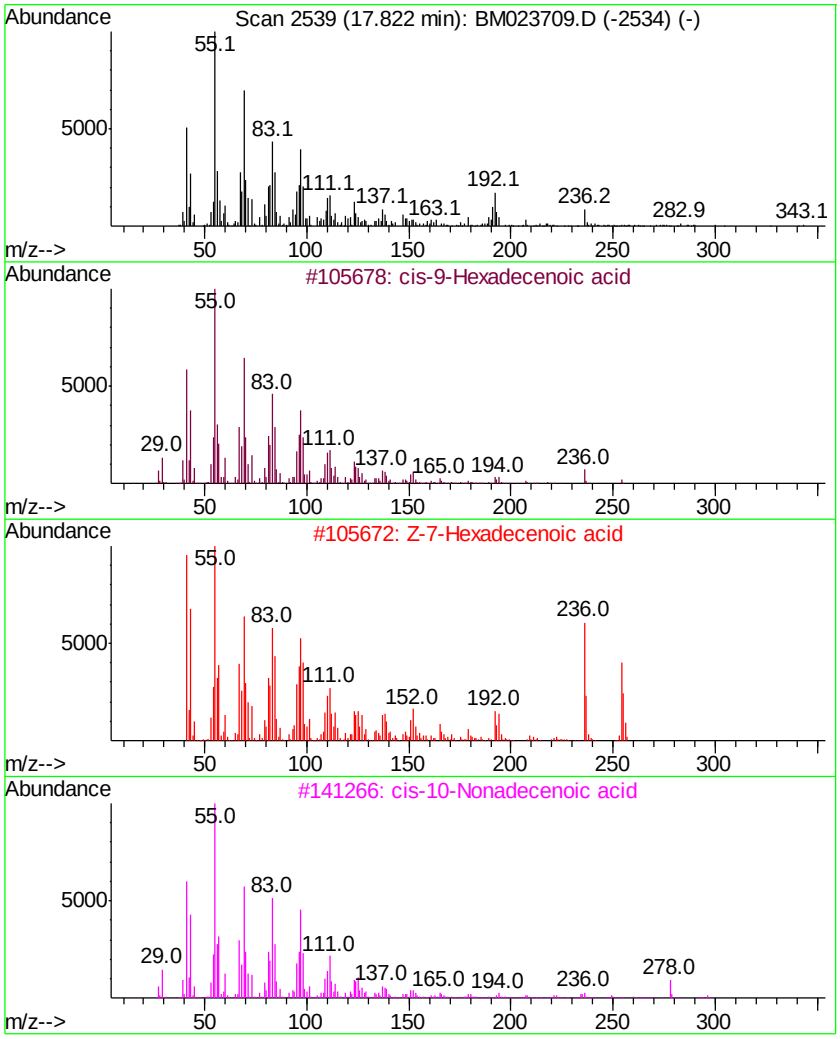
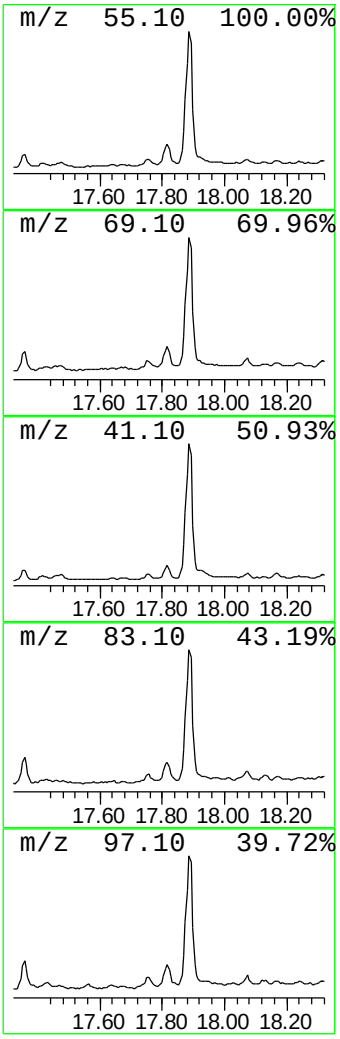
Peak Number 19 cis-9-Hexadecenoic acid Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.15 ng/ul	1041530	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	99
2	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	92
3	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	91
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	89
5	Decanoic acid, 10-(2-hexylcyclop...	296	C19H36O2	1000197-99-5	87





Library Search Compound Report

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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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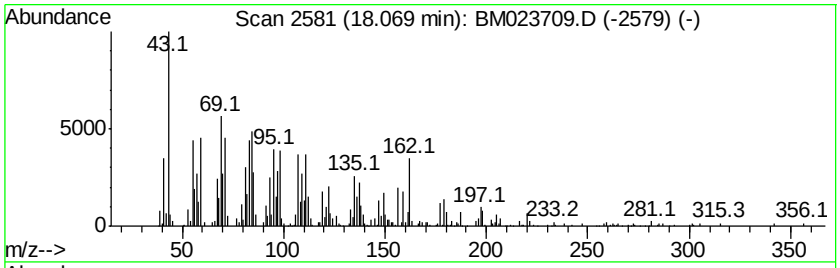
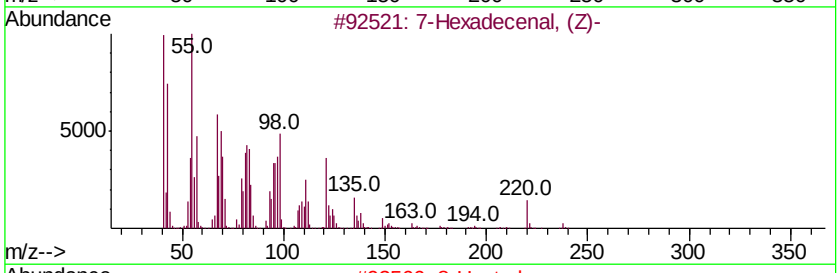
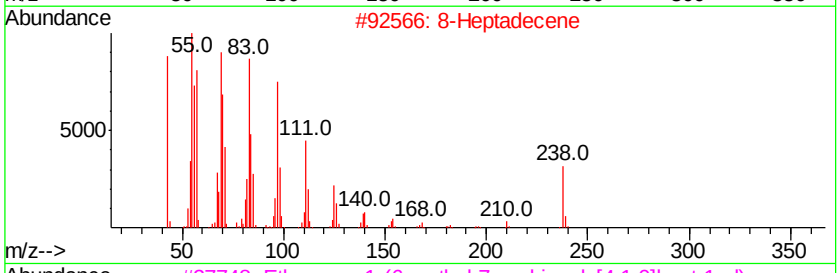
Peak Number 20 unknown-05 Concentration Rank 53

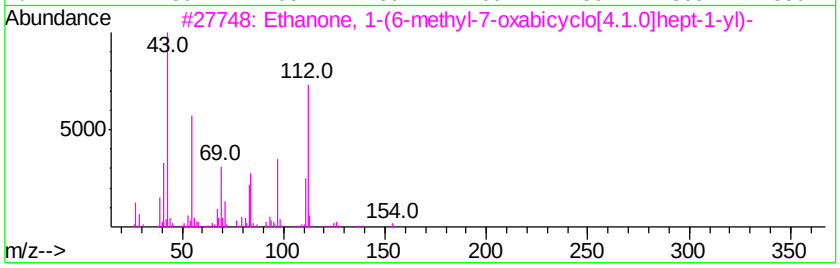
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.02 ng/ul	666727	Phenanthrene-d10	16.95

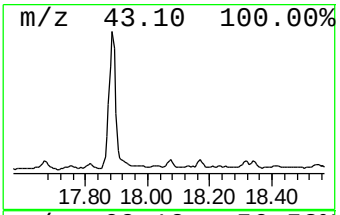
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecenal, (Z)-	238	C16H30O	056797-40-1	25
2	8-Heptadecene	238	C17H34	002579-04-6	22
3	Ethanone, 1-(6-methyl-7-oxabicyc...	154	C9H14O2	015120-94-2	22
4	Decane, 3-chloro-	176	C10H21Cl	001002-11-5	14
5	E-11-Hexadecenal	238	C16H30O	1000130-86-1	11

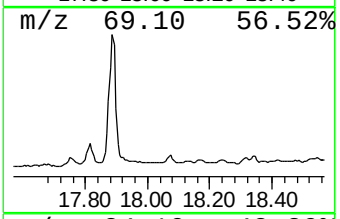


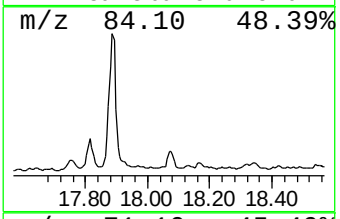


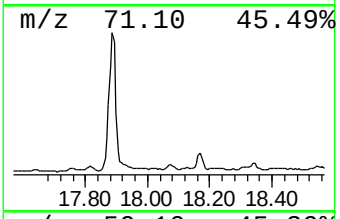


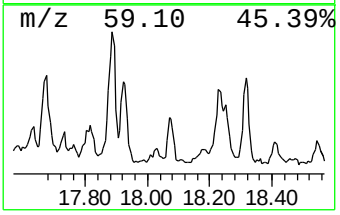












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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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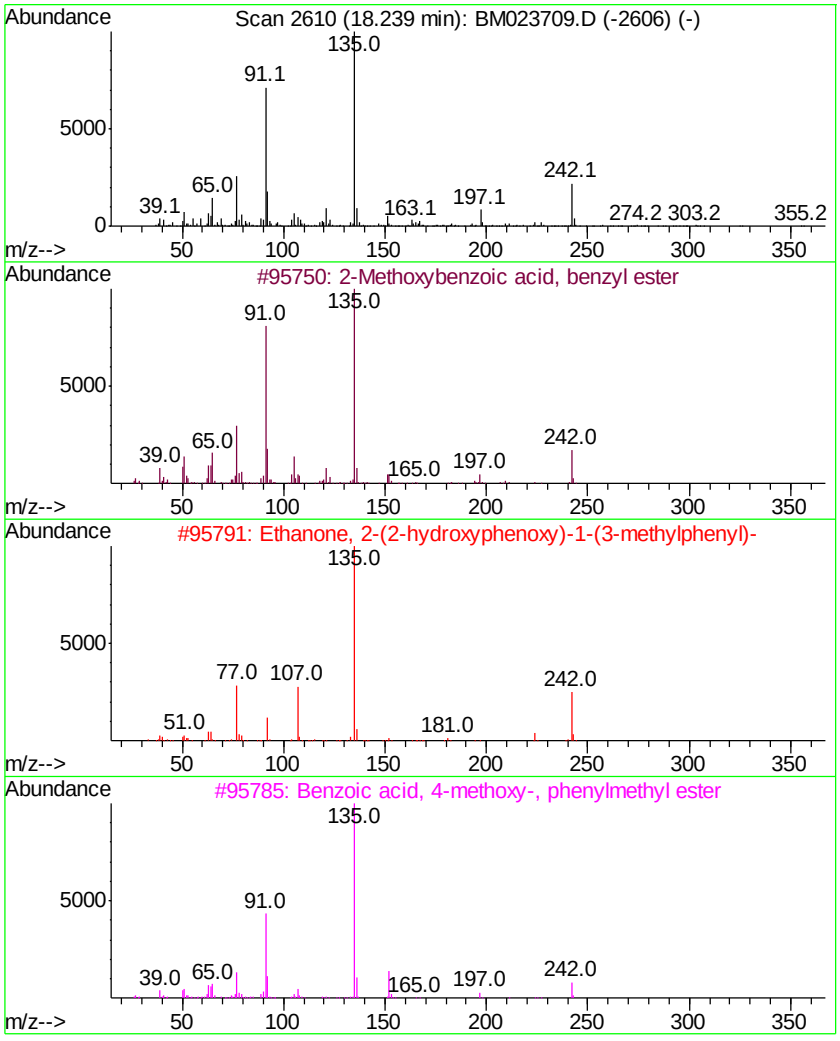
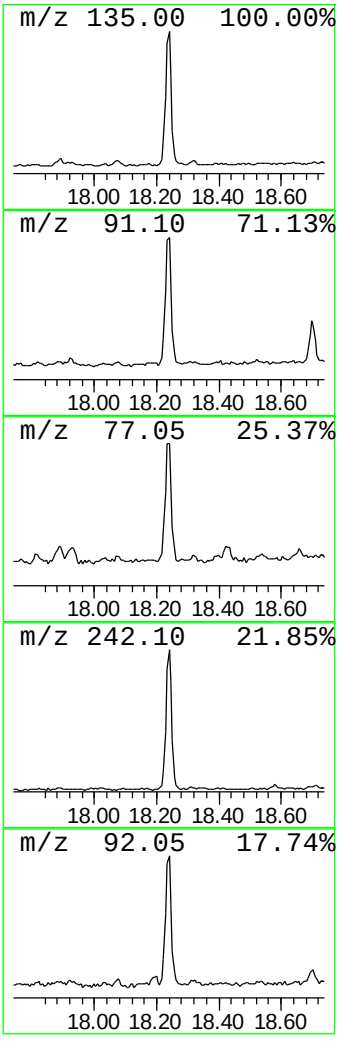
Peak Number 21 2-Methoxybenzoic acid, benz... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.94 ng/ul	1301990	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxybenzoic acid, benzyl ester	242	C15H14O3	075679-47-9	93
2	Ethanone, 2-(2-hydroxyphenoxy)-1...	242	C15H14O3	1000269-83-9	87
3	Benzoic acid, 4-methoxy-, phenyl...	242	C15H14O3	006316-54-7	86
4	m-Methoxybenzoic acid, 2-methylp...	242	C15H14O3	1000292-62-8	74
5	Benzamide, 2-methoxy-N-(3-aminop...	242	C14H14N2O2	301207-46-5	74





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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

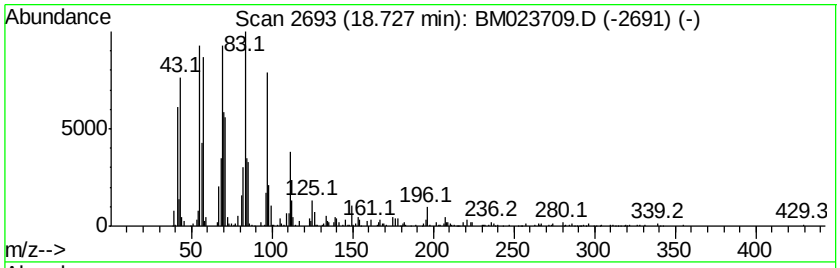
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

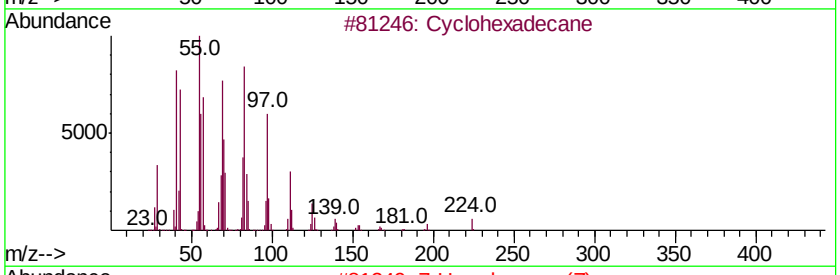
****

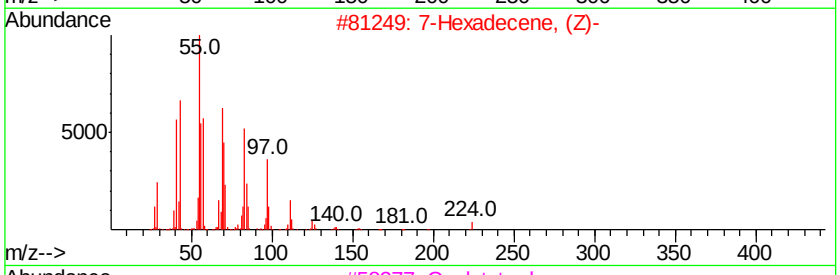
Peak Number 22 (DEL) Alkane: Cyclic18.73 Concentration Rank 49

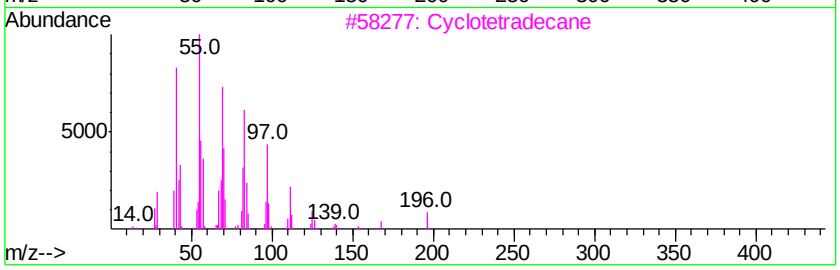
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.81 ng/ul	927733	Phenanthrene-d10	16.95

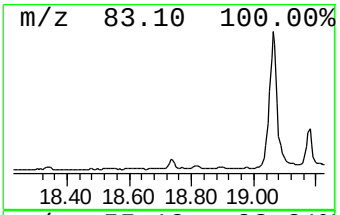
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	95
3	Cyclotetradecane	196	C14H28	000295-17-0	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Cyclotetradecane	196	C14H28	000295-17-0	93

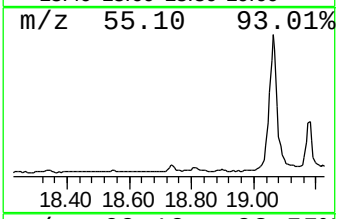


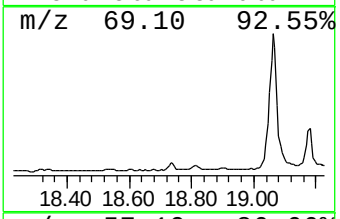


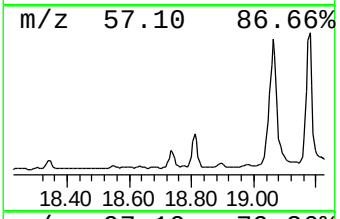


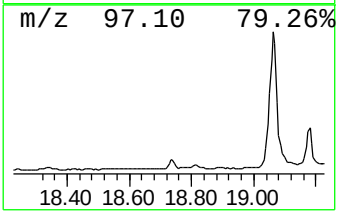












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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

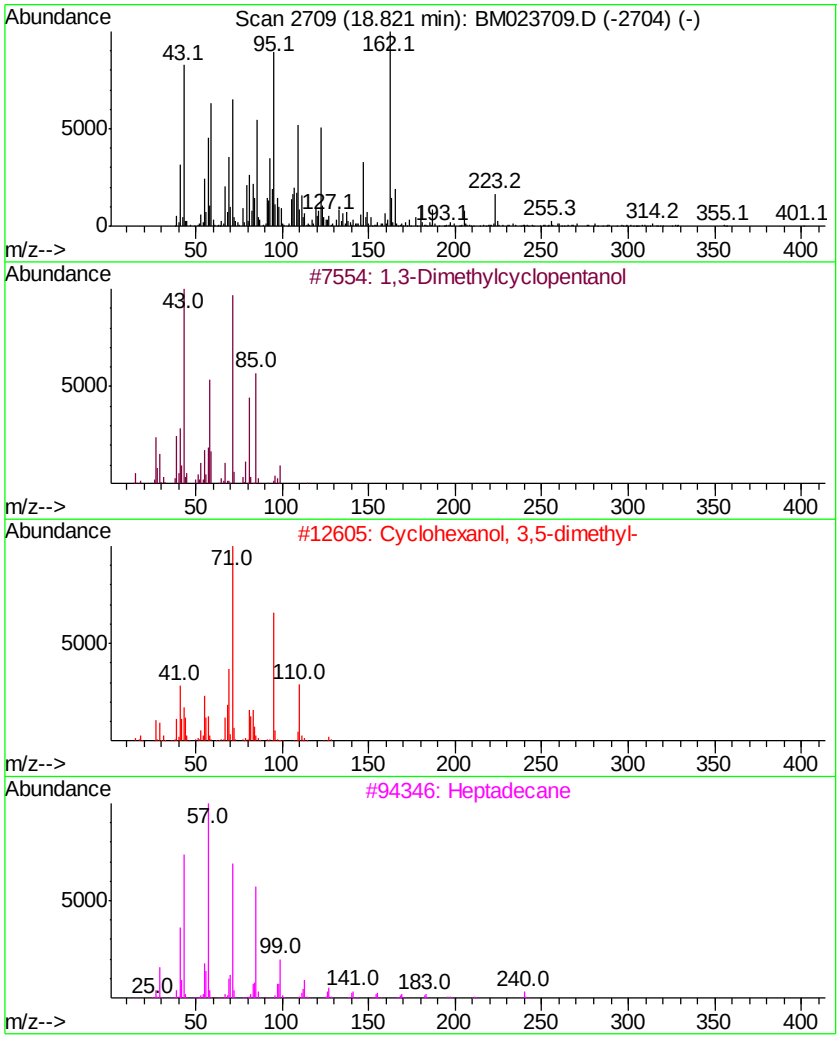
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

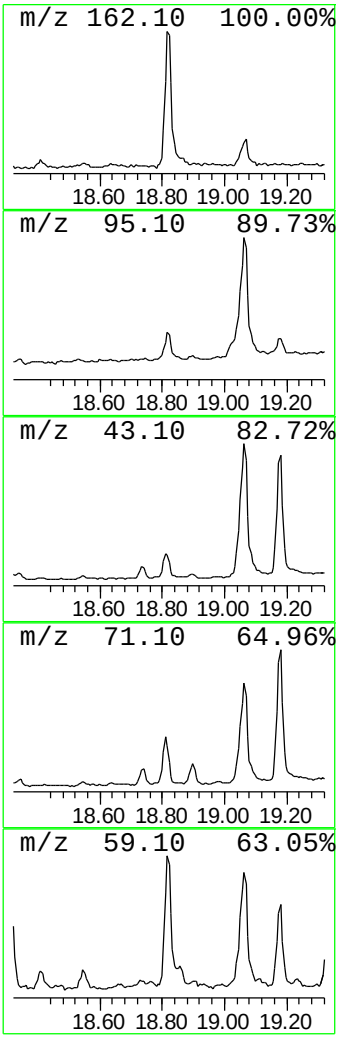
****

Peak Number 23 unknown-06 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	6.38 ng/ul	2107850	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	25
2	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	25
3	Heptadecane	240	C17H36	000629-78-7	20
4	Silane, ethenylethyldimethyl-	114	C6H14Si	018163-06-9	18
5	Pentadecane	212	C15H32	000629-62-9	18





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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

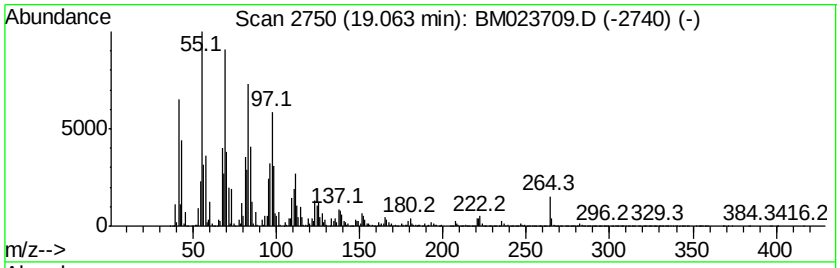
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

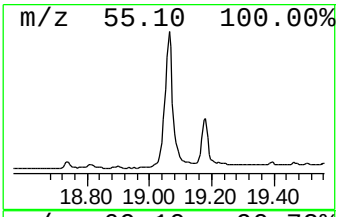
****

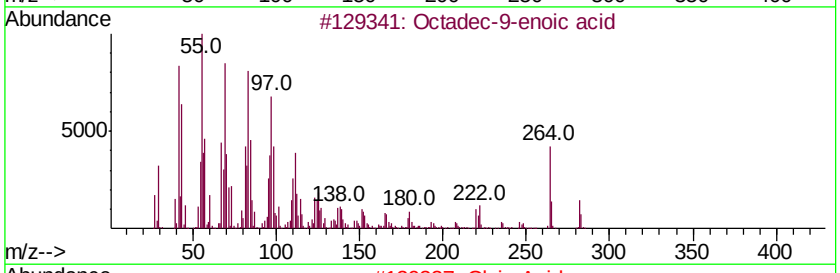
Peak Number 24 Octadec-9-enoic acid Concentration Rank 4

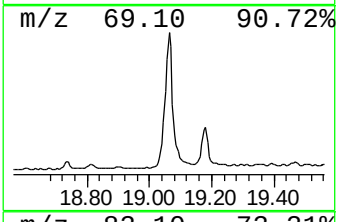
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	131.20 ng/ul	30512500	Chrysene-d12	21.14

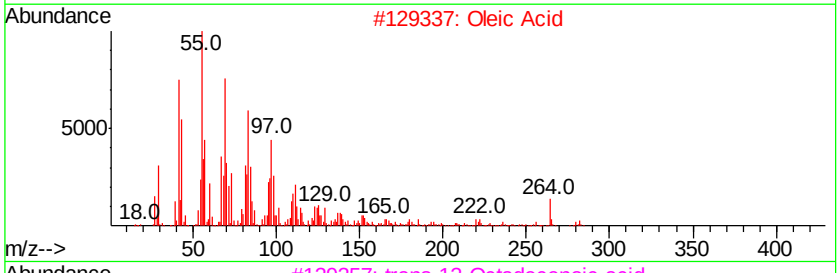
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	94
2	Oleic Acid	282	C18H34O2	000112-80-1	91
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90

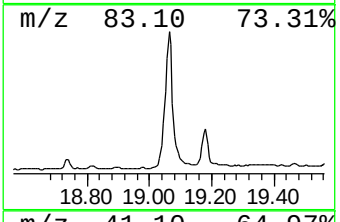


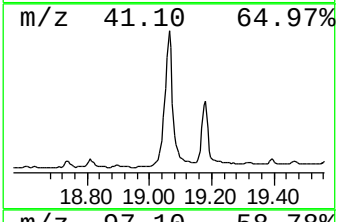


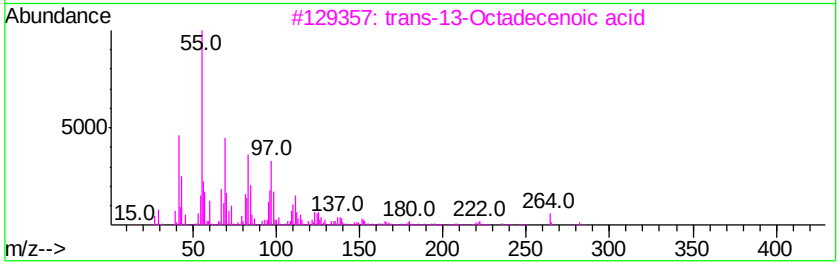


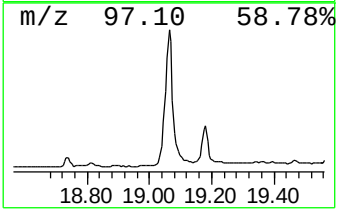












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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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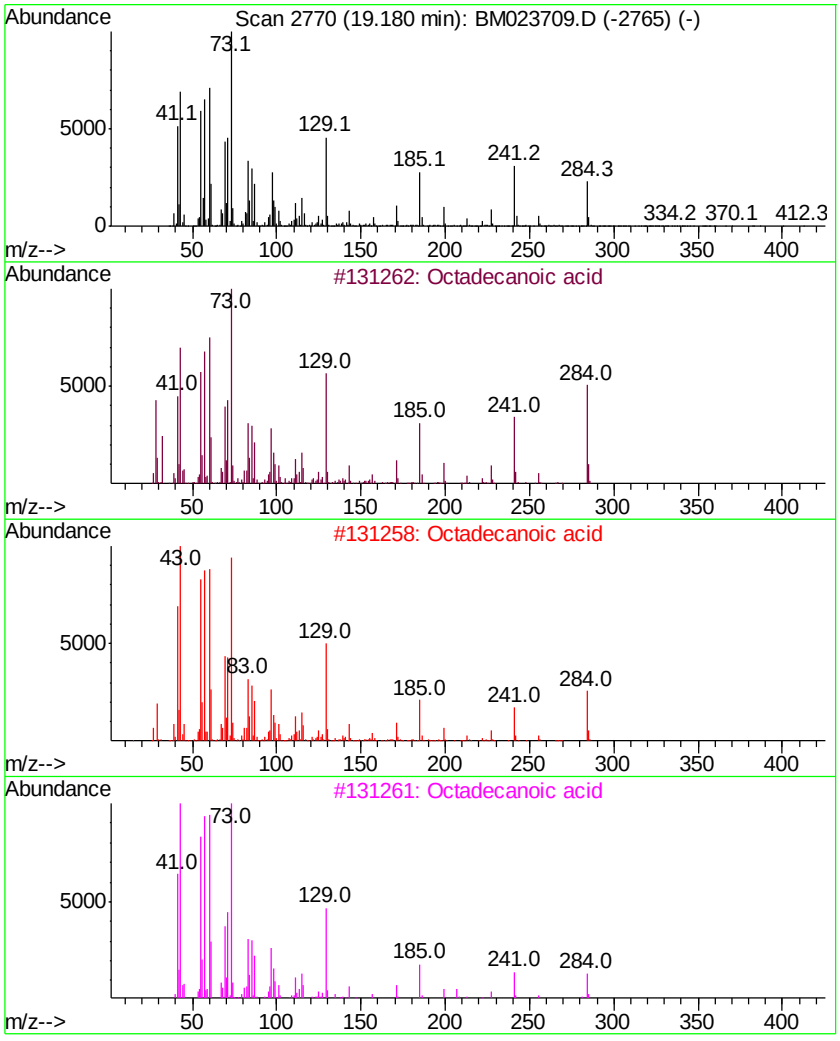
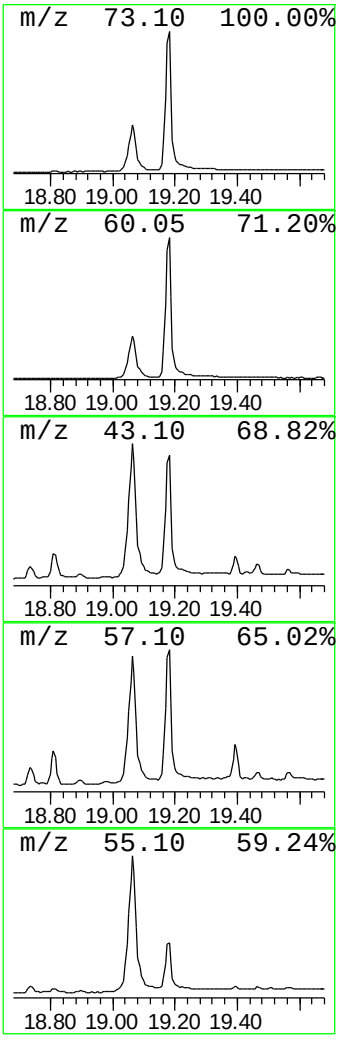
Peak Number 25 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	48.38 ng/ul	11251100	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	86





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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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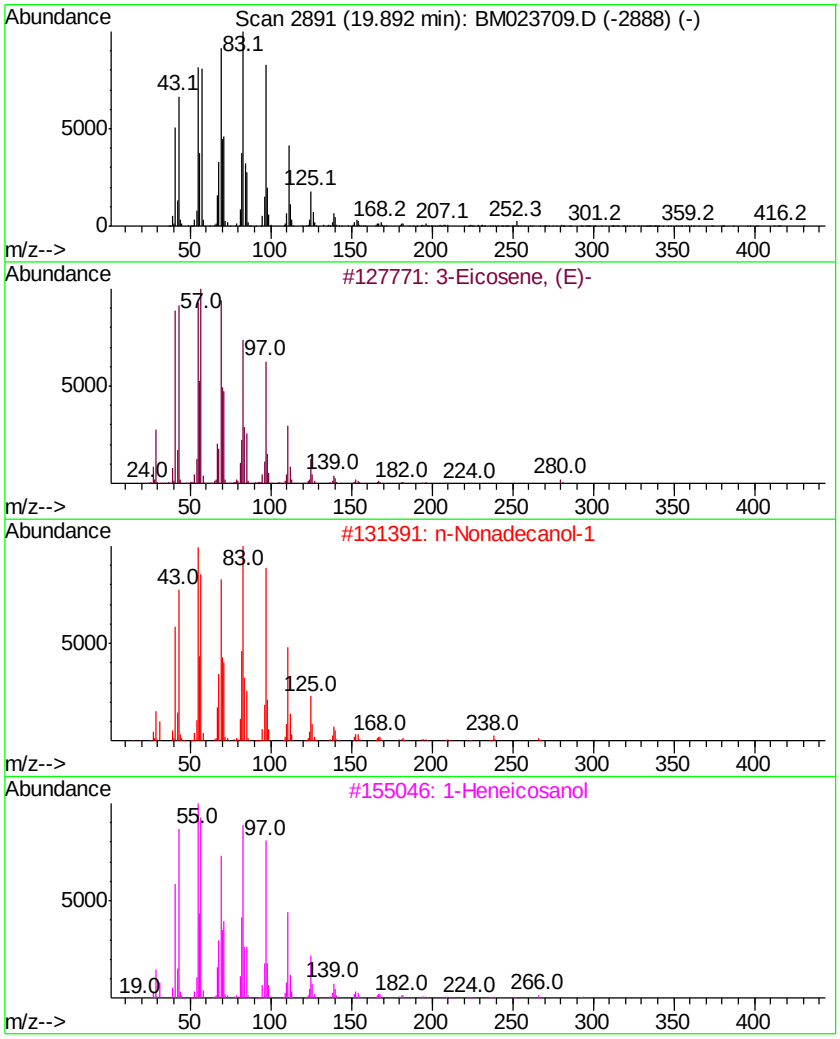
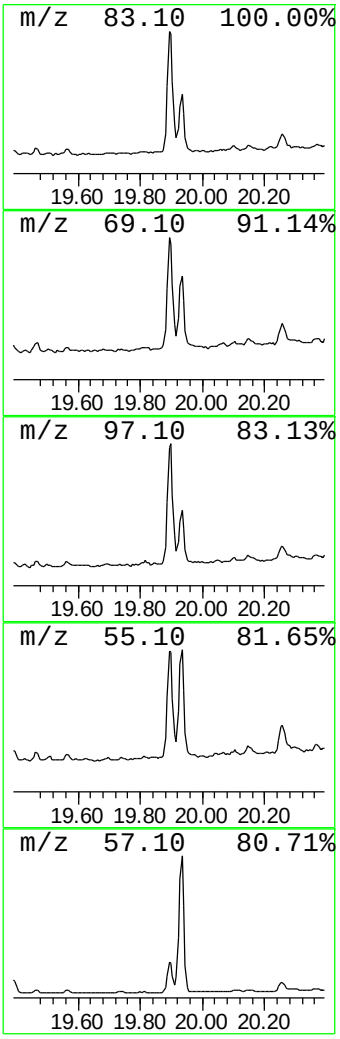
Peak Number 26 (DEL) Alkane: Cyclic13.89 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	19.24 ng/ul	4474950	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

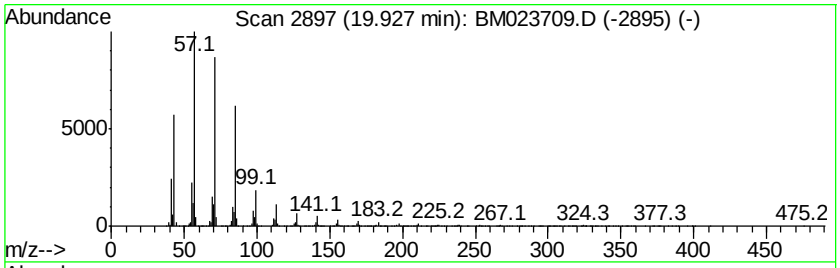
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

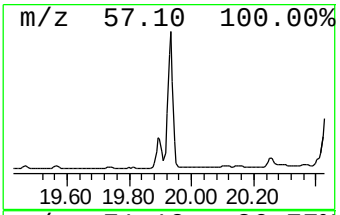
****

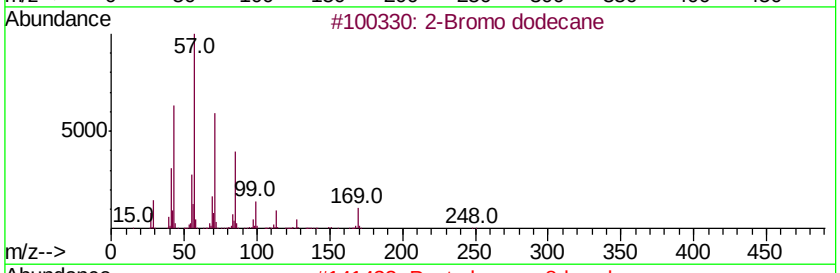
Peak Number 27 2-Bromo dodecane Concentration Rank 13

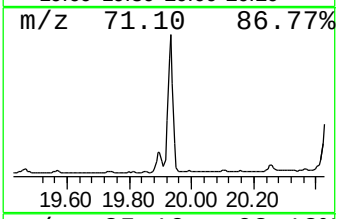
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	31.02 ng/ul	7214710	Chrysene-d12	21.14

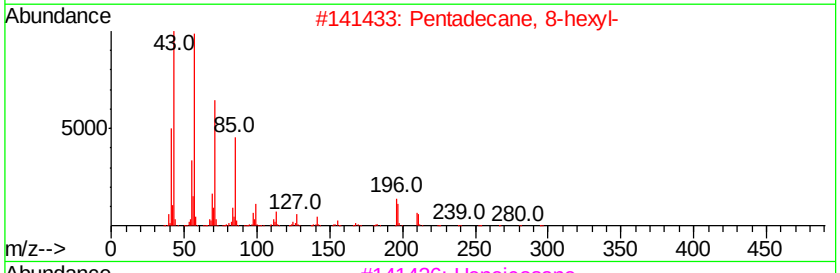
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Nonadecane	268	C19H40	000629-92-5	87

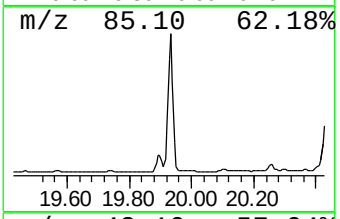


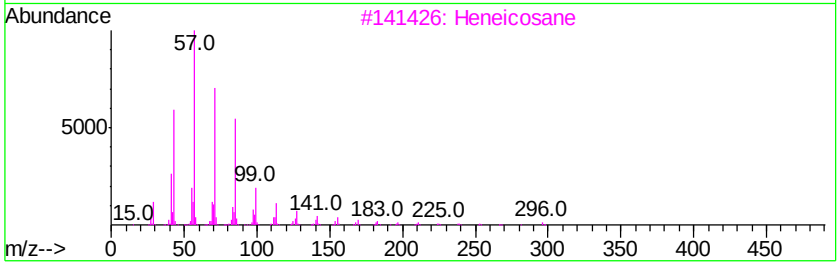


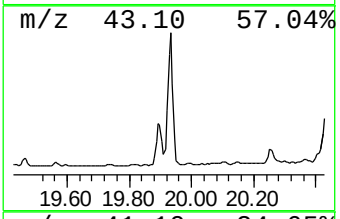


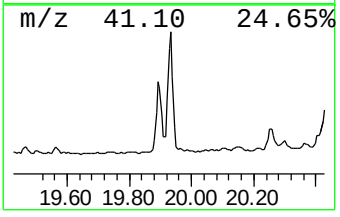












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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

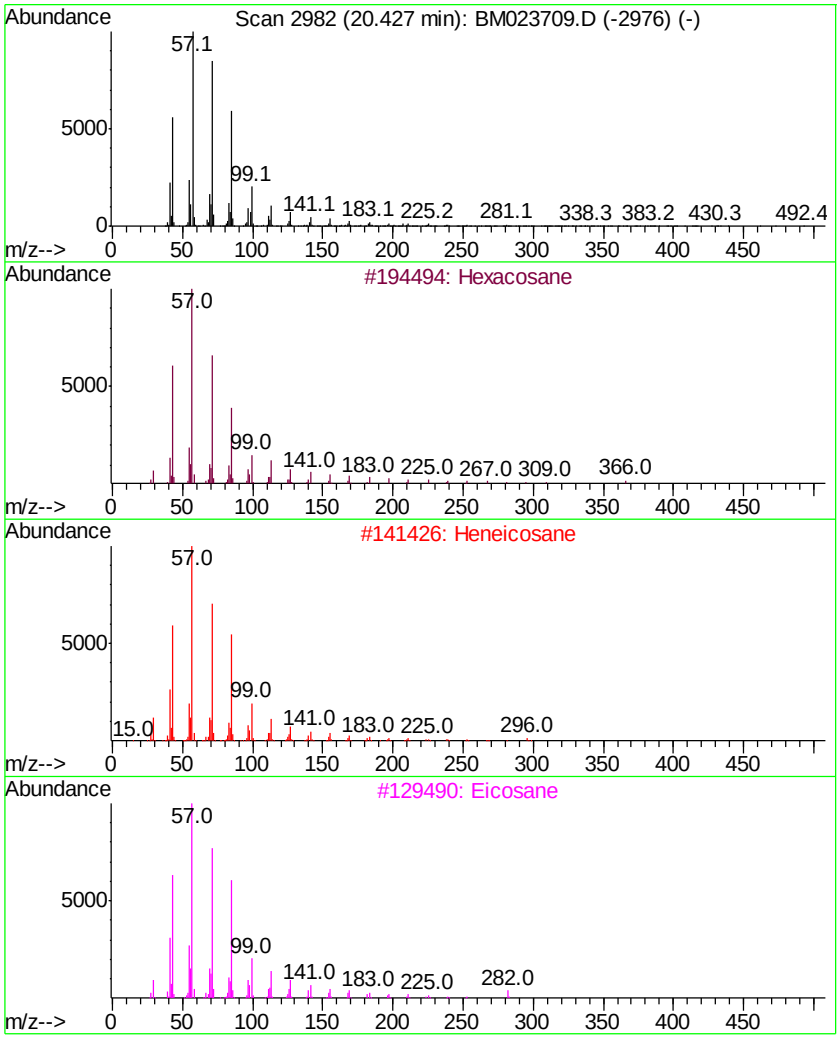
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

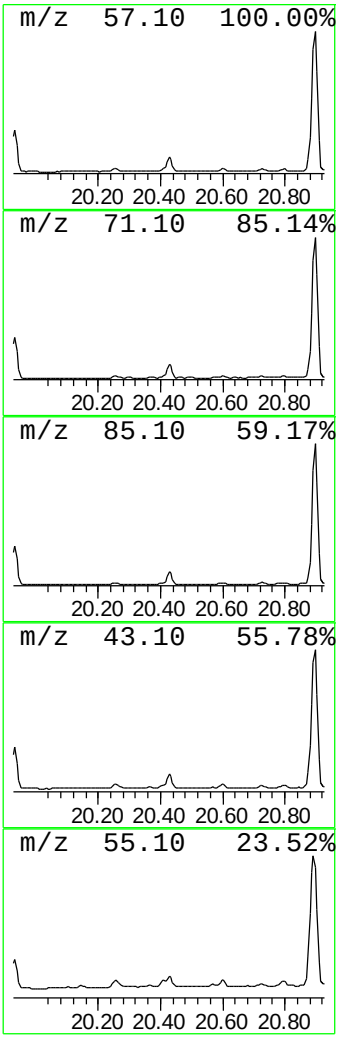
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	14.72 ng/ul	3424380	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

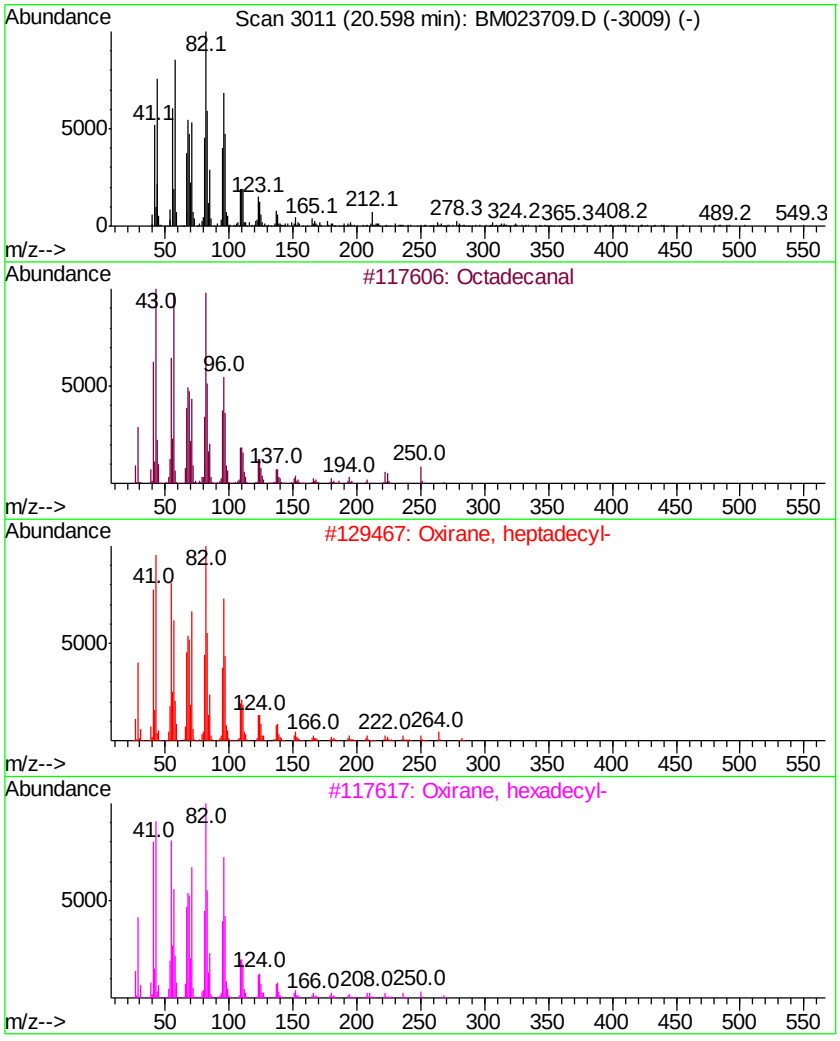
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

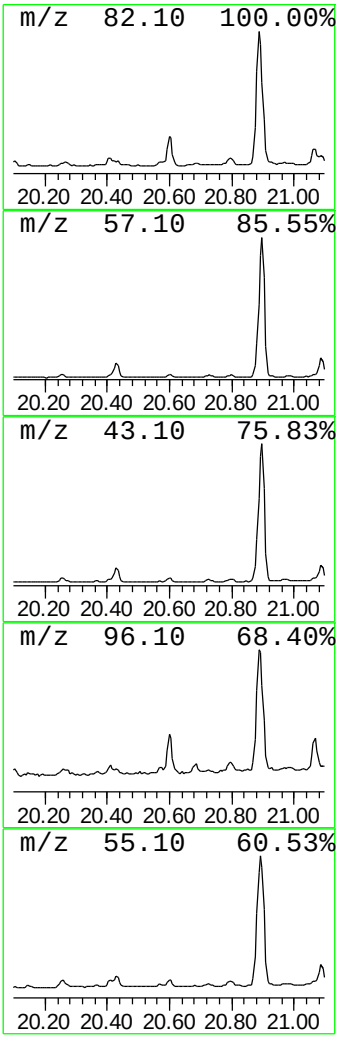
****

Peak Number 29 Octadecanal Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	5.12 ng/ul	1191460	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Tetracosanal	352	C24H48O	057866-08-7	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

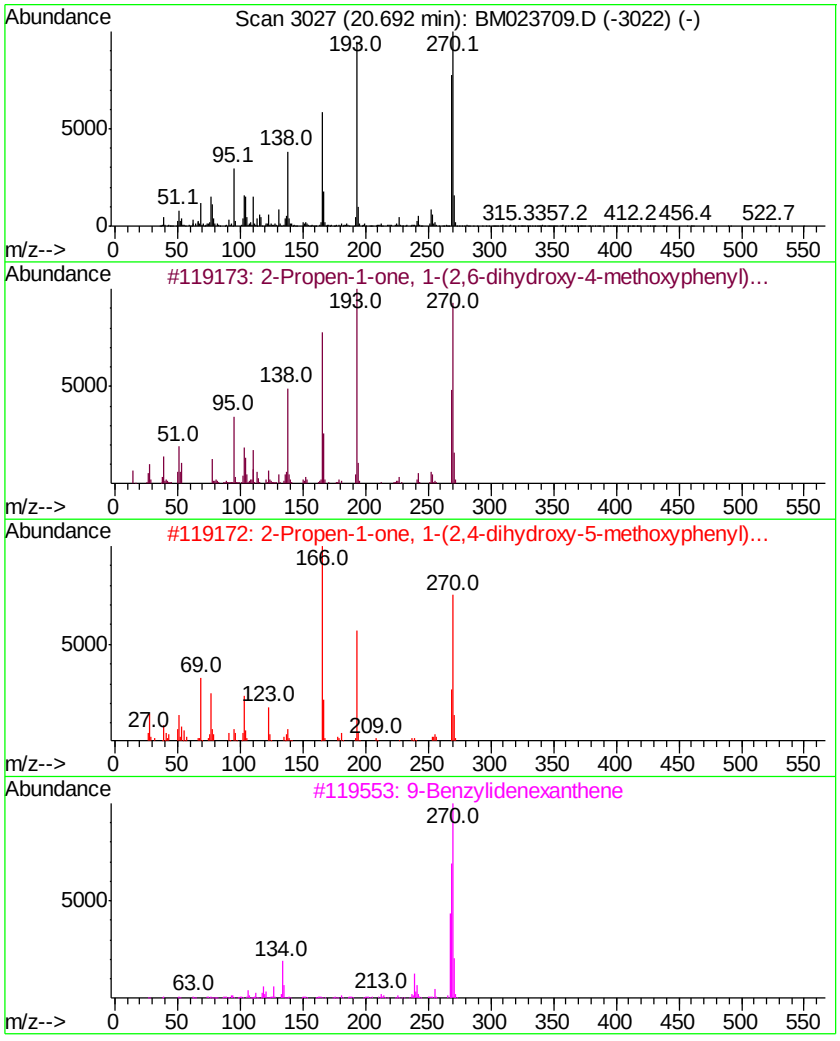
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

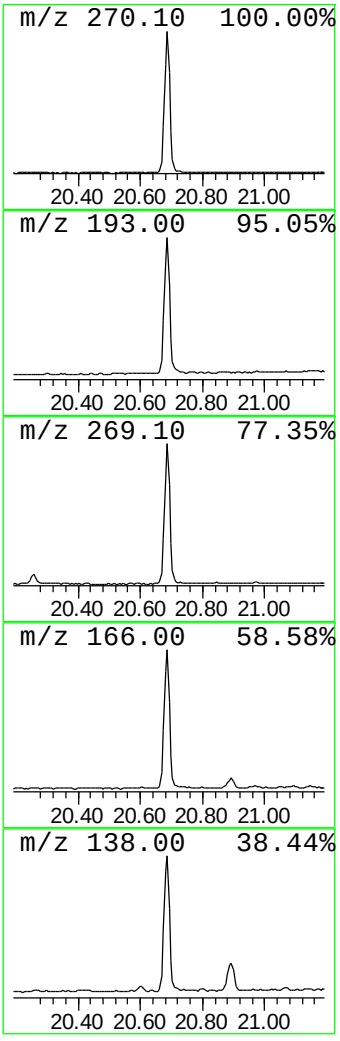
****

Peak Number 30 2-Propen-1-one, 1-(2,6-dihy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	17.41 ng/ul	4048240	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-(2,6-dihydroxy...	270	C16H14O4	018956-15-5	93
2	2-Propen-1-one, 1-(2,4-dihydroxy...	270	C16H14O4	028143-82-0	37
3	9-Benzylidenexanthene	270	C20H14O	027980-52-5	35
4	4-Azafluorenone, 2-methylphenyli...	270	C19H14N2	1000216-54-4	35
5	Nordazepam	270	C15H11ClN2O	001088-11-5	35





Library Search Compound Report

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Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

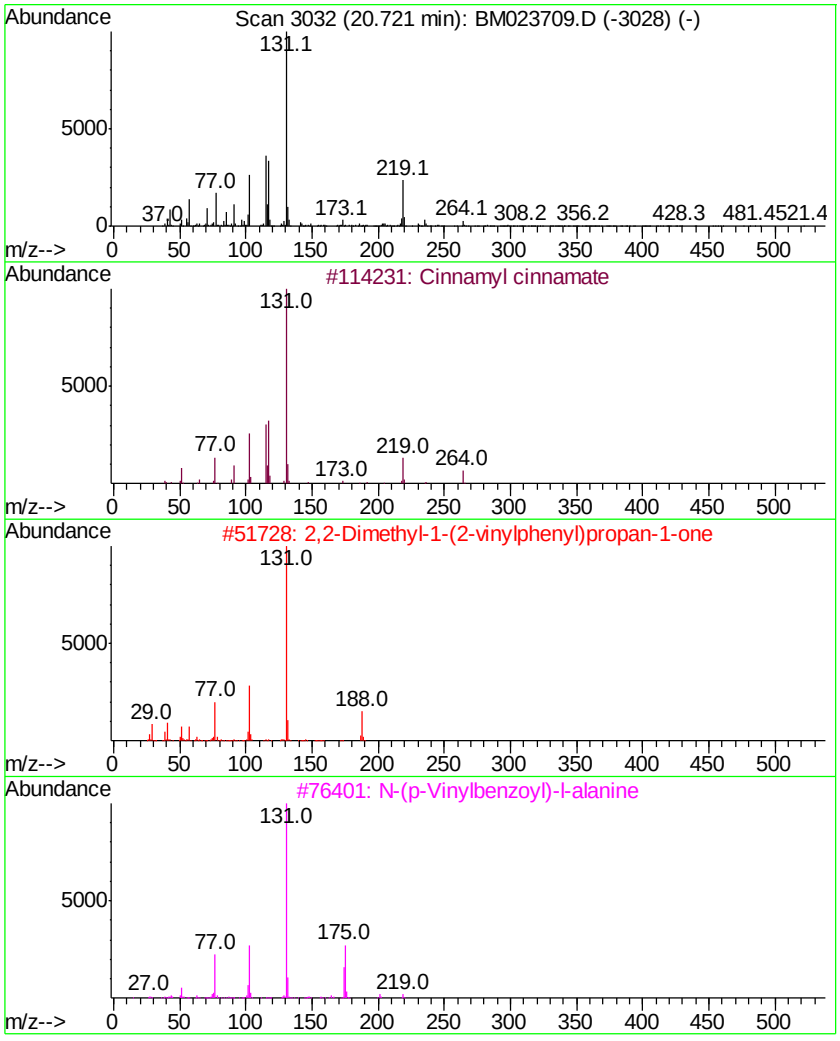
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

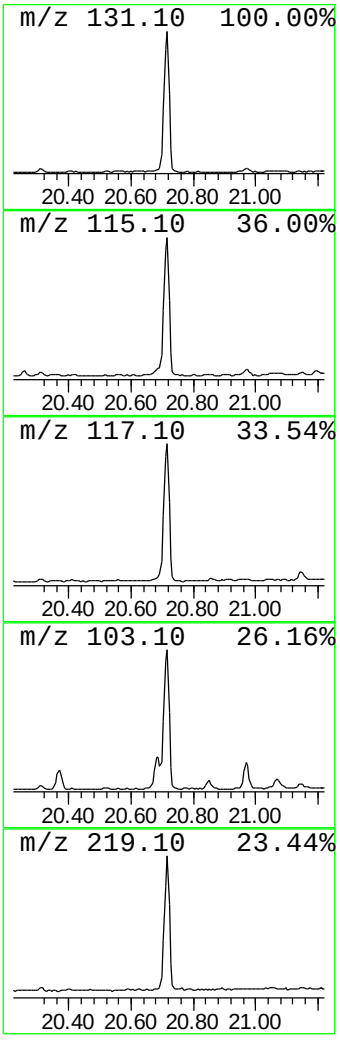
****

Peak Number 31 Cinnamyl cinnamate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	19.69 ng/ul	4579510	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
4	2,4,5-Trichlorophenyl cinnamate	326	C15H9Cl3O2	1000242-39-6	47
5	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

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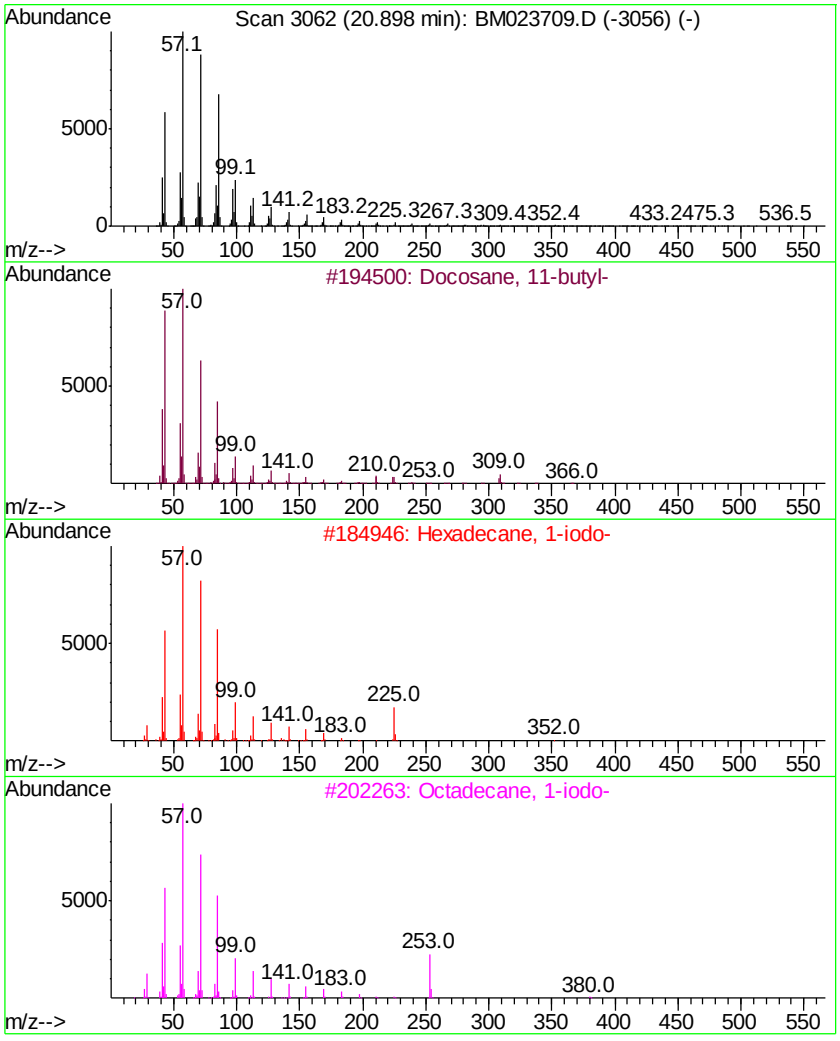
Quant Title : SVOA CALIBRATION

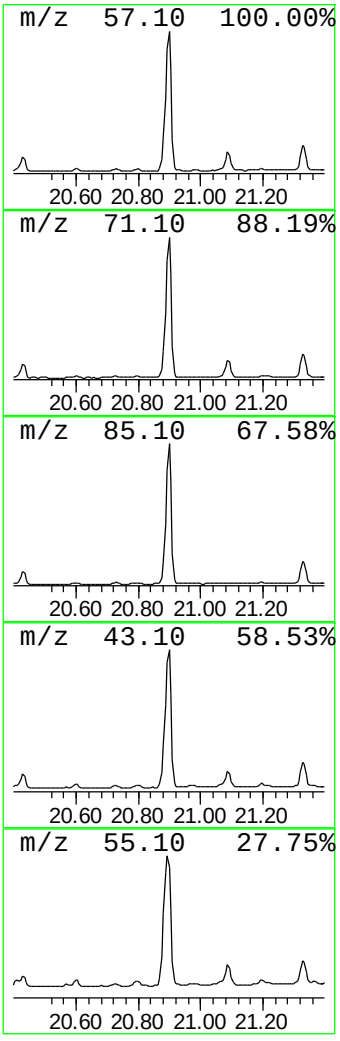
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	171.34 ng/ul	39847300	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	96
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	95
4	Octacosane	394	C28H58	000630-02-4	95
5	Heptacosane	380	C27H56	000593-49-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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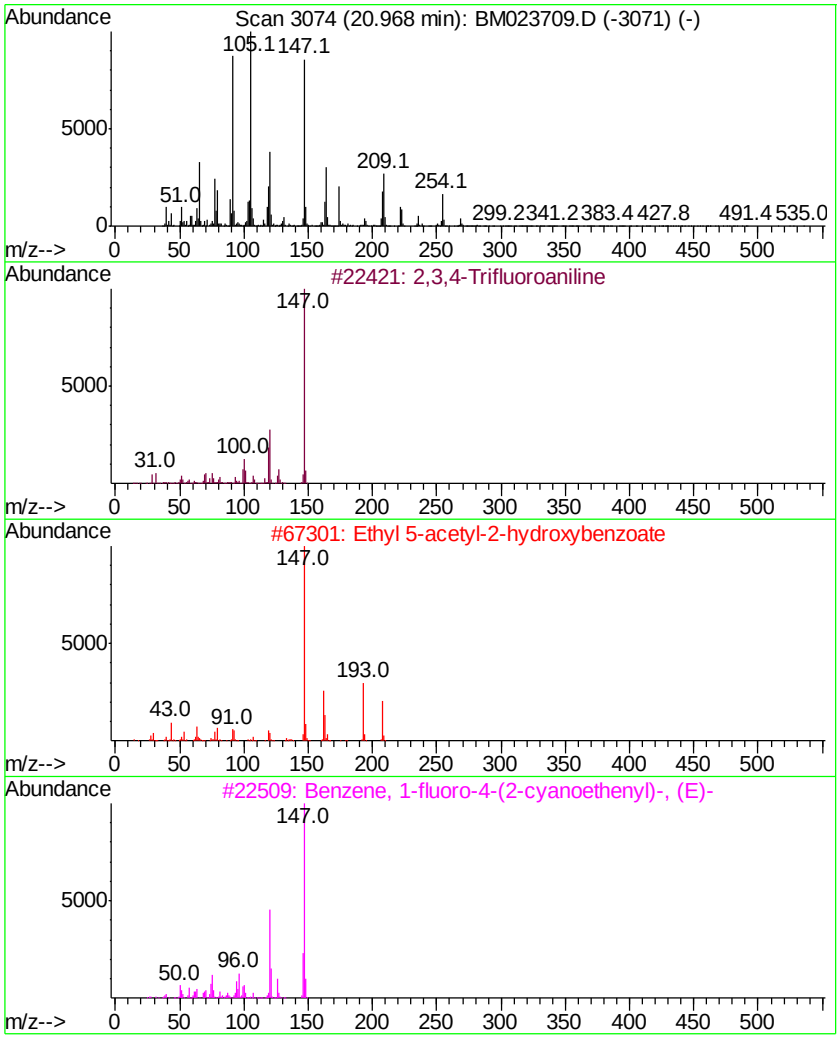
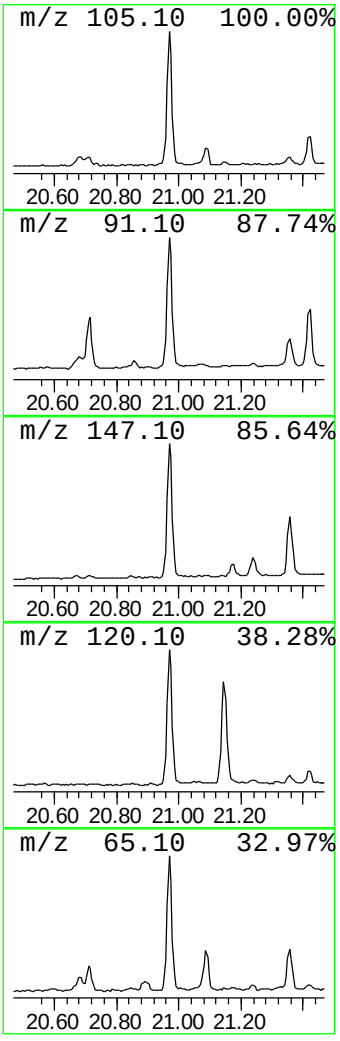
Peak Number 33 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	19.79 ng/ul	4601610	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trifluoroaniline	147	C6H4F3N	003862-73-5	49
2	Ethyl 5-acetyl-2-hydroxybenzoate	208	C11H12O4	1000373-31-2	38
3	Benzene, 1-fluoro-4-(2-cyanoethe...	147	C9H6FN	027530-50-3	38
4	Benzene, 1-fluoro-4-(2-cyanoethe...	147	C9H6FN	071750-12-4	38
5	2,3,4-Trifluoroaniline	147	C6H4F3N	003862-73-5	38





Library Search Compound Report

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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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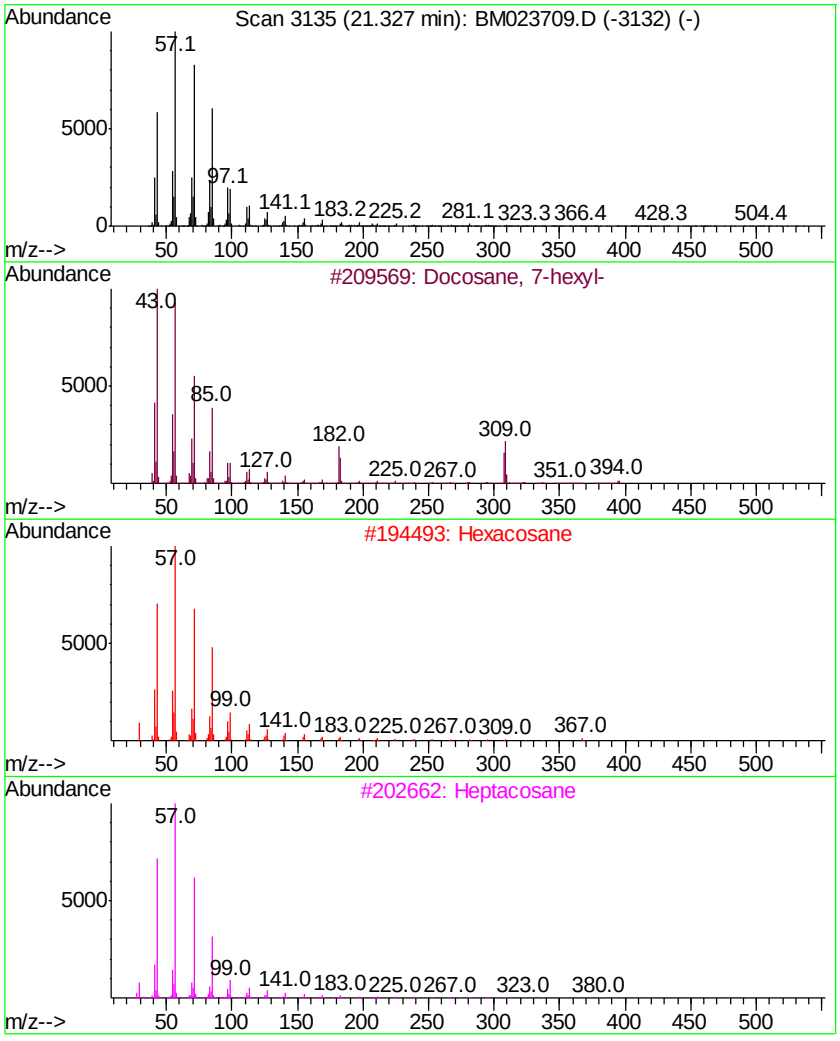
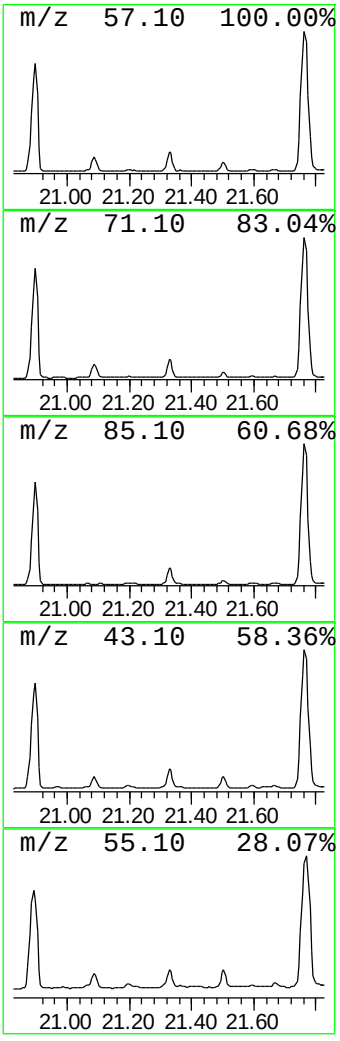
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	21.93 ng/ul	5099010	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	87
5	Tritetracontane	605	C43H88	007098-21-7	87





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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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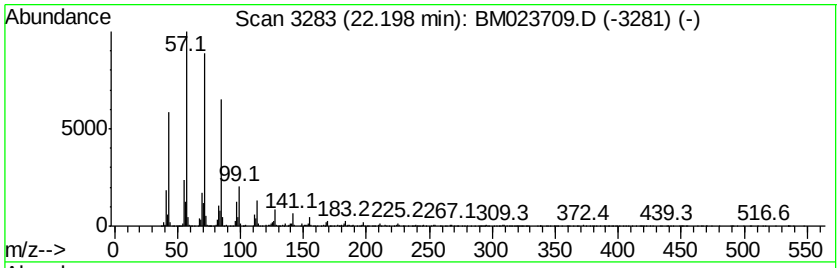
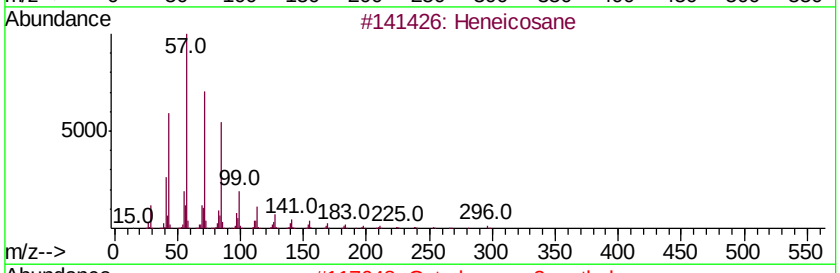
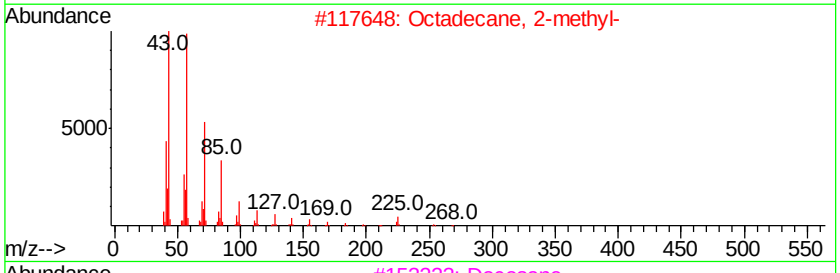
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 30

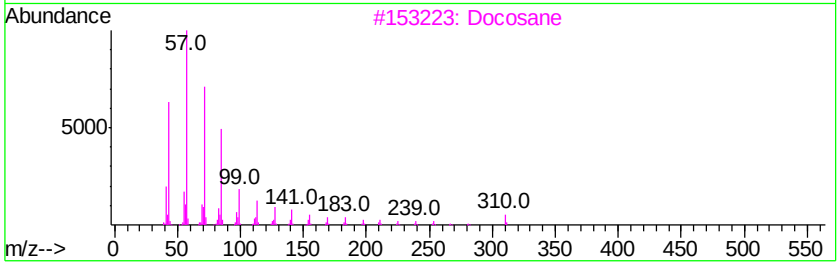
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	10.27 ng/ul	2387700	Chrysene-d12	21.14

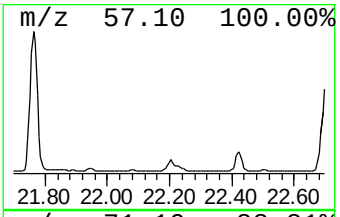
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Docosane	310	C22H46	000629-97-0	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

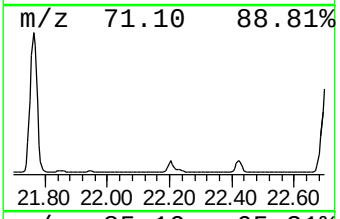


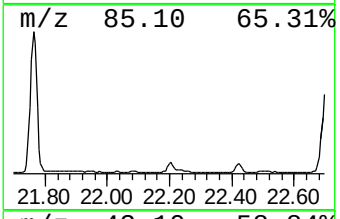


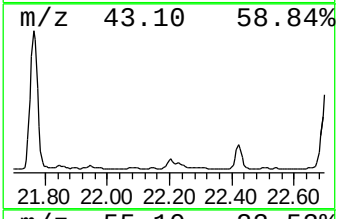


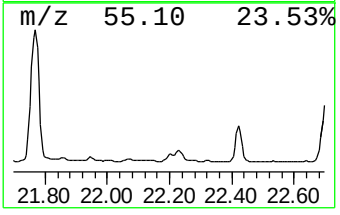












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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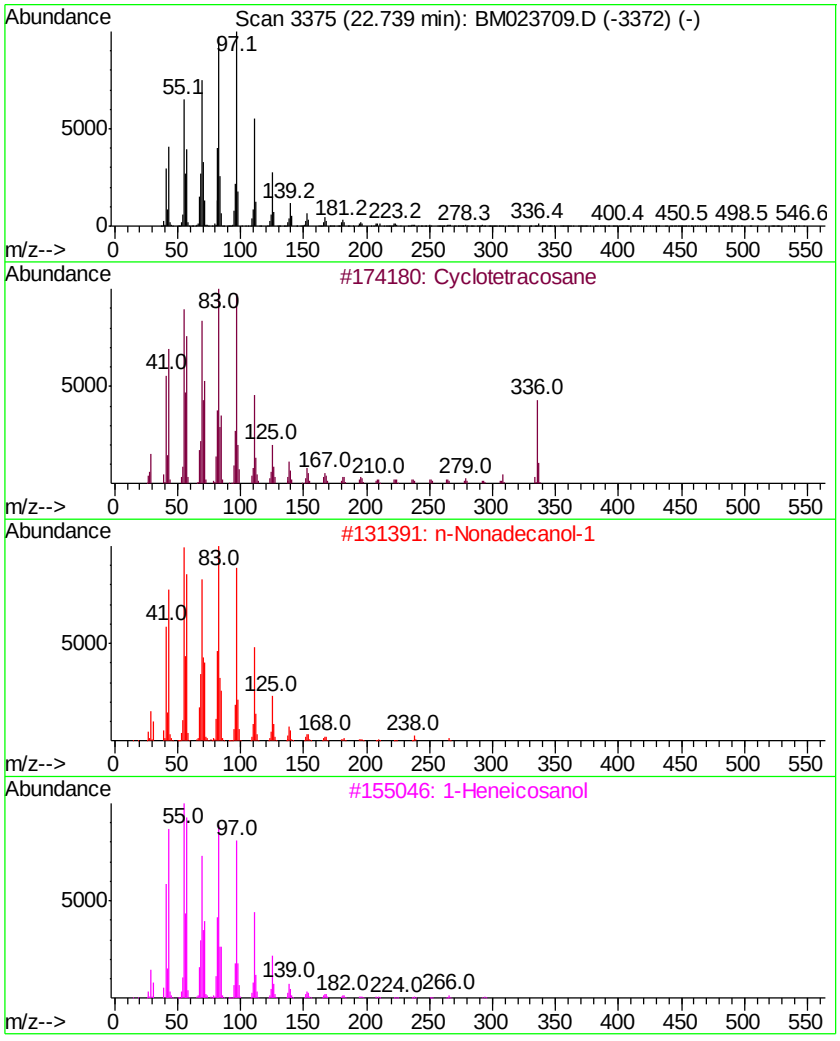
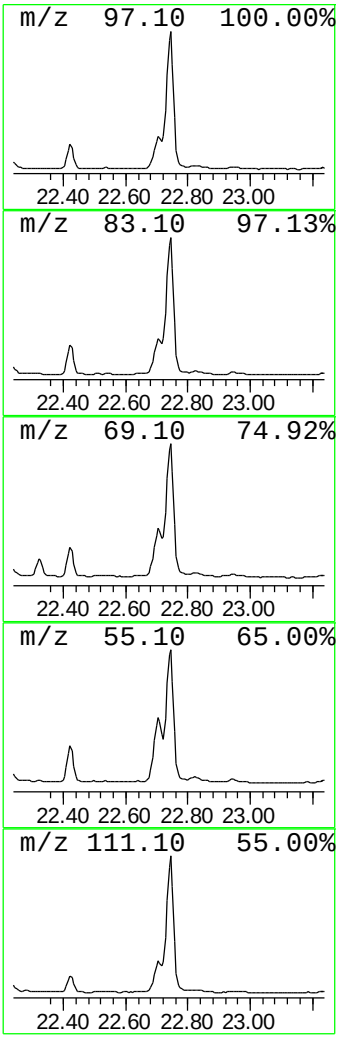
Peak Number 42 (DEL) Alkane: Cyclic22.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	106.47 ng/ul	43608600	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Behenic alcohol	326	C22H46O	000661-19-8	72
5	1-Docosene	308	C22H44	001599-67-3	64





Library Search Compound Report

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Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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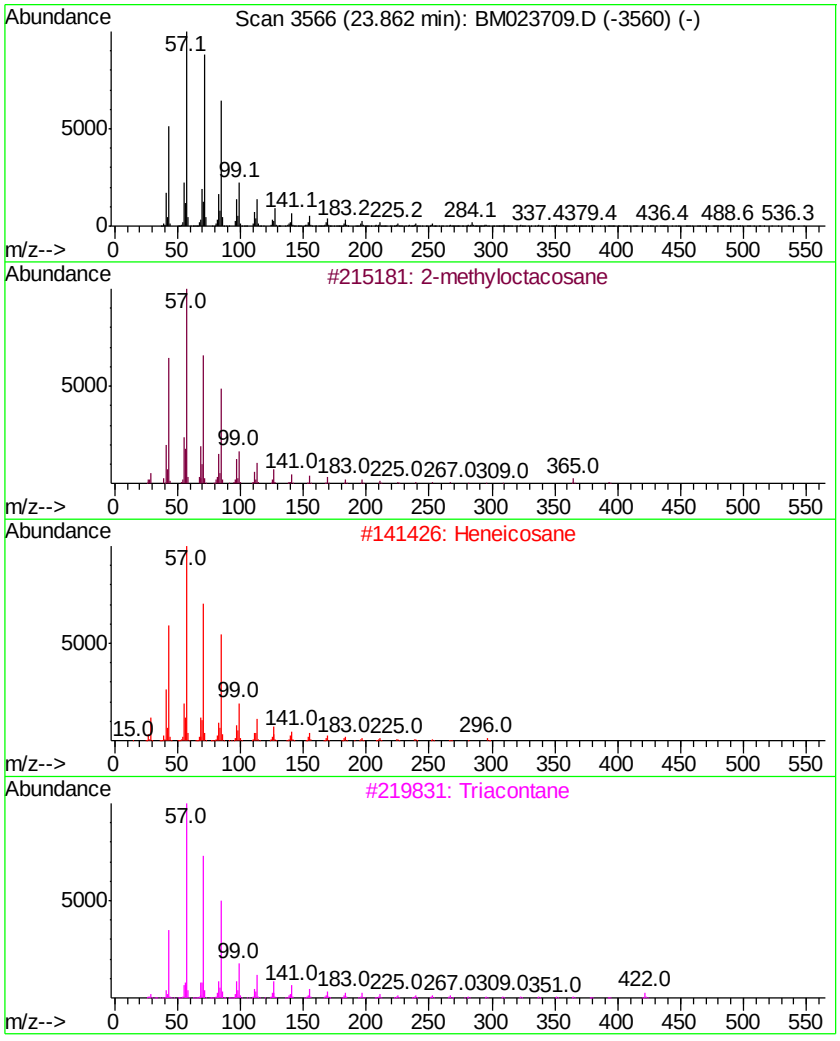
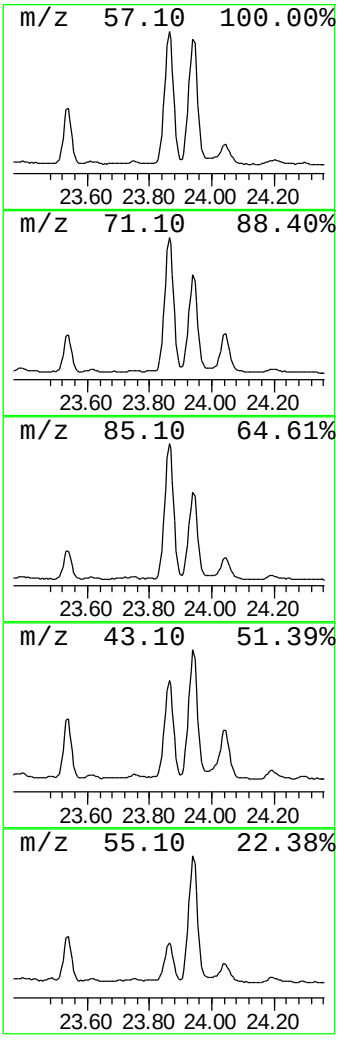
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	28.69 ng/ul	11751600	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\
Data File : BM023709.D
Acq On : 13 Nov 2019 22:31
Operator : JU
Sample : K5678-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzyl alcohol	7.79	6.6	ng/ul	967236	1	7.54	2929390	20.0
Nonanal	8.87	7.5	ng/ul	1097030	1	7.54	2929390	20.0
Nonanoic acid	11.16	3.2	ng/ul	733668	2	10.32	4598780	20.0
Benzaldehyde, 4-m...	11.28	2.8	ng/ul	650589	2	10.32	4598780	20.0
Benzaldehyde, 4-h...	12.53	3.0	ng/ul	1064670	3	14.20	7066040	20.0
trans-Cinnamic acid	13.33	4.8	ng/ul	1710790	3	14.20	7066040	20.0
N-.alpha.-t-Boc-L...	14.68	2.2	ng/ul	770543	3	14.20	7066040	20.0
1H-Cyclopropa[a]n...	15.60	17.7	ng/ul	5843260	4	16.95	6609560	20.0
(-)-Aristolene	15.64	2.7	ng/ul	894891	4	16.95	6609560	20.0
Benzo[b]thiophene...	15.77	3.4	ng/ul	1106660	4	16.95	6609560	20.0
2-Naphthalenemeth...	15.84	58.1	ng/ul	19196400	4	16.95	6609560	20.0
.alpha.-Bisabolol	15.96	4.4	ng/ul	1458370	4	16.95	6609560	20.0
unknown-01	16.85	8.2	ng/ul	2706940	4	16.95	6609560	20.0
2-Naphthalenemeth...	17.16	37.4	ng/ul	12343900	4	16.95	6609560	20.0
4-Heptafluorobuty...	17.36	3.4	ng/ul	1122420	4	16.95	6609560	20.0
unknown-02	17.42	3.1	ng/ul	1010740	4	16.95	6609560	20.0
unknown-03	17.46	4.3	ng/ul	1428650	4	16.95	6609560	20.0
unknown-04	17.67	2.1	ng/ul	698316	4	16.95	6609560	20.0
cis-9-Hexadecenoi...	17.82	3.1	ng/ul	1041530	4	16.95	6609560	20.0
unknown-05	18.07	2.0	ng/ul	666727	4	16.95	6609560	20.0
2-Methoxybenzoic ...	18.24	3.9	ng/ul	1301990	4	16.95	6609560	20.0
(DEL) Alkane: Cyc...	18.73	2.8	ng/ul	927733	4	16.95	6609560	20.0
unknown-06	18.82	6.4	ng/ul	2107850	4	16.95	6609560	20.0
Octadec-9-enoic acid	19.06	131.2	ng/ul	30512500	5	21.14	4651140	20.0
Octadecanoic acid	19.18	48.4	ng/ul	11251100	5	21.14	4651140	20.0
(DEL) Alkane: Cyc...	19.89	19.2	ng/ul	4474950	5	21.14	4651140	20.0
2-Bromo dodecane	19.93	31.0	ng/ul	7214710	5	21.14	4651140	20.0
(DEL) Alkane: Str...	20.43	14.7	ng/ul	3424380	5	21.14	4651140	20.0
Octadecanal	20.60	5.1	ng/ul	1191460	5	21.14	4651140	20.0
2-Propen-1-one, 1...	20.69	17.4	ng/ul	4048240	5	21.14	4651140	20.0
Cinnamyl cinnamate	20.72	19.7	ng/ul	4579510	5	21.14	4651140	20.0
(DEL) Alkane: Str...	20.90	171.3	ng/ul	39847300	5	21.14	4651140	20.0
unknown-07	20.97	19.8	ng/ul	4601610	5	21.14	4651140	20.0
(DEL) Alkane: Str...	21.33	21.9	ng/ul	5099010	5	21.14	4651140	20.0
(DEL) Alkane: Str...	22.20	10.3	ng/ul	2387700	5	21.14	4651140	20.0
(DEL) Alkane: Cyc...	22.74	106.5	ng/ul	43608600	6	23.32	8192080	20.0
(DEL) Alkane: Str...	23.86	28.7	ng/ul	11751600	6	23.32	8192080	20.0