LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

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-BM061419MA.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	4.199	203	206	216	rVB	84632	120966	0.66%	0.071%
2	4.310	221	225	228	rVV	119226	170864	0.93%	0.100%
3	4.346	228	231	235	rVV	102901	140449	0.77%	0.082%
4	4.399	235	240	246	rVB	282283	382380	2.09%	0.223%
5	6.775	638	644	650	rVB	76559	136314	0.74%	0.080%
6	6.851	652	657	662	rVV	187425	266587	1.46%	0.156%
7	6.922	662	669	679	rVB	880581	1469201	8.02%	0.858%
8	7.092	692	698	711	rVB	646334	1058323	5.78%	0.618%
9	7.281	724	730	740	rBV	902035	1454716	7.94%	0.849%
10	7.751	803	810	816	rBV	811675	1290367	7.05%	0.753%
11	7.998	847	852	858	rBV	103868	190875	1.04%	0.111%
12	8.457	923	930	939	rBV	1117653	1859579	10.15%	1.086%
13	8.910	1000	1007	1016	rBV	897457	1505768	8.22%	0.879%
14	9.063	1029	1033	1042	rVB2	91989	141880	0.77%	0.083%
15	9.275	1065	1069	1076	rVB	135426	199216	1.09%	0.116%
16	9.628	1122	1129	1138	rBV	789966	1313250	7.17%	0.767%
17	10.163	1212	1220	1229	rBV	1276129	2183348	11.92%	1.275%
18	10.533	1276	1283	1295	rBV	1178494	1989734	10.86%	1.162%
19	10.686	1302	1309	1325	rBV	401808	817006	4.46%	0.477%
20	11.333	1414	1419	1427	rVB	82547	139272	0.76%	0.081%
21	11.763	1488	1492	1499	rVB	131484	187737	1.03%	0.110%
22	12.733	1650	1657	1670	rVV	217282	456110	2.49%	0.266%
23	12.986	1693	1700	1705	rBV	317710	455438	2.49%	0.266%
24	13.274	1746	1749	1754	rVV	65877	107648	0.59%	0.063%
25	13.322	1754	1757	1766	rVB3	45047	107101	0.58%	0.063%
26	13.804	1834	1839	1844	rVV	2165726	3202439	17.49%	1.870%
27	13.851	1844	1847	1853	rVV	782644	1045701	5.71%	0.611%
28	14.039	1870	1879	1881	rBV2	62628	110960	0.61%	0.065%
29	14.086	1881	1887	1898	rVB	2667715	3894271	21.26%	2.274%
30	14.257	1911	1916	1925	rVB	119566	184041	1.00%	0.107%
31	14.392	1931	1939	1948	rBV2	1826104	2804973	15.32%	1.638%
32	14.610	1969	1976	1987	rBV	606809	1115835	6.09%	0.651%
33	14.804	1999	2009	2013	rBV4	54286	123755	0.68%	0.072%
34	15.180	2069	2073	2077	rVV	174395	242232	1.32%	0.141%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

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-BM061419MA.M
Title : SVOA CALIBRATION

35	15.221	2077	2080	2086	rVB2	65766	107571	0.59%	0.063%
36	15.386	2103	2108	2115	rVV	3318789	4804086	26.23%	2.805%
37	15.521	2125	2131	2138	rBV	623062	859823	4.69%	0.502%
38	15.627	2142	2149	2155	rVV3	54738	119856	0.65%	0.070%
39	15.951	2198	2204	2211	rVB3	122497	216338	1.18%	0.126%
40	16.257	2250	2256	2264	rVV7	54021	128219	0.70%	0.075%
41	16.468	2287	2292	2300	rVB5	68741	125920	0.69%	0.074%
42	16.539	2300	2304	2309	rBV	168529	216285	1.18%	0.126%
43	16.898	2355	2365	2370	rBV4	135100	310857	1.70%	0.181%
44	17.039	2382	2389	2396	rBV2	285572	473800	2.59%	0.277%
45	17.104	2396	2400	2402	rVV	122353	161709	0.88%	0.094%
46	17.145	2402	2407	2411	rVV	2137617	3124479	17.06%	1.824%
47	17.186	2411	2414	2418	rVV	1007422	1383837	7.56%	0.808%
48	17.245	2418	2424	2432	rVV	2816903	4660408	25.45%	2.721%
49	17.521	2467	2471	2475	rBV2	107532	184982	1.01%	0.108%
50	17.657	2491	2494	2501	rVB3	72653	116138	0.63%	0.068%
51	17.921	2533	2539	2543	rBV	747916	1167761	6.38%	0.682%
52	17.986	2543	2550	2554	rVV2	1879871	3130536	17.09%	1.828%
53	18.045	2555	2560	2568	rVB	3815969	5725444	31.26%	3.343%
54	18.209	2584	2588	2592	rBV2	172810	275604	1.50%	0.161%
55	18.333	2604	2609	2613	rBV4	154947	277406	1.51%	0.162%
56	18.462	2628	2631	2637	rBV4	89366	145969	0.80%	0.085%
57	18.521	2637	2641	2645	rBV	135488	176850	0.97%	0.103%
58	18.568	2645	2649	2653	rBV	164053	214974	1.17%	0.126%
59	18.898	2701	2705	2709	rBV3	126826	196097	1.07%	0.114%
60	18.956	2713	2715	2718	rVB2	93980	97640	0.53%	0.057%
61	19.056	2727	2732	2744	rVB2	523975	918344	5.01%	0.536%
62	19.174	2747	2752	2753	rBV	690300	770210	4.21%	0.450%
63	19.203	2753	2757	2771	rVV	3704526	5950610	32.49%	3.474%
64	19.315	2772	2776	2787	rVV	767050	1299207	7.09%	0.759%
65	19.539	2809	2814	2817	rBV	3498986	4872455	26.60%	2.845%
66	19.568	2817	2819	2825	rVB	1844539	2057638	11.24%	1.201%
67	19.750	2846	2850	2856	rVB	111220	173735	0.95%	0.101%
68	19.886	2869	2873	2881	rBV3	129430	308869	1.69%	0.180%
69	20.068	2898	2904	2908	rVB3	361068	694833	3.79%	0.406%
70	20.162	2917	2920	2924	rBV	148979	174716	0.95%	0.102%
71	20.362	2951	2954	2957	rBV	161718	185054	1.01%	0.108%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

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_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	20.409	2957	2962	2967	rVV4	214210	373322	2.04%	0.218%
73	20.462	2969	2971	2975	rVB3	107659	129412	0.71%	0.076%
74	20.815	3027	3031	3037	rBV	229816	309343	1.69%	0.181%
75	20.980	3055	3059	3062	rBV2	169815	237430	1.30%	0.139%
76	21.033	3063	3068	3077	rVV3	1646479	2441417	13.33%	1.425%
77	21.109	3079	3081	3088	rVB	272421	342449	1.87%	0.200%
78	21.333	3111	3119	3122	rBV2	2432369	4471415	24.42%	2.611%
79	21.368	3122	3125	3134	rVB	1189258	1584637	8.65%	0.925%
80	21.650	3171	3173	3177	rVB	298743	342555	1.87%	0.200%
81	21.909	3214	3217	3219	rBV	851278	987896	5.39%	0.577%
82	21.933	3219	3221	3231	rVB3	1090788	1483833	8.10%	0.866%
83	22.174	3260	3262	3269	rVB2	231644	316260	1.73%	0.185%
84	22.380	3293	3297	3300	rBV2	333576	459514	2.51%	0.268%
85	22.615	3332	3337	3343	rBV	6383767	8647381	47.22%	5.049%
86	22.891	3379	3384	3388	rBV	2057214	3847025	21.01%	2.246%
87	22.944	3388	3393	3404	rVB2	10076643	18314189	100.00%	10.692%
88	23.409	3467	3472	3475	rBV	559324	985957	5.38%	0.576%
89	23.456	3475	3480	3485	rVV	2281424	4287787	23.41%	2.503%
90	23.503	3485	3488	3498	rVB	734967	1369590	7.48%	0.800%
91	23.603	3499	3505	3511	rBV	1421149	2619486	14.30%	1.529%
92	23.786	3531	3536	3543	rVB	1917957	3394414	18.53%	1.982%
93	24.115	3585	3592	3602	rVB	3250264	6387912	34.88%	3.729%
94	24.215	3603	3609	3620	rVB	1260890	2882745	15.74%	1.683%
95	24.880	3715	3722	3735	rBV5	1287997	3349827	18.29%	1.956%
96	25.327	3792	3798	3813	rVB2	1132619	2979263	16.27%	1.739%
97	25.750	3863	3870	3876	rBV	1472297	3880736	21.19%	2.266%
98	26.044	3913	3920	3937	rVB5	1231453	3931240	21.47%	2.295%
99	26.679	4019	4028	4043	rVB2	2792513	8702560	47.52%	5.081%
100	28.268	4288	4298	4315	rVB4	1465295	5549356	30.30%	3.240%

Sum of corrected areas: 171285547

LSC Report - Integrated Chromatogram

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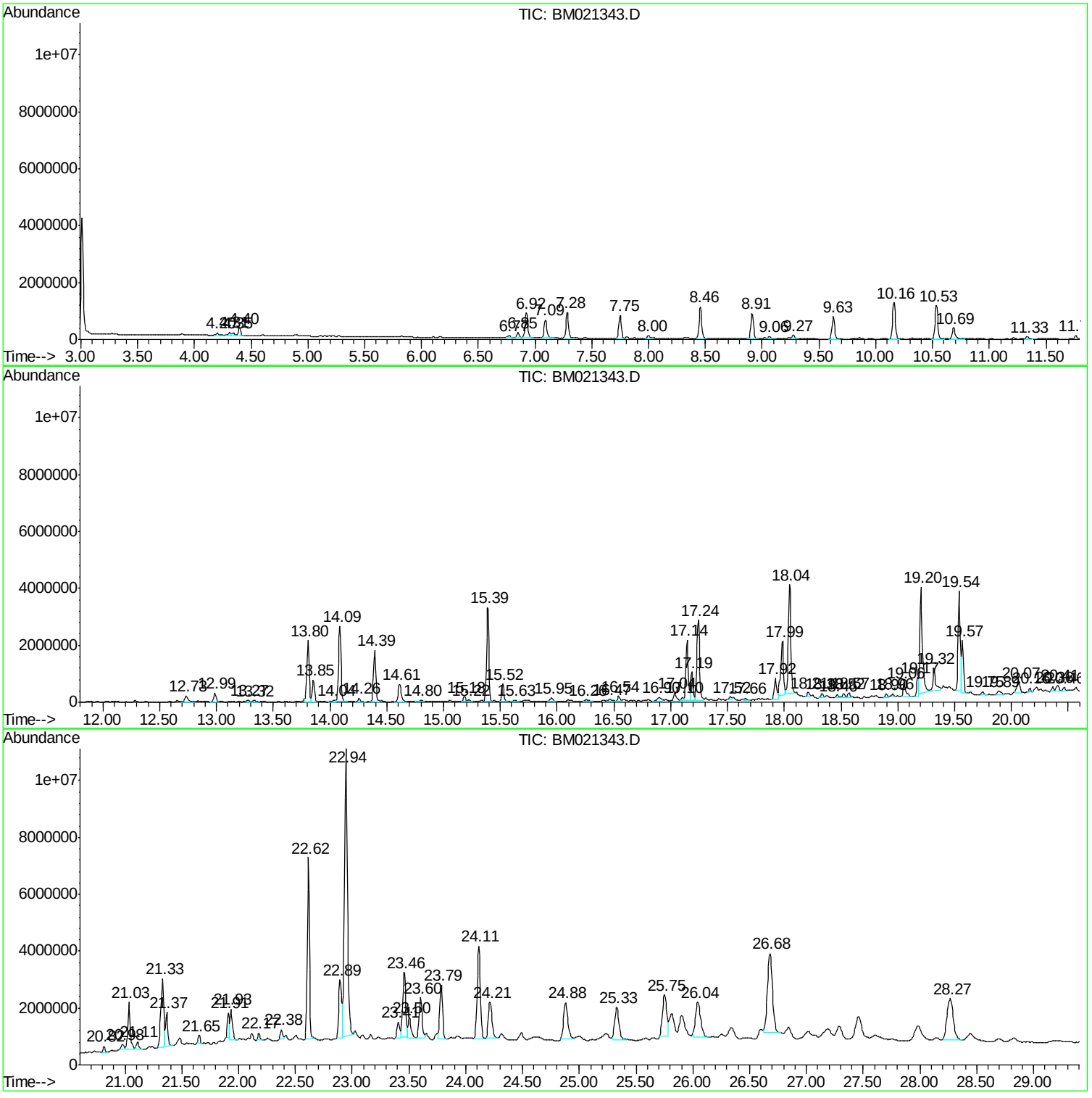
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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Acq On : 02 Jul 2019 15:10
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Misc :
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Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

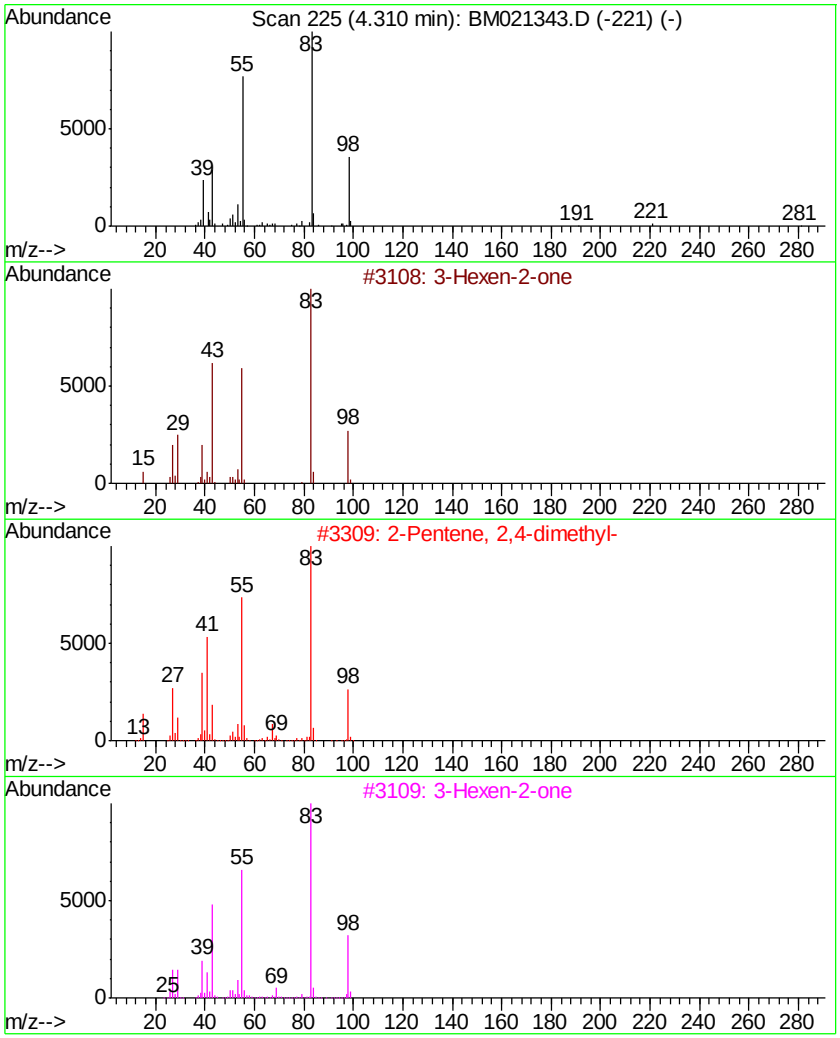
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

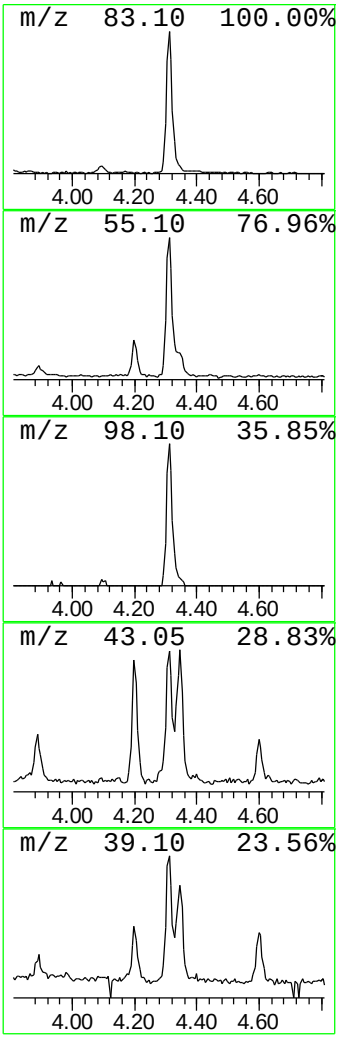
****

Peak Number 1 3-Hexen-2-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	2.65 ng/ul	170864	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	90
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

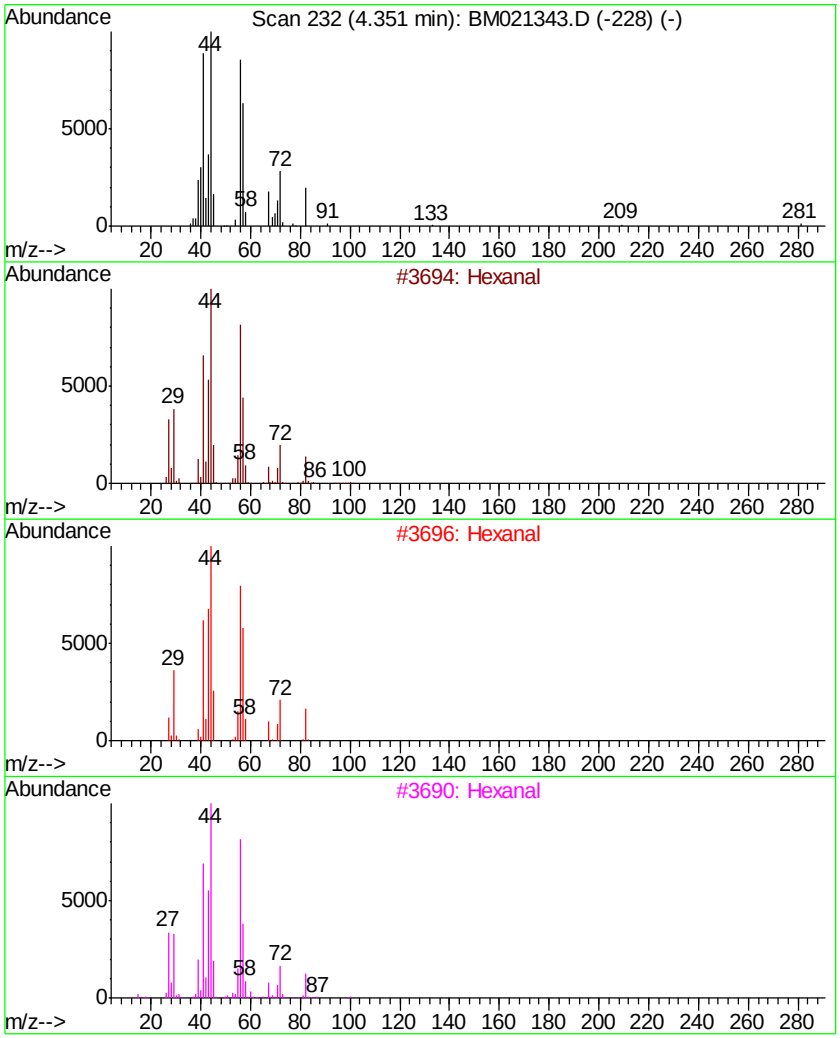
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

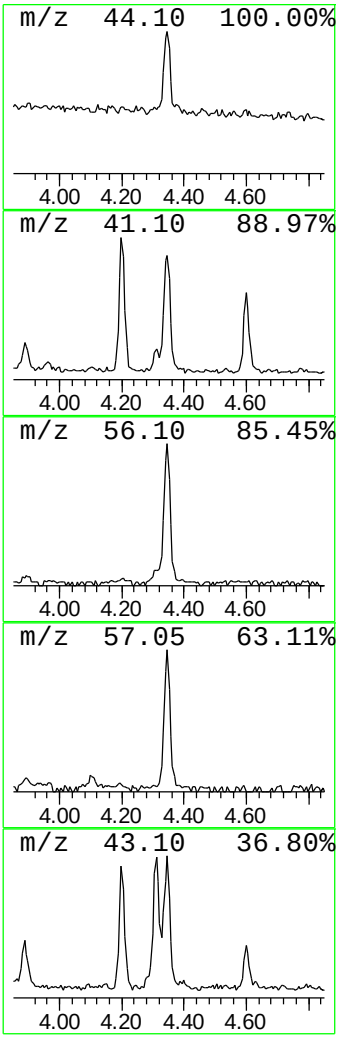
****

Peak Number 2 Hexanal Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.18 ng/ul	140449	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	83
3	Hexanal	100	C6H12O	000066-25-1	83
4	Hexanal	100	C6H12O	000066-25-1	78
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	35





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

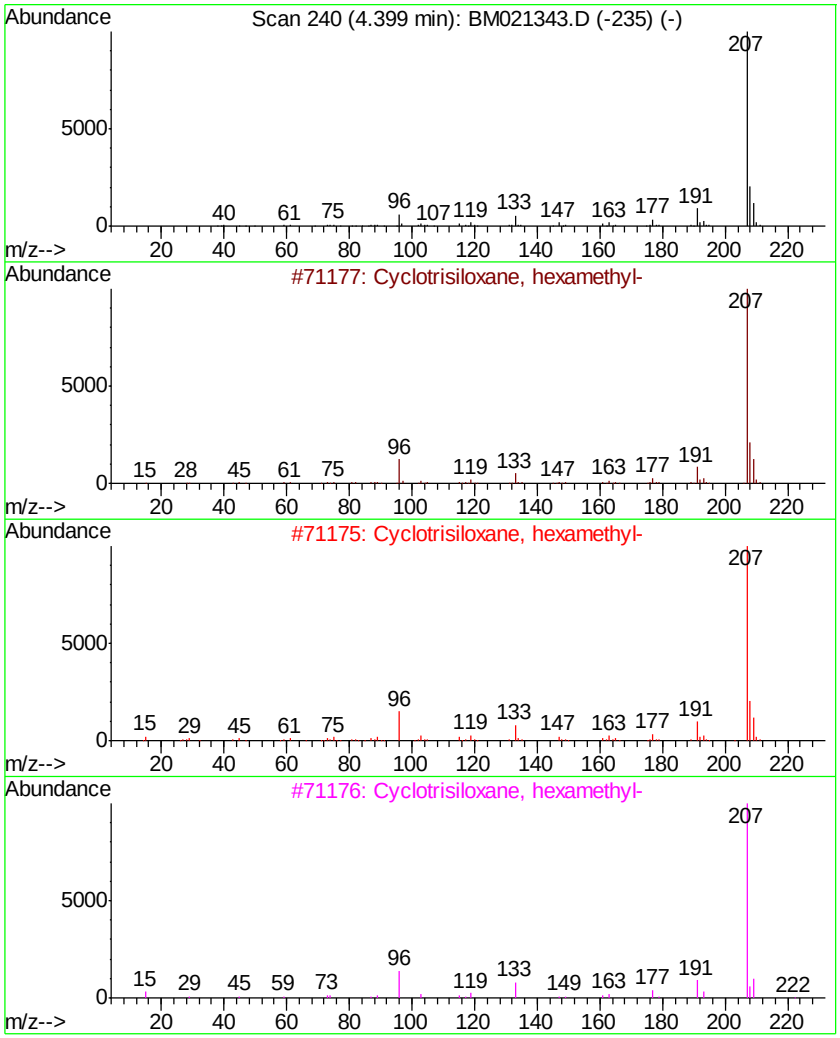
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

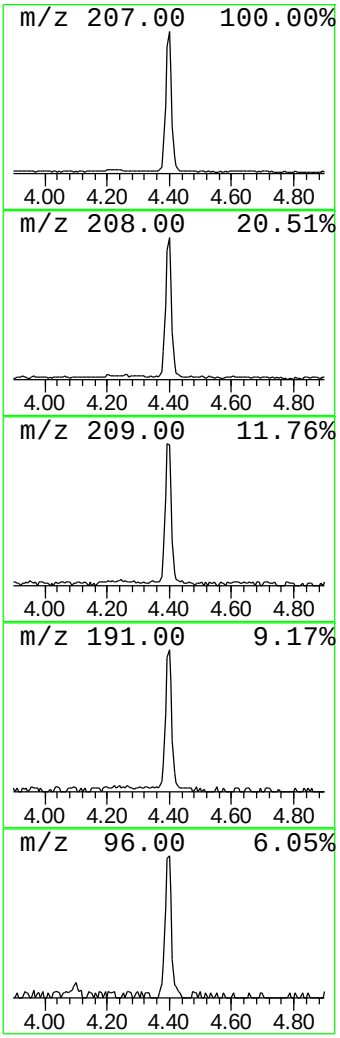
****

Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.93 ng/ul	382380	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

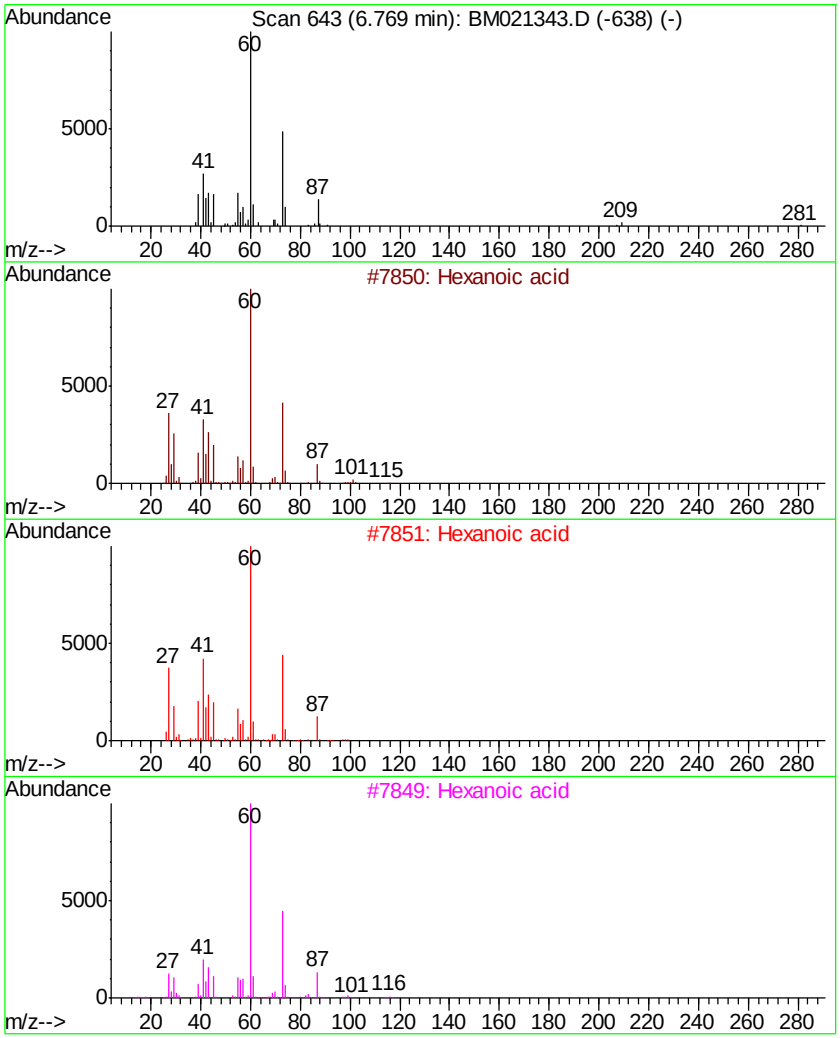
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

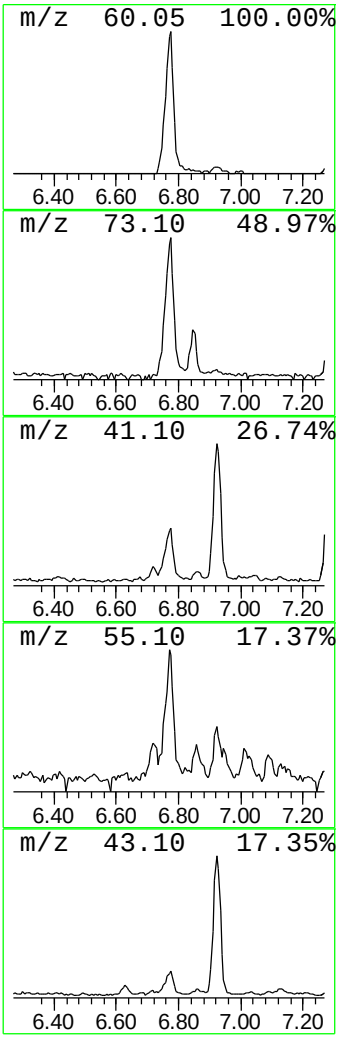
****

Peak Number 4 Hexanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	2.11 ng/ul	136314	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	78
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

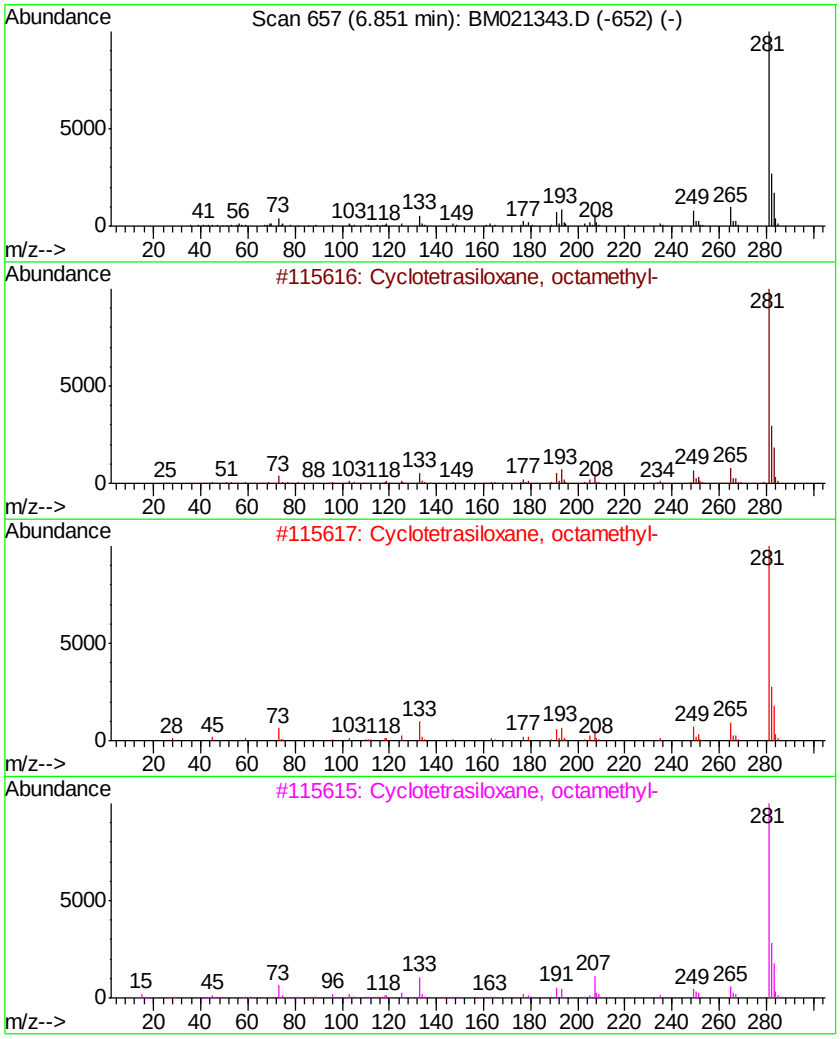
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

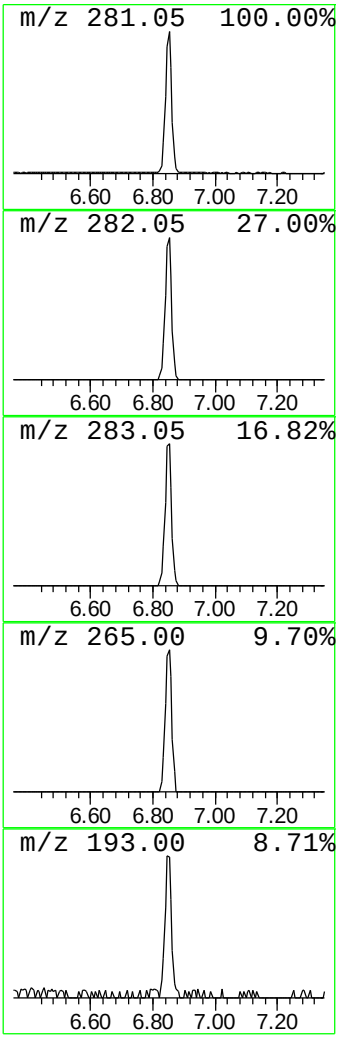
****

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	4.13 ng/ul	266587	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
4	Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	59
5	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	59





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Operator : HP/JU
Sample : K3594-05
Misc :
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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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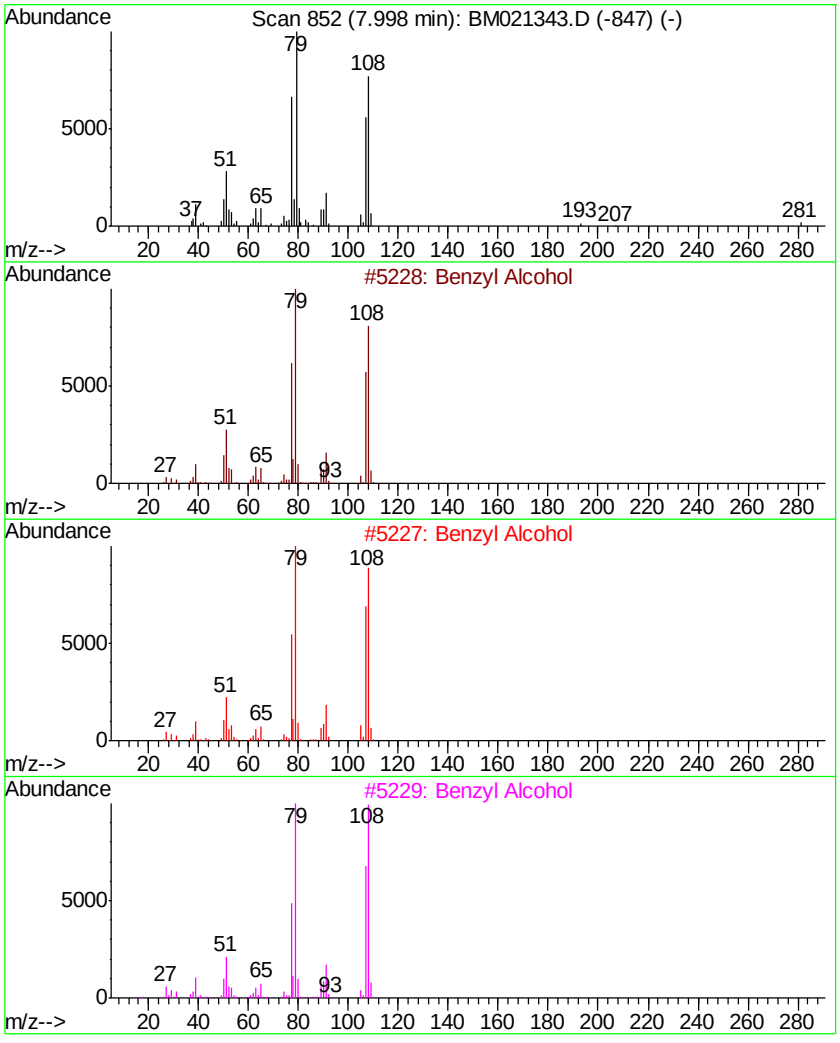
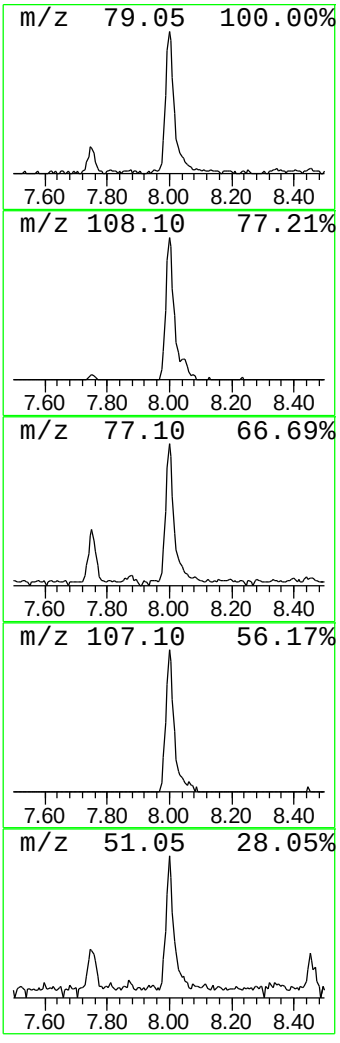
Peak Number 6 Benzyl Alcohol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.96 ng/ul	190875	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	98
2	Benzyl Alcohol	108	C7H8O	000100-51-6	97
3	Benzyl Alcohol	108	C7H8O	000100-51-6	96
4	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
5	N-Benzyloxycarbonyl-L-tyrosine	315	C17H17NO5	001164-16-5	91





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Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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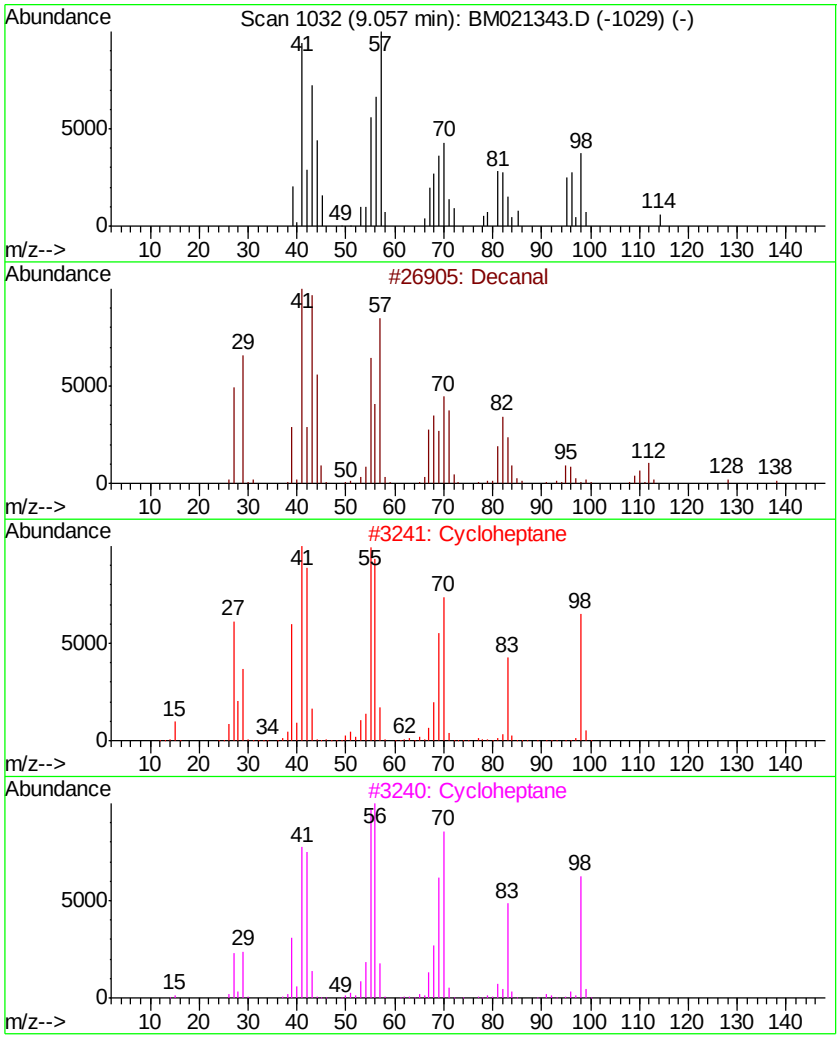
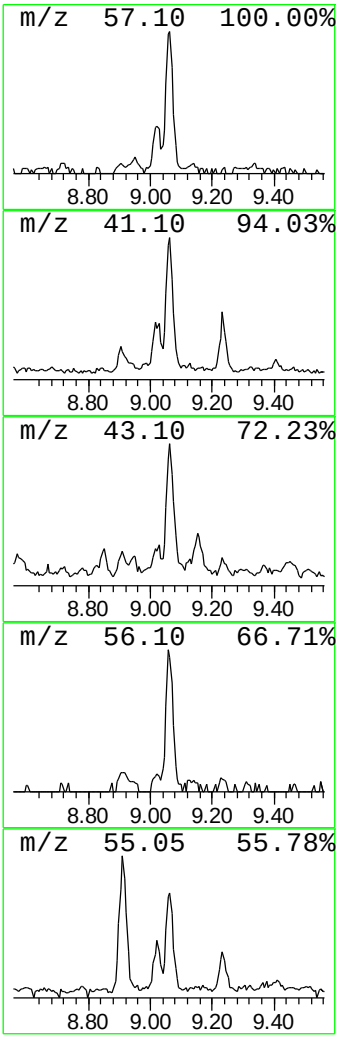
Peak Number 7 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.20 ng/ul	141880	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	47
2	Cycloheptane	98	C7H14	000291-64-5	43
3	Cycloheptane	98	C7H14	000291-64-5	38
4	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	35
5	Formic acid, octyl ester	158	C9H18O2	000112-32-3	35





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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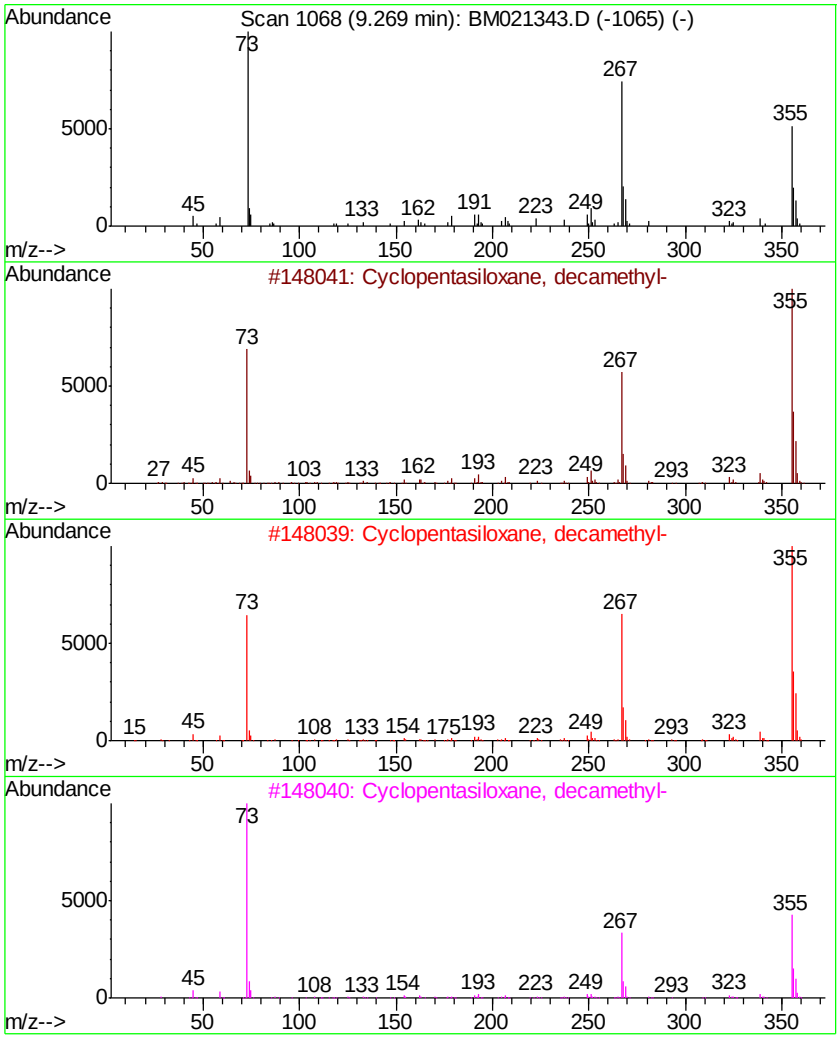
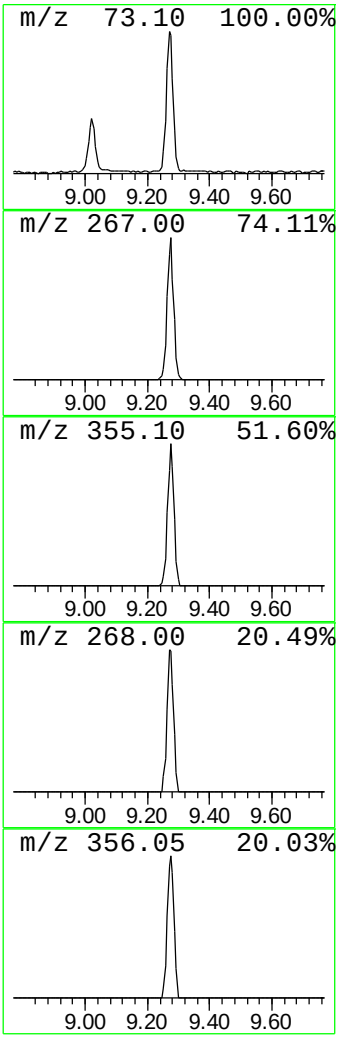
Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.00 ng/ul	199216	Naphthalene-d8	10.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47
5	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	43





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Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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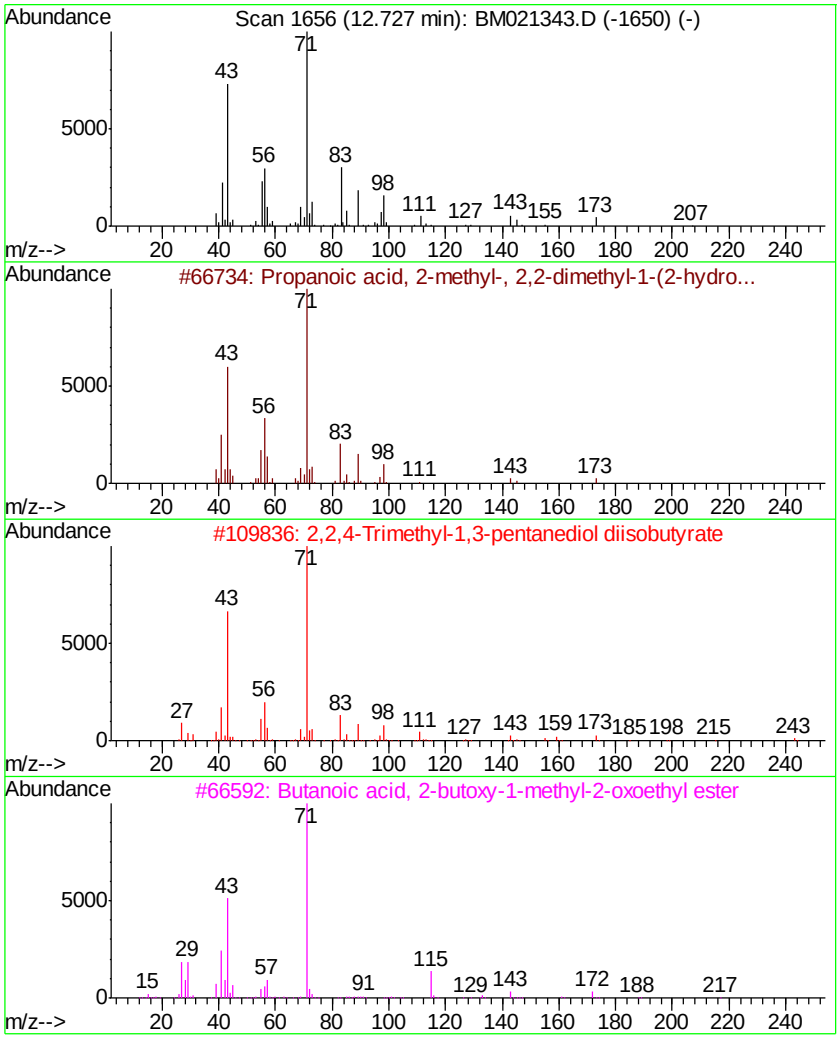
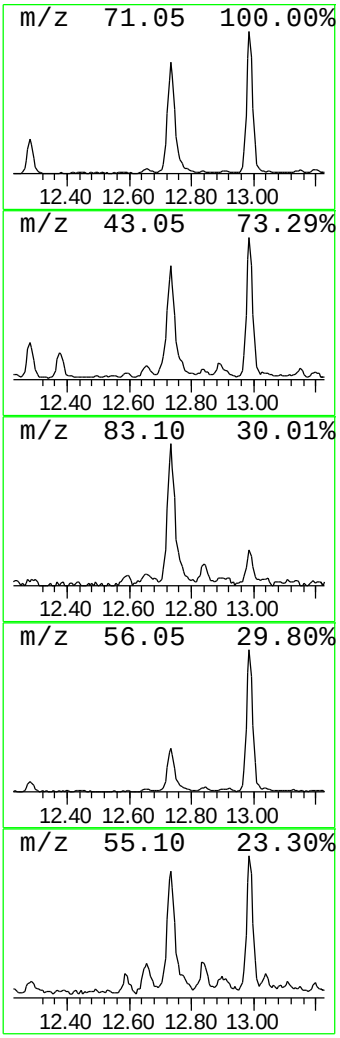
Peak Number 9 Propanoic acid, 2-methyl-, ... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.25 ng/ul	456110	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	80
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
3	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	43
4	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43
5	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	40





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Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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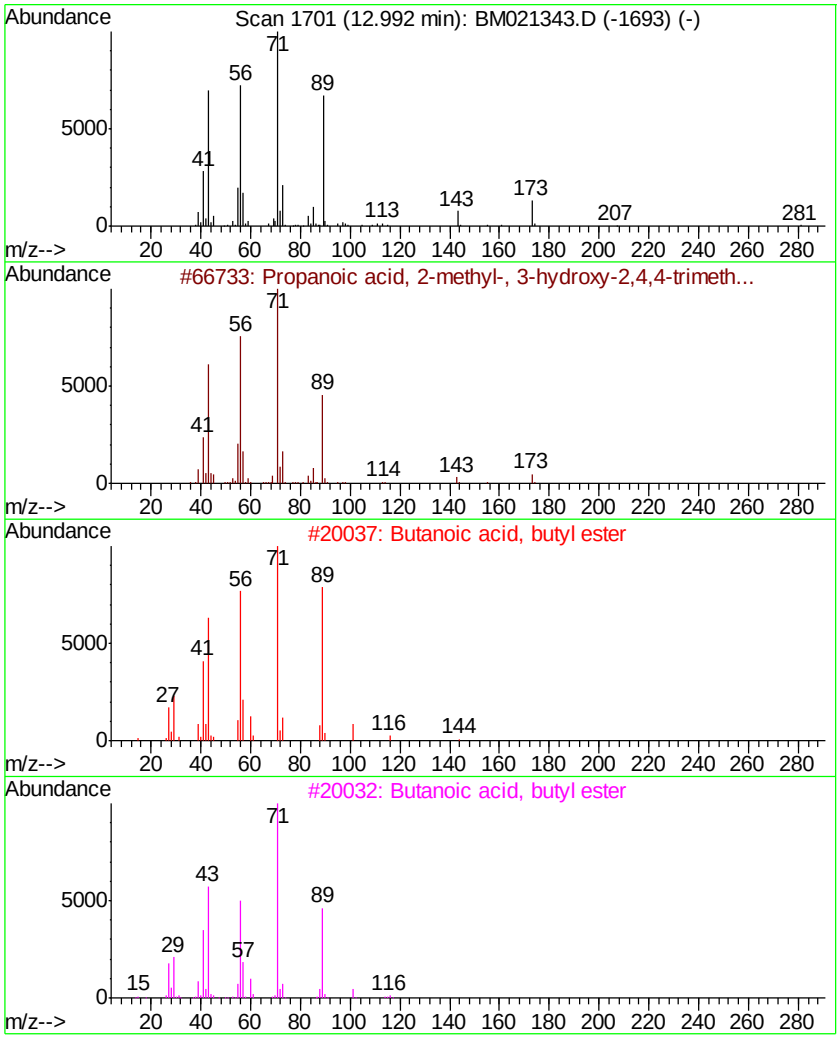
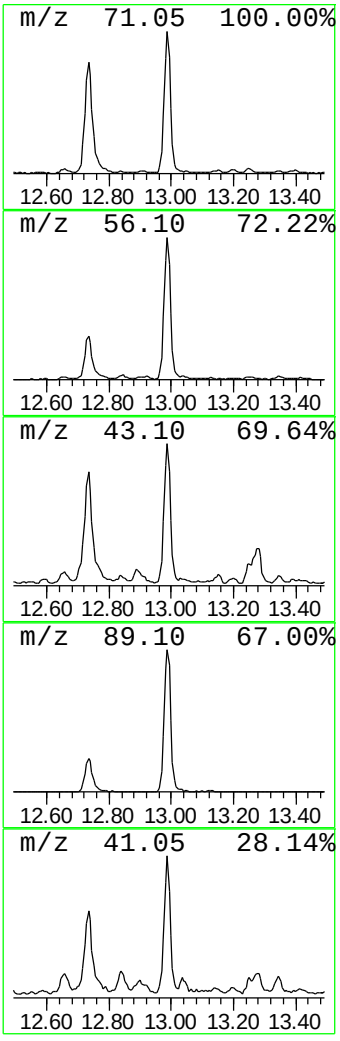
Peak Number 10 Propanoic acid, 2-methyl-, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.25 ng/ul	455438	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	90
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	74
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	59
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59





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Sample : K3594-05
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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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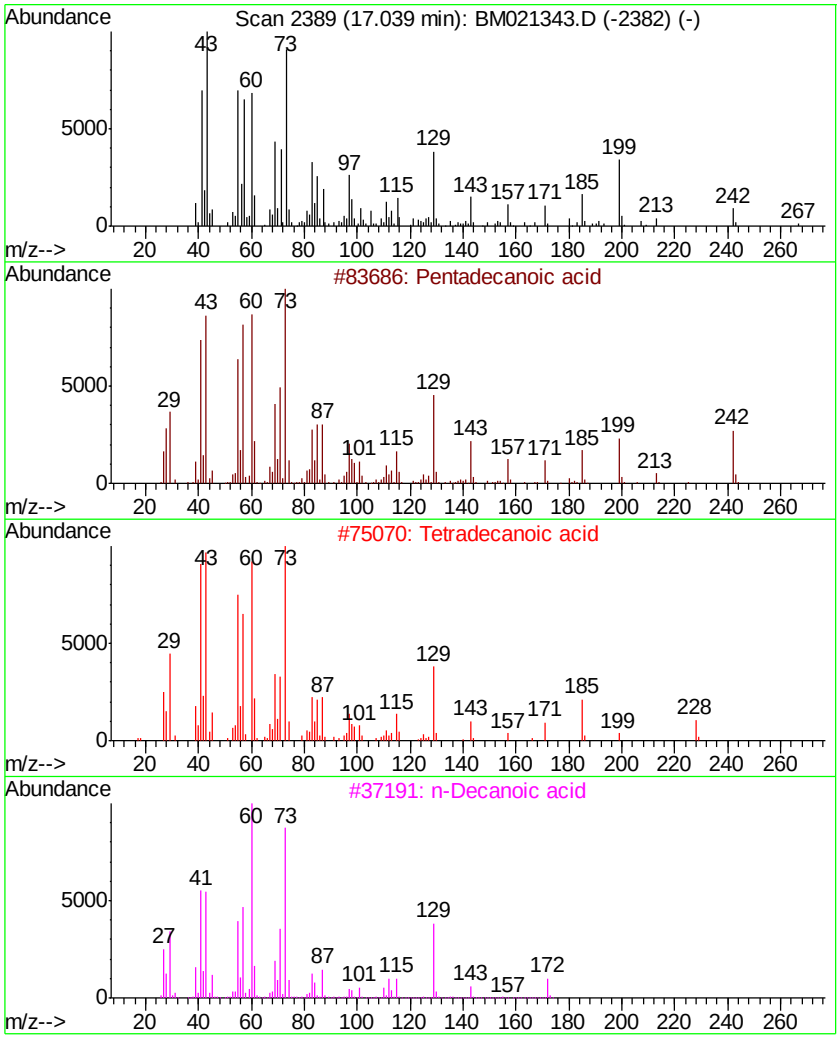
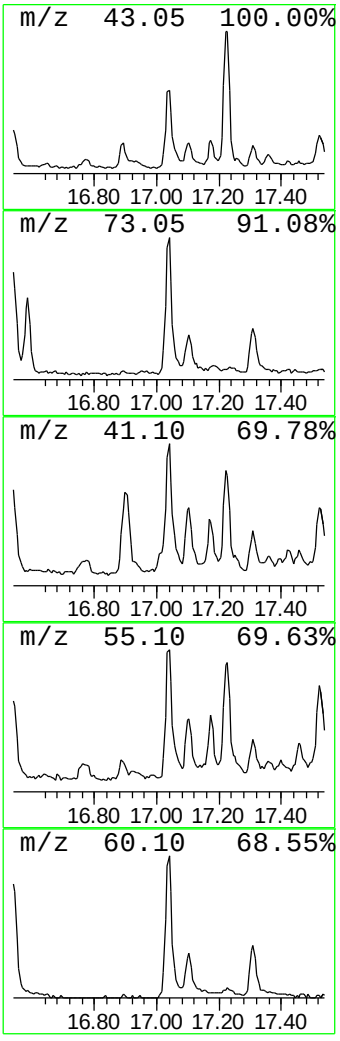
Peak Number 11 Pentadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	3.03 ng/ul	473800	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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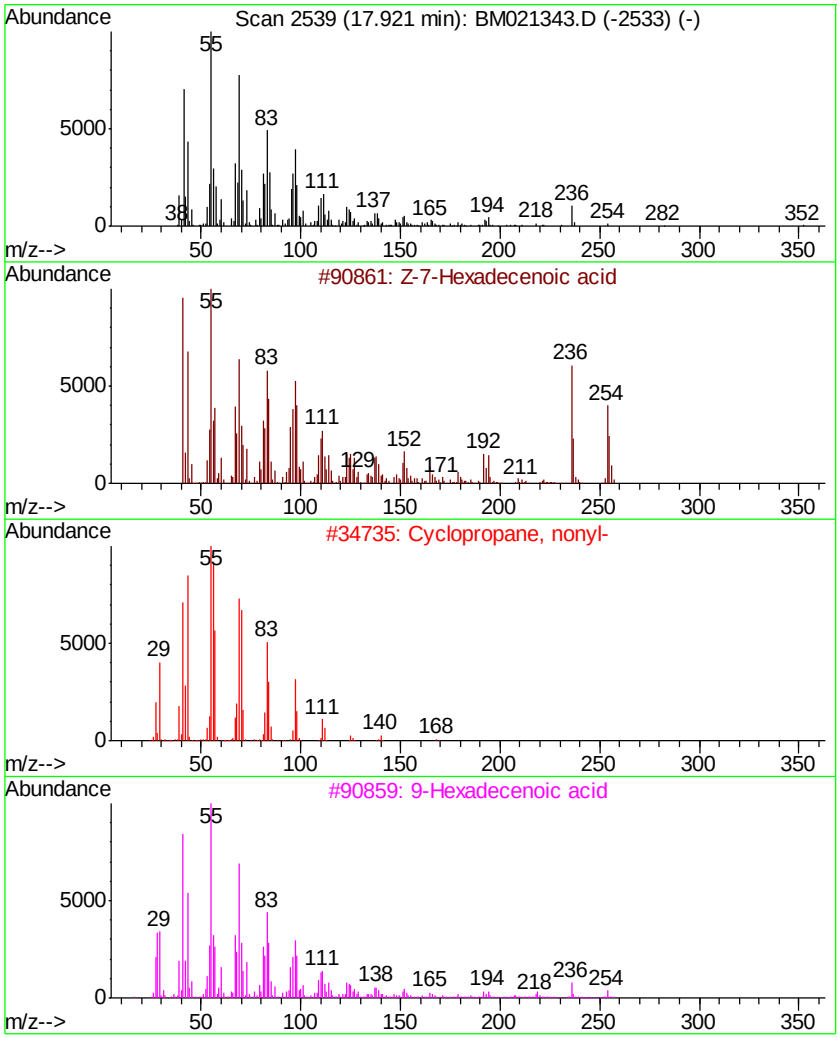
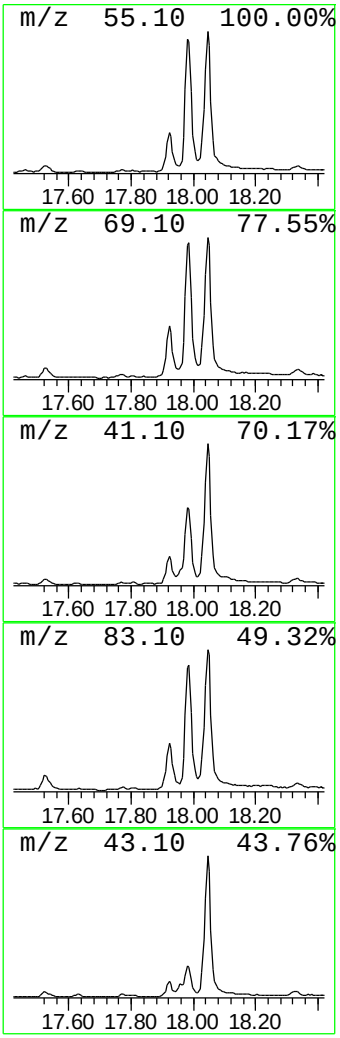
Peak Number 12 Z-7-Hexadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.47 ng/ul	1167760	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	83
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	68
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
4	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	60
5	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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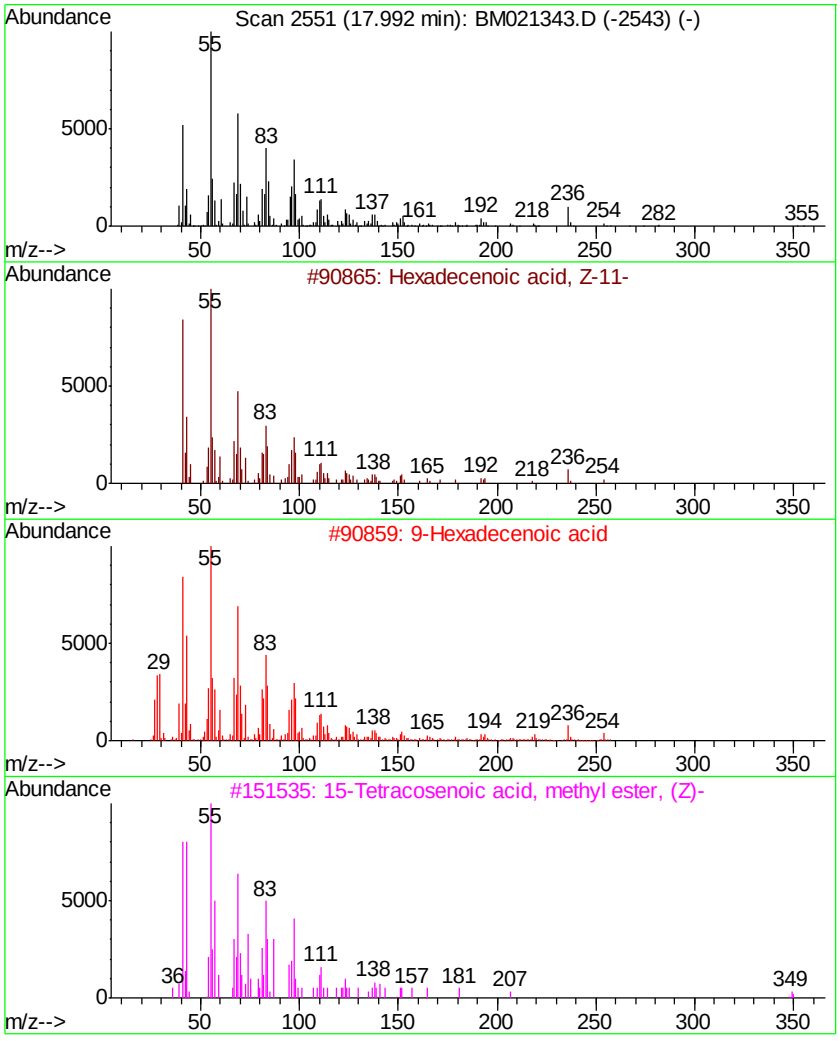
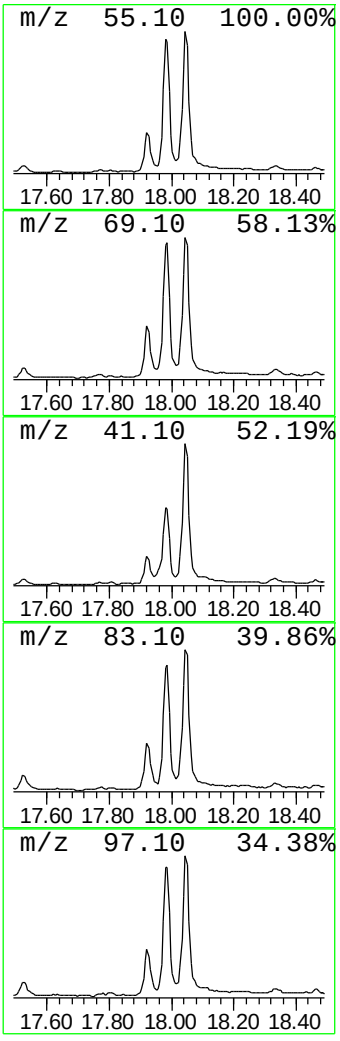
Peak Number 13 Hexadecenoic acid, Z-11- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	20.04 ng/ul	3130540	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	87
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	76
4	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	68
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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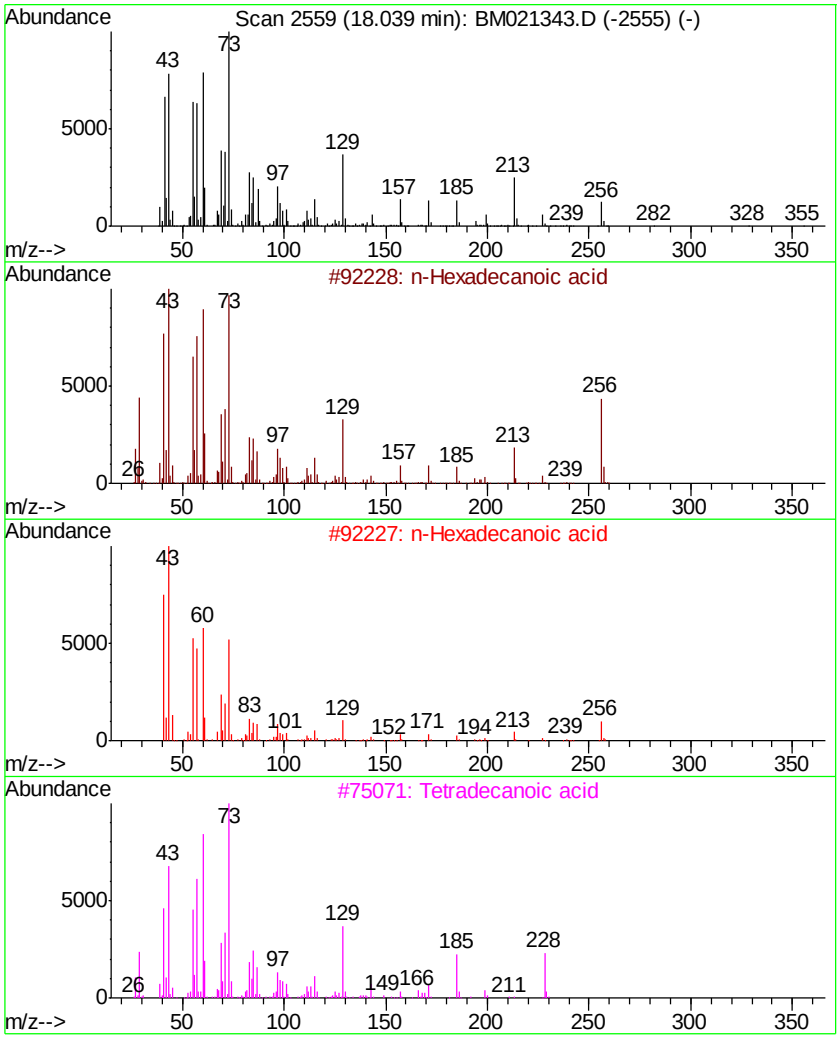
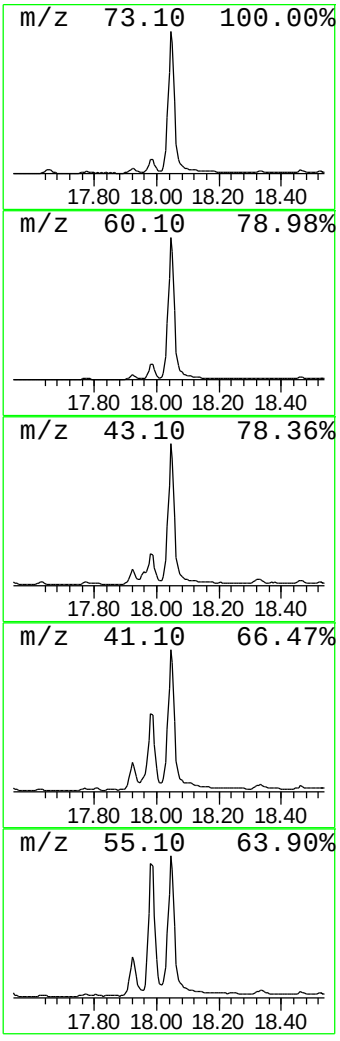
Peak Number 14 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	36.65 ng/ul	5725440	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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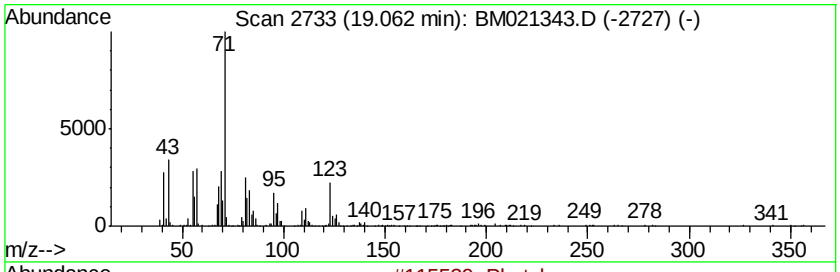
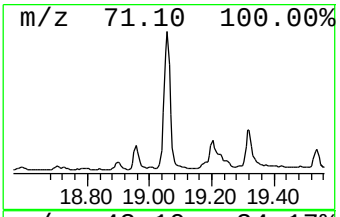
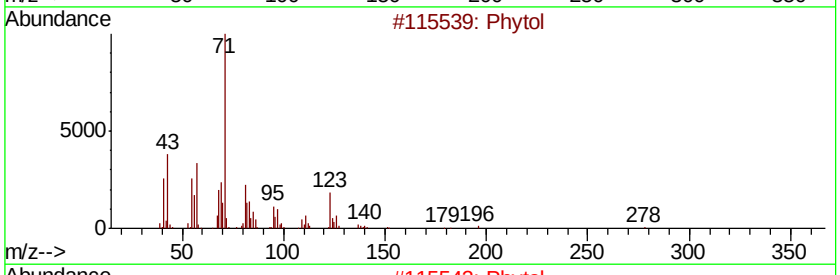
Peak Number 15 Phytol Concentration Rank 17

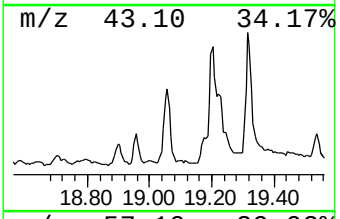
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	5.88 ng/ul	918344	Phenanthrene-d10	17.14

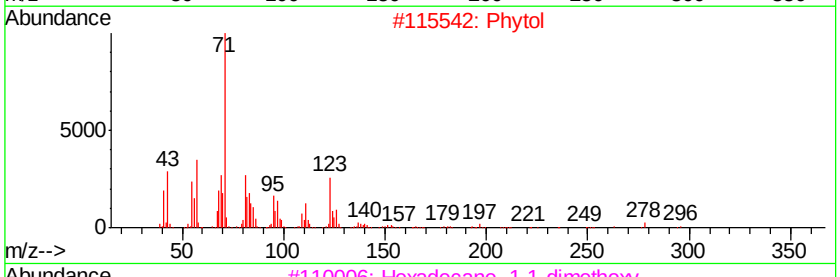
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	91
2	Phytol	296	C20H40O	000150-86-7	53
3	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	53
4	Phytol	296	C20H40O	000150-86-7	53
5	Isophytol	296	C20H40O	000505-32-8	50

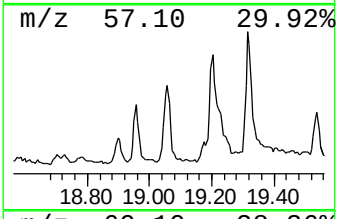


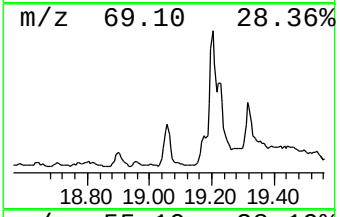


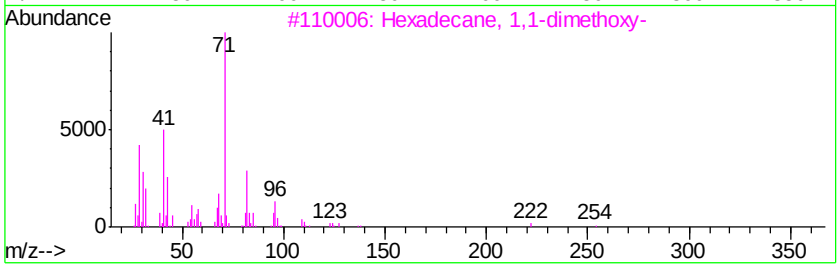


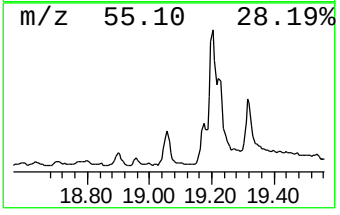












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Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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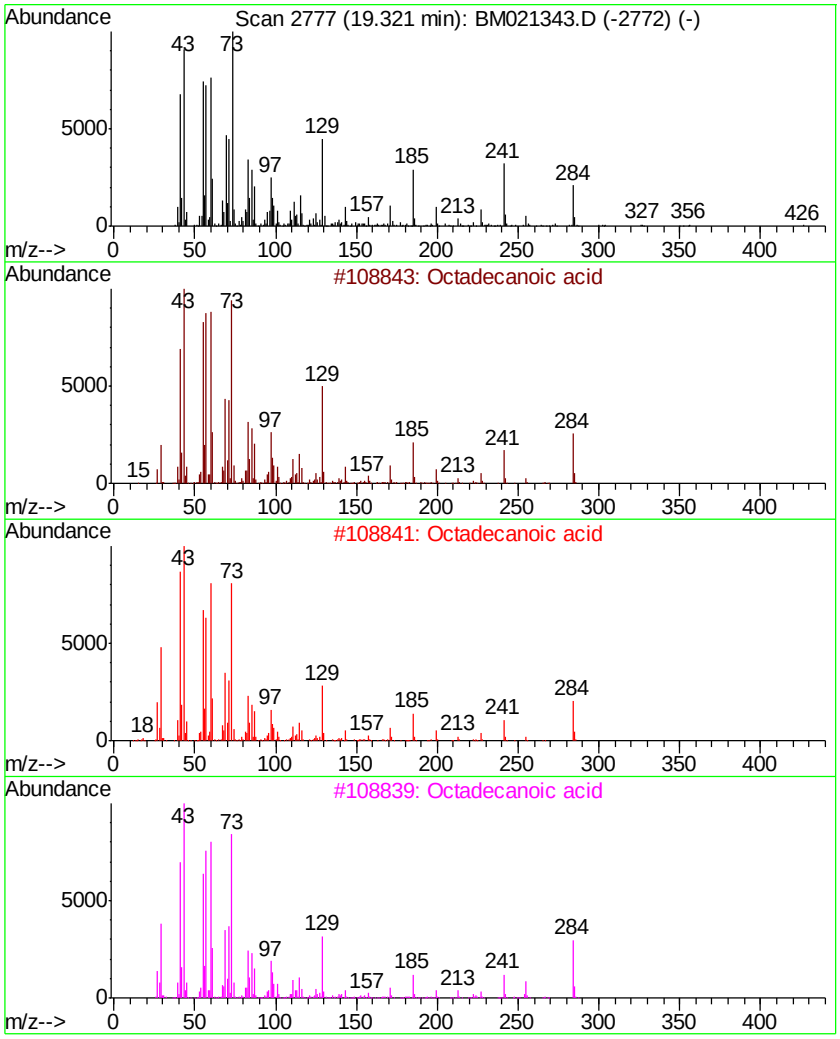
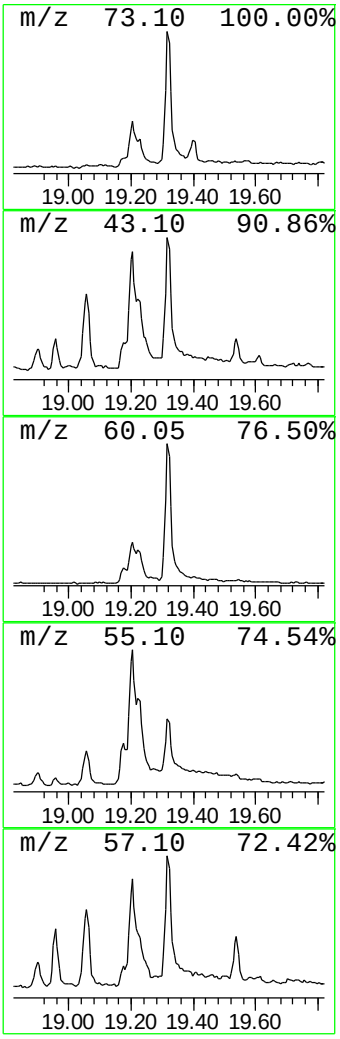
Peak Number 16 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	5.81 ng/ul	1299210	Chrysene-d12	21.33

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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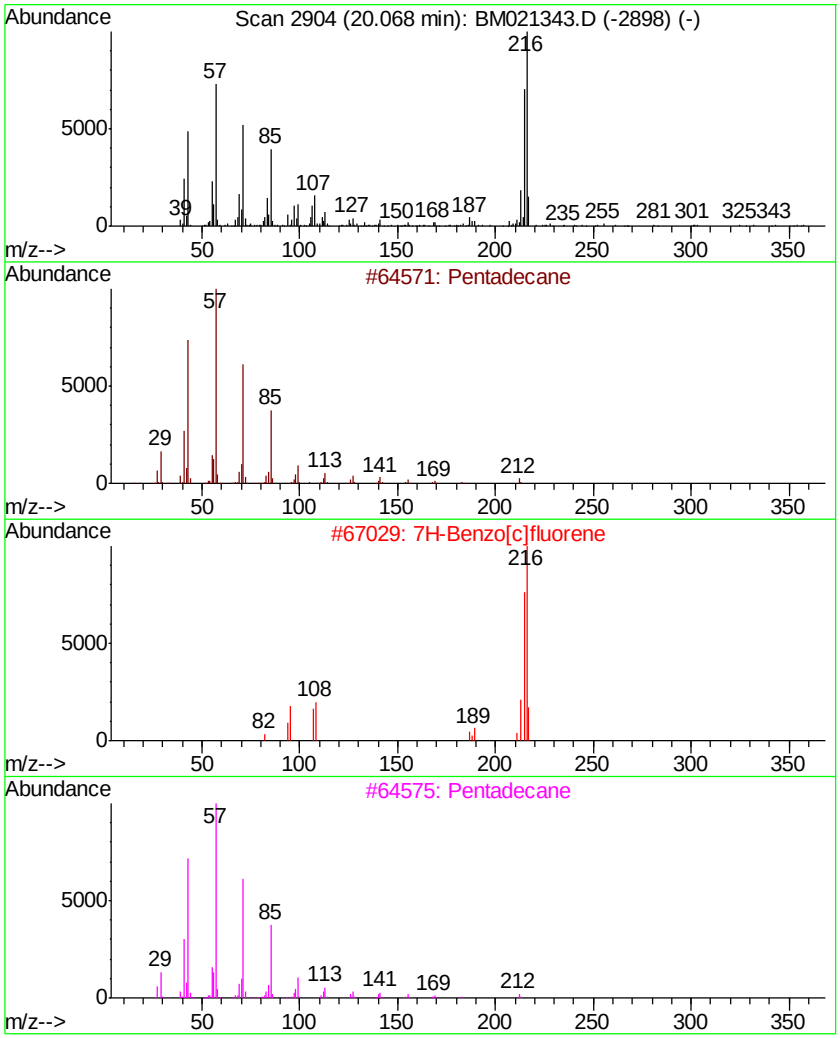
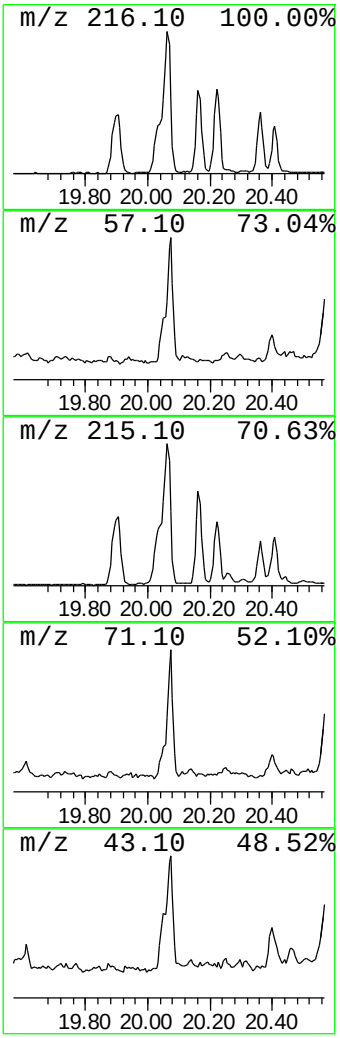
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.11 ng/ul	694833	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
3	Pentadecane	212	C15H32	000629-62-9	56
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5	Pentadecane	212	C15H32	000629-62-9	53





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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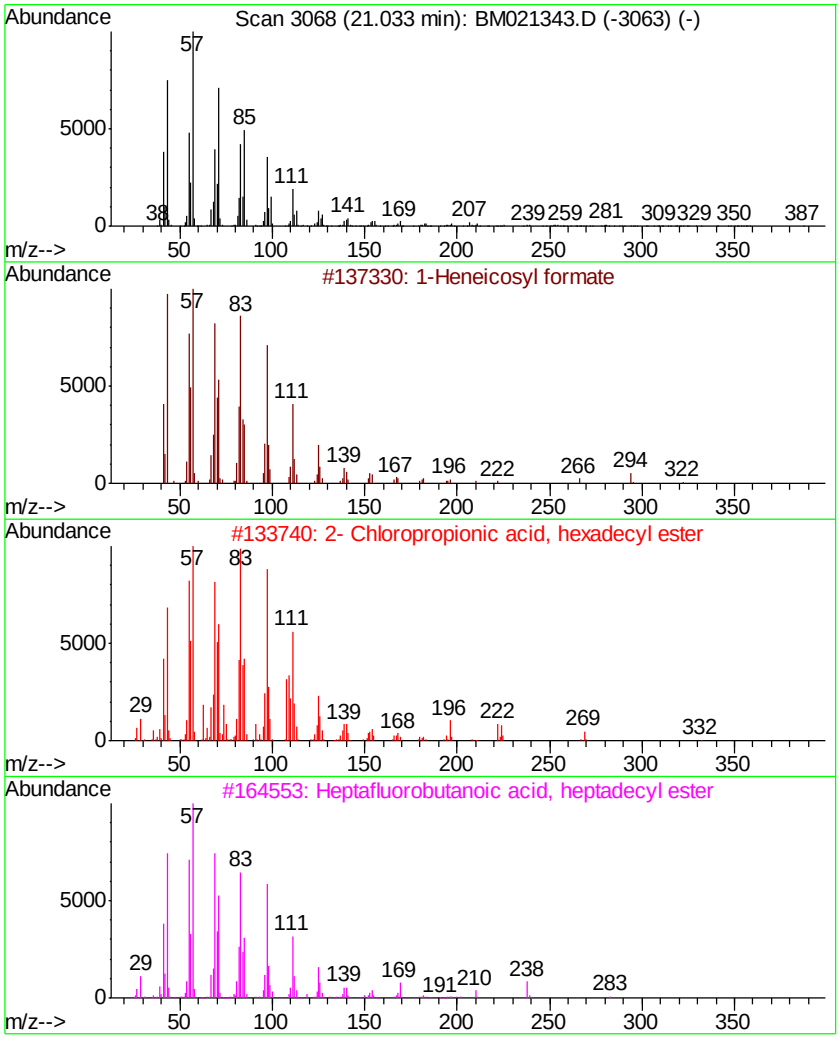
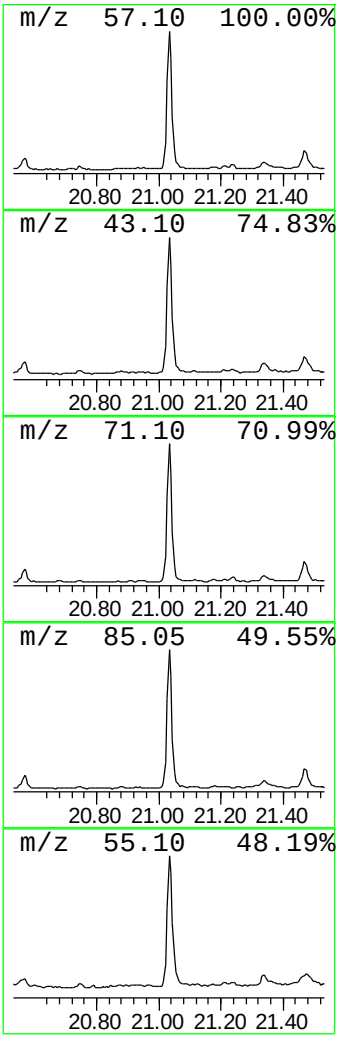
Peak Number 18 1-Heneicosyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	10.92 ng/ul	2441420	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	78
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	70
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	70





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ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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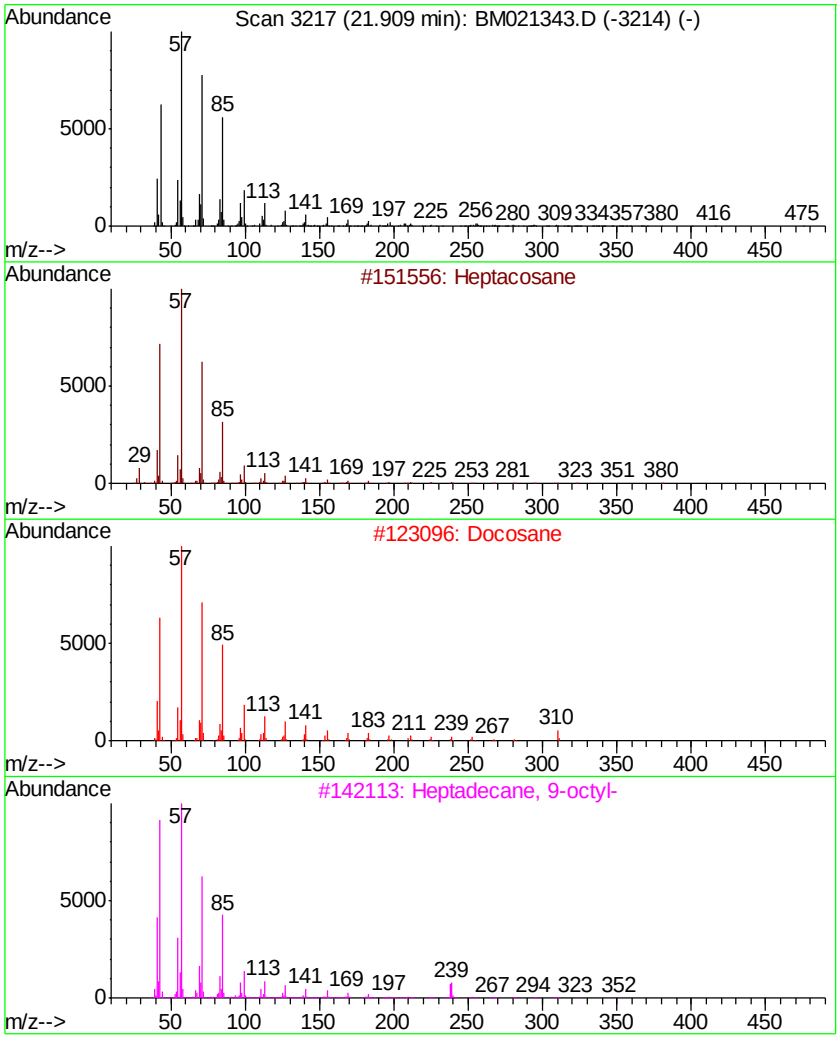
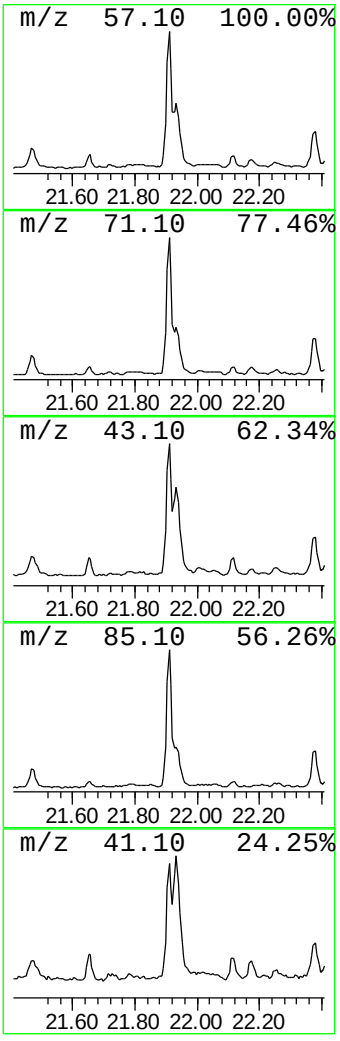
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	4.42 ng/ul	987896	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	99
2	Docosane	310	C22H46	000629-97-0	97
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Docosane	310	C22H46	000629-97-0	94
5	Octacosane	394	C28H58	000630-02-4	91





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ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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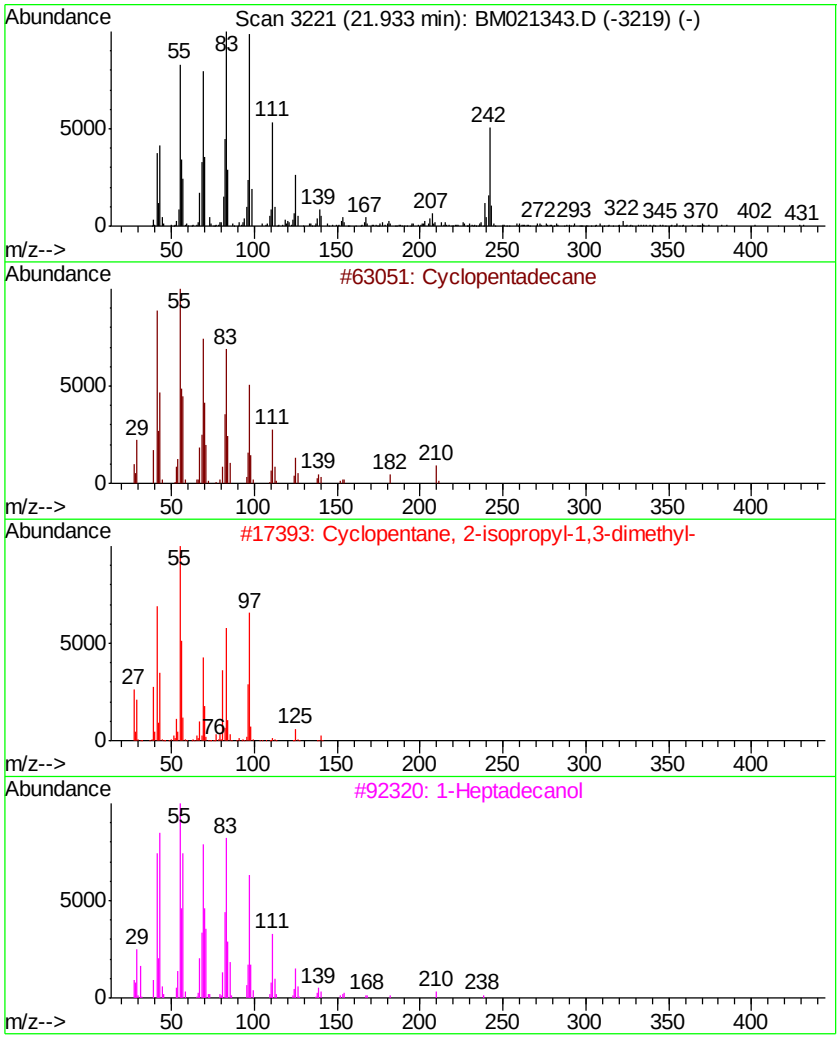
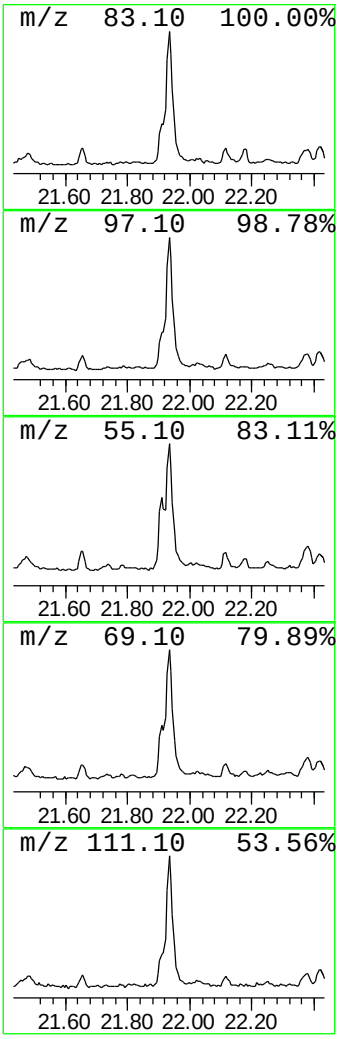
Peak Number 20 (DEL) Alkane: Cyclic21.93 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	6.64 ng/ul	1483830	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	64
2	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	49
3	1-Heptadecanol	256	C17H36O	001454-85-9	47
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	47
5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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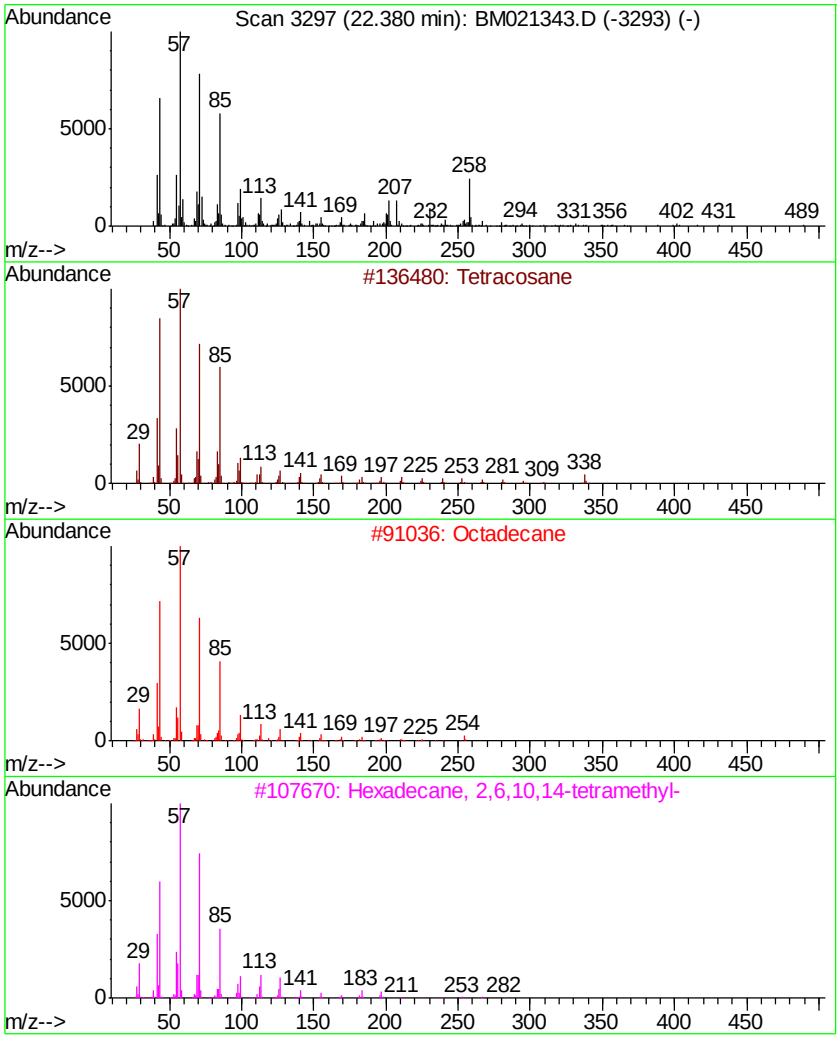
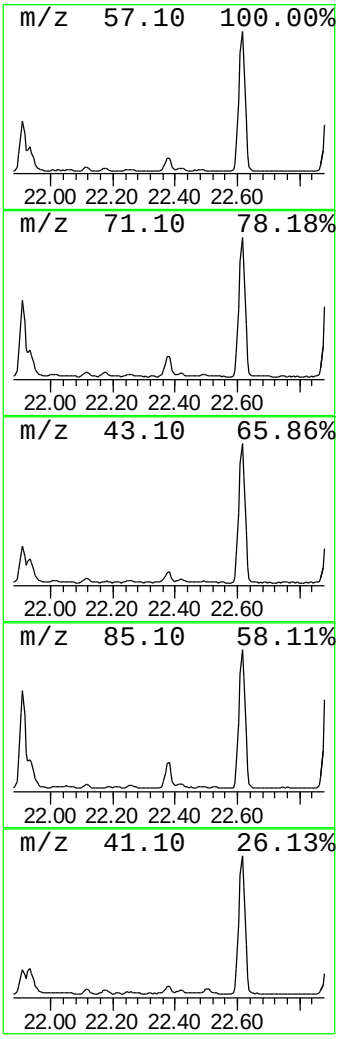
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	2.06 ng/ul	459514	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	89
2	Octadecane	254	C18H38	000593-45-3	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Octadecane	254	C18H38	000593-45-3	76
5	Pentacosane	352	C25H52	000629-99-2	76





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Misc :
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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 22 13-Docosen-1-ol, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	66.02 ng/ul	8647380	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2	Octadecanal	268	C18H36O	000638-66-4	96
3	17-Octadecenal	266	C18H34O	056554-86-0	95
4	16-Octadecenal	266	C18H34O	056554-87-1	94
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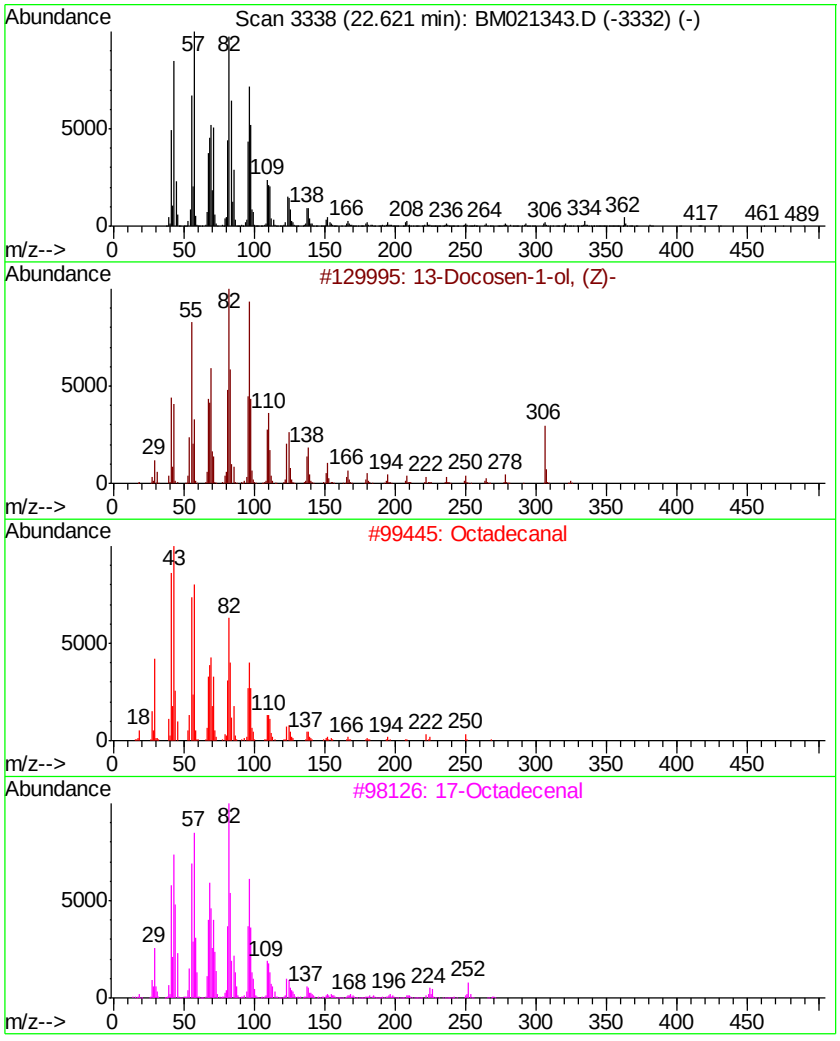

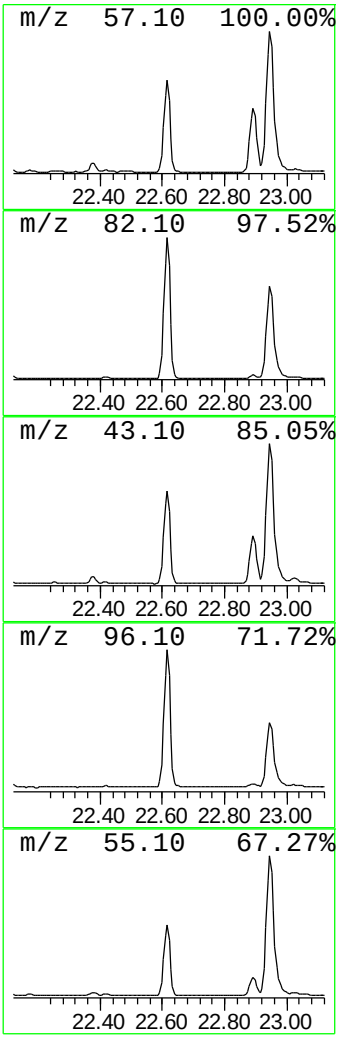

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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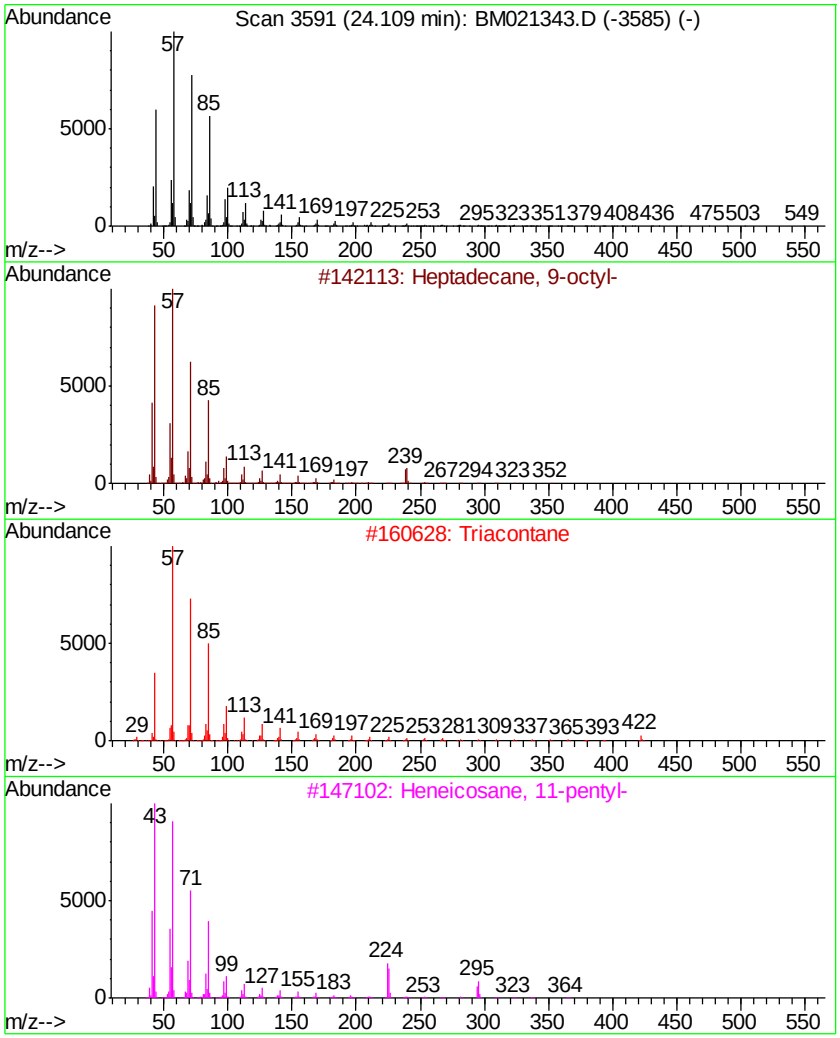
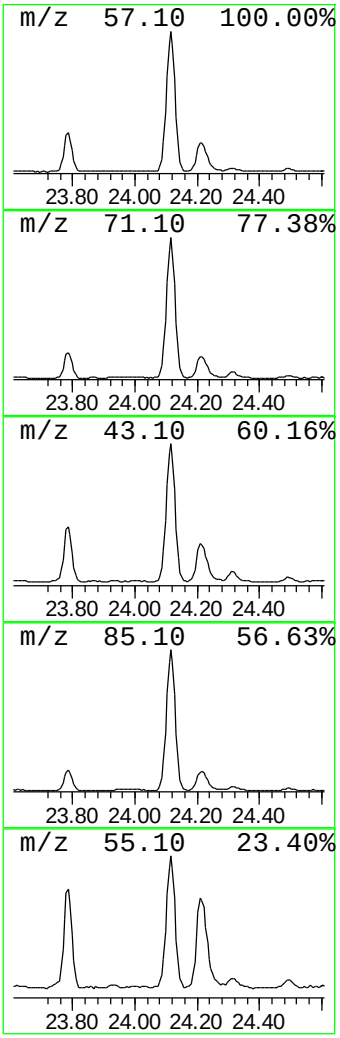
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	48.77 ng/ul	6387910	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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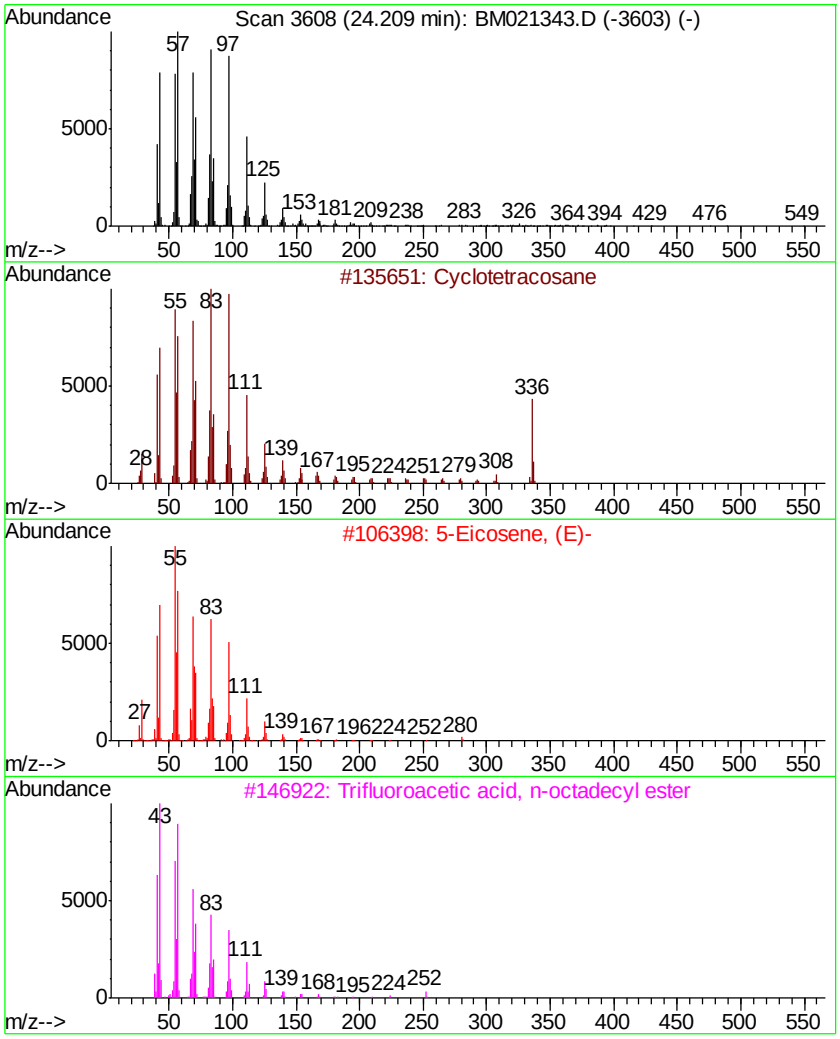
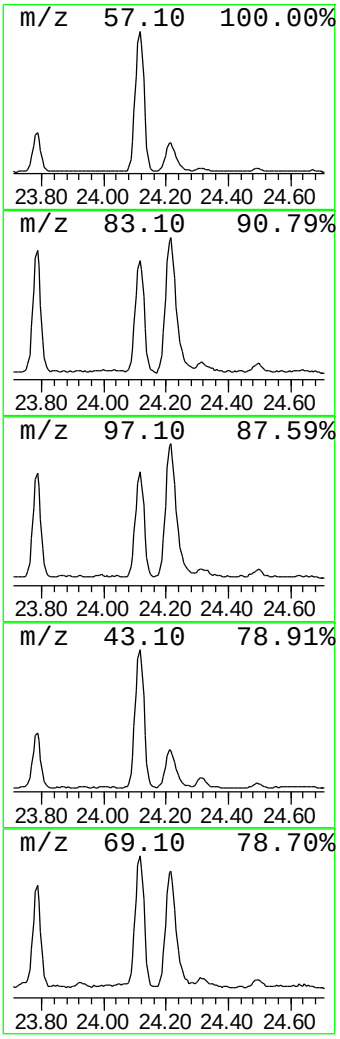
Peak Number 25 (DEL) Alkane: Cyclic24.21 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	22.01 ng/ul	2882750	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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Instrument : BNA_M
ClientSampleId : C5BD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 26 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	25.58 ng/ul	3349830	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Cholesterol	386	C27H46O	000057-88-5	95
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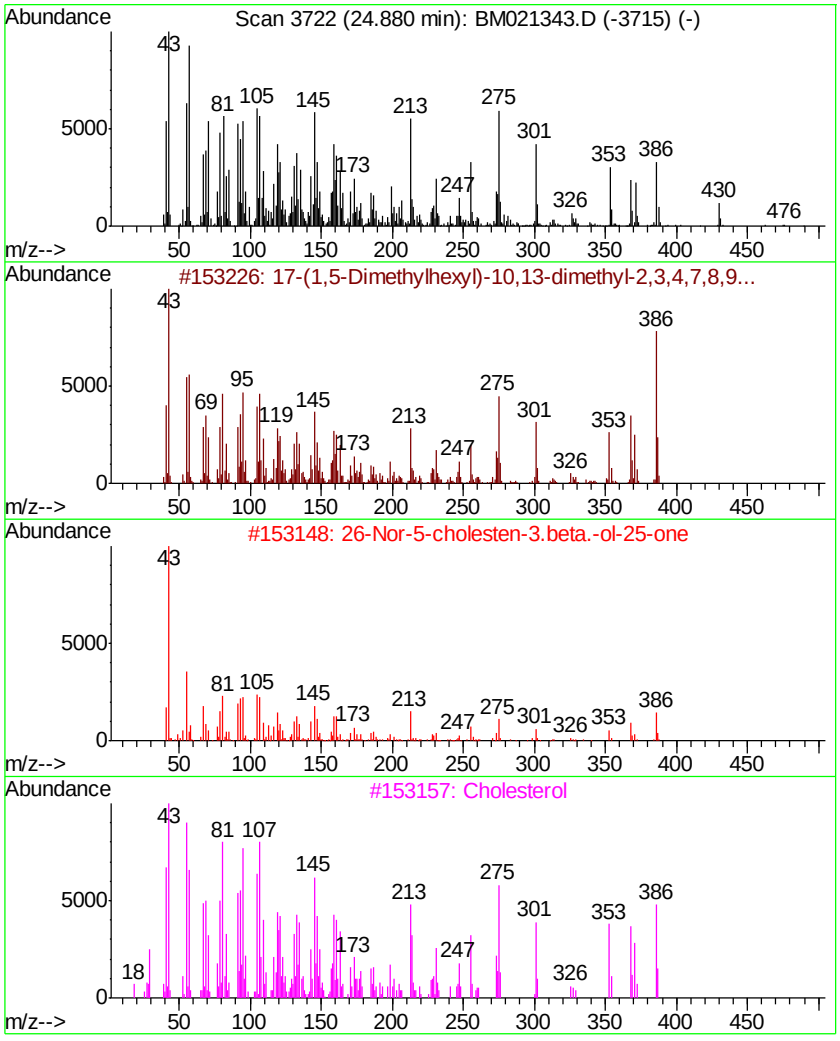
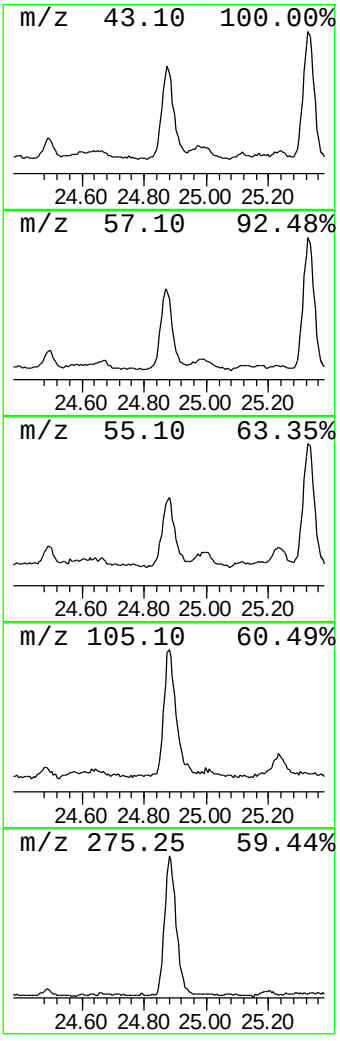
5	Cholesterol	386	C27H46O	000057-88-5	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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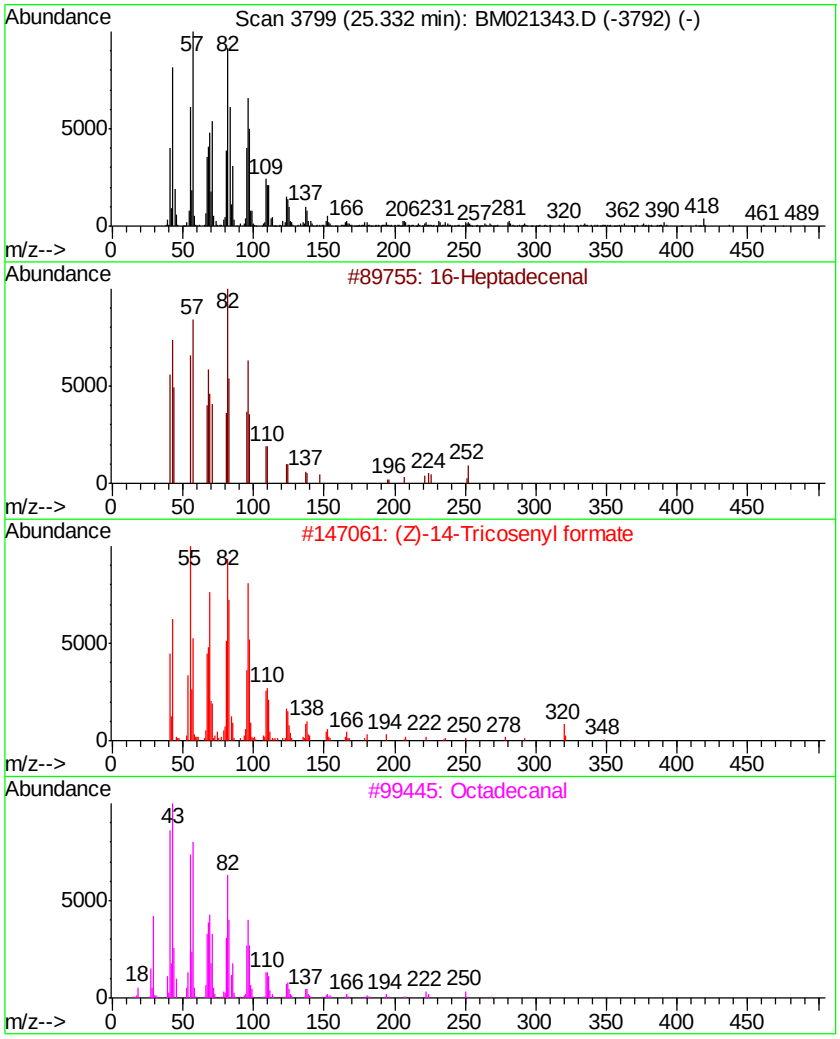
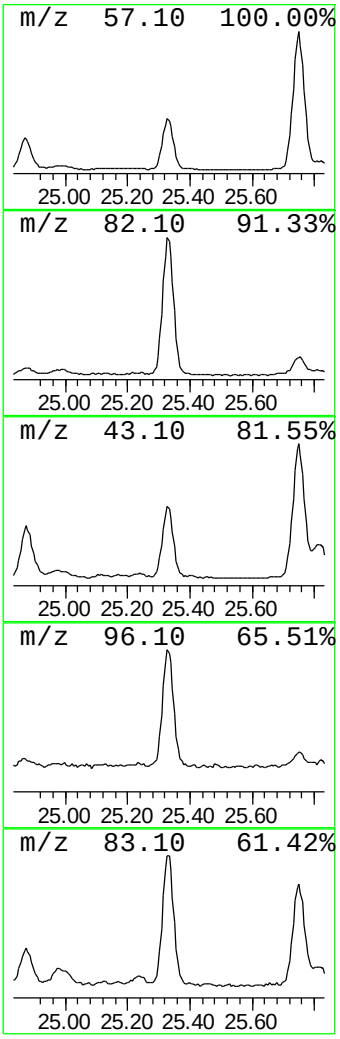
Peak Number 27 16-Heptadecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.33	22.75 ng/ul	2979260	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	94
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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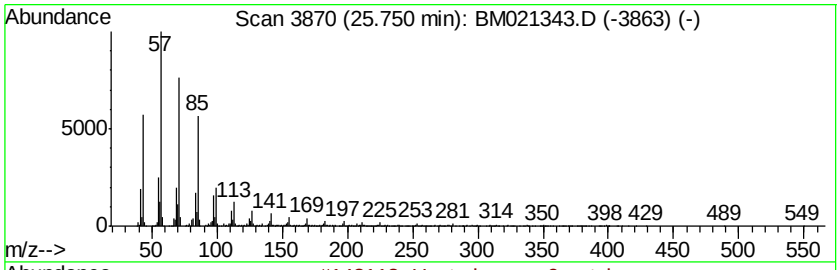
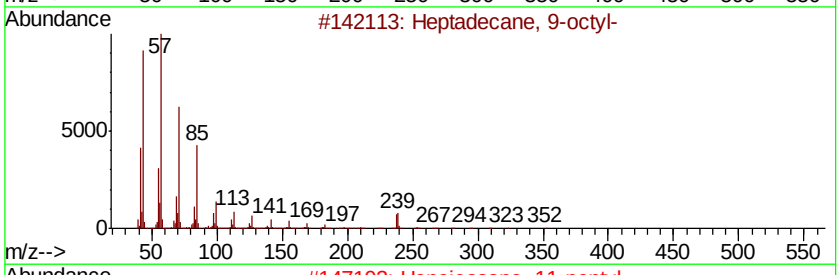
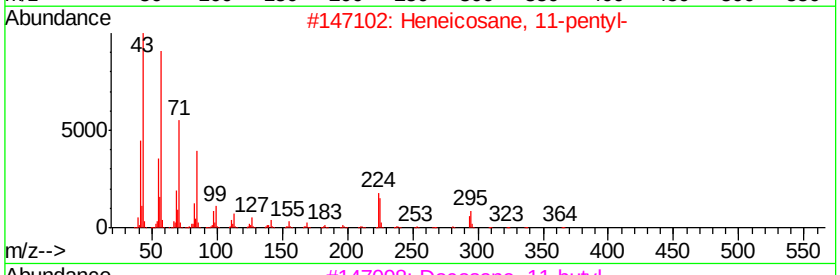
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 7

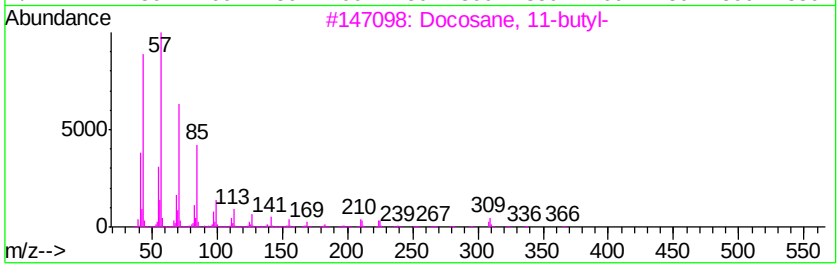
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	29.63 ng/ul	3880740	Perylene-d12	23.60

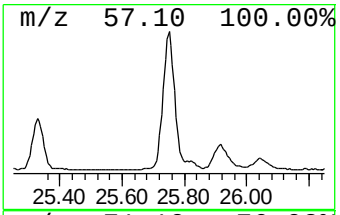
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Pentacosane	352	C25H52	000629-99-2	91

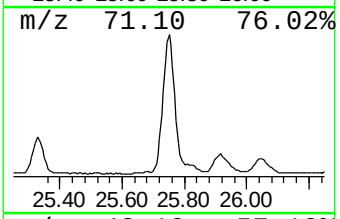


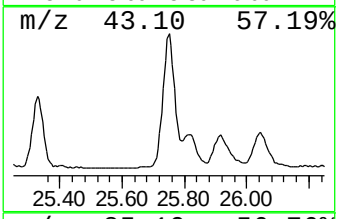


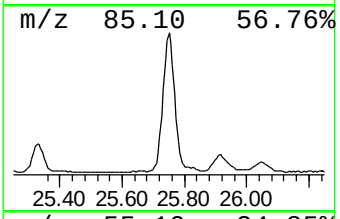


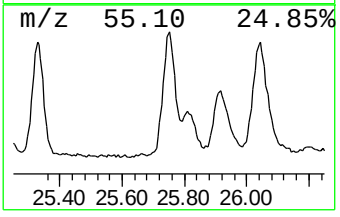












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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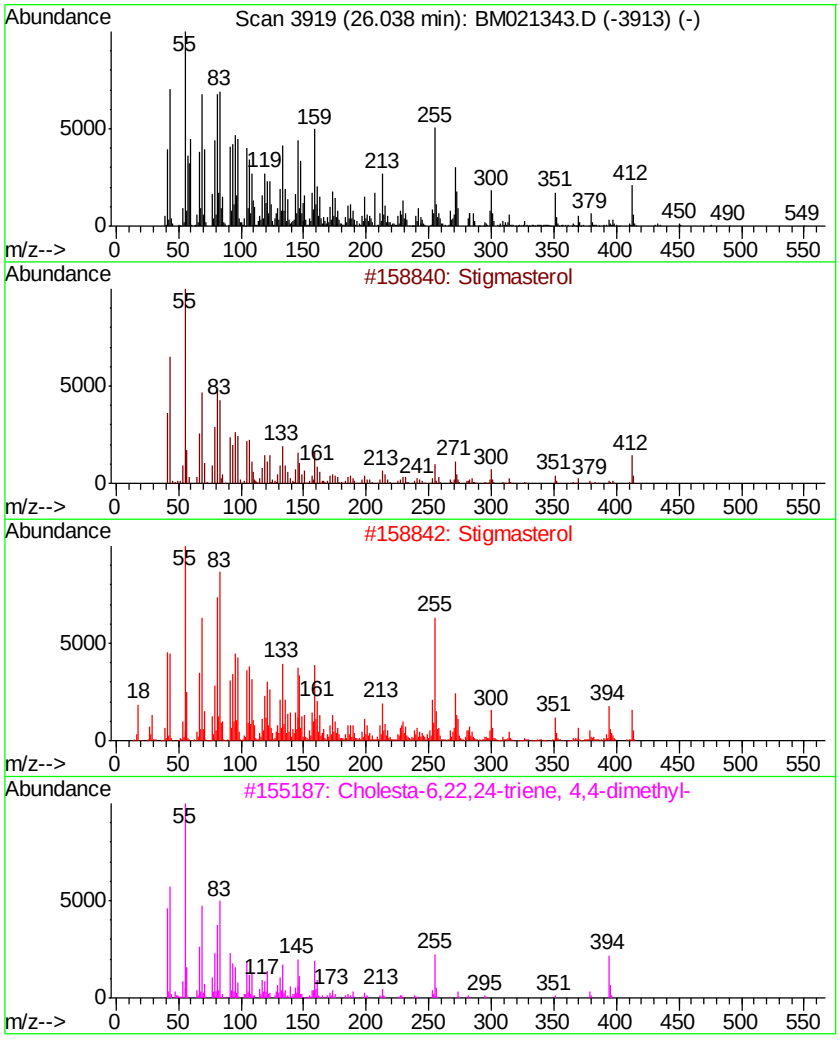
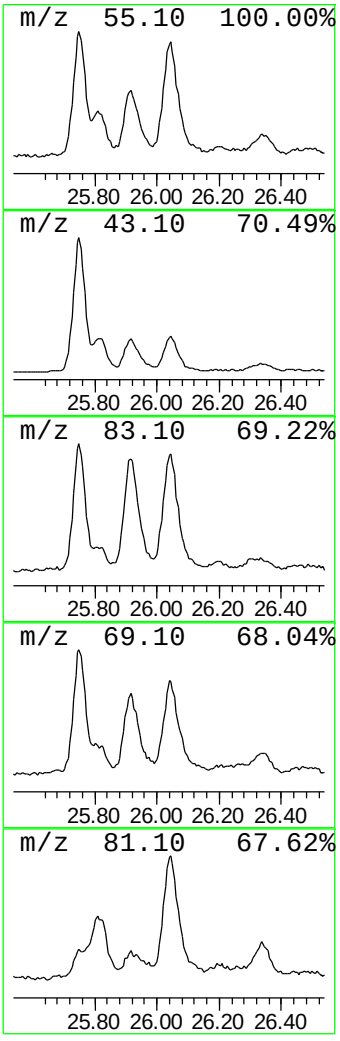
Peak Number 29 Stigmasterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	30.02 ng/ul	3931240	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	89
2	Stigmasterol	412	C29H48O	000083-48-7	76
3	Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	70
4	Stigmasterol	412	C29H48O	000083-48-7	68
5	Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	43





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Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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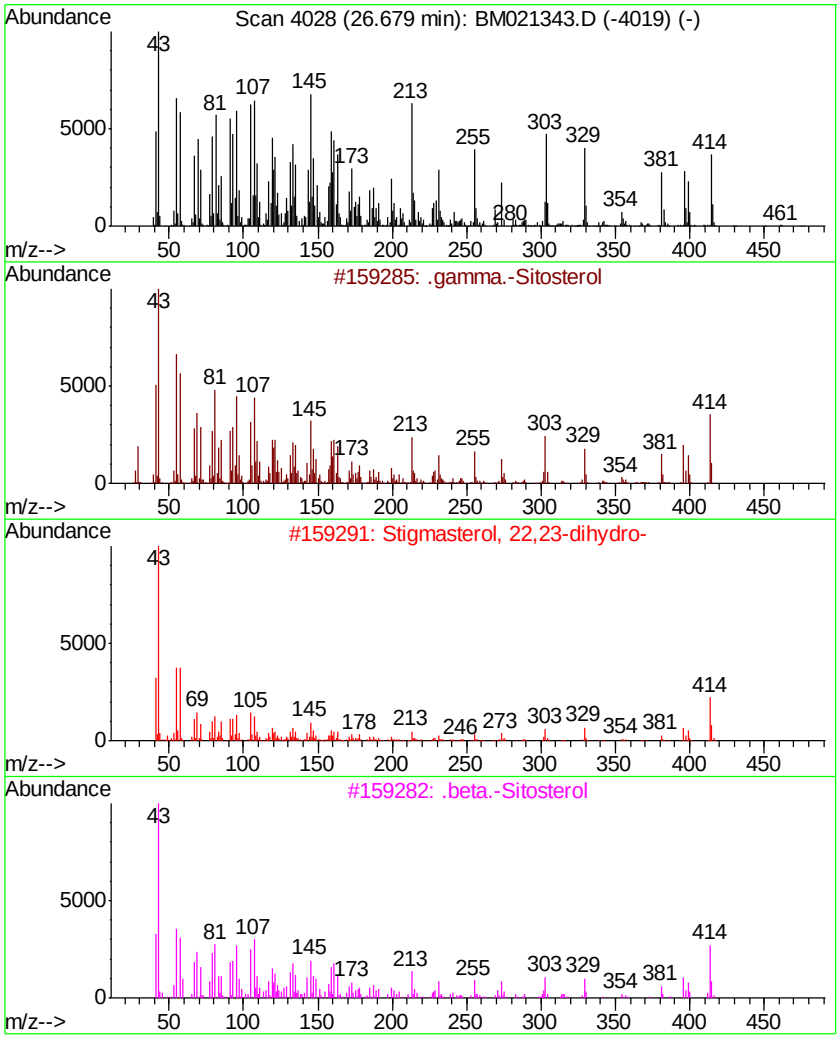
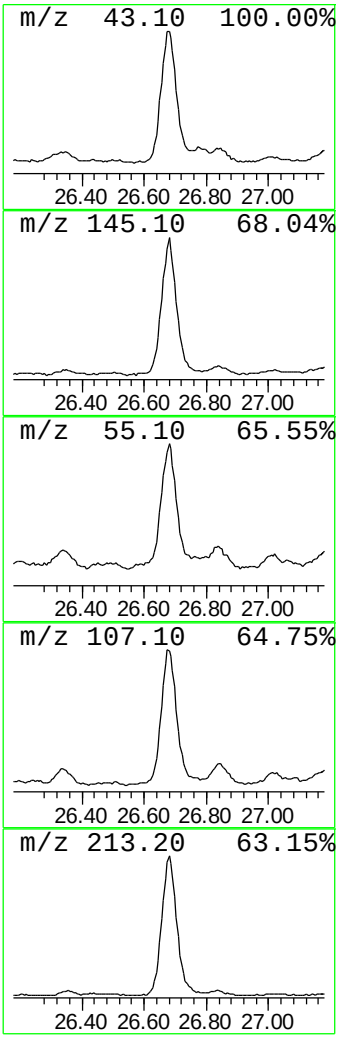
Peak Number 30 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	66.44 ng/ul	8702560	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	92
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	52
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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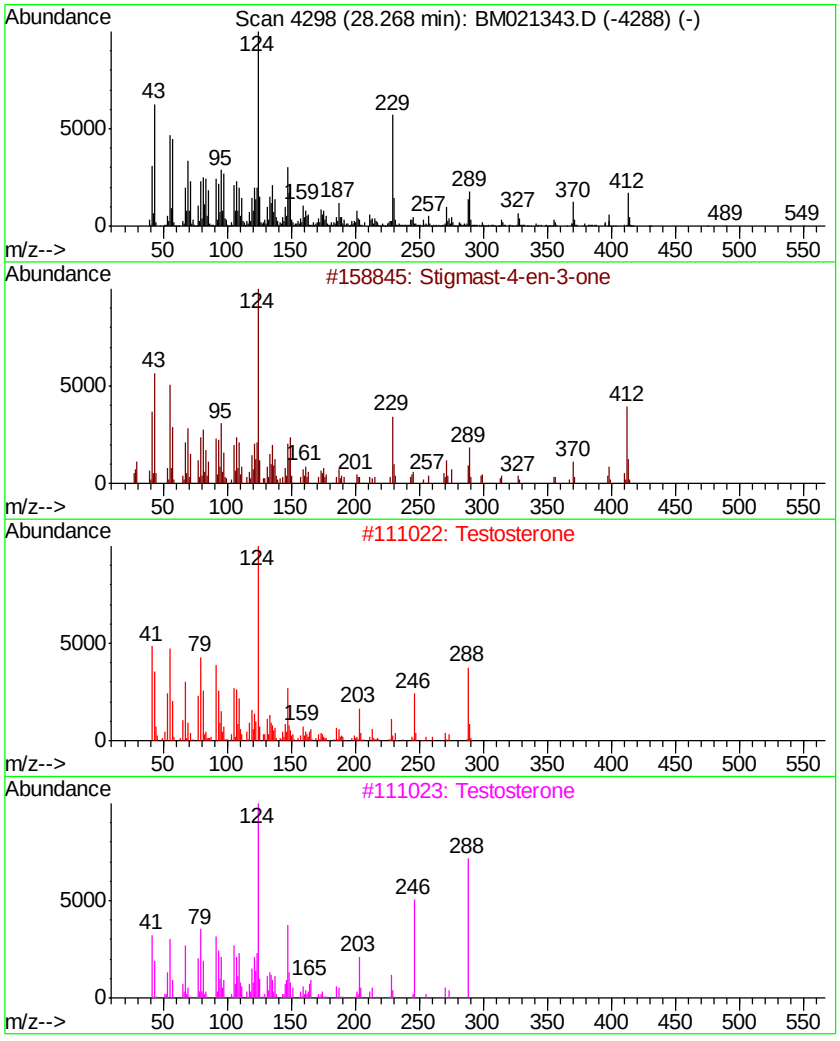
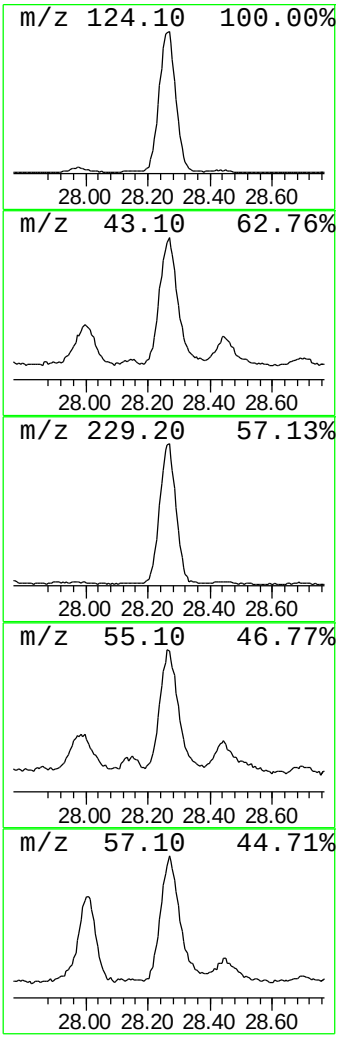
Peak Number 31 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.27	42.37 ng/ul	5549360	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	95
2	Testosterone	288	C19H28O2	000058-22-0	86
3	Testosterone	288	C19H28O2	000058-22-0	64
4	Testosterone Cypionate	412	C27H40O3	000058-20-8	42
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
Data File : BM021343.D
Acq On : 02 Jul 2019 15:10
Operator : HP/JU
Sample : K3594-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Hexen-2-one	4.31	2.6	ng/ul	170864	1	7.75	1290370	20.0
Hexanal	4.35	2.2	ng/ul	140449	1	7.75	1290370	20.0
Cyclotrisiloxane,...	4.40	5.9	ng/ul	382380	1	7.75	1290370	20.0
Hexanoic acid	6.77	2.1	ng/ul	136314	1	7.75	1290370	20.0
Cyclotetrasiloxan...	6.85	4.1	ng/ul	266587	1	7.75	1290370	20.0
Benzyl Alcohol	8.00	3.0	ng/ul	190875	1	7.75	1290370	20.0
unknown-01	9.06	2.2	ng/ul	141880	1	7.75	1290370	20.0
Cyclopentasiloxan...	9.27	2.0	ng/ul	199216	2	10.53	1989730	20.0
Propanoic acid, 2...	12.73	3.3	ng/ul	456110	3	14.39	2804970	20.0
Propanoic acid, 2...	12.99	3.3	ng/ul	455438	3	14.39	2804970	20.0
Pentadecanoic acid	17.04	3.0	ng/ul	473800	4	17.14	3124480	20.0
Z-7-Hexadecenoic ...	17.92	7.5	ng/ul	1167760	4	17.14	3124480	20.0
Hexadecenoic acid...	17.99	20.0	ng/ul	3130540	4	17.14	3124480	20.0
n-Hexadecanoic acid	18.04	36.6	ng/ul	5725440	4	17.14	3124480	20.0
Phytol	19.06	5.9	ng/ul	918344	4	17.14	3124480	20.0
Octadecanoic acid	19.32	5.8	ng/ul	1299210	5	21.33	4471420	20.0
(DEL) Alkane: Str...	20.07	3.1	ng/ul	694833	5	21.33	4471420	20.0
1-Heneicosyl formate	21.03	10.9	ng/ul	2441420	5	21.33	4471420	20.0
(DEL) Alkane: Str...	21.91	4.4	ng/ul	987896	5	21.33	4471420	20.0
(DEL) Alkane: Cyc...	21.93	6.6	ng/ul	1483830	5	21.33	4471420	20.0
(DEL) Alkane: Str...	22.38	2.1	ng/ul	459514	5	21.33	4471420	20.0
13-Docosen-1-ol, ...	22.62	66.0	ng/ul	8647380	6	23.60	2619490	20.0
(DEL) Alkane: Str...	24.11	48.8	ng/ul	6387910	6	23.60	2619490	20.0
(DEL) Alkane: Cyc...	24.21	22.0	ng/ul	2882750	6	23.60	2619490	20.0
17-(1,5-Dimethylh...	24.88	25.6	ng/ul	3349830	6	23.60	2619490	20.0
16-Heptadecenal	25.33	22.8	ng/ul	2979260	6	23.60	2619490	20.0
(DEL) Alkane: Str...	25.75	29.6	ng/ul	3880740	6	23.60	2619490	20.0
Stigmasterol	26.04	30.0	ng/ul	3931240	6	23.60	2619490	20.0
.gamma.-Sitosterol	26.68	66.4	ng/ul	8702560	6	23.60	2619490	20.0
Stigmast-4-en-3-one	28.27	42.4	ng/ul	5549360	6	23.60	2619490	20.0