LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006589.D
Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

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_N\METHODS\SOM-EPA-BN061919MA.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	3.128	21	24	35	rVB	55895	84394	0.38%	0.050%
2	4.281	214	220	234	rVB	180470	257111	1.17%	0.153%
3	4.740	294	298	309	rVB2	30455	58931	0.27%	0.035%
4	6.140	531	536	548	rVB	71284	111044	0.50%	0.066%
5	6.299	557	563	573	rVB	757067	1162588	5.28%	0.691%
6	6.599	609	614	620	rVB	74585	116199	0.53%	0.069%
7	6.752	635	640	643	rBV	108747	148928	0.68%	0.088%
8	6.799	643	648	662	rVV	988642	1613989	7.33%	0.959%
9	6.917	662	668	670	rVV2	78649	127868	0.58%	0.076%
10	6.952	670	674	685	rVV	823688	1320055	5.99%	0.784%
11	7.046	685	690	694	rVV	258634	441448	2.00%	0.262%
12	7.081	694	696	701	rVV	162160	190972	0.87%	0.113%
13	7.152	701	708	719	rVV	1003452	1629965	7.40%	0.968%
14	7.617	780	787	795	rBV	907820	1502701	6.82%	0.893%
15	7.746	804	809	815	rVV	160293	242186	1.10%	0.144%
16	7.822	815	822	828	rVV3	90348	172499	0.78%	0.102%
17	7.911	828	837	844	rVB2	273265	548579	2.49%	0.326%
18	8.275	891	899	903	rBV	280034	417919	1.90%	0.248%
19	8.328	903	908	922	rVV	1071889	1792955	8.14%	1.065%
20	8.769	977	983	1003	rVB	1001497	1708421	7.76%	1.015%
21	9.181	1044	1053	1058	rBV	80936	119166	0.54%	0.071%
22	9.487	1098	1105	1119	rBV	857042	1483426	6.73%	0.881%
23	10.028	1190	1197	1214	rBV	1277832	2300466	10.44%	1.367%
24	10.399	1251	1260	1266	rBV	1456555	2437430	11.06%	1.448%
25	10.540	1278	1284	1308	rVV	791922	1565777	7.11%	0.930%
26	11.675	1471	1477	1481	rBV	50530	74574	0.34%	0.044%
27	11.863	1502	1509	1522	rVB	348185	580565	2.64%	0.345%
28	13.140	1721	1726	1734	rBV4	91669	155269	0.70%	0.092%
29	13.587	1797	1802	1810	rVB	303652	429248	1.95%	0.255%
30	13.687	1812	1819	1823	rBV	2662745	3593857	16.31%	2.135%
31	13.734	1823	1827	1834	rVB	619947	839035	3.81%	0.498%
32	13.963	1856	1866	1874	rBV	2959155	4337259	19.69%	2.577%
33	14.228	1905	1911	1914	rBV	698133	928695	4.22%	0.552%
34	14.275	1914	1919	1926	rVV2	2234377	3395574	15.41%	2.017%

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Instrument : BNA_N
ClientSampleId : C5AB2

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_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

35	14.340	1926	1930	1933	rVV3	52924	86127	0.39%	0.051%
36	14.375	1933	1936	1943	rVB	93815	136604	0.62%	0.081%
37	14.510	1952	1959	1972	rBV2	675979	1547162	7.02%	0.919%
38	15.075	2051	2055	2059	rBV	46698	64642	0.29%	0.038%
39	15.163	2065	2070	2080	rVB	255716	388012	1.76%	0.230%
40	15.275	2082	2089	2095	rBV	3621114	5277748	23.96%	3.135%
41	15.422	2108	2114	2125	rBV	915597	1410256	6.40%	0.838%
42	15.510	2125	2129	2134	rVB	51888	75795	0.34%	0.045%
43	15.745	2162	2169	2179	rVB7	38563	116701	0.53%	0.069%
44	15.845	2181	2186	2192	rBV4	63260	103073	0.47%	0.061%
45	16.534	2300	2303	2310	rVB	56748	72340	0.33%	0.043%
46	16.792	2337	2347	2351	rBV4	46687	90240	0.41%	0.054%
47	17.028	2380	2387	2392	rBV2	2959088	4185791	19.00%	2.487%
48	17.069	2392	2394	2399	rVV	503773	619405	2.81%	0.368%
49	17.128	2399	2404	2412	rVV2	3863848	5719494	25.96%	3.398%
50	17.192	2412	2415	2427	rVB	262292	459515	2.09%	0.273%
51	17.440	2446	2457	2468	rBV2	54087	128280	0.58%	0.076%
52	17.740	2503	2508	2515	rVB2	727214	1010461	4.59%	0.600%
53	17.816	2515	2521	2527	rBV6	48537	103440	0.47%	0.061%
54	17.875	2527	2531	2534	rBV2	121080	191070	0.87%	0.114%
55	17.939	2537	2542	2550	rBV	1646960	2359713	10.71%	1.402%
56	18.104	2565	2570	2574	rBV2	84427	138173	0.63%	0.082%
57	18.198	2581	2586	2593	rBV2	280108	420295	1.91%	0.250%
58	18.269	2595	2598	2608	rVB9	53921	118177	0.54%	0.070%
59	18.416	2619	2623	2627	rVB2	69214	90496	0.41%	0.054%
60	18.463	2627	2631	2635	rVB	76294	102621	0.47%	0.061%
61	18.551	2642	2646	2650	rBV2	173155	221125	1.00%	0.131%
62	18.587	2650	2652	2661	rVV3	79507	151957	0.69%	0.090%
63	18.751	2677	2680	2686	rVB3	71597	97472	0.44%	0.058%
64	18.869	2696	2700	2708	rVB5	161383	298368	1.35%	0.177%
65	19.098	2731	2739	2753	rBV	1554469	2610124	11.85%	1.551%
66	19.228	2754	2761	2772	rBV	644116	1128895	5.12%	0.671%
67	19.439	2791	2797	2801	rBV	5122215	7388202	33.54%	4.389%
68	19.469	2801	2802	2811	rVB	1202684	970974	4.41%	0.577%
69	19.651	2830	2833	2835	rBV	58517	78122	0.35%	0.046%
70	19.922	2875	2879	2884	rBV	1044332	1492248	6.77%	0.886%
71	19.969	2884	2887	2896	rVB3	282073	578592	2.63%	0.344%

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Misc :
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Instrument : BNA_N
ClientSampleId : C5AB2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Title : SVOA CALIBRATION

72	20.075	2901	2905	2909	rBV	115192	159526	0.72%	0.095%
73	20.128	2909	2914	2918	rBV2	697970	857317	3.89%	0.509%
74	20.204	2924	2927	2931	rBV4	58061	79862	0.36%	0.047%
75	20.322	2945	2947	2950	rVB4	85722	83073	0.38%	0.049%
76	20.469	2961	2972	2988	rBV	10600014	22028621	100.00%	13.086%
77	20.816	3029	3031	3037	rBV3	149052	215050	0.98%	0.128%
78	20.892	3040	3044	3047	rVV2	163021	237606	1.08%	0.141%
79	20.957	3048	3055	3064	rVB3	1389186	2175767	9.88%	1.293%
80	21.116	3078	3082	3087	rBV2	328917	491957	2.23%	0.292%
81	21.163	3087	3090	3095	rVV	236906	282171	1.28%	0.168%
82	21.251	3098	3105	3108	rVV2	3597390	5530166	25.10%	3.285%
83	21.286	3108	3111	3118	rVB	818371	1085245	4.93%	0.645%
84	21.398	3127	3130	3134	rVB2	271956	286161	1.30%	0.170%
85	21.828	3200	3203	3206	rBV	623448	749515	3.40%	0.445%
86	22.286	3277	3281	3285	rBV	641263	788088	3.58%	0.468%
87	22.516	3315	3320	3326	rBV	3989553	5142389	23.34%	3.055%
88	22.792	3361	3367	3370	rBV	1747659	2913182	13.22%	1.731%
89	22.839	3370	3375	3387	rVB2	7276981	12750416	57.88%	7.574%
90	23.286	3446	3451	3454	rBV	317395	553509	2.51%	0.329%
91	23.339	3454	3460	3465	rVV	3256030	5705529	25.90%	3.389%
92	23.480	3477	3484	3490	rBV	1927127	3574038	16.22%	2.123%
93	23.657	3508	3514	3522	rVB	1494733	2555584	11.60%	1.518%
94	23.980	3562	3569	3576	rVB	2248270	4419304	20.06%	2.625%
95	24.063	3576	3583	3612	rVB	5689688	13086303	59.41%	7.774%
96	24.710	3686	3693	3710	rVB2	427180	1207781	5.48%	0.717%
97	25.145	3761	3767	3779	rVB	722464	1624530	7.37%	0.965%
98	25.557	3830	3837	3845	rBV	680276	1662889	7.55%	0.988%
99	26.463	3984	3991	4000	rBV3	329168	924210	4.20%	0.549%
100	27.992	4244	4251	4268	rVB3	365157	1246672	5.66%	0.741%

Sum of corrected areas: 168337264

LSC Report - Integrated Chromatogram

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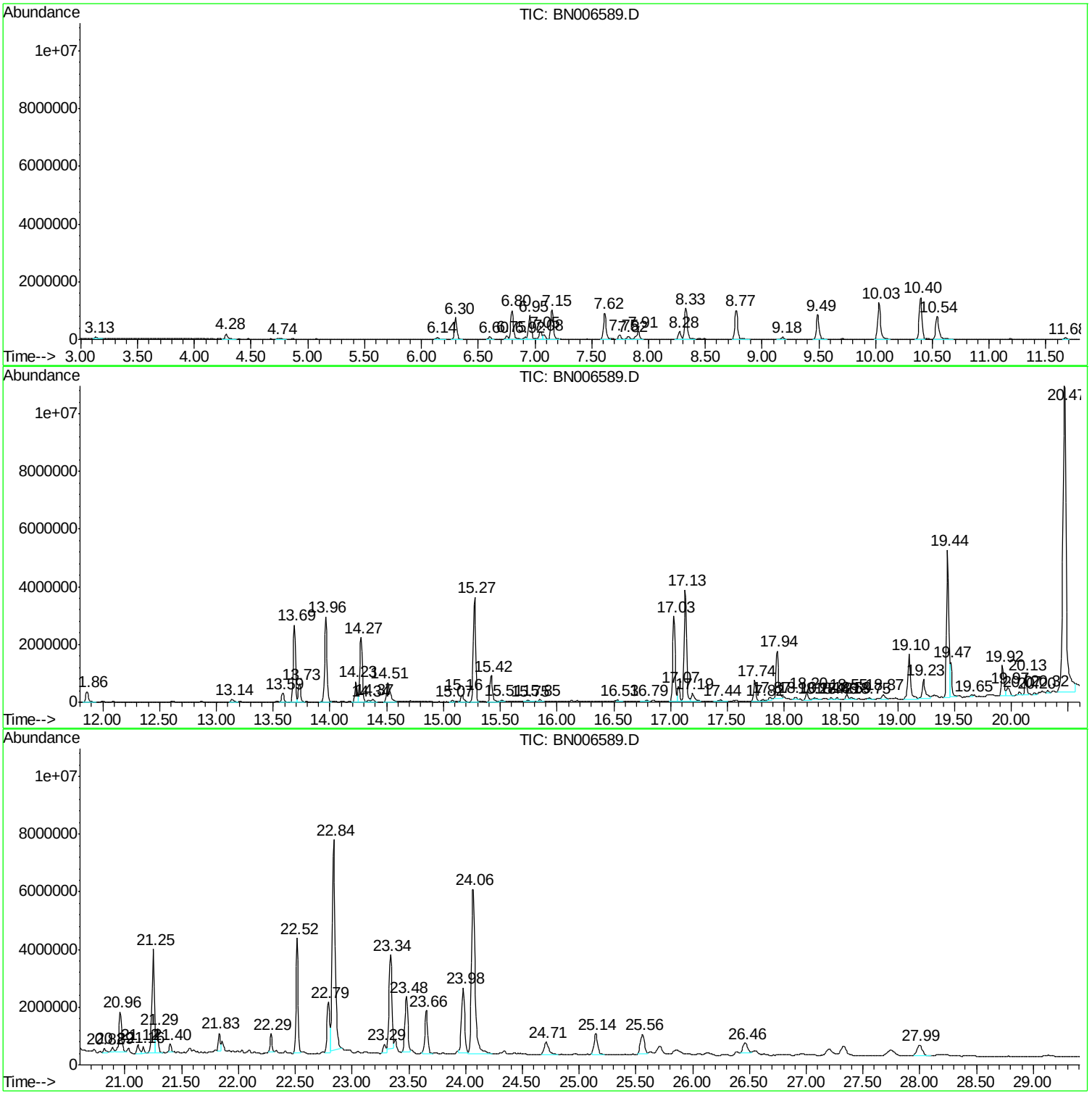
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
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ClientSampleId : C5AB2

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Quant Title : SVOA CALIBRATION

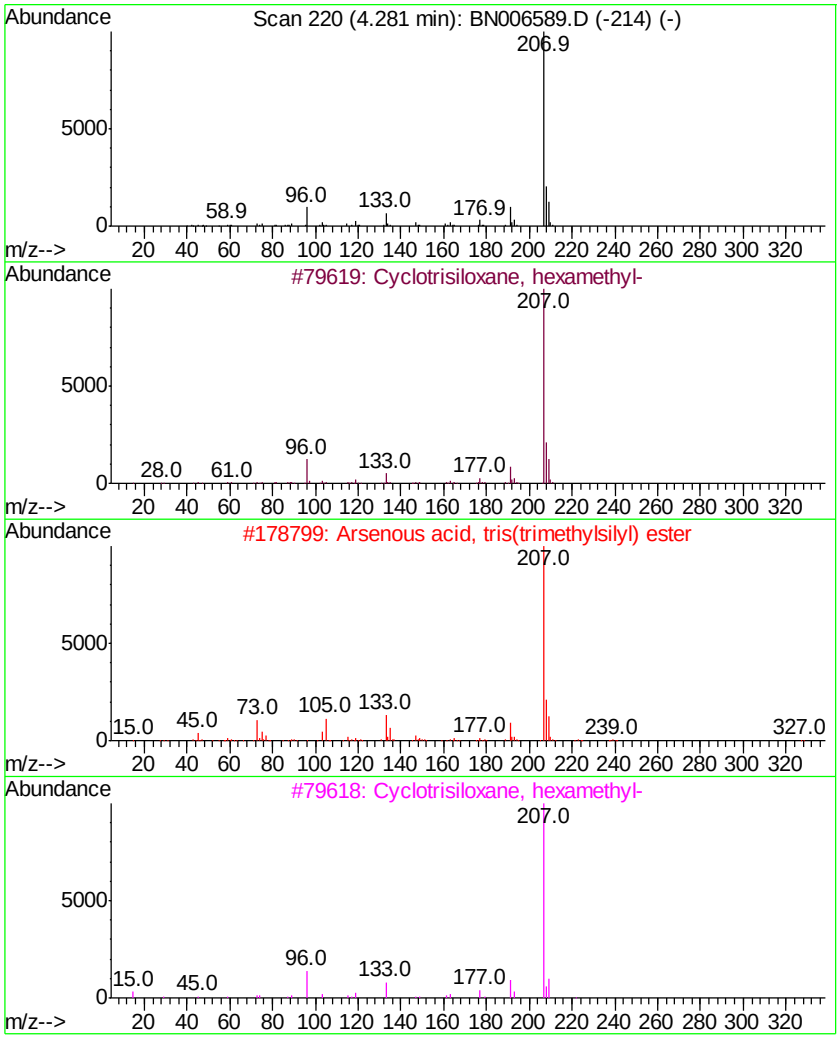
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

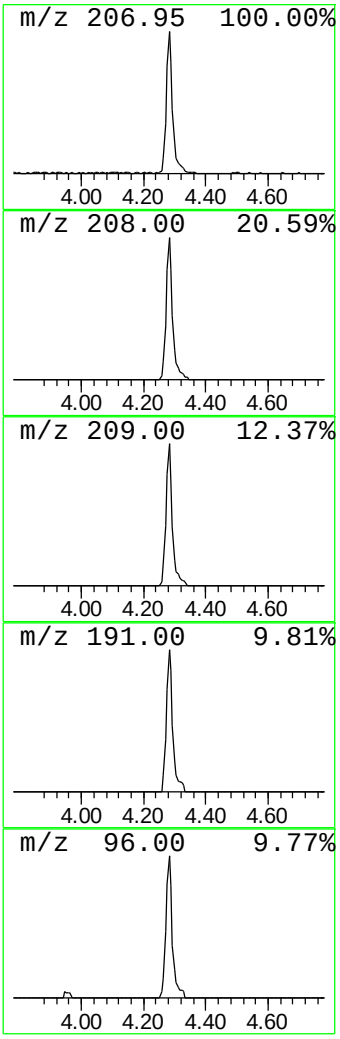
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	3.42 ng/ul	257111	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	78
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	49
5	4-Cyclohexene-1,2-dicarboximide,...	207	C12H17NO2	028916-00-9	42





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

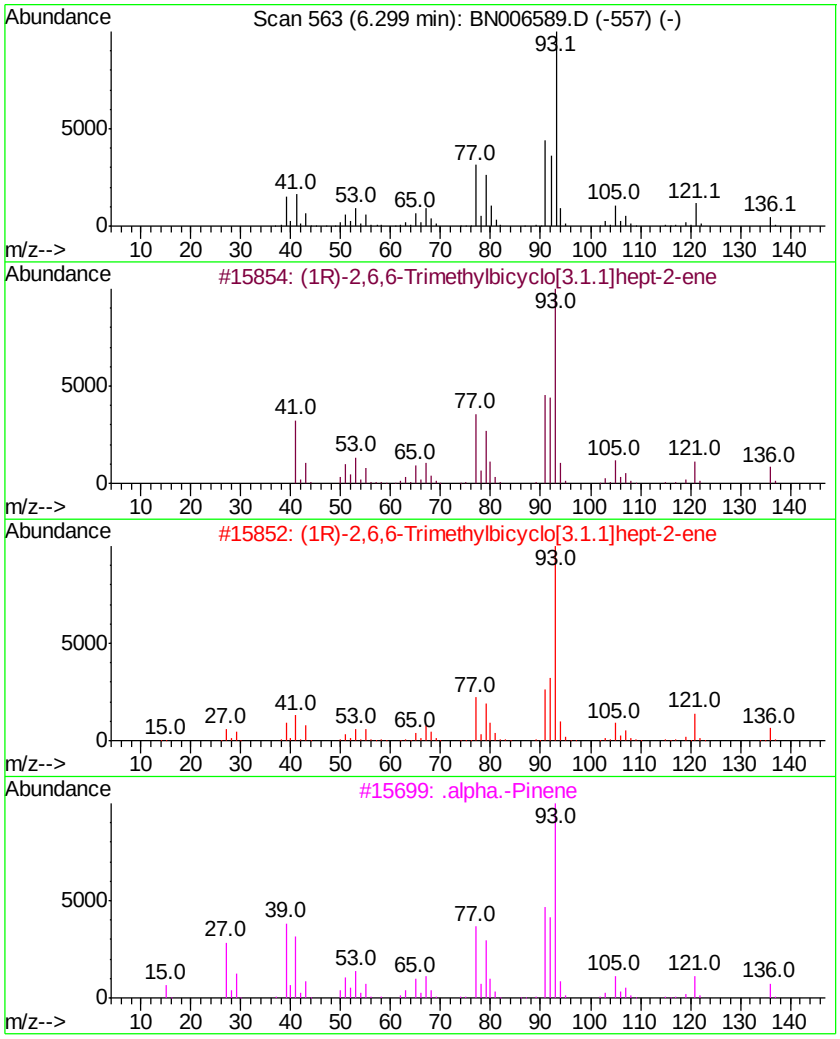
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

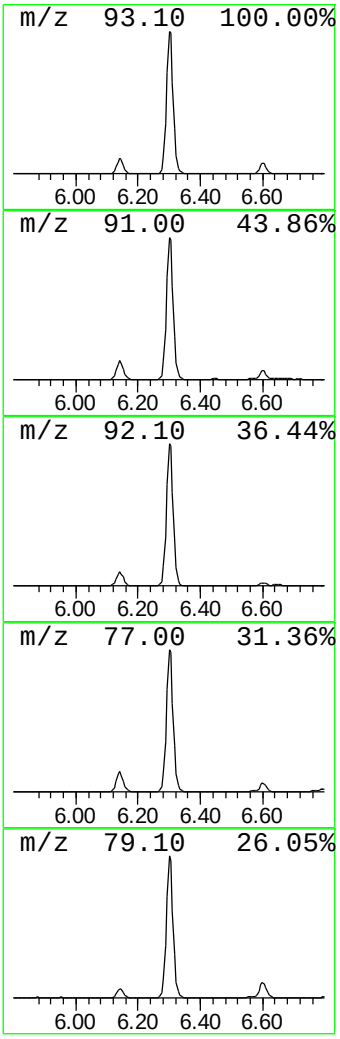
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	15.47 ng/ul	1162590	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





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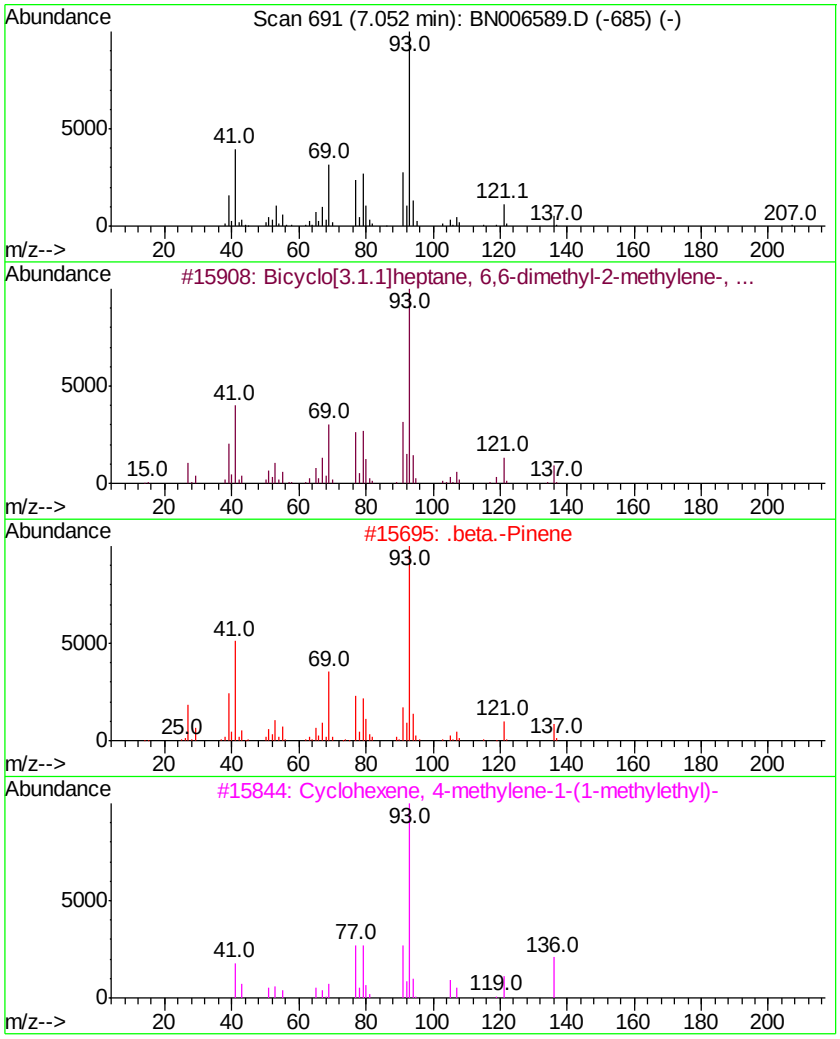
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

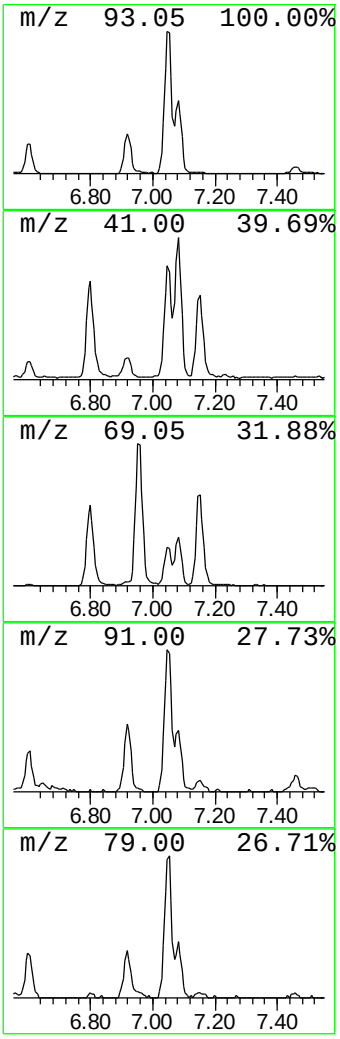
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	5.88 ng/ul	441448	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	.beta.-Pinene	136	C10H16	000127-91-3	87





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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

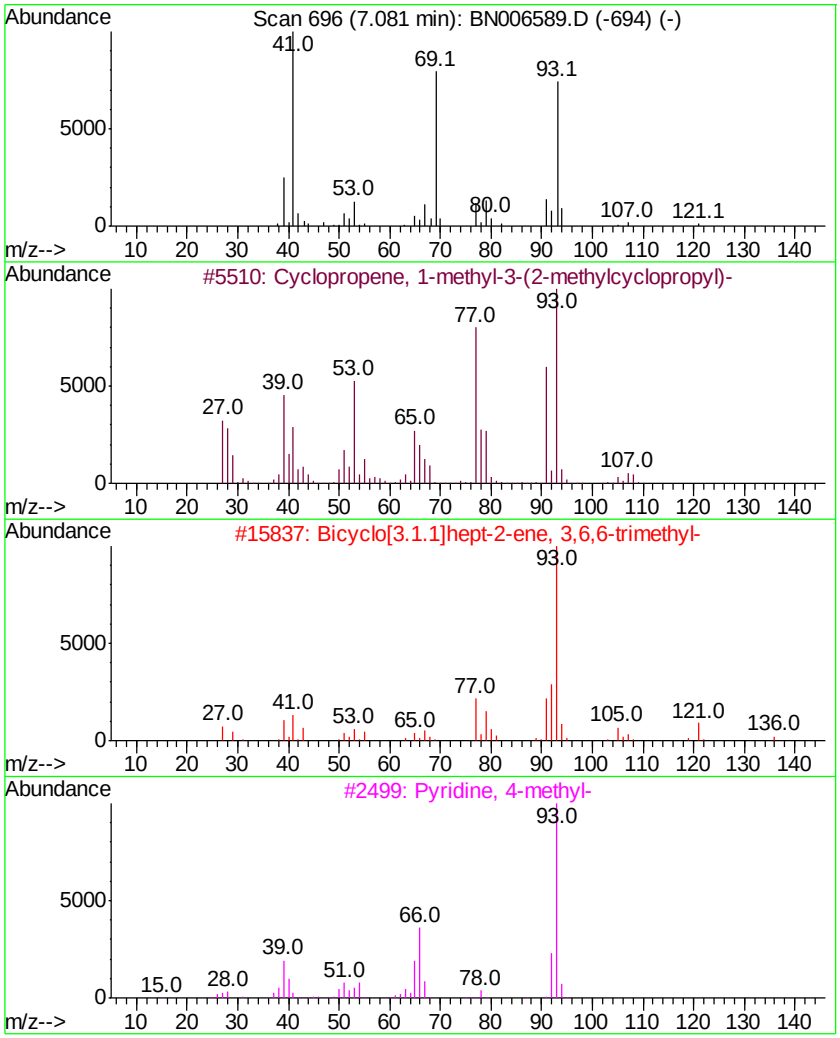
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

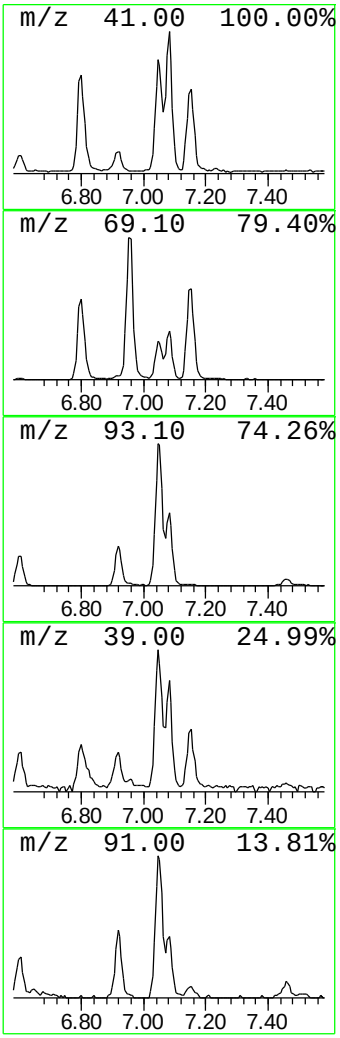
****

Peak Number 4 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	2.54 ng/ul	190972	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropene, 1-methyl-3-(2-meth...	108	C8H12	061142-26-5	38
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	37
3	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	35
4	Betahistine	136	C8H12N2	005638-76-6	25
5	2,6-Octadien-1-ol, 2,7-dimethyl-	154	C10H18O	022410-74-8	25





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

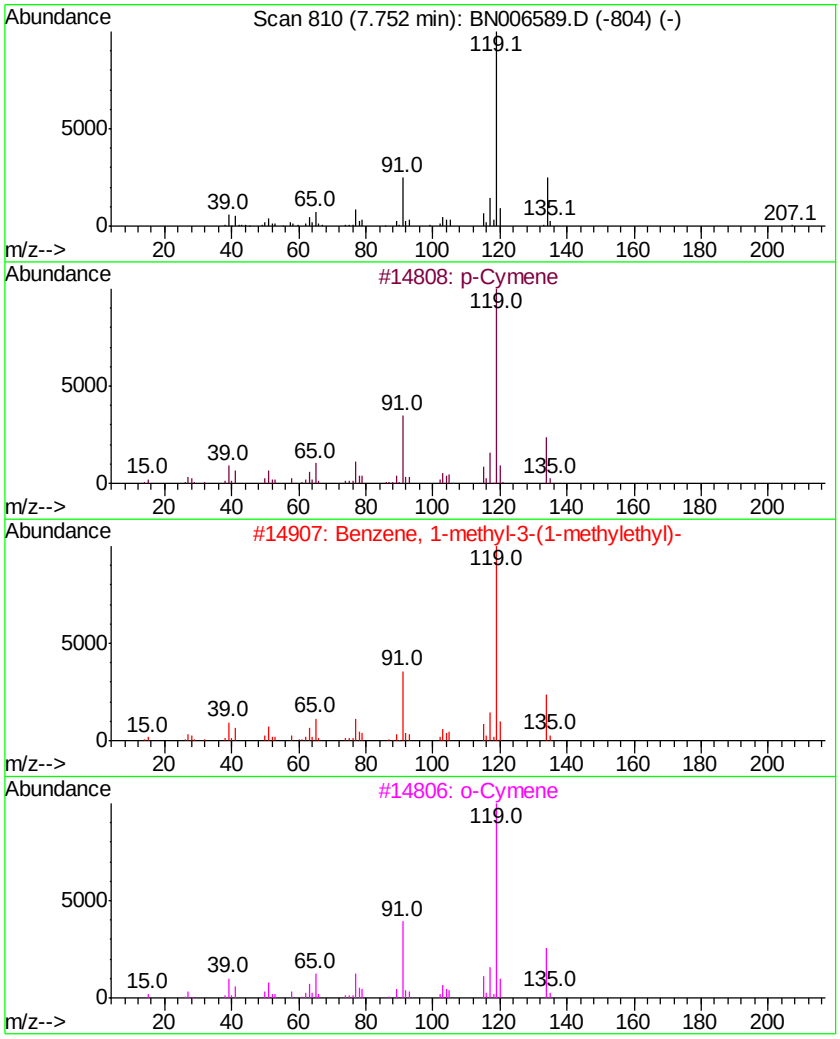
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

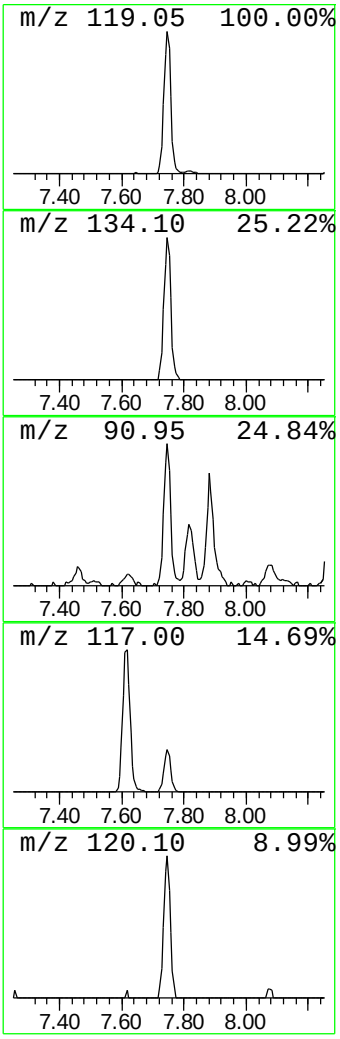
****

Peak Number 5 p-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	3.22 ng/ul	242186	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Misc :
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Instrument : BNA_N
ClientSampleId : C5AB2

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Quant Title : SVOA CALIBRATION

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

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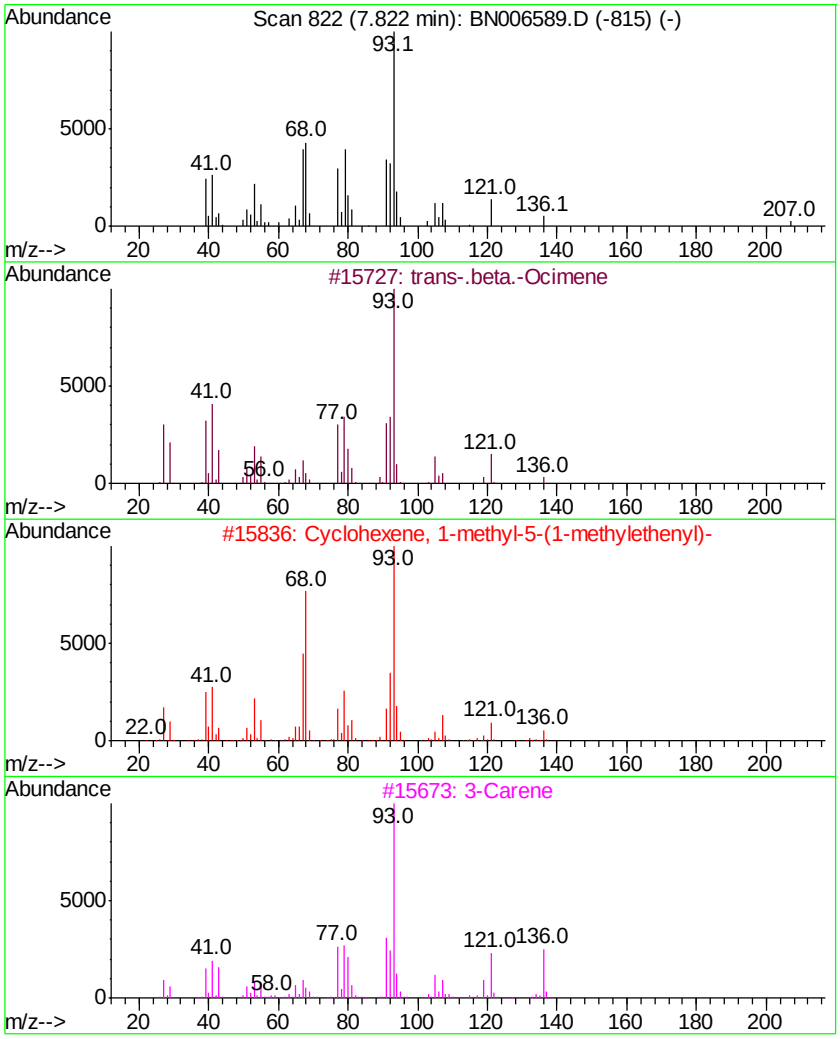
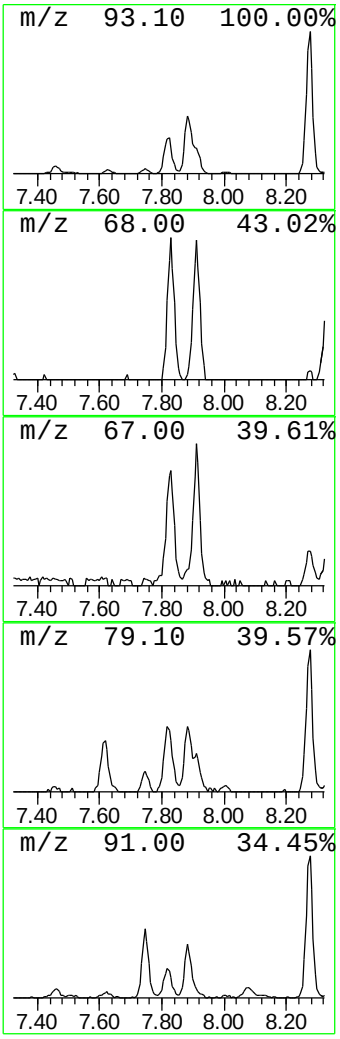
Peak Number 6 trans-.beta.-Ocimene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.30 ng/ul	172499	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	92
2	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	62
3	3-Carene	136	C10H16	013466-78-9	58
4	.beta.-Ocimene	136	C10H16	013877-91-3	58
5	3-Carene	136	C10H16	013466-78-9	58





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Quant Title : SVOA CALIBRATION

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

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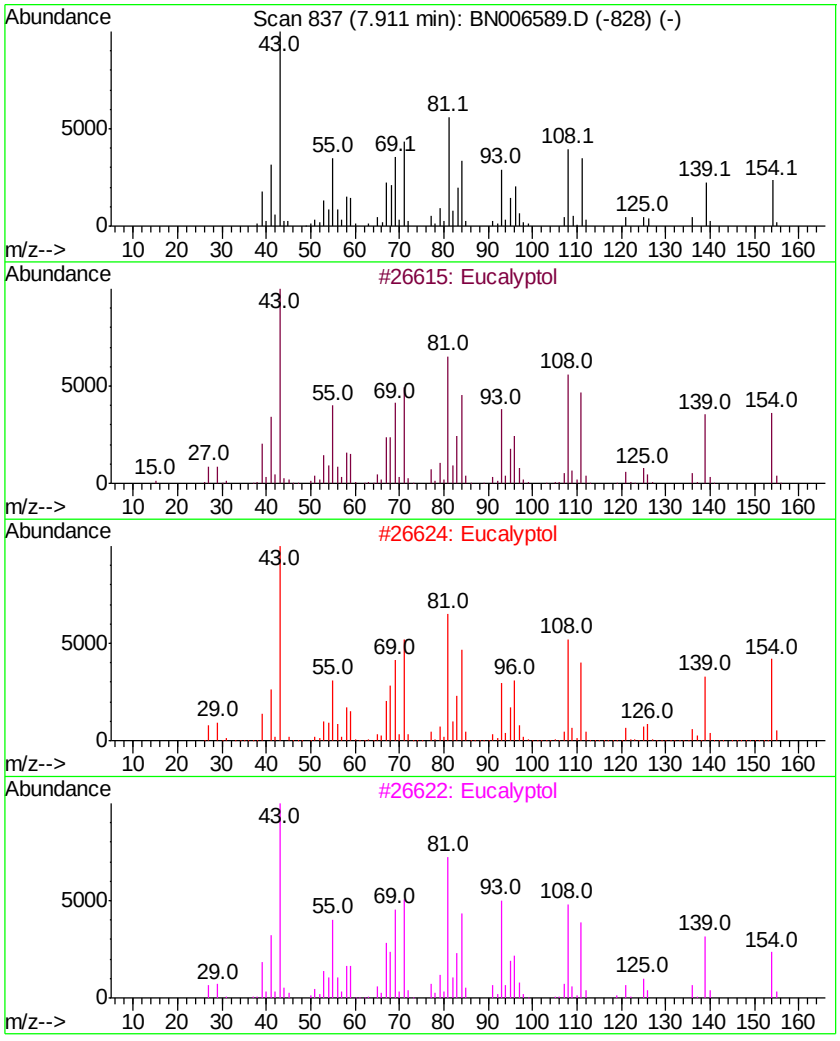
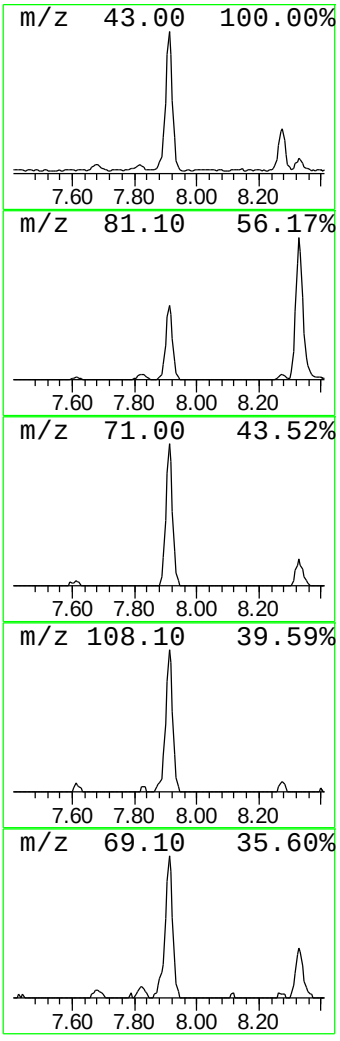
Peak Number 7 Eucalyptol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	7.30 ng/ul	548579	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Eucalyptol	154	C10H18O	000470-82-6	95
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	81
5	Eucalyptol	154	C10H18O	000470-82-6	80





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Quant Title : SVOA CALIBRATION

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

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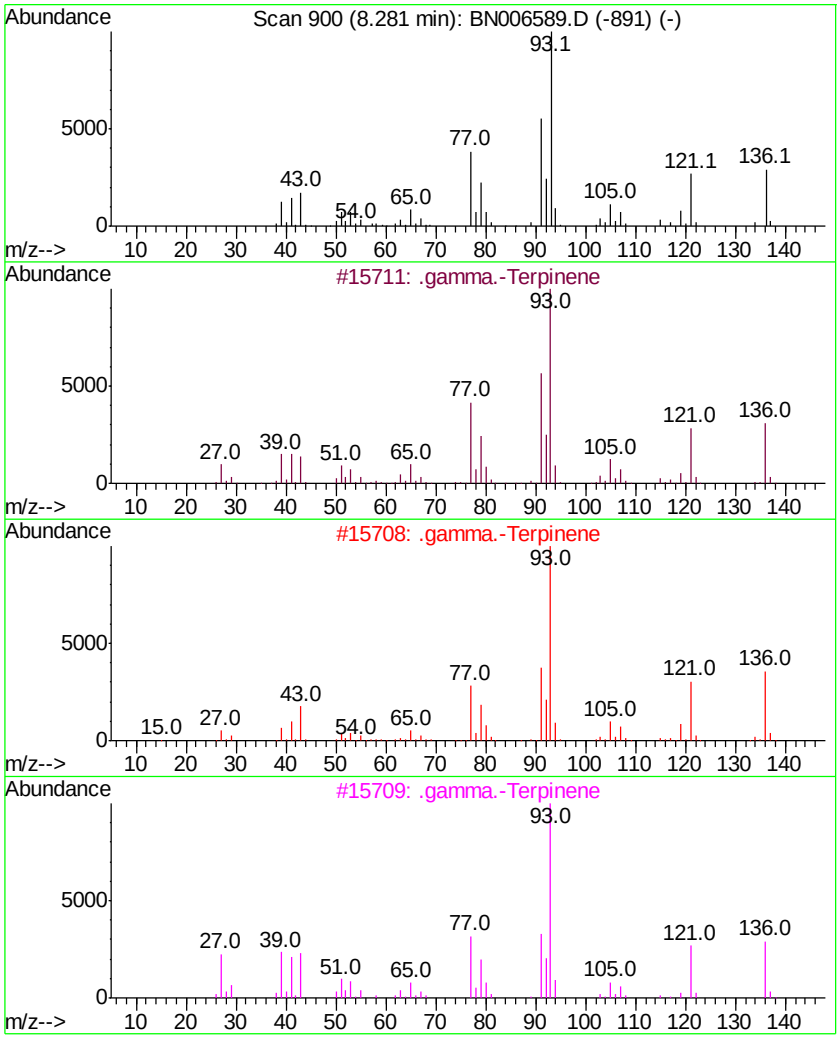
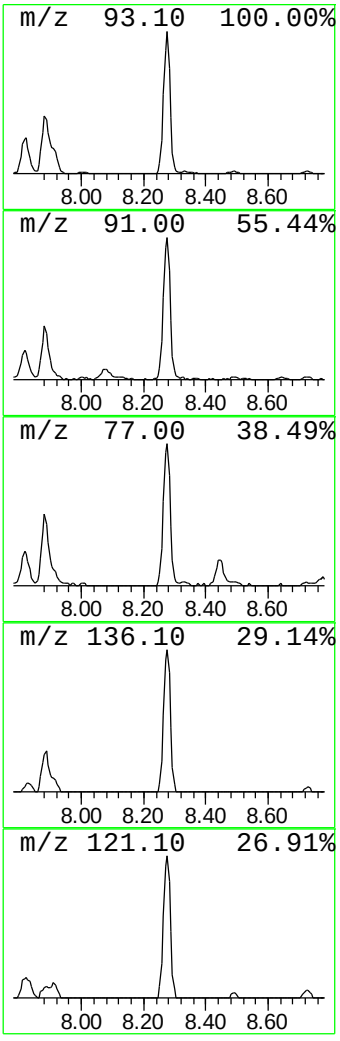
Peak Number 8 .gamma.-Terpinene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	5.56 ng/ul	417919	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Terpinene	136	C10H16	000099-85-4	97
2	.gamma.-Terpinene	136	C10H16	000099-85-4	96
3	.gamma.-Terpinene	136	C10H16	000099-85-4	95
4	.gamma.-Terpinene	136	C10H16	000099-85-4	95
5	(+)-3-Carene	136	C10H16	000498-15-7	94





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Quant Title : SVOA CALIBRATION

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

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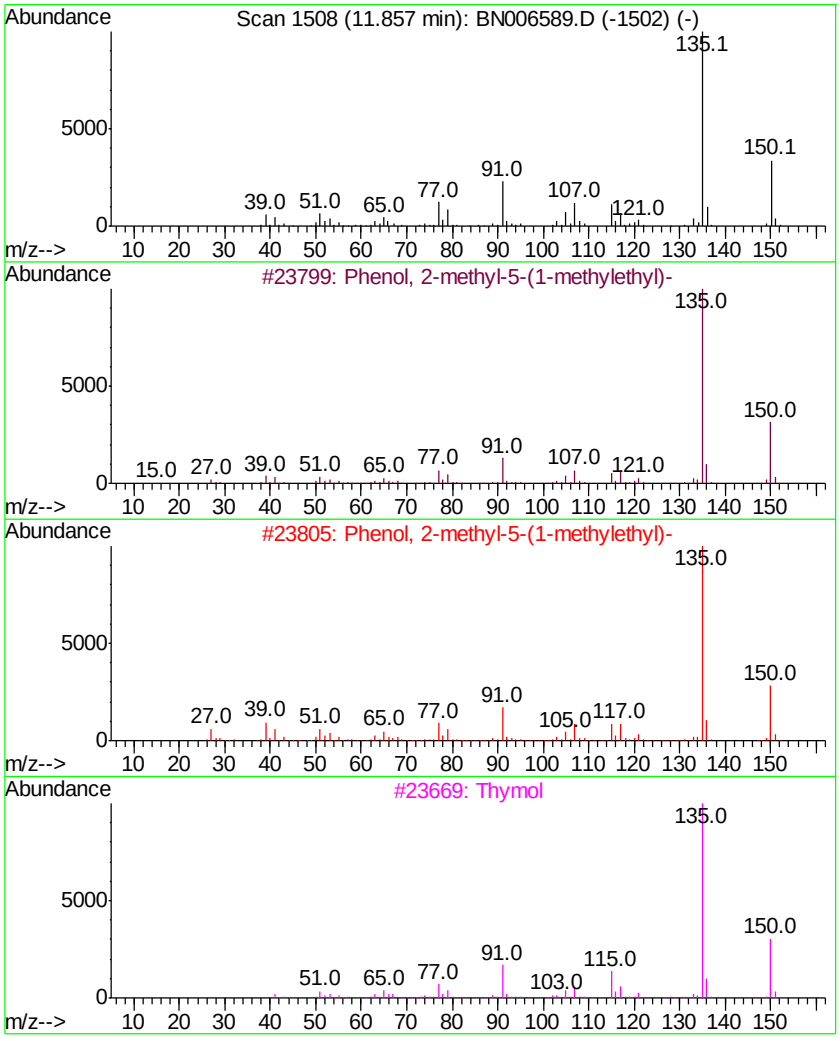
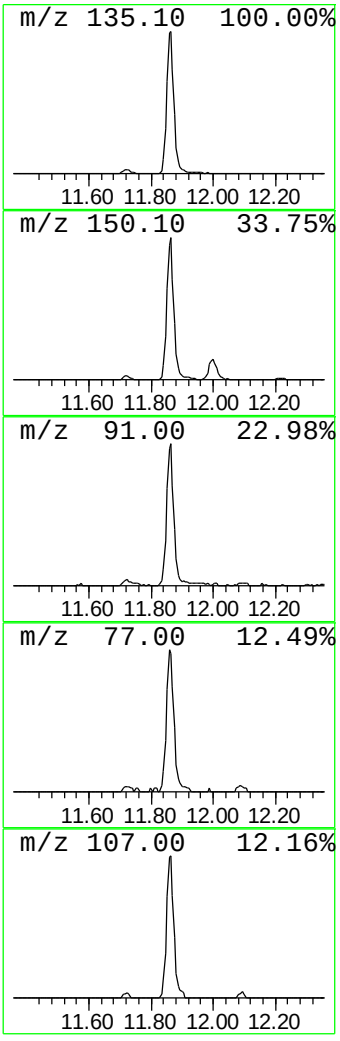
Peak Number 9 Phenol, 2-methyl-5-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.76 ng/ul	580565	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	93
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	93
3	Thymol	150	C10H14O	000089-83-8	91
4	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	90
5	3,4-Diethylphenol	150	C10H14O	000875-85-4	90





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Quant Title : SVOA CALIBRATION

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

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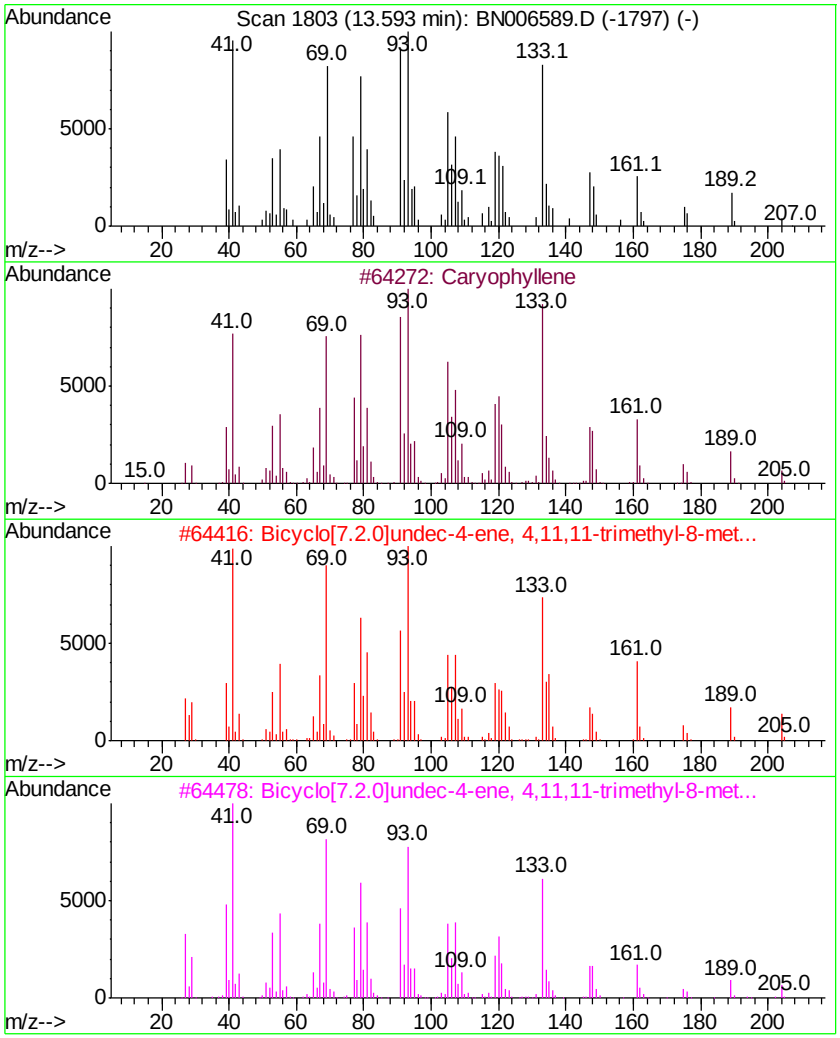
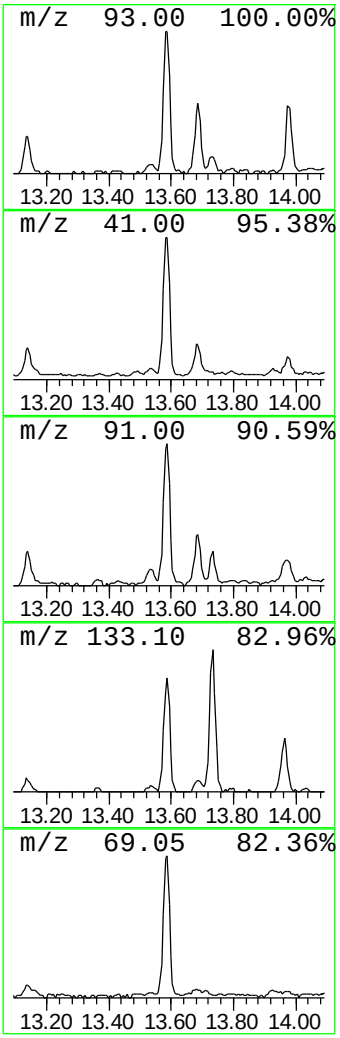
Peak Number 10 Caryophyllene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.53 ng/ul	429248	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
4	Caryophyllene	204	C15H24	000087-44-5	91
5	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	90





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Quant Title : SVOA CALIBRATION

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

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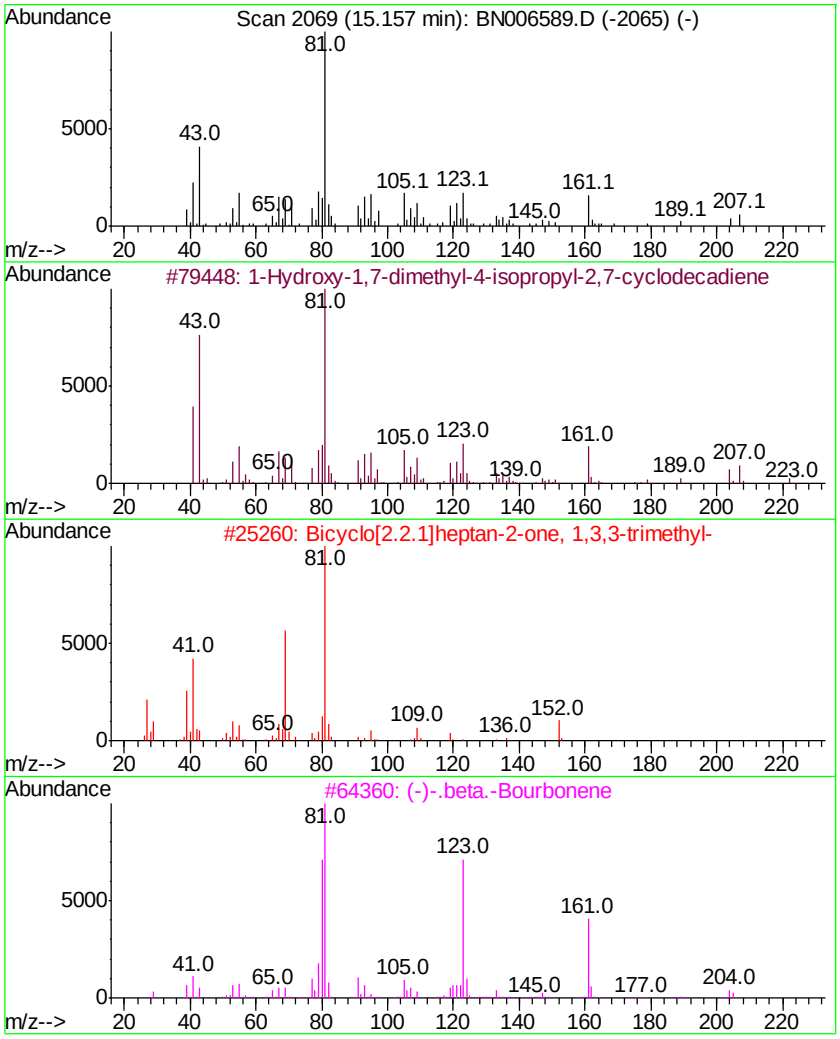
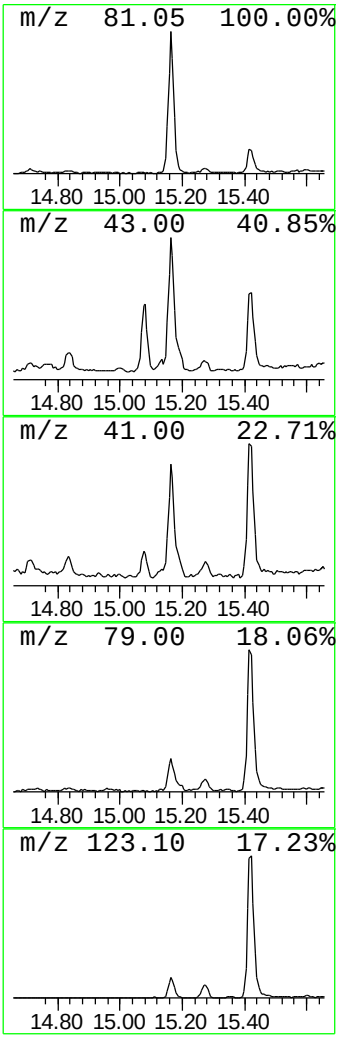
Peak Number 11 1-Hydroxy-1,7-dimethyl-4-is... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.29 ng/ul	388012	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-1,7-dimethyl-4-isoprop...	222	C15H26O	072120-50-4	91
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	53
3	(-)-.beta.-Bourbonene	204	C15H24	005208-59-3	52
4	Cyclohexanol, 4-(1-methylethyl)-	142	C9H18O	004621-04-9	50
5	Bornyl bromide	216	C10H17Br	004443-48-5	50





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Quant Title : SVOA CALIBRATION

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

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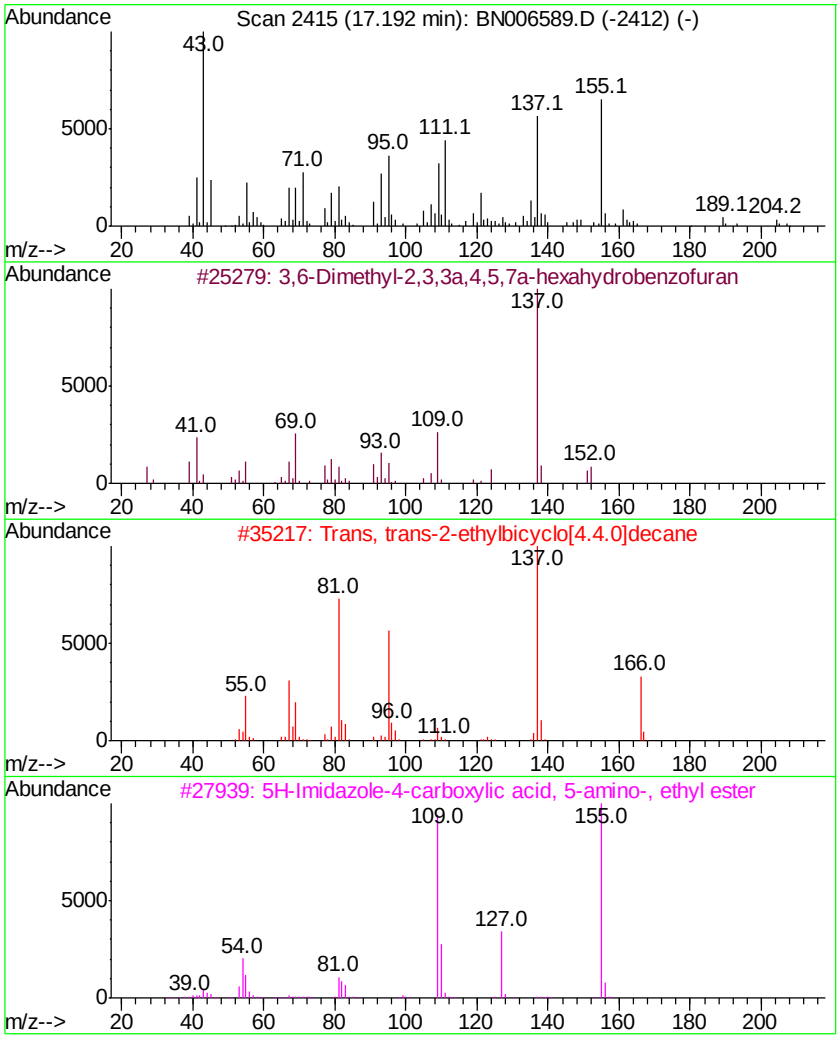
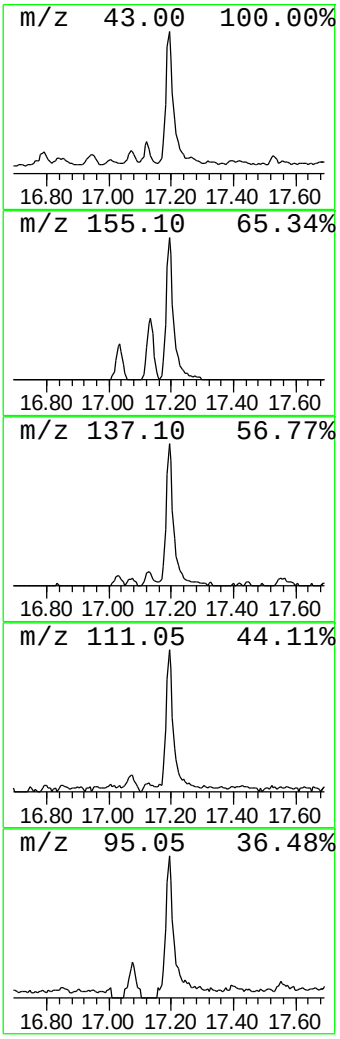
Peak Number 12 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	2.20 ng/ul	459515	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	25
2	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	14
3	5H-Imidazole-4-carboxylic acid, ...	155	C6H9N3O2	1000303-21-9	14
4	4-Nitrocatechol	155	C6H5NO4	003316-09-4	14
5	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	11





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Quant Title : SVOA CALIBRATION

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

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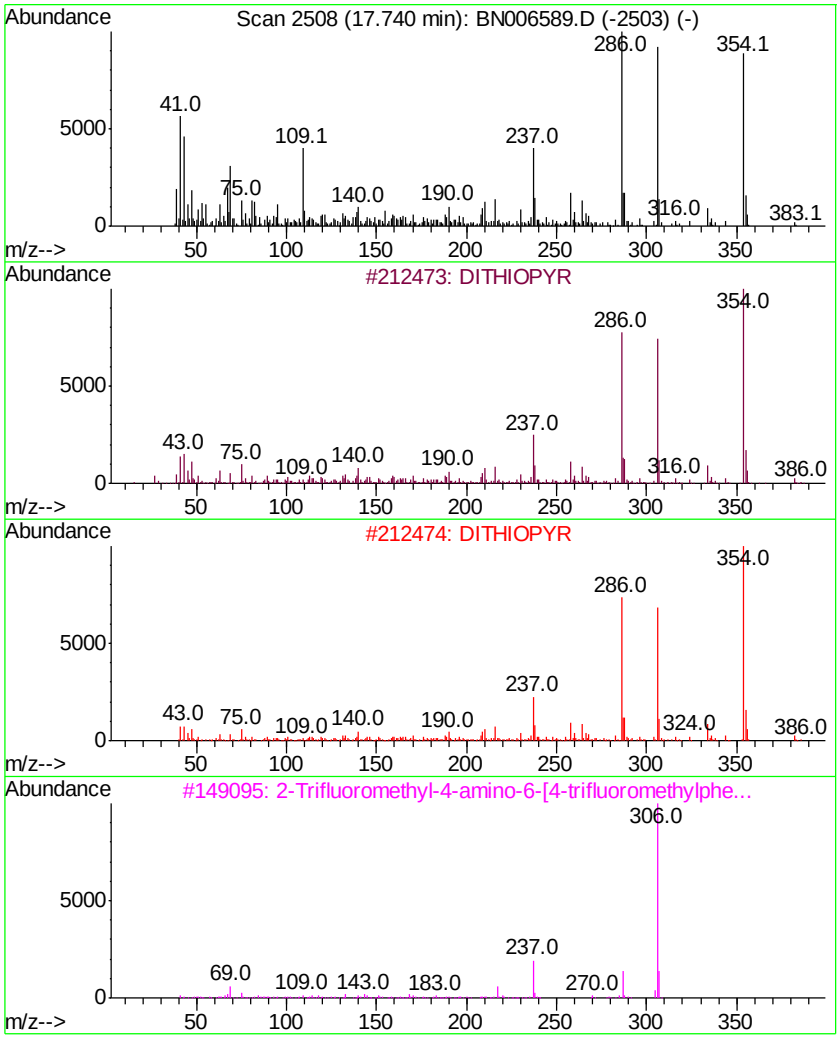
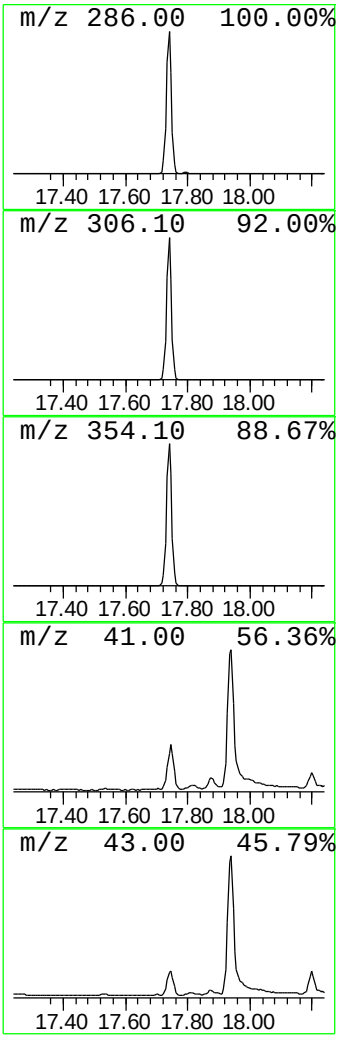
Peak Number 13 DITHIOPYR Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	4.83 ng/ul	1010460	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DITHIOPYR	401	C15H16F5NO2S2	097886-45-8	93
2	DITHIOPYR	401	C15H16F5NO2S2	097886-45-8	90
3	2-Trifluoromethyl-4-amino-6-[4-t...	306	C13H8F6N2	1000213-69-4	27
4	Acetamide, 2,2,2-trifluoro-N-(1,...	355	C16H16F3N3OS	1000276-47-1	15
5	5-(Acridin-9-yl)-2-aminophenol	286	C19H14N2O	1000326-85-0	15





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Quant Title : SVOA CALIBRATION

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

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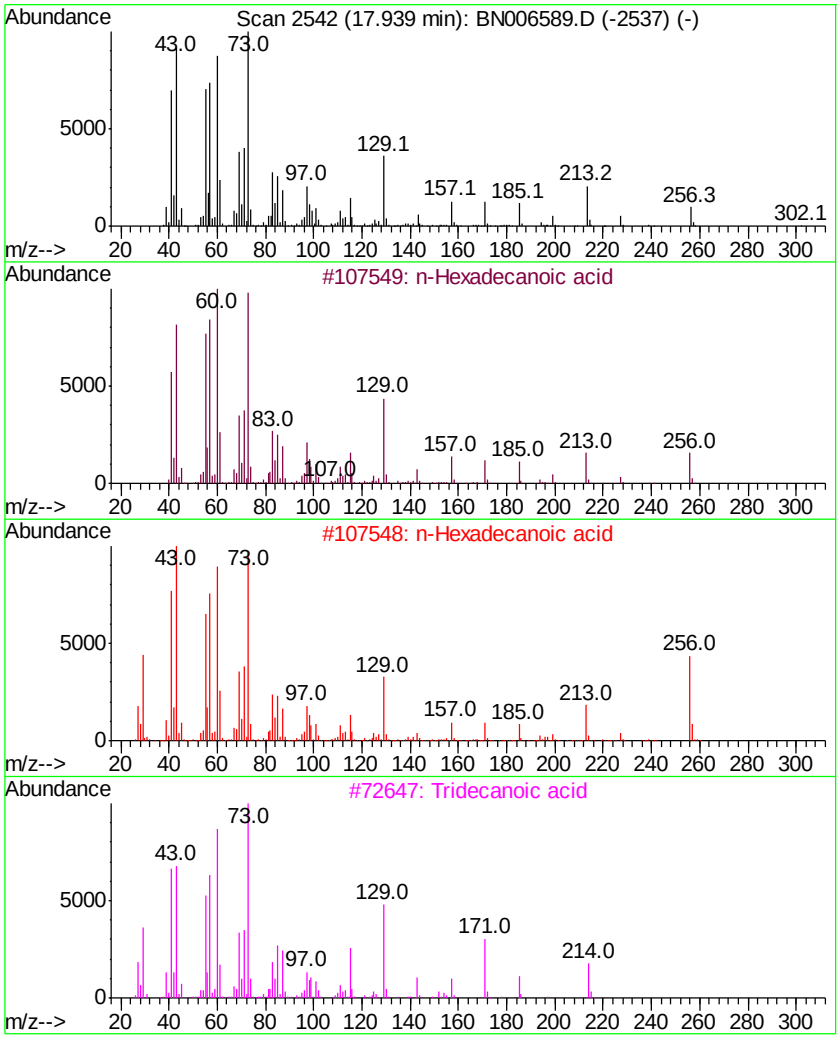
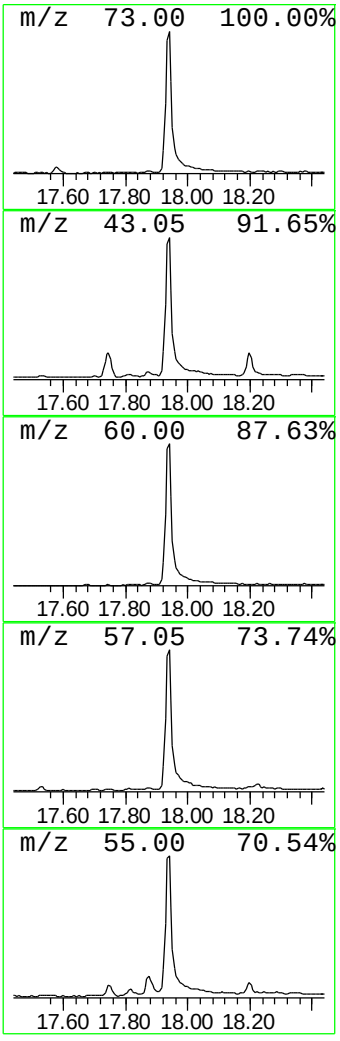
Peak Number 14 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	11.27 ng/ul	2359710	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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

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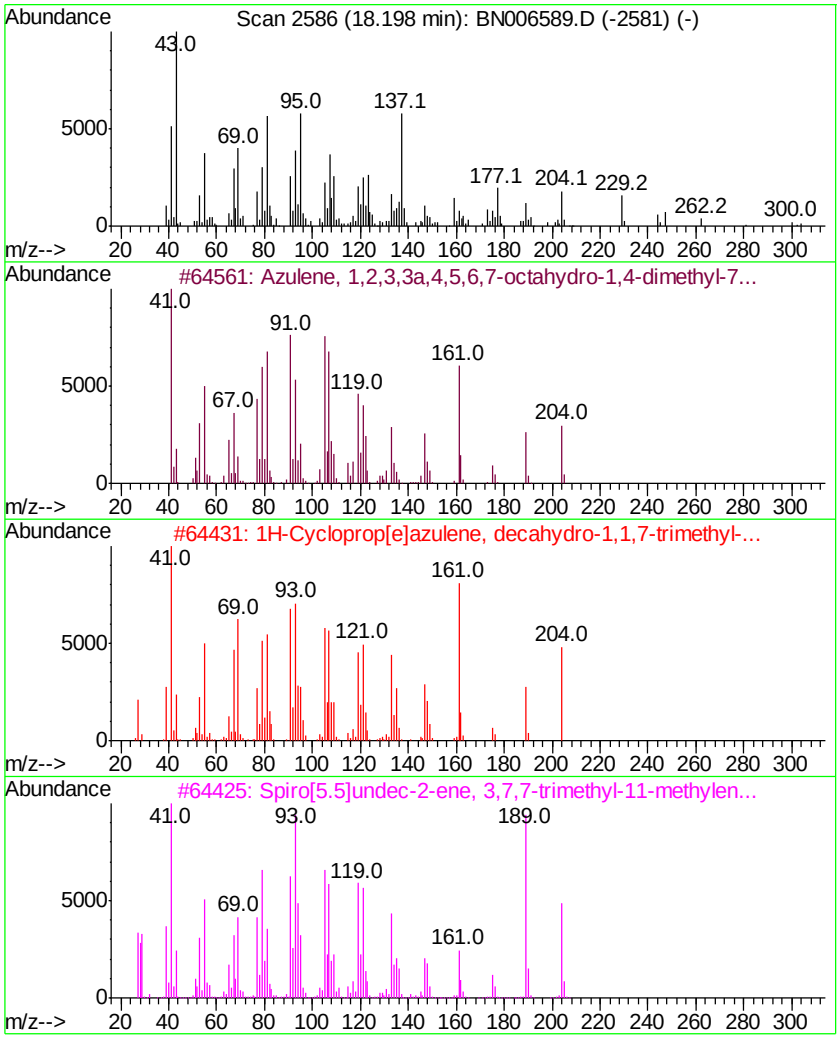
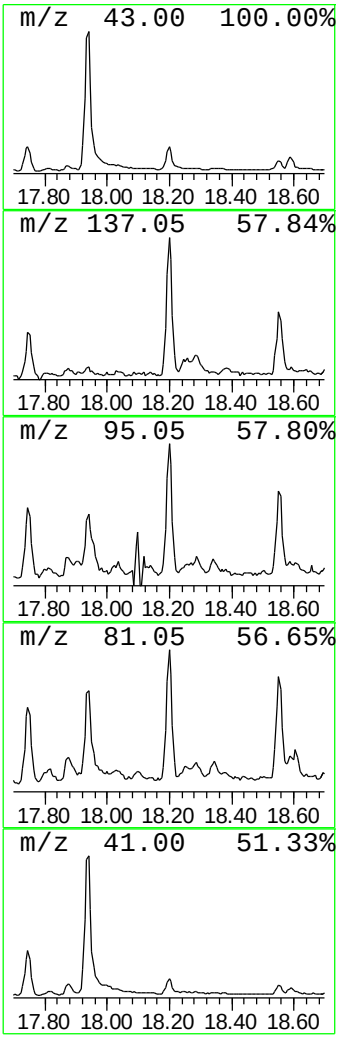
Peak Number 15 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.01 ng/ul	420295	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,3a,4,5,6,7-octahv...	204	C15H24	022567-17-5	41
2	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	38
3	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	30
4	3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	30
5	3-Iodomethyl-3,6,6-trimethyl-cyc...	264	C10H17I	1000193-08-2	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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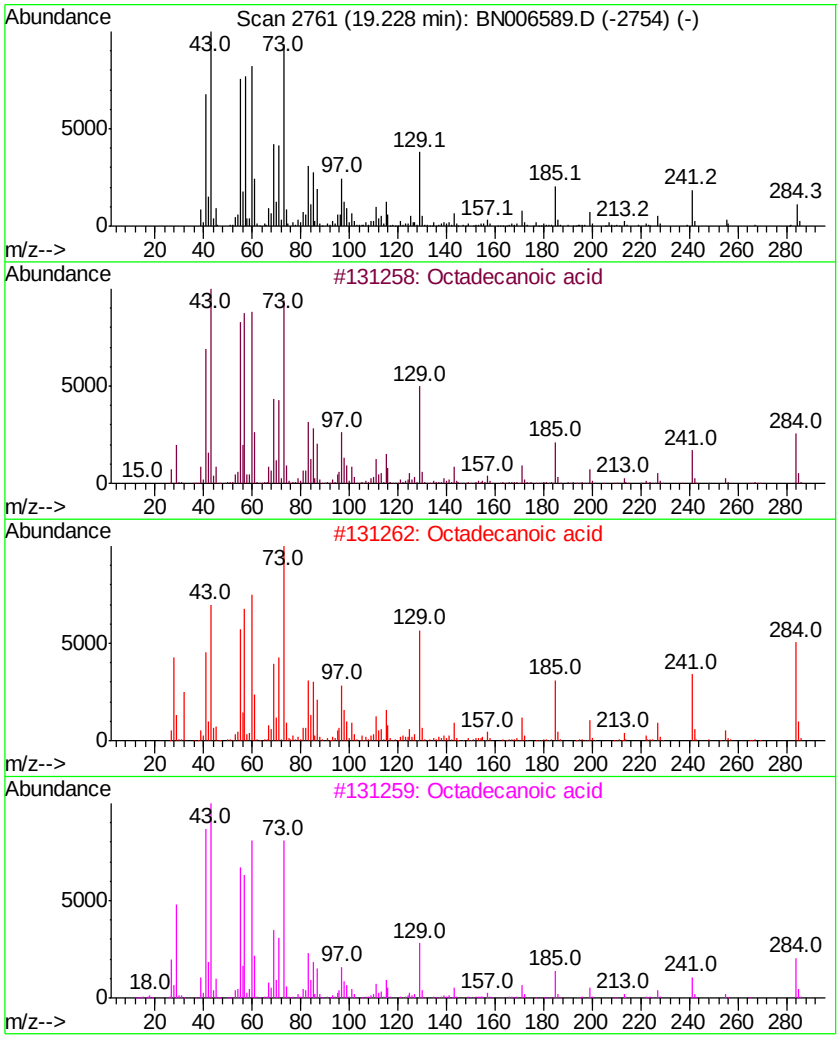
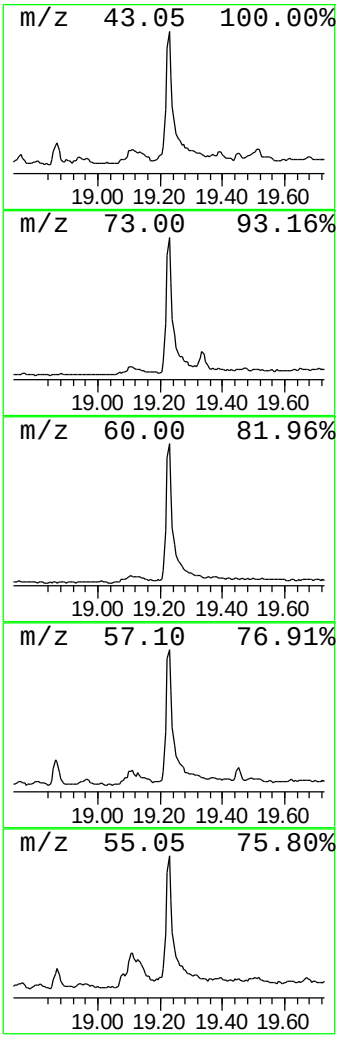
Peak Number 16 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	4.08 ng/ul	1128900	Chrysene-d12	21.25

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Quant Title : SVOA CALIBRATION

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

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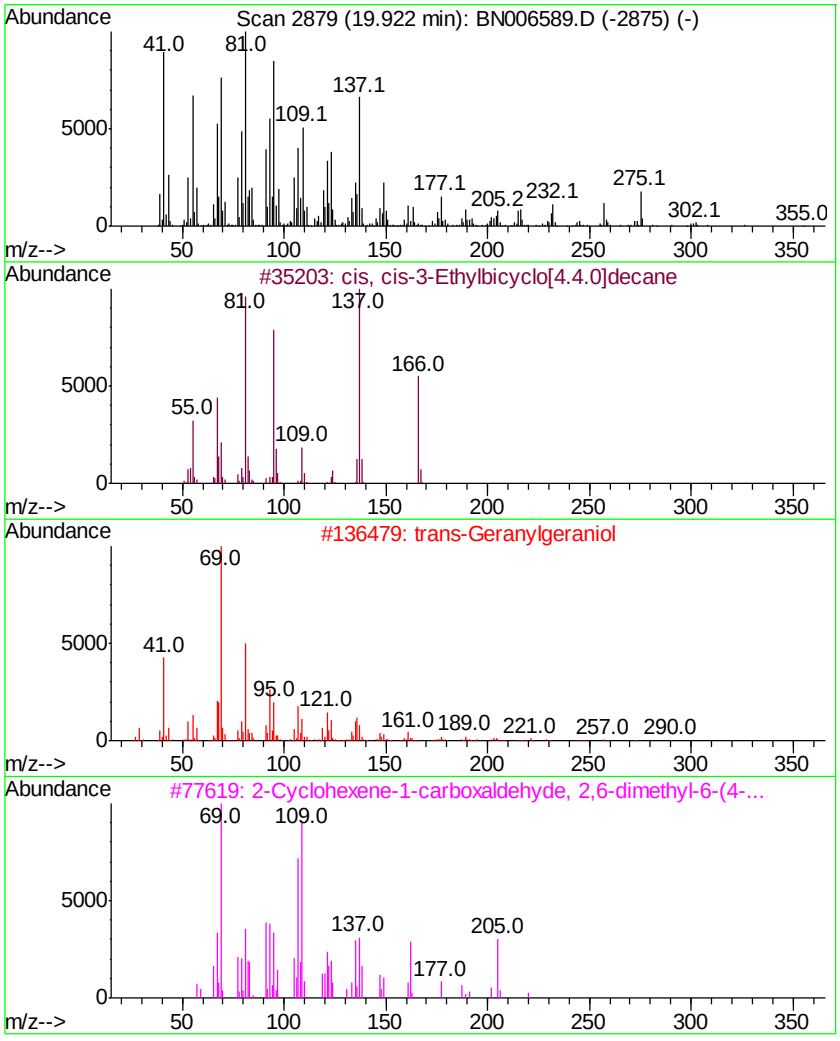
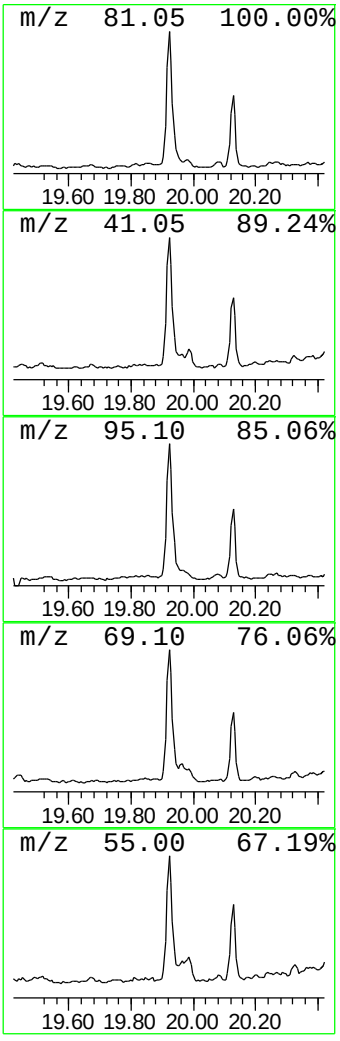
Peak Number 17 cis, cis-3-Ethylbicyclo[4.4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	5.40 ng/ul	1492250	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	50
2	trans-Geranylgeraniol	290	C20H34O	024034-73-9	47
3	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	46
4	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	41
5	9-Oxabicyclo[3.3.1]non-6-en-2-on...	216	C8H9BrO2	075568-50-2	30





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Acq On : 26 Jun 2019 21:38
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Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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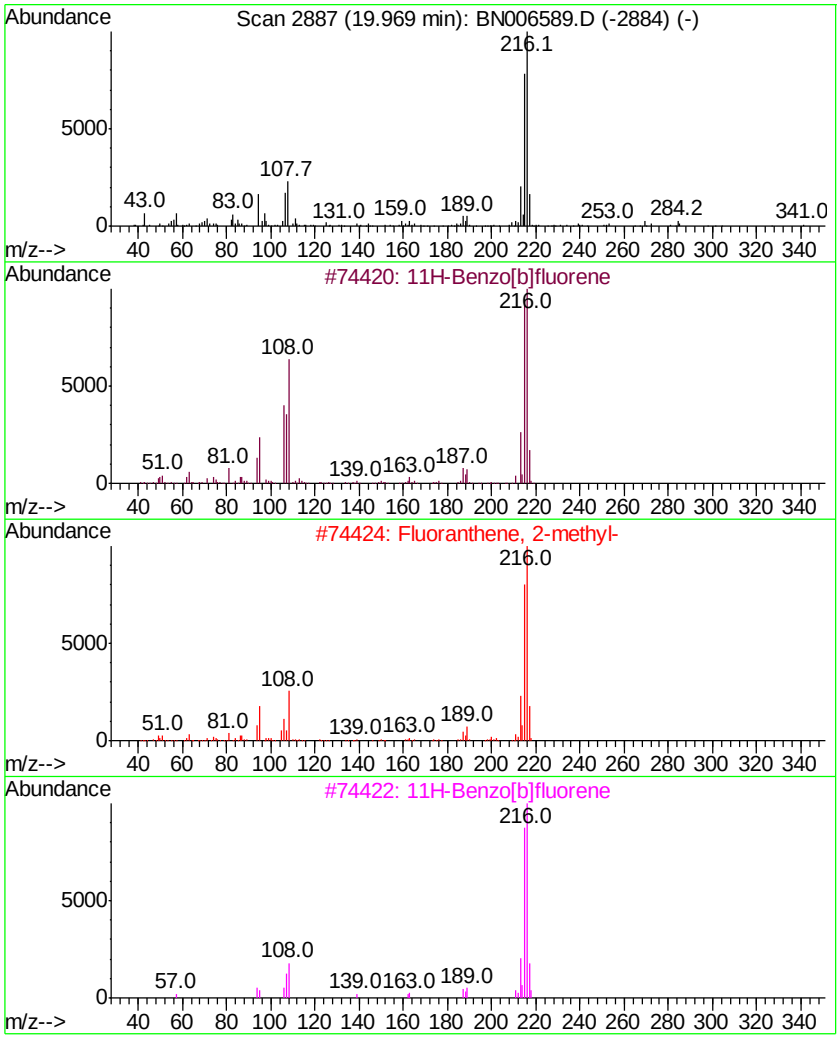
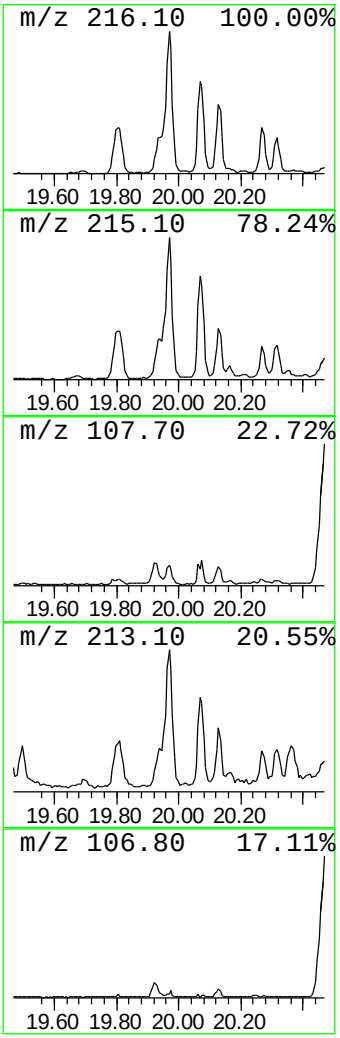
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.09 ng/ul	578592	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Quant Title : SVOA CALIBRATION

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

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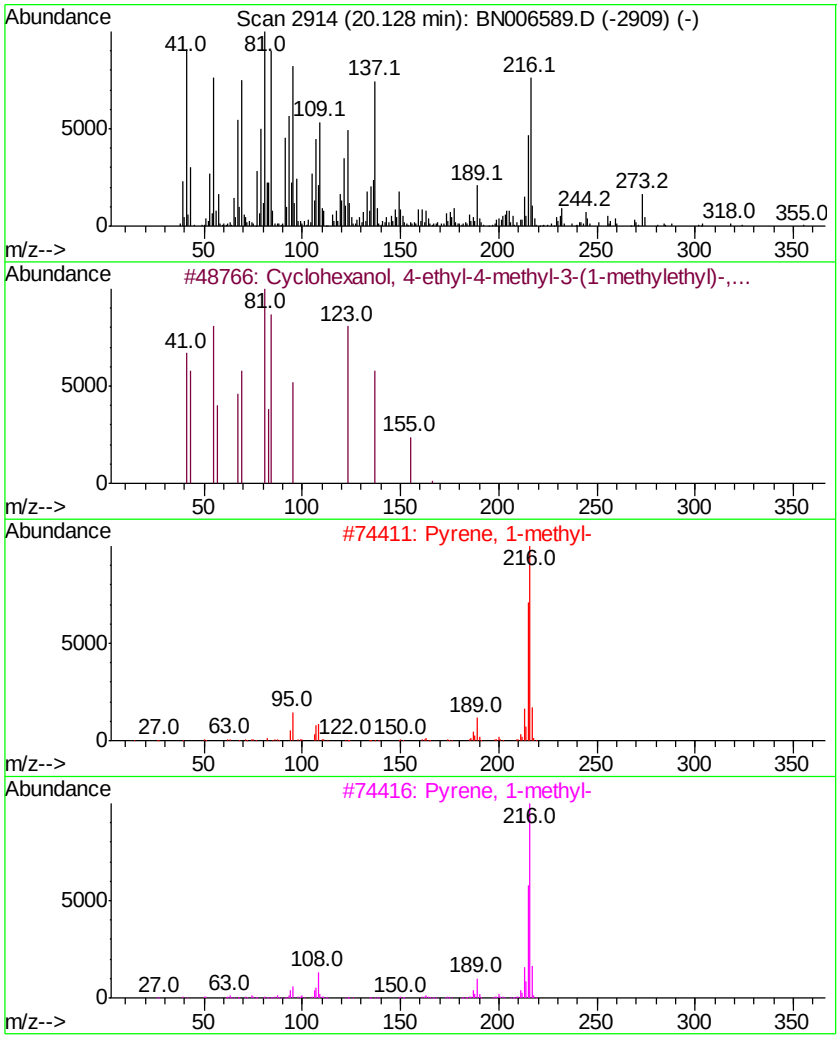
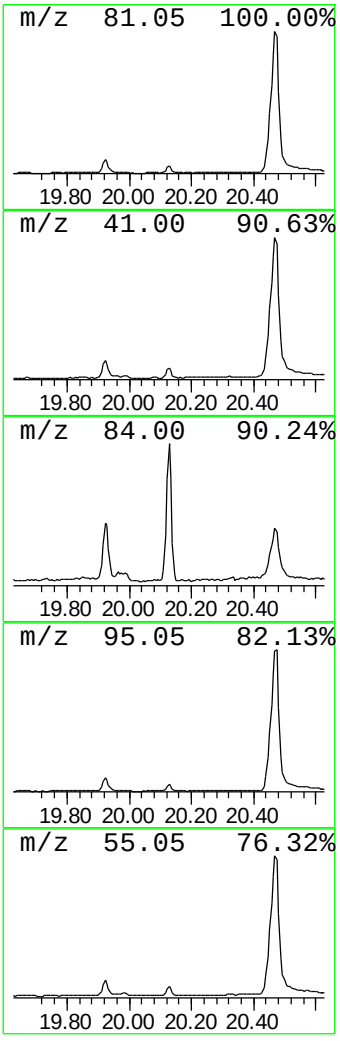
Peak Number 19 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	3.10 ng/ul	857317	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-ethyl-4-methyl-3...	184	C12H24O	055869-52-8	43
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	30
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	25
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	25
5	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	25





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Quant Title : SVOA CALIBRATION

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

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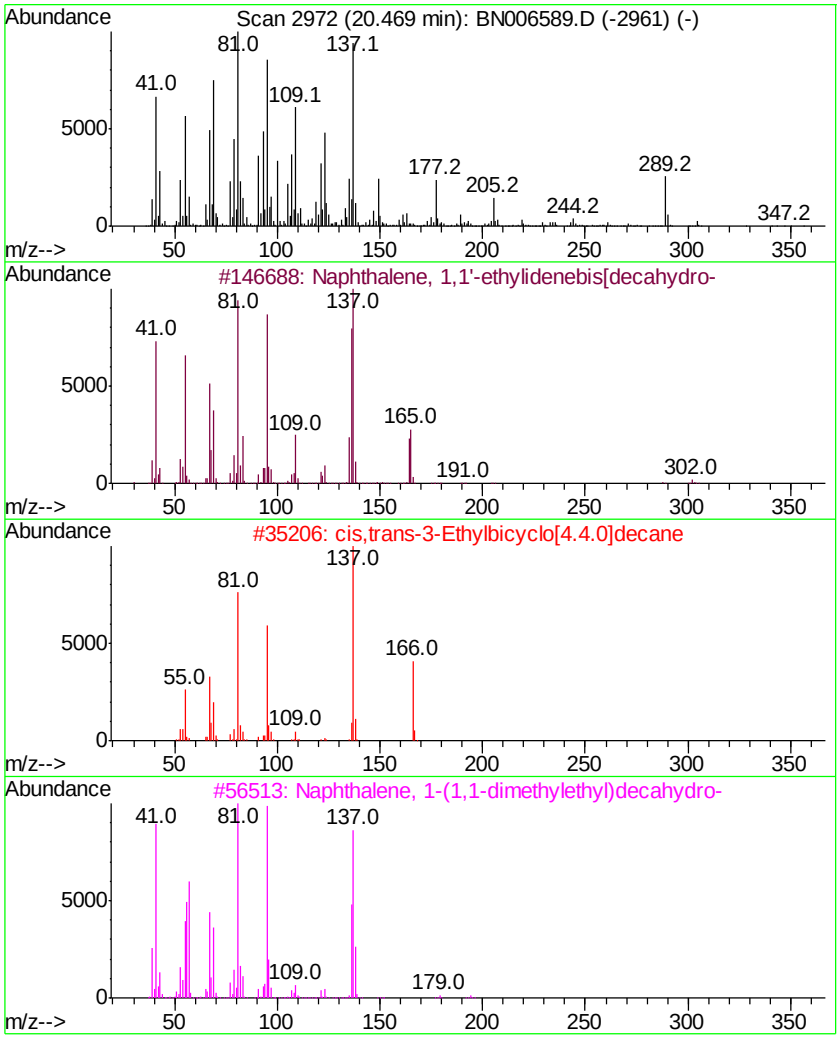
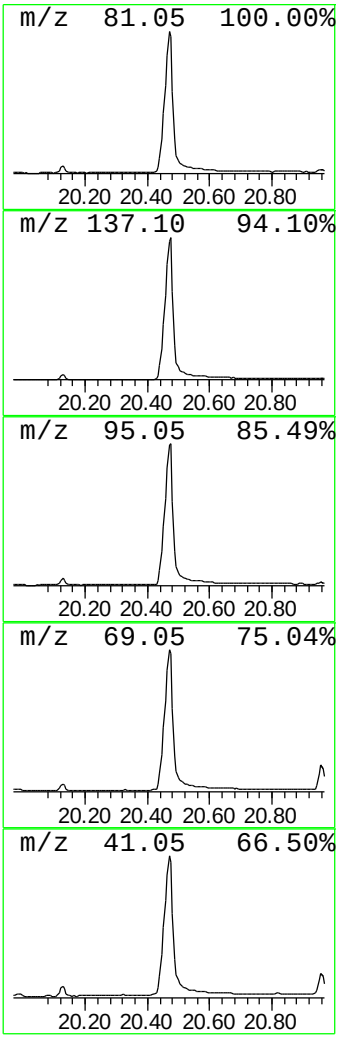
Peak Number 20 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	79.67 ng/ul	22028600	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	47
2	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	43
3	Naphthalene, 1-(1,1-dimethylethy...	194	C14H26	056292-64-9	43
4	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	43
5	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	38





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ClientSampleId : C5AB2

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Quant Title : SVOA CALIBRATION

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

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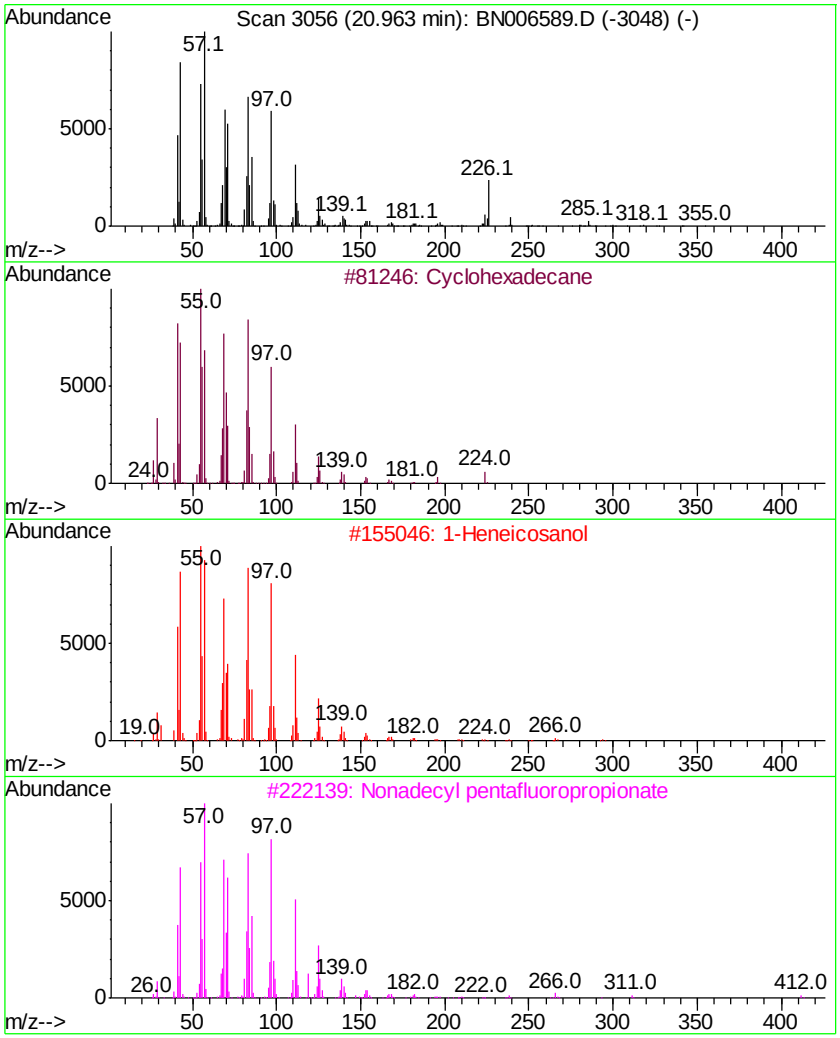
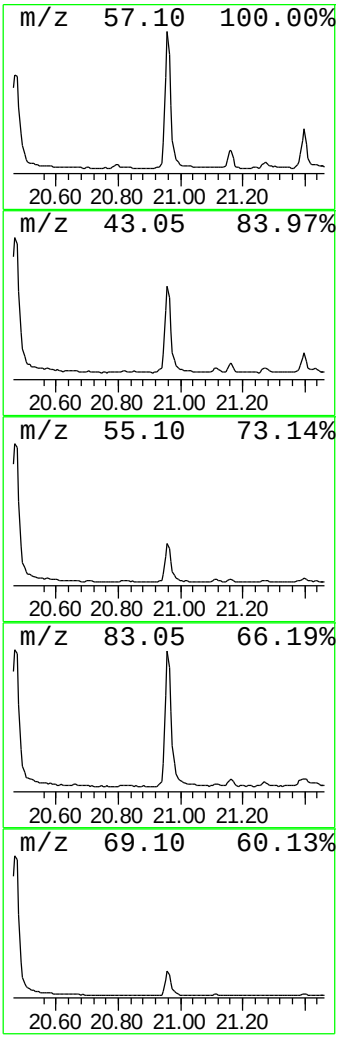
Peak Number 21 (DEL) Alkane: Cyclic20.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.87 ng/ul	2175770	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91





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Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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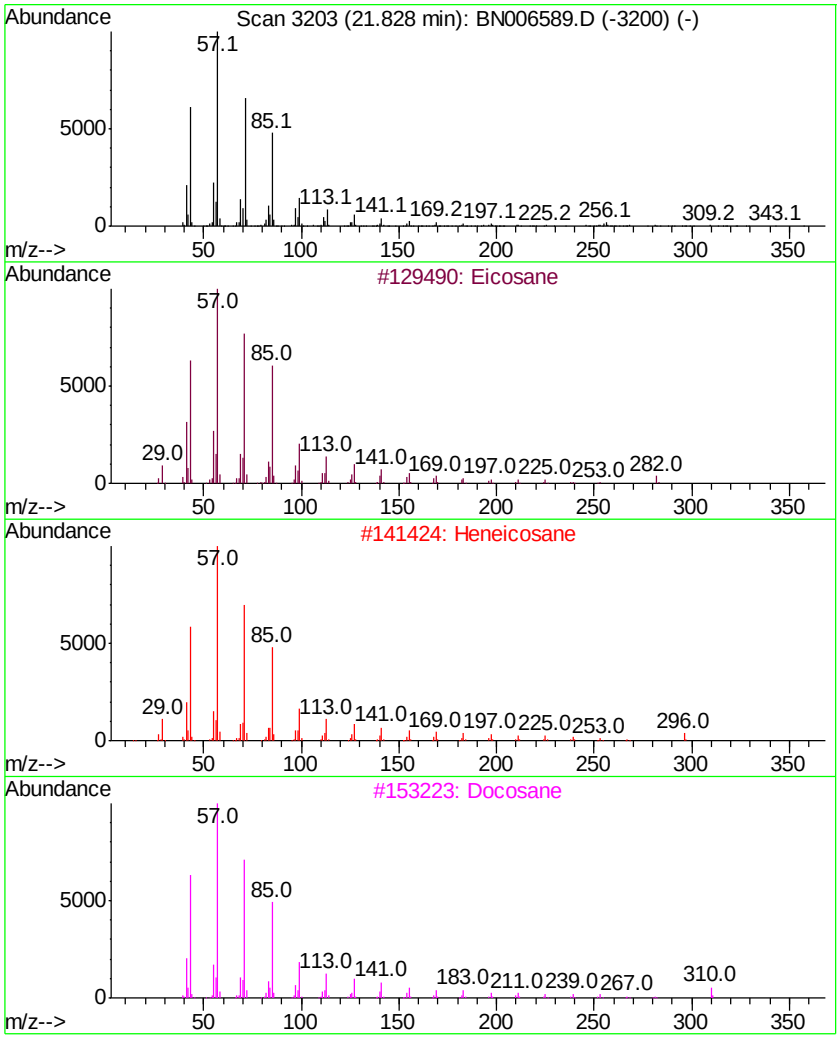
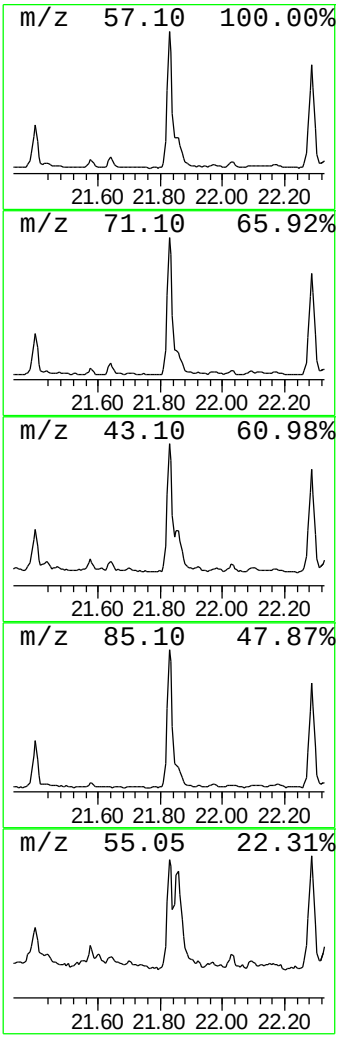
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.71 ng/ul	749515	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	95
3	Docosane	310	C22H46	000629-97-0	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

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Quant Title : SVOA CALIBRATION

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

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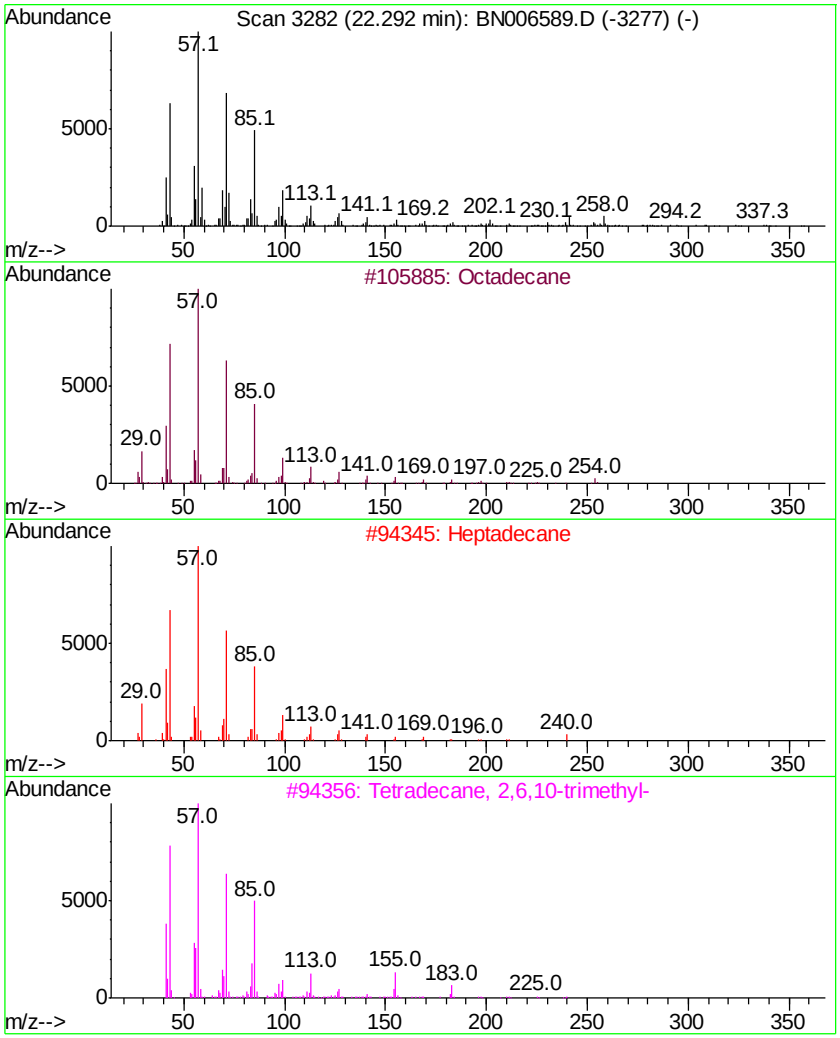
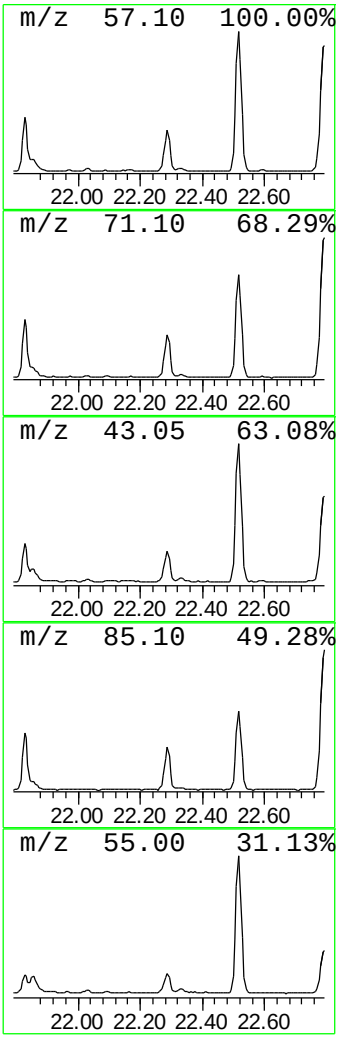
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.85 ng/ul	788088	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Quant Title : SVOA CALIBRATION

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

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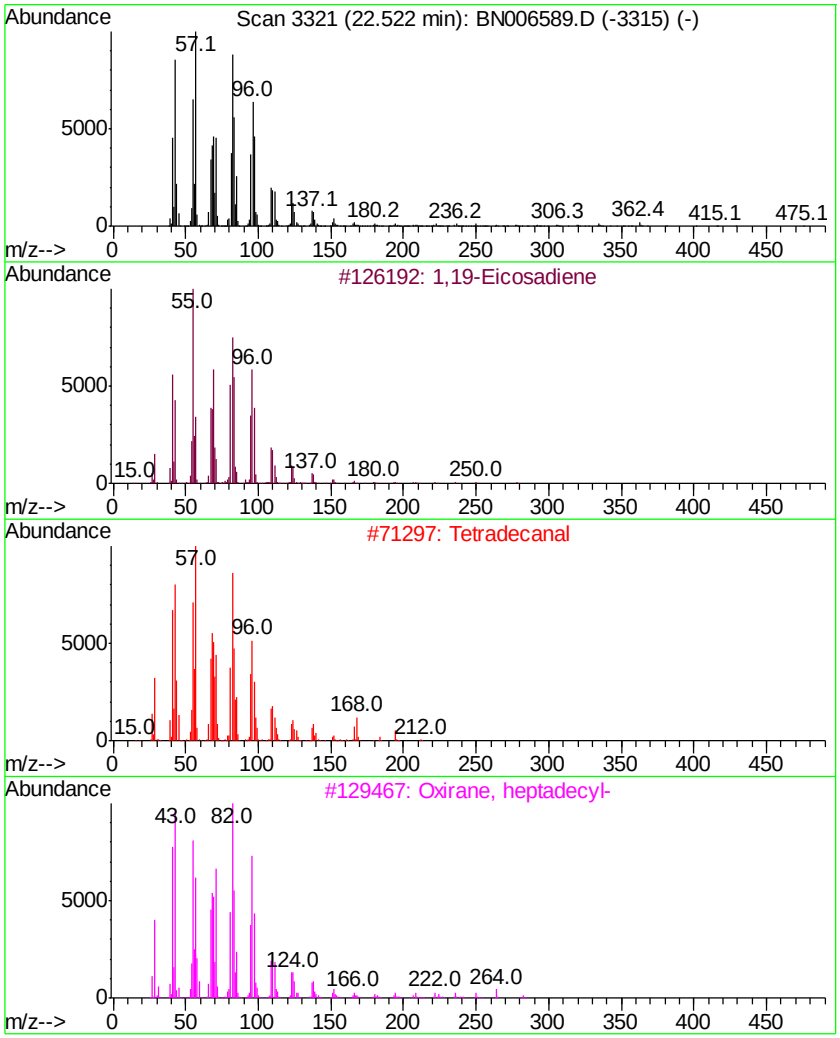
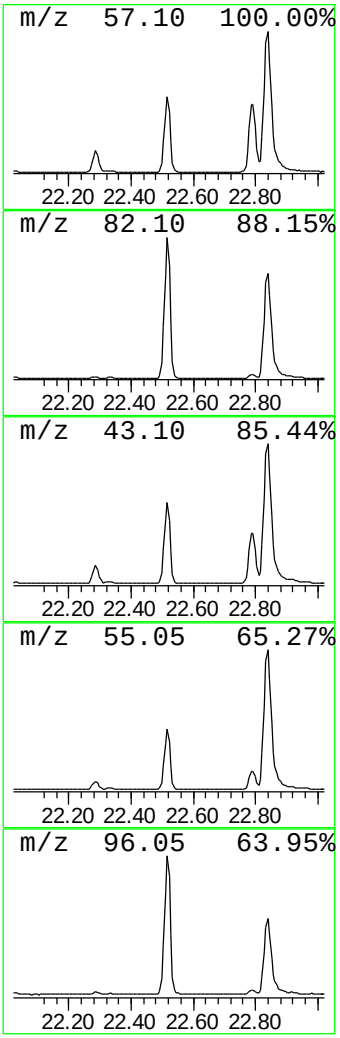
Peak Number 24 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	28.78 ng/ul	5142390	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Tetradecanal	212	C14H28O	000124-25-4	93
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Quant Title : SVOA CALIBRATION

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

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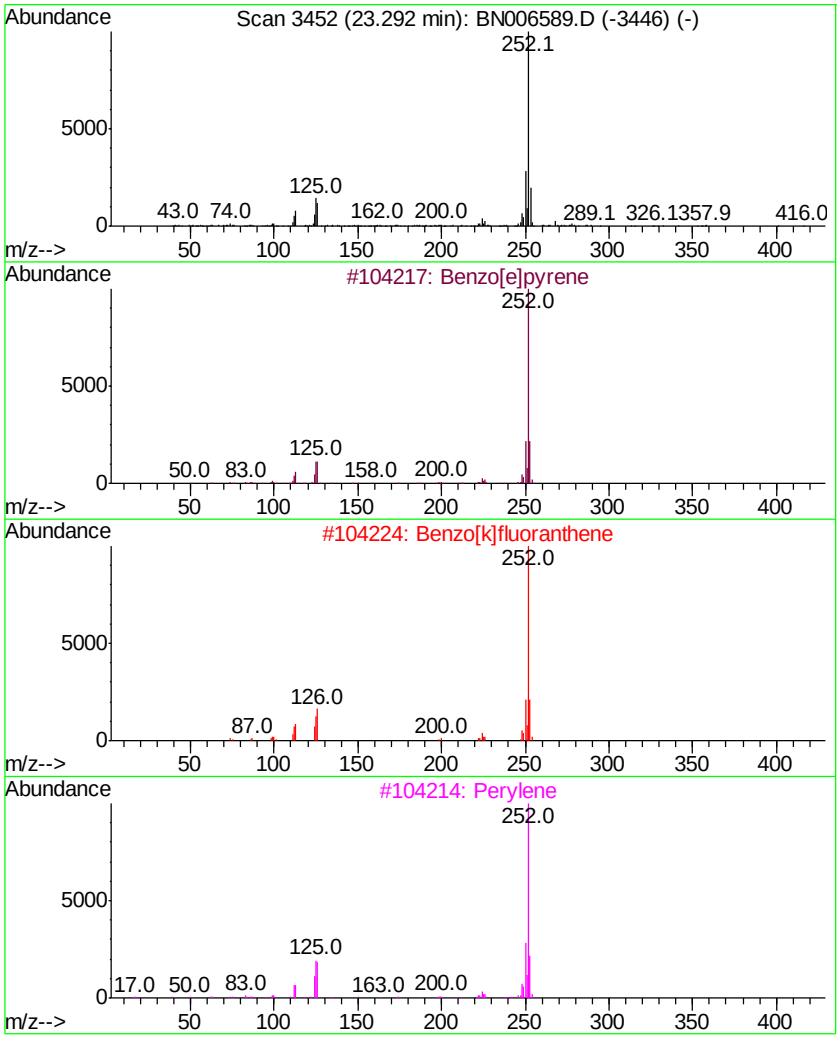
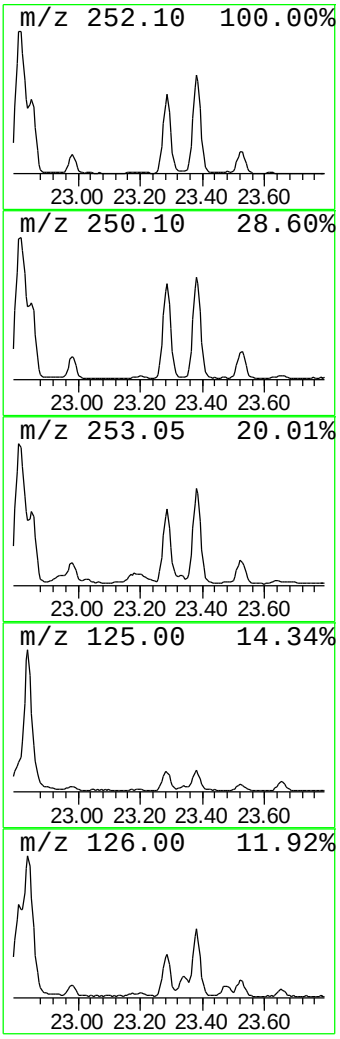
Peak Number 25 Benzo[e]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.10 ng/ul	553509	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Quant Title : SVOA CALIBRATION

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

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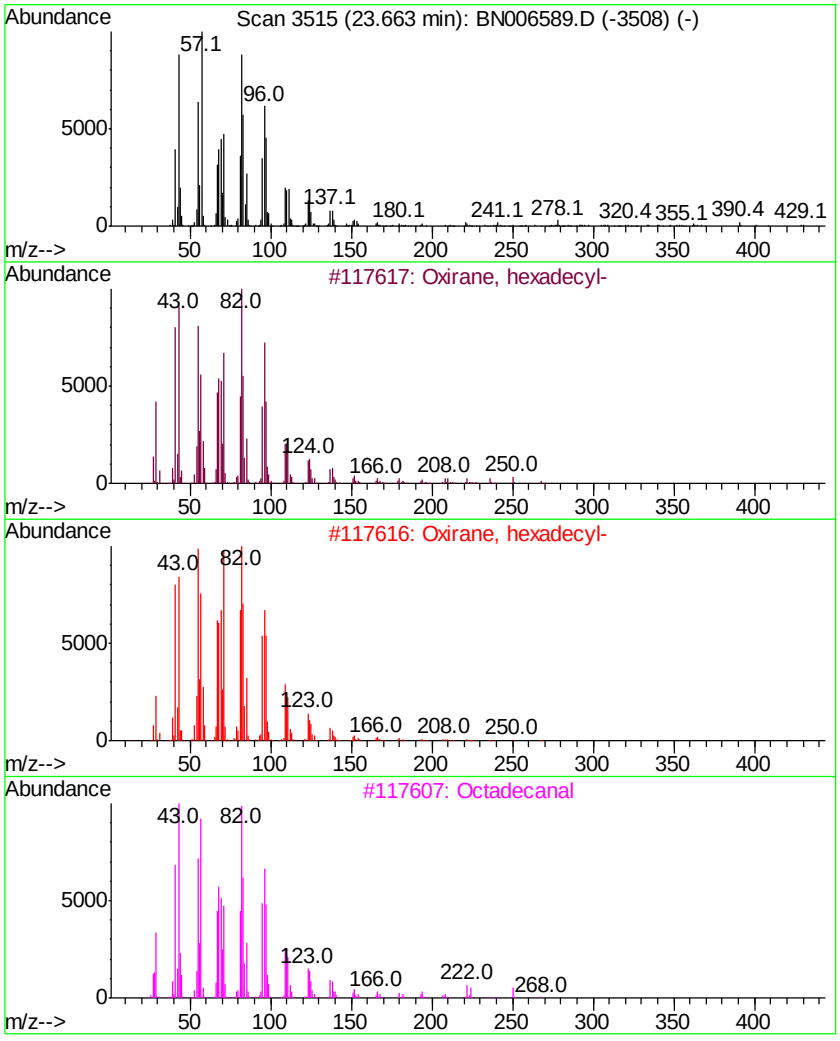
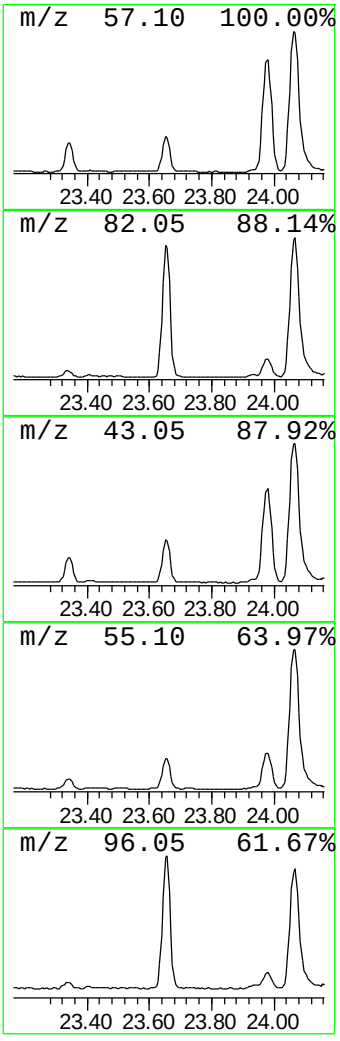
Peak Number 26 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	14.30 ng/ul	2555580	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	90





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Quant Title : SVOA CALIBRATION

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

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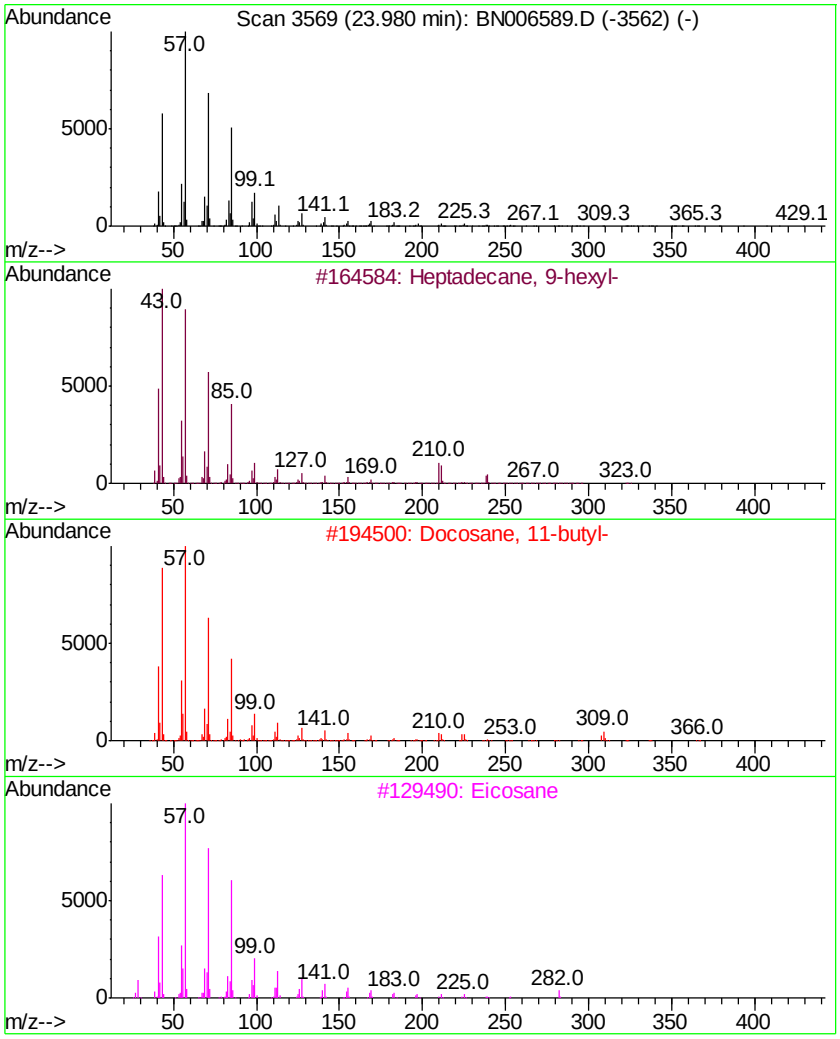
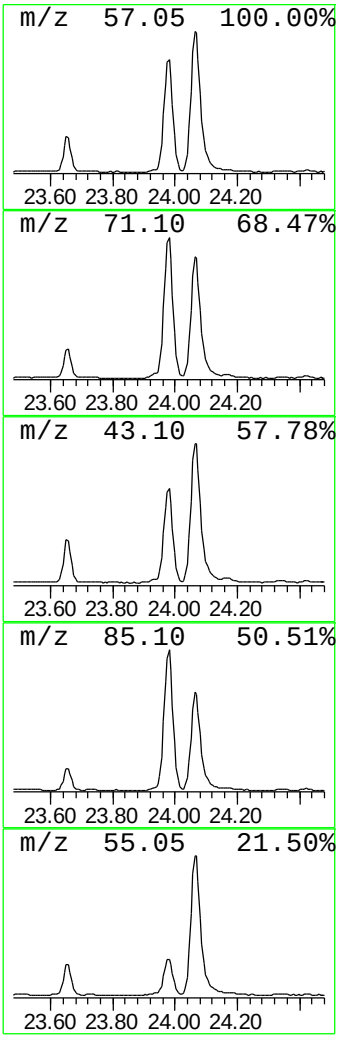
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	24.73 ng/ul	4419300	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Octacosane	394	C28H58	000630-02-4	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

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Quant Title : SVOA CALIBRATION

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

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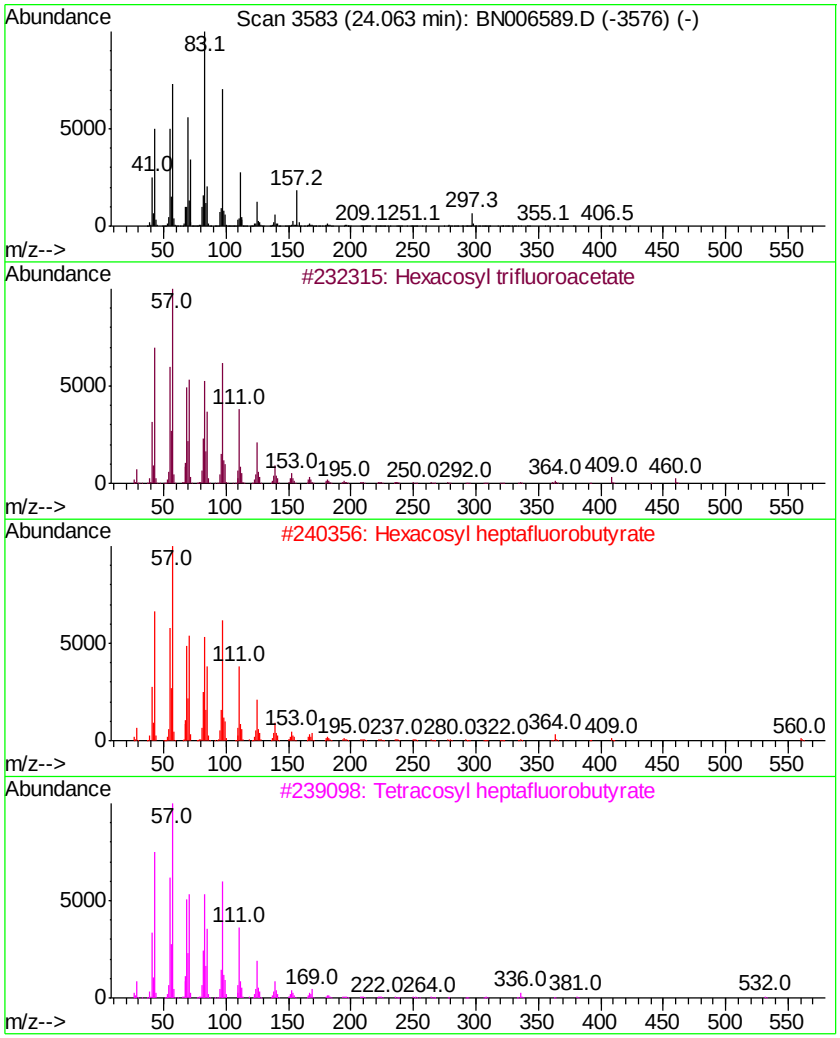
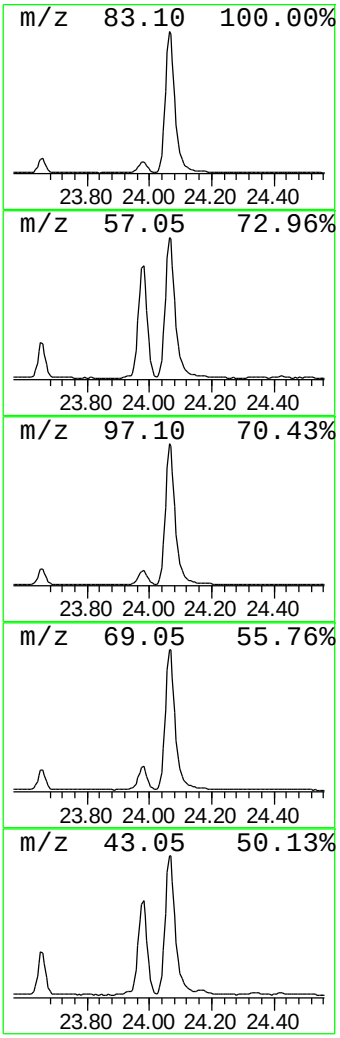
Peak Number 28 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	73.23 ng/ul	13086300	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	49
2	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	49
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	49
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	46
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	43





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Data File : BN006589.D
Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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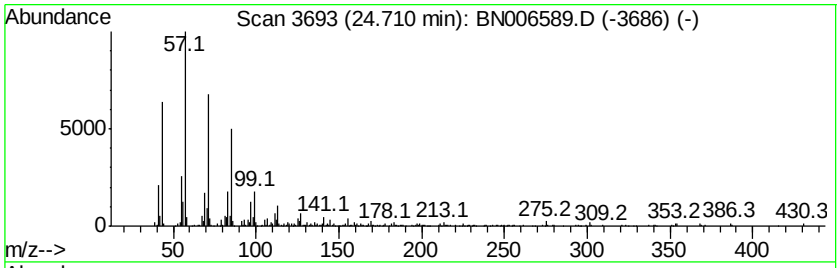
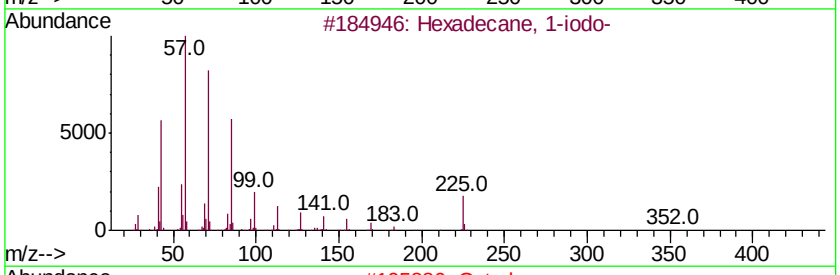
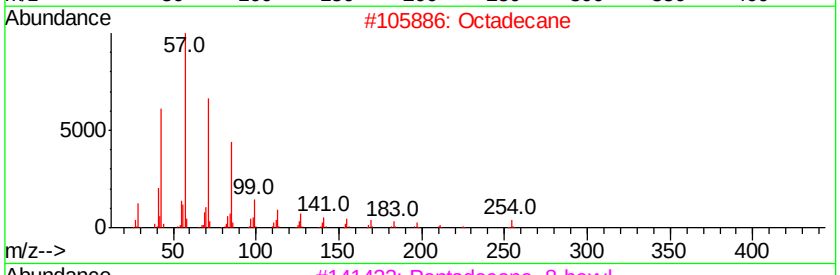
Peak Number 29 Hexadecane, 1-iodo- Concentration Rank 13

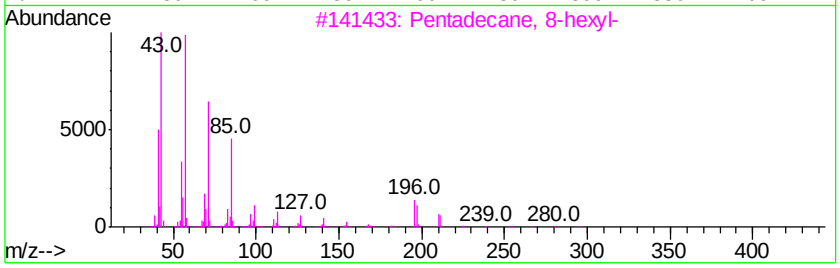
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	6.76 ng/ul	1207780	Perylene-d12	23.48

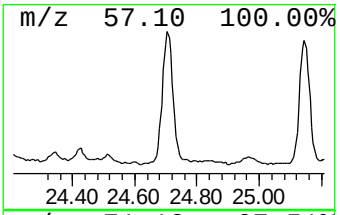
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Hexacosane	366	C26H54	000630-01-3	90

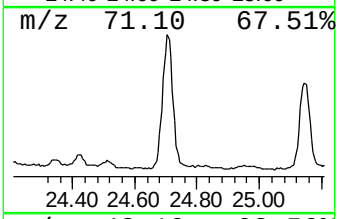


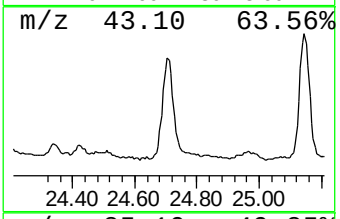


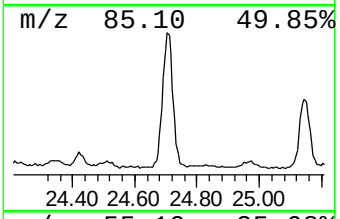


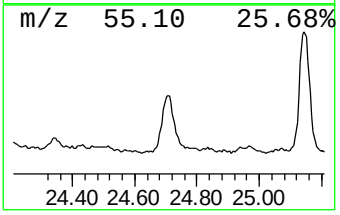












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006589.D
Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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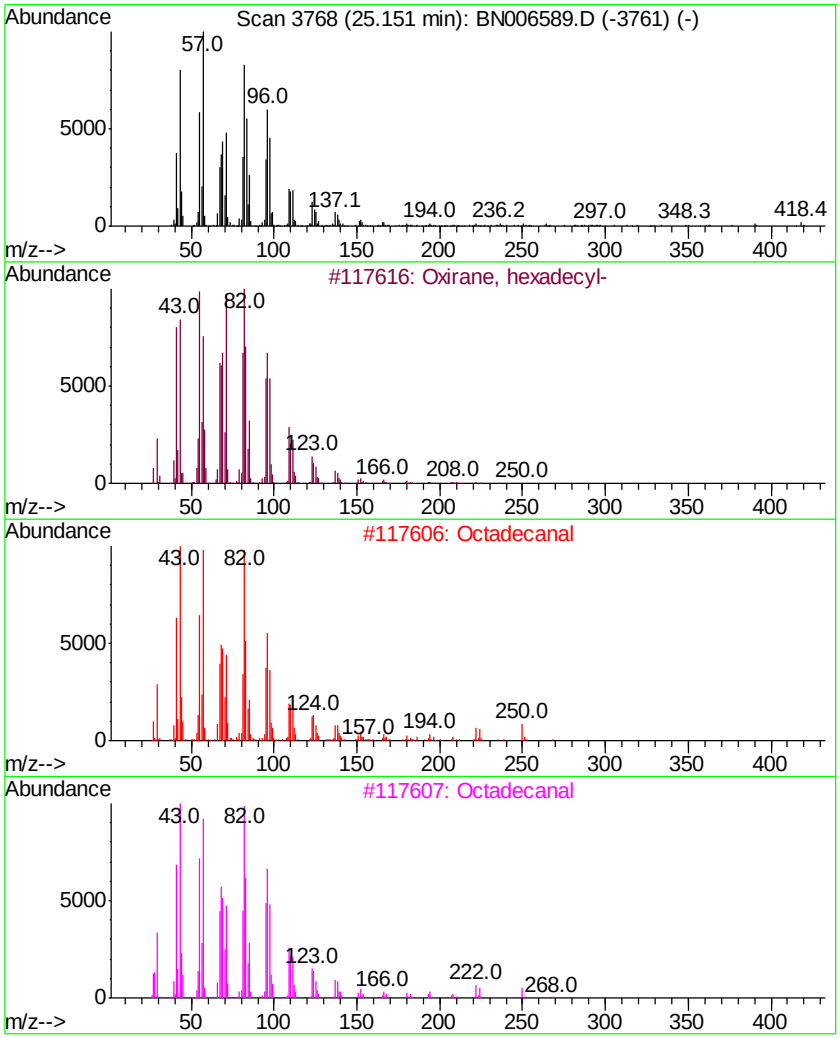
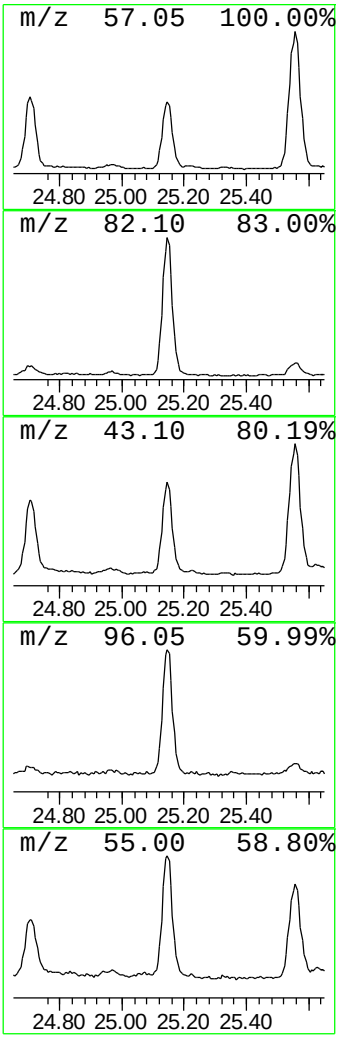
Peak Number 30 Oxirane, heptadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.15	9.09 ng/ul	1624530	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Octadecanal	268	C18H36O	000638-66-4	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90





Library Search Compound Report

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Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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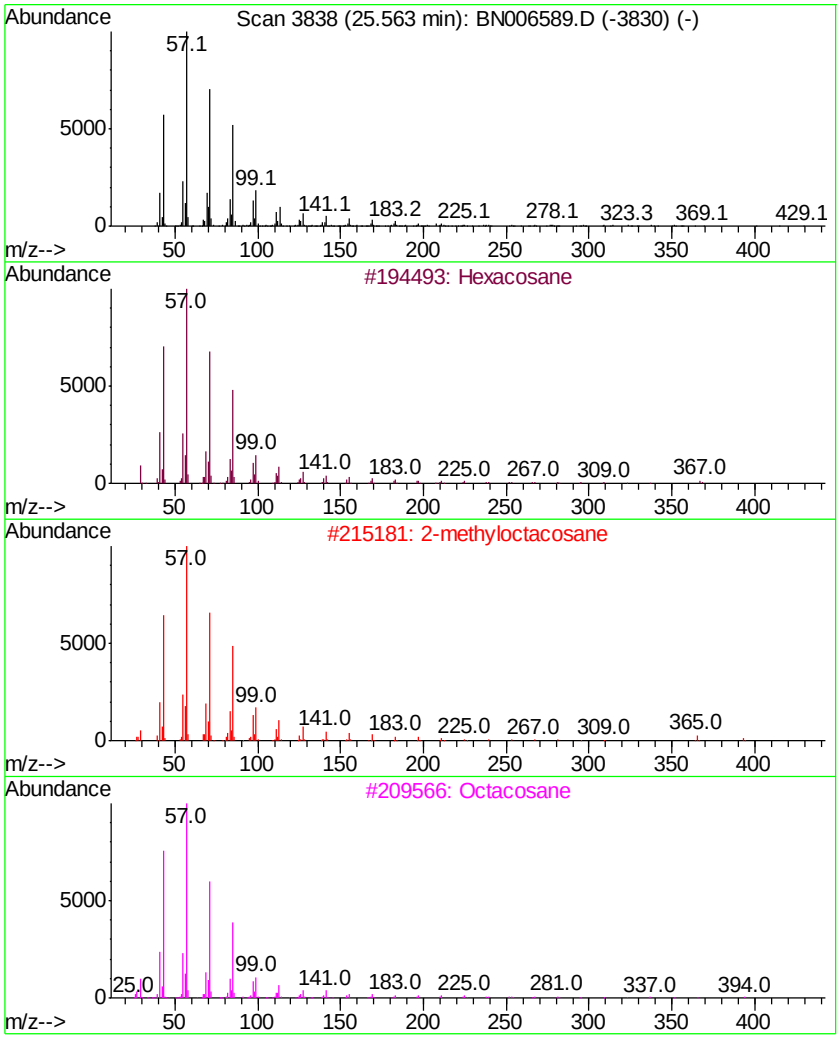
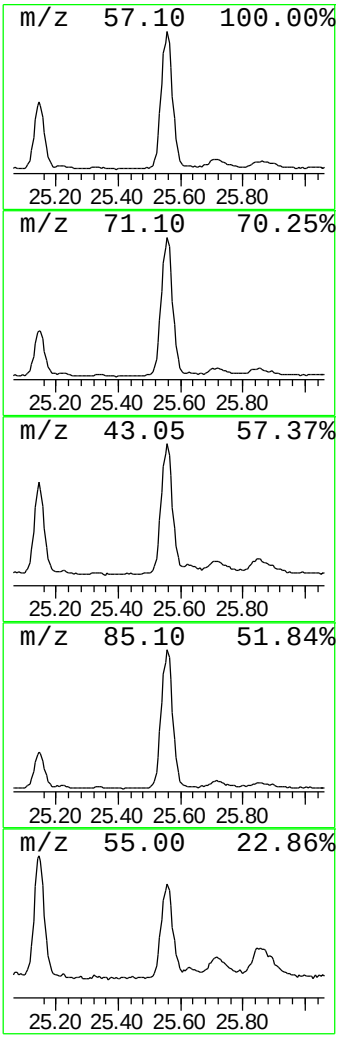
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	9.31 ng/ul	1662890	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BN006589.D
Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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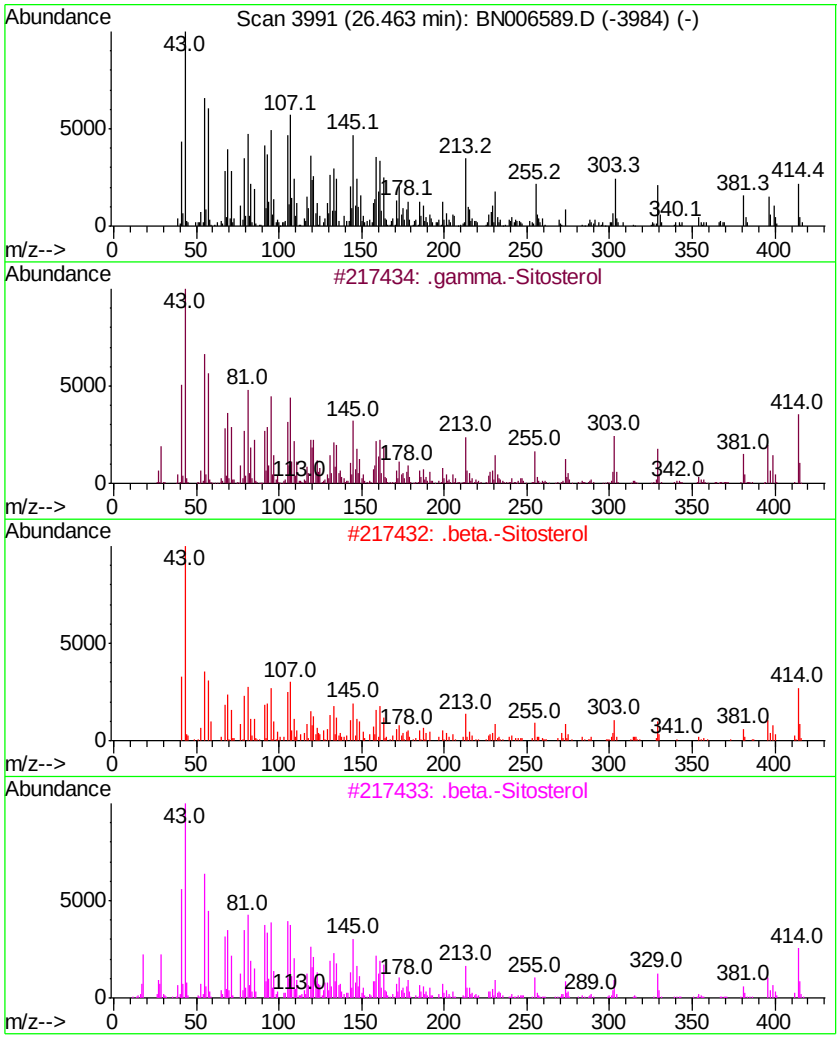
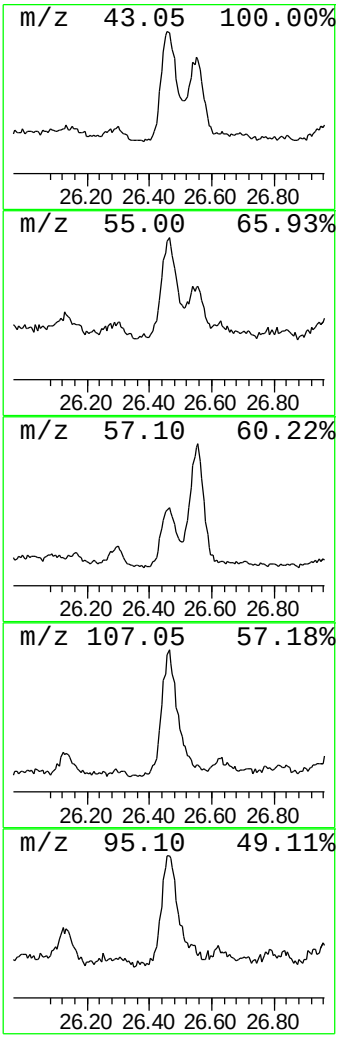
Peak Number 32 .gamma.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.46	5.17 ng/ul	924210	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	81
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	70
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	49





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Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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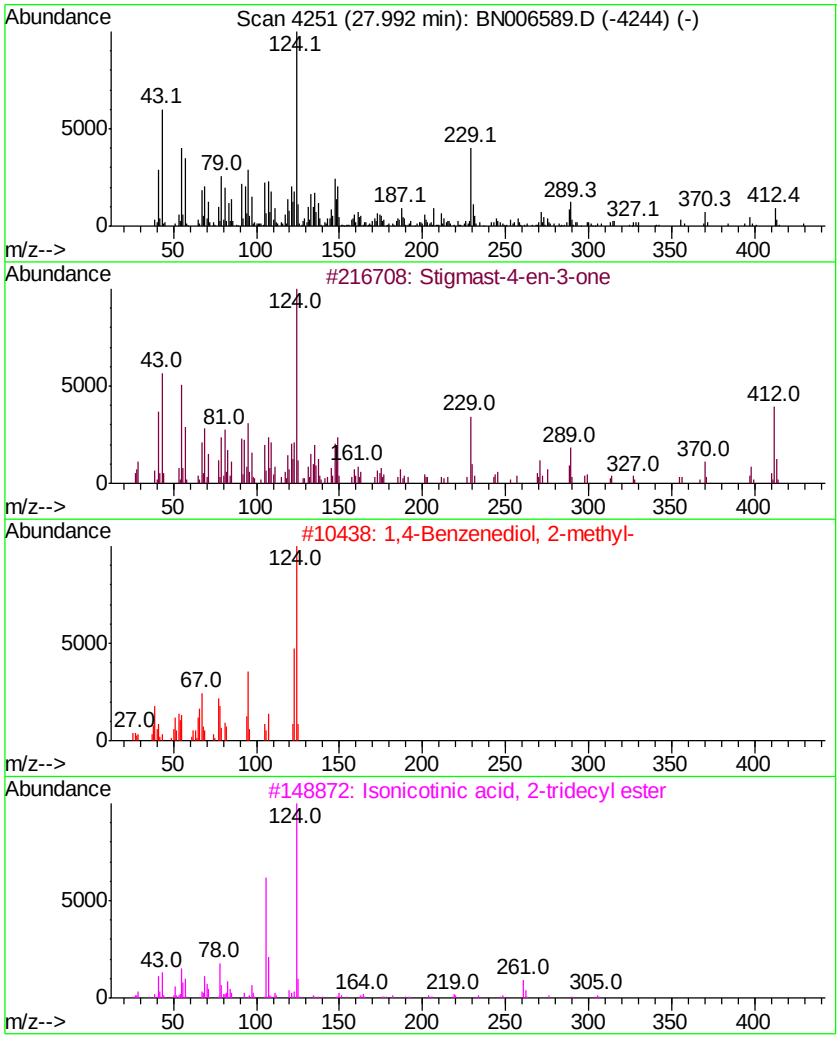
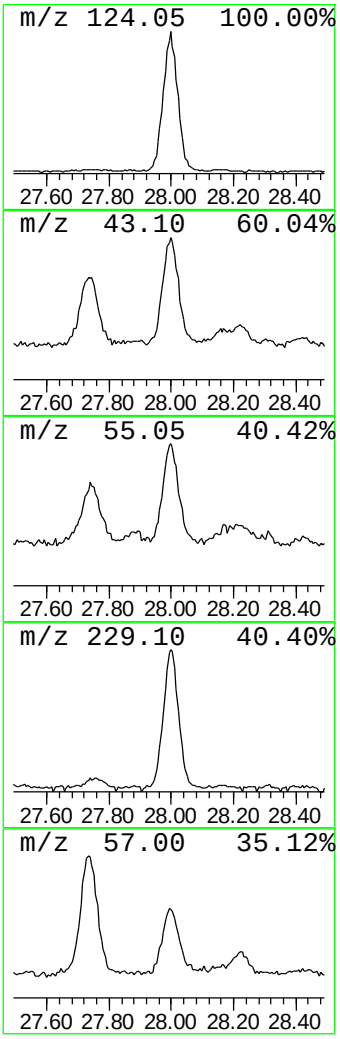
Peak Number 33 Stigmast-4-en-3-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.99	6.98 ng/ul	1246670	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	96
2	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	38
3	Isonicotinic acid, 2-tridecyl ester	305	C19H31NO2	1000299-89-3	38
4	Acetamide, 2-[2-(5-methylfuran-2...	289	C15H15NO3S	1000259-79-3	35
5	Orcinol	124	C7H8O2	000504-15-4	35





Tentatively Identified Compound (LSC) summary

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Data File : BN006589.D
Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
Cyclotrisiloxane,...	4.28	3.4	ng/ul	257111	1	7.62	1502700	20.0
(1R)-2,6,6-Trimet...	6.30	15.5	ng/ul	1162590	1	7.62	1502700	20.0
Bicyclo[3.1.1]hep...	7.05	5.9	ng/ul	441448	1	7.62	1502700	20.0
unknown-01	7.08	2.5	ng/ul	190972	1	7.62	1502700	20.0
p-Cymene	7.75	3.2	ng/ul	242186	1	7.62	1502700	20.0
trans-.beta.-Ocimene	7.82	2.3	ng/ul	172499	1	7.62	1502700	20.0
Eucalyptol	7.91	7.3	ng/ul	548579	1	7.62	1502700	20.0
.gamma.-Terpinene	8.28	5.6	ng/ul	417919	1	7.62	1502700	20.0
Phenol, 2-methyl-...	11.86	4.8	ng/ul	580565	2	10.40	2437430	20.0
Caryophyllene	13.59	2.5	ng/ul	429248	3	14.28	3395570	20.0
1-Hydroxy-1,7-dim...	15.16	2.3	ng/ul	388012	3	14.28	3395570	20.0
unknown-02	17.19	2.2	ng/ul	459515	4	17.03	4185790	20.0
DITHIOPYR	17.74	4.8	ng/ul	1010460	4	17.03	4185790	20.0
n-Hexadecanoic acid	17.94	11.3	ng/ul	2359710	4	17.03	4185790	20.0
unknown-03	18.20	2.0	ng/ul	420295	4	17.03	4185790	20.0
Octadecanoic acid	19.23	4.1	ng/ul	1128900	5	21.25	5530170	20.0
cis, cis-3-Ethylb...	19.92	5.4	ng/ul	1492250	5	21.25	5530170	20.0
11H-Benzo[b]fluorene	19.97	2.1	ng/ul	578592	5	21.25	5530170	20.0
unknown-04	20.13	3.1	ng/ul	857317	5	21.25	5530170	20.0
unknown-05	20.47	79.7	ng/ul	22028600	5	21.25	5530170	20.0
(DEL) Alkane: Cyc...	20.96	7.9	ng/ul	2175770	5	21.25	5530170	20.0
(DEL) Alkane: Str...	21.83	2.7	ng/ul	749515	5	21.25	5530170	20.0
(DEL) Alkane: Str...	22.29	2.9	ng/ul	788088	5	21.25	5530170	20.0
1,19-Eicosadiene	22.52	28.8	ng/ul	5142390	6	23.48	3574040	20.0
Benzo[e]pyrene	23.29	3.1	ng/ul	553509	6	23.48	3574040	20.0
Oxirane, hexadecyl-	23.66	14.3	ng/ul	2555580	6	23.48	3574040	20.0
(DEL) Alkane: Str...	23.98	24.7	ng/ul	4419300	6	23.48	3574040	20.0
unknown-06	24.06	73.2	ng/ul	13086300	6	23.48	3574040	20.0
Hexadecane, 1-iodo-	24.71	6.8	ng/ul	1207780	6	23.48	3574040	20.0
Oxirane, heptadecyl-	25.15	9.1	ng/ul	1624530	6	23.48	3574040	20.0
(DEL) Alkane: Str...	25.56	9.3	ng/ul	1662890	6	23.48	3574040	20.0
.gamma.-Sitosterol	26.46	5.2	ng/ul	924210	6	23.48	3574040	20.0
Stigmast-4-en-3-one	27.99	7.0	ng/ul	1246670	6	23.48	3574040	20.0