LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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	3.016	3	5	21	rVB	2399426	2747873	18.08%	1.371%
2	4.352	228	232	237	rBV	145740	190173	1.25%	0.095%
3	4.404	237	241	247	rVB	279871	359328	2.36%	0.179%
4	5.828	479	483	488	rBV3	50830	75841	0.50%	0.038%
5	6.434	582	586	592	rVB3	58228	89033	0.59%	0.044%
6	6.863	653	659	664	rBV	205043	289067	1.90%	0.144%
7	6.928	664	670	683	rVB	979519	1613278	10.61%	0.805%
8	7.098	694	699	710	rVB	765622	1195701	7.87%	0.596%
9	7.293	725	732	740	rVB	1000025	1591049	10.47%	0.794%
10	7.757	805	811	818	rBV	964675	1509952	9.93%	0.753%
11	8.357	909	913	921	rVV6	47635	80477	0.53%	0.040%
12	8.463	925	931	946	rVV	1341397	2186963	14.39%	1.091%
13	8.922	1001	1009	1020	rBV	1019799	1720349	11.32%	0.858%
14	9.069	1029	1034	1042	rVB	101907	156936	1.03%	0.078%
15	9.287	1066	1071	1077	rBV	149353	214116	1.41%	0.107%
16	9.634	1122	1130	1141	rBV	898486	1492503	9.82%	0.745%
17	10.169	1213	1221	1238	rVV	1487389	2467267	16.23%	1.231%
18	10.545	1277	1285	1292	rBV	1370073	2316691	15.24%	1.156%
19	10.692	1303	1310	1331	rBV	501394	1043335	6.86%	0.520%
20	11.222	1395	1400	1409	rBV2	73558	119942	0.79%	0.060%
21	11.486	1437	1445	1452	rVB	88632	141705	0.93%	0.071%
22	11.775	1489	1494	1501	rVB	96926	144056	0.95%	0.072%
23	12.657	1639	1644	1651	rVV3	47030	92159	0.61%	0.046%
24	12.739	1651	1658	1670	rVV8	37906	107580	0.71%	0.054%
25	12.845	1670	1676	1681	rVV2	90374	135662	0.89%	0.068%
26	13.263	1742	1747	1754	rVV4	50659	95591	0.63%	0.048%
27	13.710	1818	1823	1829	rVB3	57573	89293	0.59%	0.045%
28	13.816	1829	1841	1845	rBV	2685861	3974730	26.15%	1.983%
29	13.863	1845	1849	1855	rVV	1129246	1548436	10.19%	0.772%
30	14.092	1881	1888	1895	rBV	3115221	4598311	30.25%	2.294%
31	14.351	1924	1932	1935	rBV	76863	122355	0.81%	0.061%
32	14.398	1935	1940	1947	rVV2	2019547	3169754	20.86%	1.581%
33	14.463	1947	1951	1962	rVB7	63323	138043	0.91%	0.069%
34	14.616	1970	1977	1988	rBV	859583	1610876	10.60%	0.804%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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	14.710	1988	1993	1999	rVB	98325	153651	1.01%	0.077%
36	15.057	2046	2052	2058	rVB8	40237	97588	0.64%	0.049%
37	15.398	2104	2110	2116	rVB	3975081	5681078	37.38%	2.834%
38	15.521	2126	2131	2144	rVV	892866	1261912	8.30%	0.630%
39	15.633	2145	2150	2156	rVB4	112888	193324	1.27%	0.096%
40	15.863	2185	2189	2197	rVV9	45064	109812	0.72%	0.055%
41	15.963	2199	2206	2213	rVB4	158537	295916	1.95%	0.148%
42	16.039	2213	2219	2224	rBV6	35422	79014	0.52%	0.039%
43	16.115	2226	2232	2238	rVB3	48977	110871	0.73%	0.055%
44	16.257	2249	2256	2260	rBV5	37512	86686	0.57%	0.043%
45	16.474	2286	2293	2300	rBV	118091	191047	1.26%	0.095%
46	16.545	2300	2305	2310	rBV	116940	157081	1.03%	0.078%
47	16.768	2338	2343	2356	rVB4	101777	226240	1.49%	0.113%
48	16.898	2358	2365	2369	rBV7	54282	110988	0.73%	0.055%
49	17.039	2384	2389	2397	rBV	138302	237274	1.56%	0.118%
50	17.110	2397	2401	2403	rBV2	93035	131308	0.86%	0.066%
51	17.151	2403	2408	2412	rVV2	2448371	3490420	22.97%	1.741%
52	17.192	2412	2415	2419	rVV	347668	479667	3.16%	0.239%
53	17.245	2419	2424	2433	rVB	3704980	5516334	36.29%	2.752%
54	17.533	2465	2473	2487	rVB2	186265	362985	2.39%	0.181%
55	17.921	2534	2539	2545	rBV	240002	396978	2.61%	0.198%
56	17.980	2545	2549	2554	rBV	366959	520685	3.43%	0.260%
57	18.045	2554	2560	2569	rBV	2160544	3054875	20.10%	1.524%
58	18.221	2585	2590	2592	rBV2	83307	134065	0.88%	0.067%
59	18.333	2604	2609	2614	rBV3	112868	216792	1.43%	0.108%
60	18.468	2629	2632	2638	rBV6	47619	86840	0.57%	0.043%
61	18.527	2639	2642	2646	rVB	65445	85222	0.56%	0.043%
62	18.574	2646	2650	2654	rBV	61174	88685	0.58%	0.044%
63	18.904	2703	2706	2709	rBV2	69844	87564	0.58%	0.044%
64	18.962	2713	2716	2720	rVB	117655	134273	0.88%	0.067%
65	19.062	2727	2733	2745	rVB2	301676	535109	3.52%	0.267%
66	19.174	2748	2752	2754	rBV2	274598	373854	2.46%	0.186%
67	19.204	2754	2757	2772	rVV	1432106	2530924	16.65%	1.263%
68	19.321	2773	2777	2787	rVV	659269	918535	6.04%	0.458%
69	19.545	2809	2815	2819	rBV	4219530	6178292	40.65%	3.082%
70	20.074	2898	2905	2909	rVB3	360802	666159	4.38%	0.332%
71	20.409	2958	2962	2967	rBV4	114750	187063	1.23%	0.093%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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

72	20.574	2987	2990	2994	rVB2	171181	205591	1.35%	0.103%
73	20.815	3028	3031	3036	rBV	78054	105109	0.69%	0.052%
74	20.886	3039	3043	3048	rBV	1749491	2071906	13.63%	1.034%
75	21.039	3064	3069	3078	rVB	1947373	2473704	16.28%	1.234%
76	21.333	3112	3119	3123	rBV2	2725895	4300644	28.30%	2.145%
77	21.368	3123	3125	3132	rVB	553710	663368	4.36%	0.331%
78	21.474	3140	3143	3153	rVB3	422948	653673	4.30%	0.326%
79	21.656	3171	3174	3178	rVB	386459	423959	2.79%	0.211%
80	21.915	3213	3218	3219	rBV	1674348	1983446	13.05%	0.989%
81	21.939	3219	3222	3231	rVB	2516759	3588888	23.61%	1.790%
82	22.115	3250	3252	3257	rVB3	268343	298221	1.96%	0.149%
83	22.380	3292	3297	3301	rBV2	995206	1484842	9.77%	0.741%
84	22.615	3332	3337	3349	rBV	5602494	7823711	51.48%	3.903%
85	22.897	3379	3385	3389	rBV	6385878	10179602	66.98%	5.078%
86	22.950	3389	3394	3404	rVB	8838109	15198719	100.00%	7.582%
87	23.162	3427	3430	3436	rVB	327582	489136	3.22%	0.244%
88	23.462	3474	3481	3486	rBV2	3709975	6612555	43.51%	3.299%
89	23.603	3499	3505	3512	rBV	1795163	3296132	21.69%	1.644%
90	23.791	3531	3537	3544	rVB	3423077	6146727	40.44%	3.066%
91	24.121	3586	3593	3603	rVB	5369886	10695294	70.37%	5.335%
92	24.221	3603	3610	3621	rBV	1854549	4140660	27.24%	2.066%
93	24.886	3715	3723	3736	rBV4	2227332	5733807	37.73%	2.860%
94	25.338	3792	3800	3811	rVB	3072433	7486515	49.26%	3.735%
95	25.762	3864	3872	3878	rBV	1688596	4595209	30.23%	2.292%
96	25.921	3892	3899	3911	rVB2	1374801	4040807	26.59%	2.016%
97	26.044	3913	3920	3939	rVB3	1582901	5058053	33.28%	2.523%
98	26.685	4019	4029	4043	rBV2	3299711	10300101	67.77%	5.138%
99	27.468	4154	4162	4171	rVB3	899471	2715739	17.87%	1.355%
100	28.279	4292	4300	4320	rVB5	1273332	5095002	33.52%	2.542%

Sum of corrected areas: 200458656

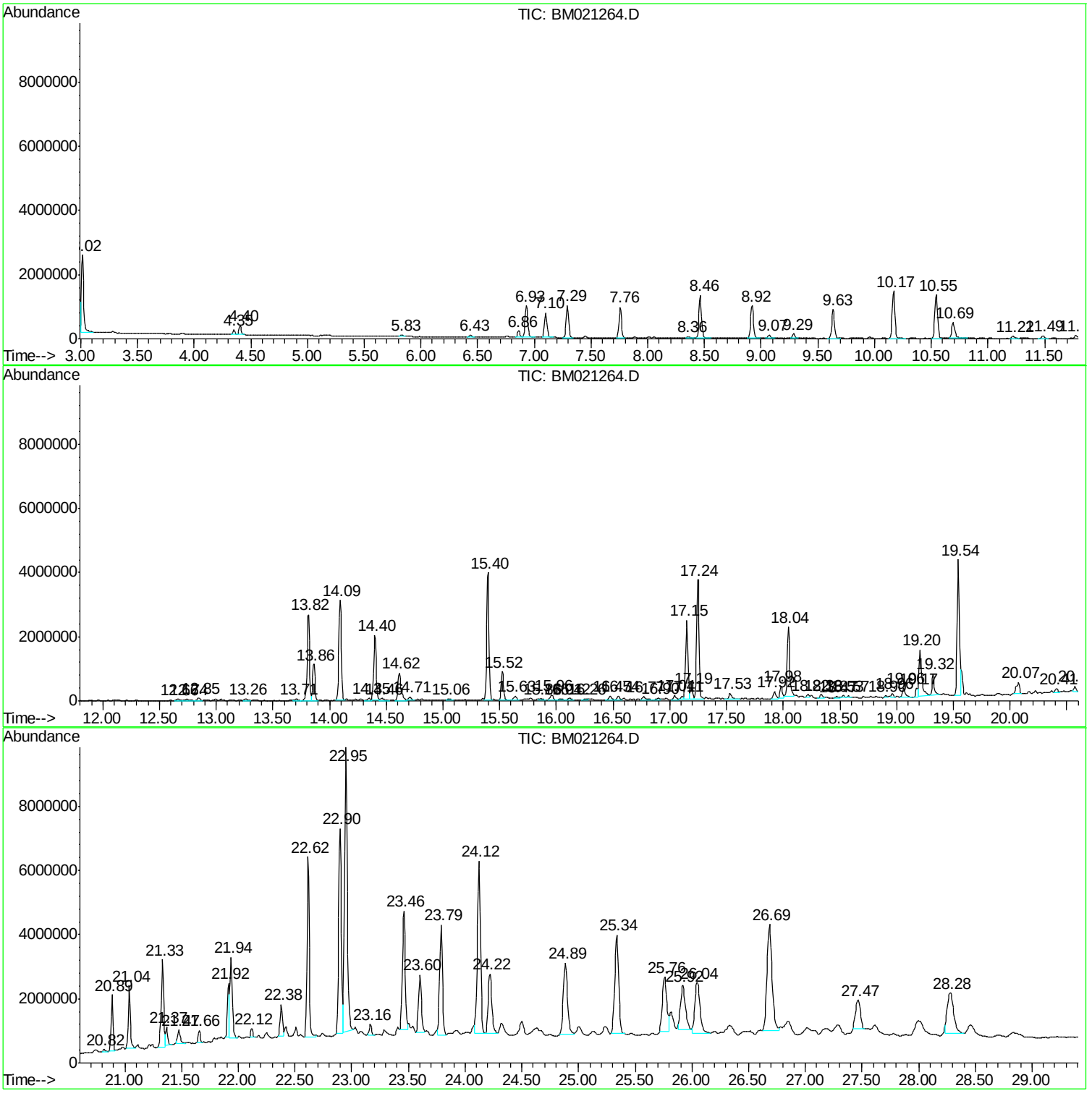
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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

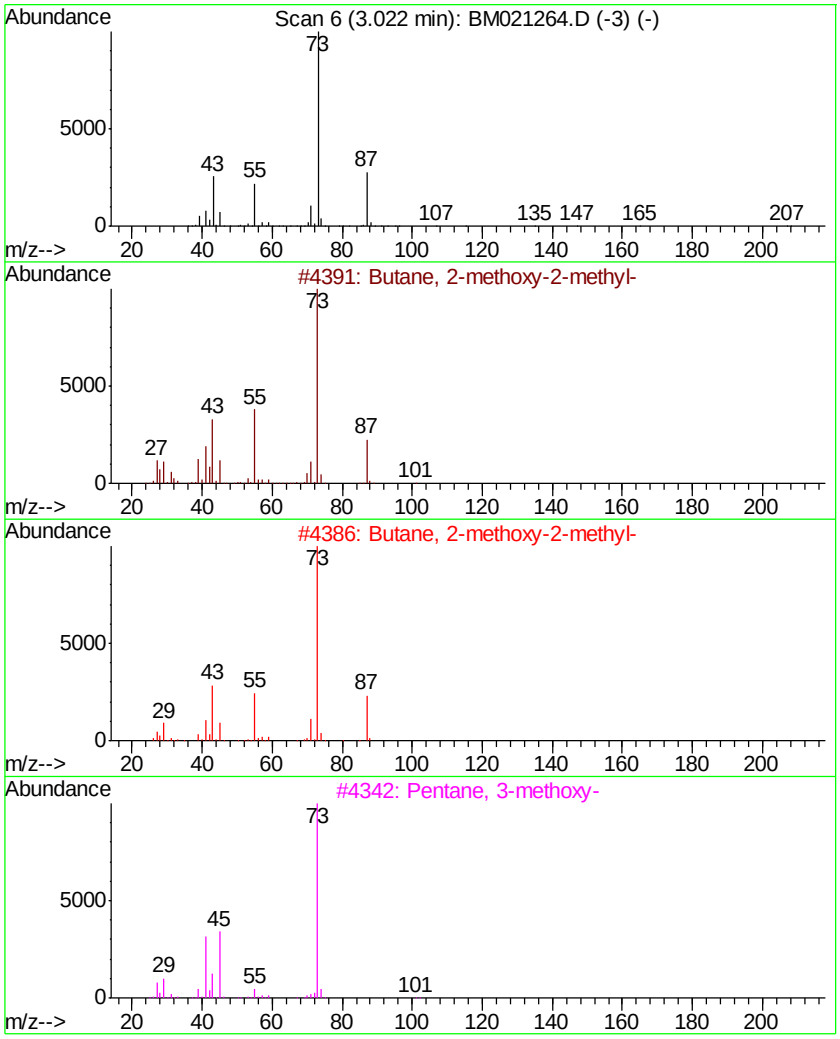
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

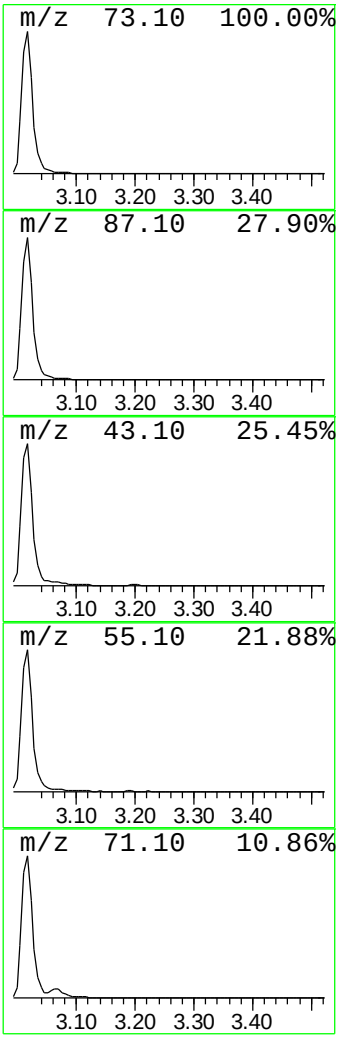
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	36.40 ng/ul	2747870	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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

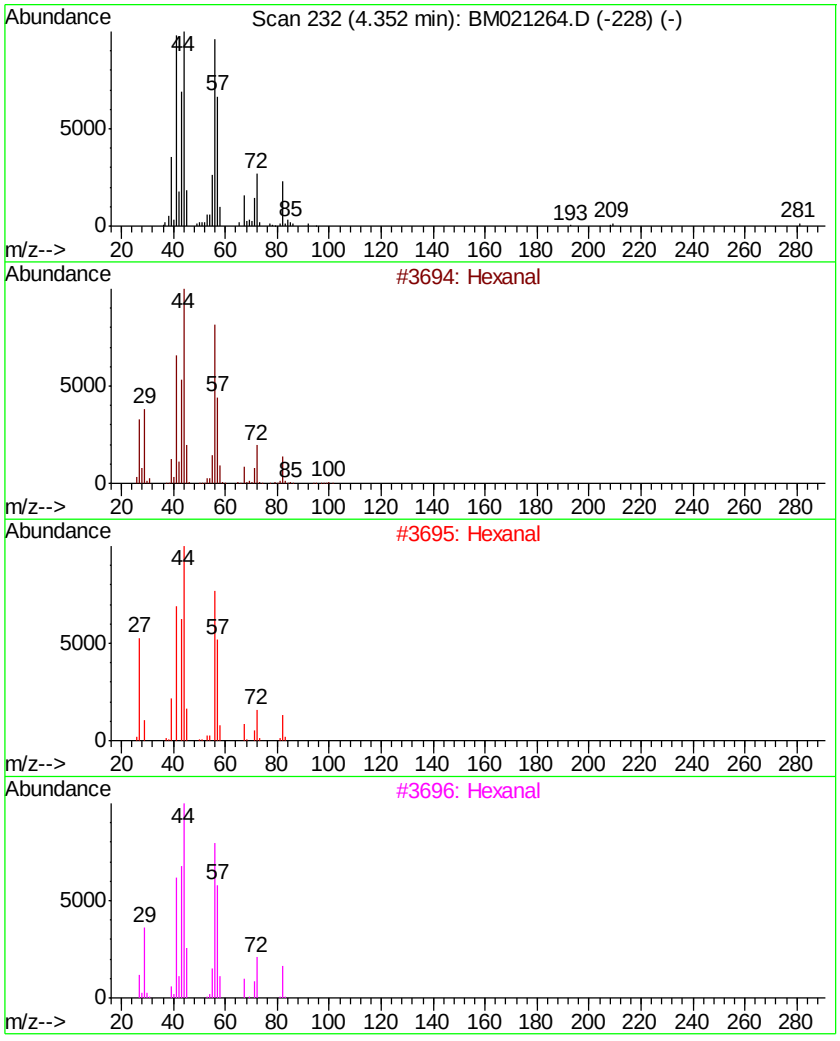
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

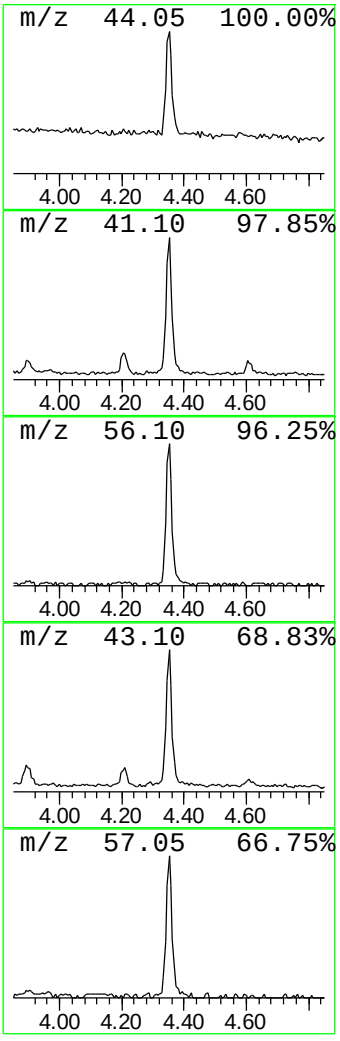
****

Peak Number 2 Hexanal Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.52 ng/ul	190173	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	78
2	Hexanal	100	C6H12O	000066-25-1	78
3	Hexanal	100	C6H12O	000066-25-1	74
4	Hexanal	100	C6H12O	000066-25-1	72
5	Glutaraldehyde	100	C5H8O2	000111-30-8	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

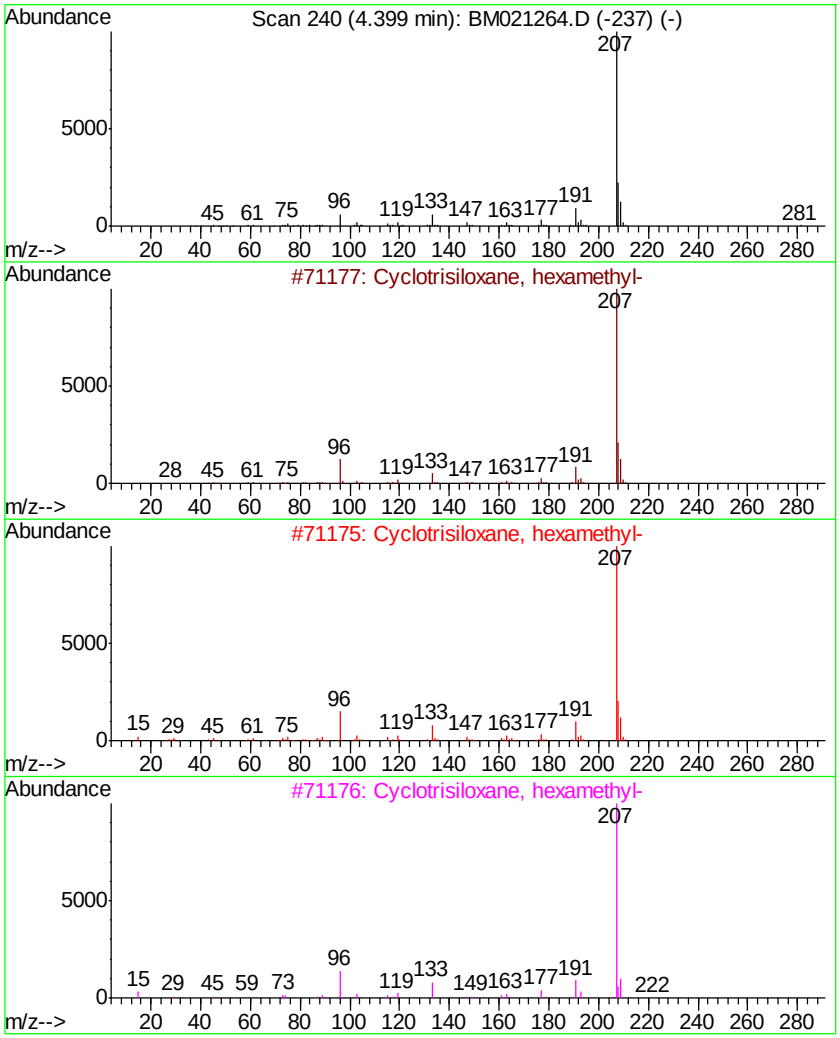
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

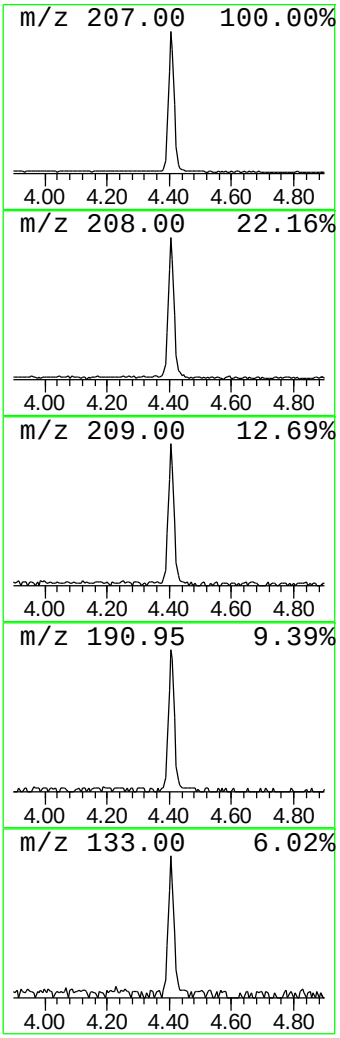
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.76 ng/ul	359328	1,4-Dichlorobenzene-d4	7.76

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	90
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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

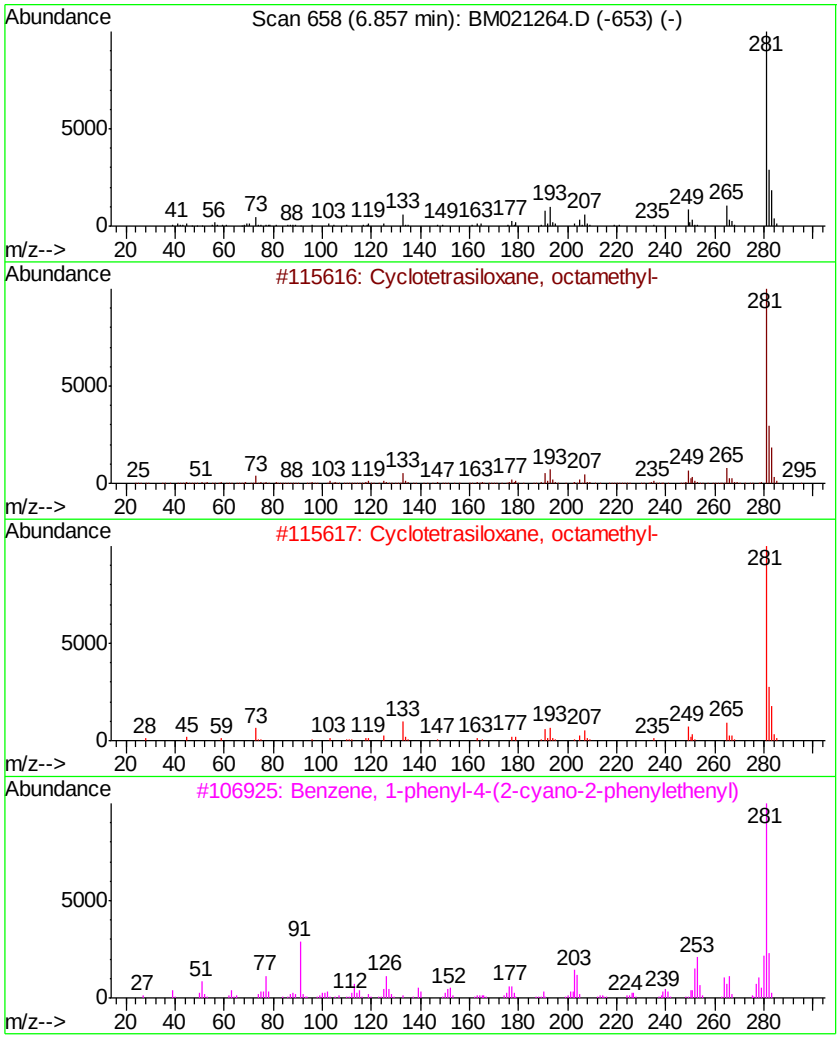
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

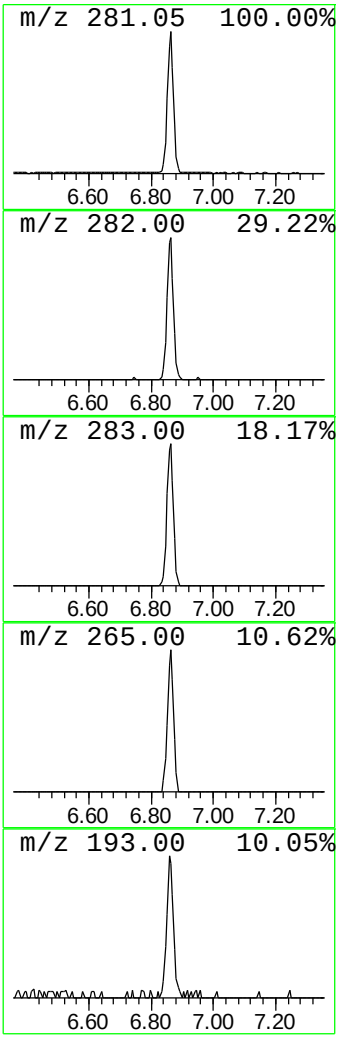
****

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.83 ng/ul	289067	1,4-Dichlorobenzene-d4	7.76

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	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	64
4	Benzoic acid, 4-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-3	64
5	Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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

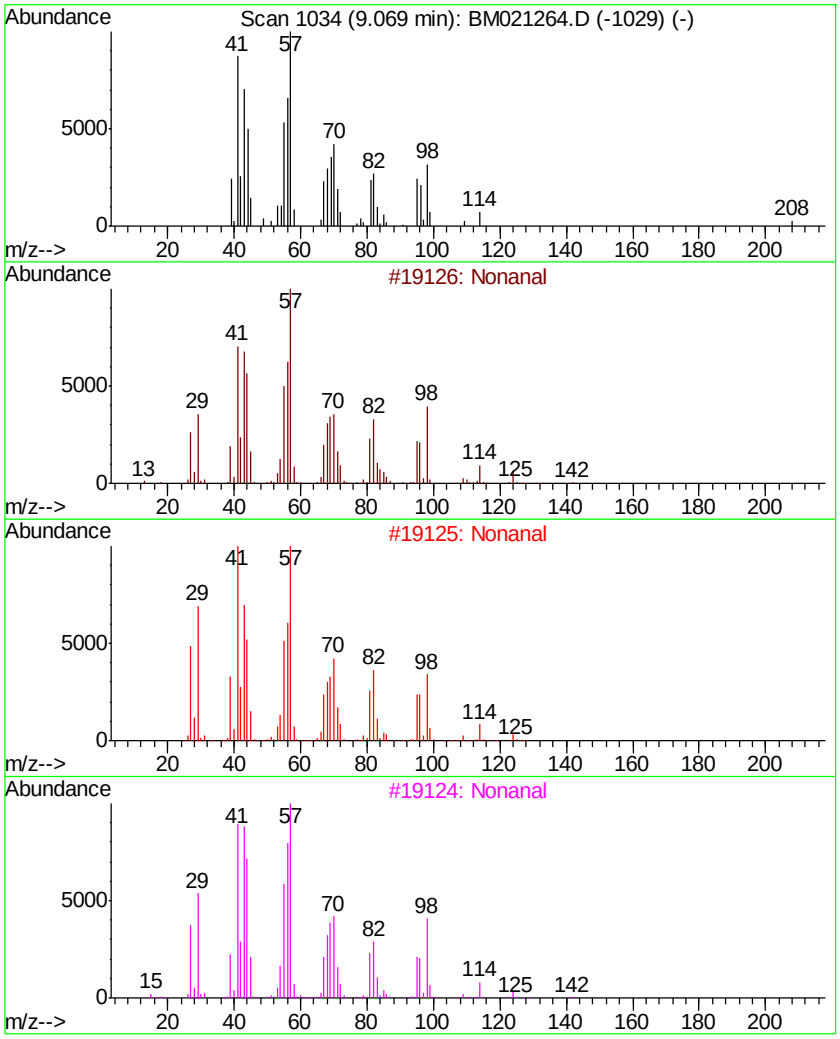
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

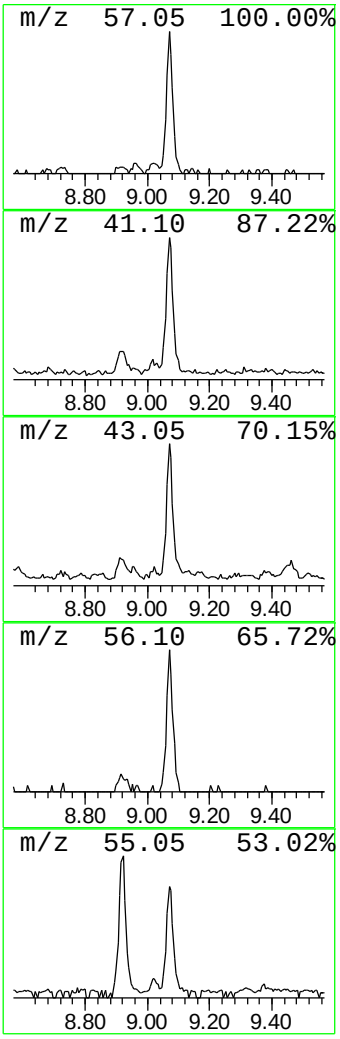
****

Peak Number 5 Nonanal Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.08 ng/ul	156936	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	87
2	Nonanal	142	C9H18O	000124-19-6	87
3	Nonanal	142	C9H18O	000124-19-6	72
4	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	27
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27





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Operator : HP/JU
Sample : K3593-14
Misc :
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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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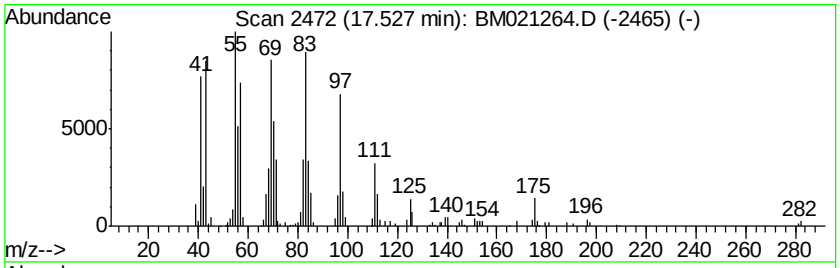
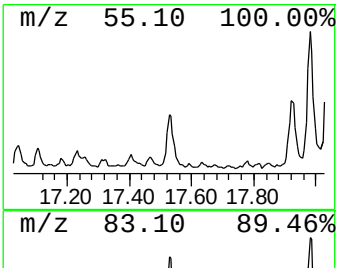
Peak Number 6 (DEL) Alkane: Cyclic17.53 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.08 ng/ul	362985	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	95
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	95
3	5-Tetradecene, (E)-	196	C14H28	041446-66-6	95
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	1-Pentadecanol	228	C15H32O	000629-76-5	91





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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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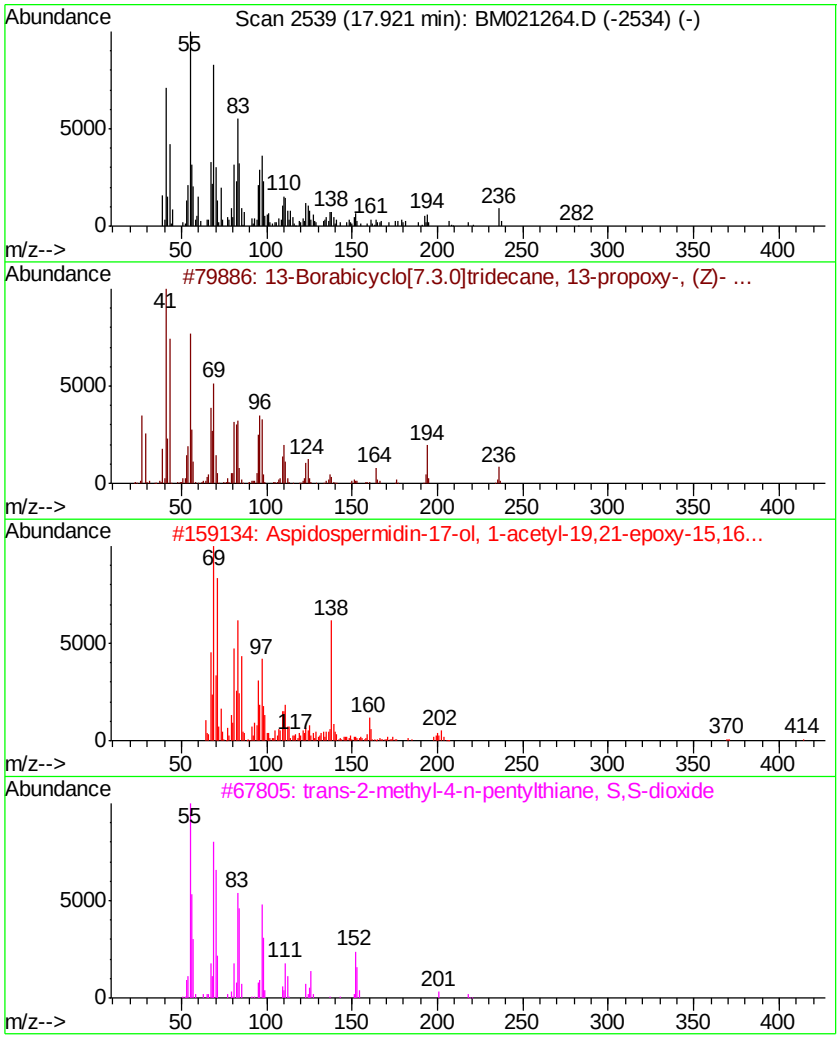
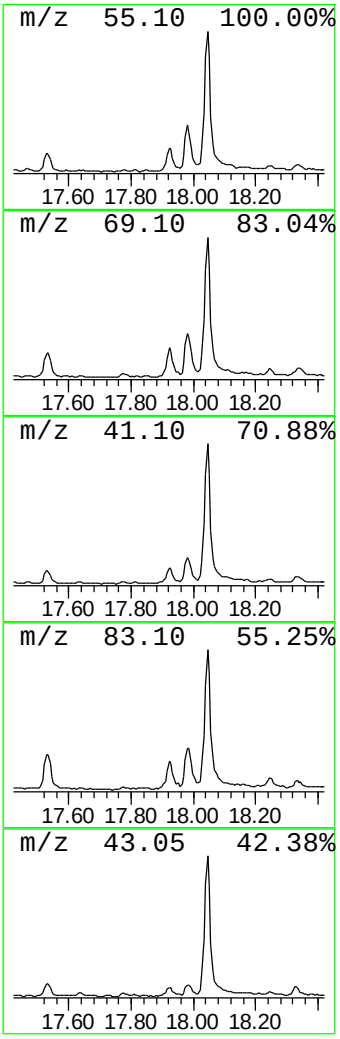
Peak Number 7 13-Borabicyclo[7.3.0]tridec... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.27 ng/ul	396978	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	72
2	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	64
3	trans-2-methyl-4-n-pentylthiane,...	218	C11H22O2S	1000215-75-3	58
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	58
5	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	55





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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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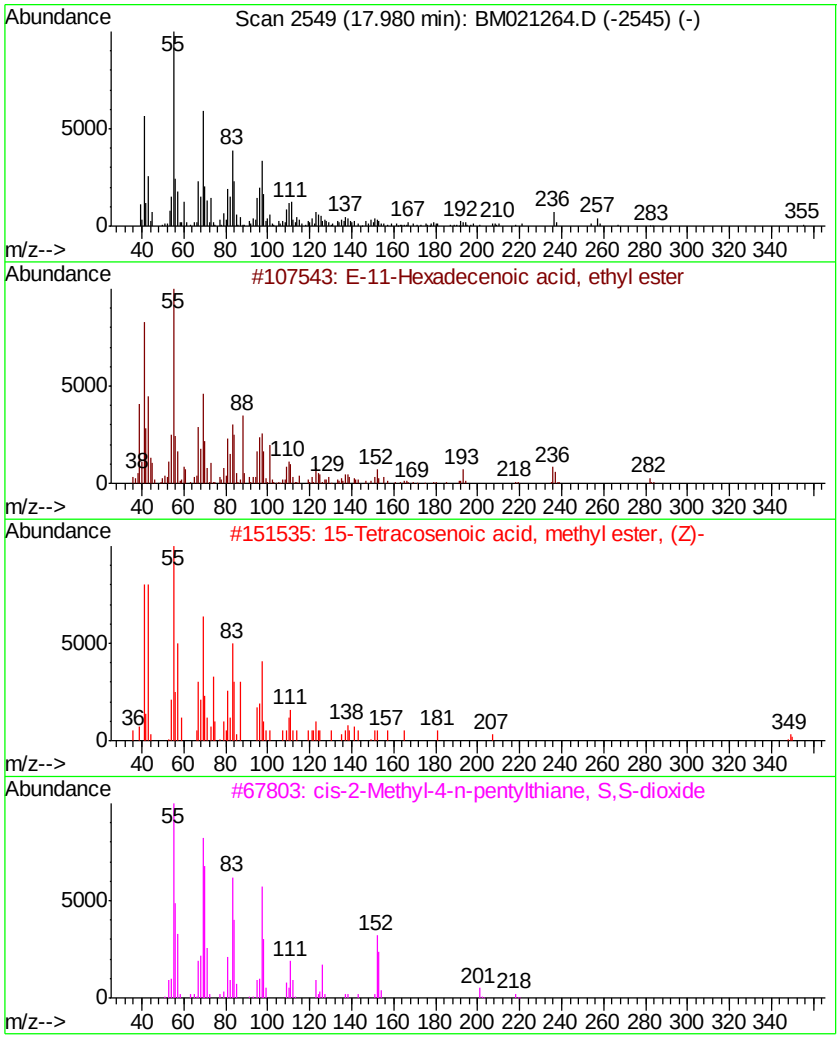
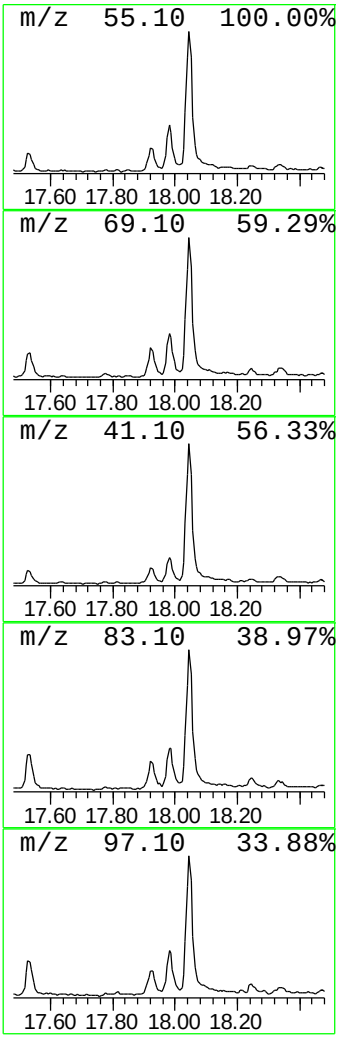
Peak Number 8 E-11-Hexadecenoic acid, eth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.98 ng/ul	520685	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	90
2	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	90
3	cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	86
4	Erucic acid	338	C22H42O2	000112-86-7	81
5	Oleic Acid	282	C18H34O2	000112-80-1	81





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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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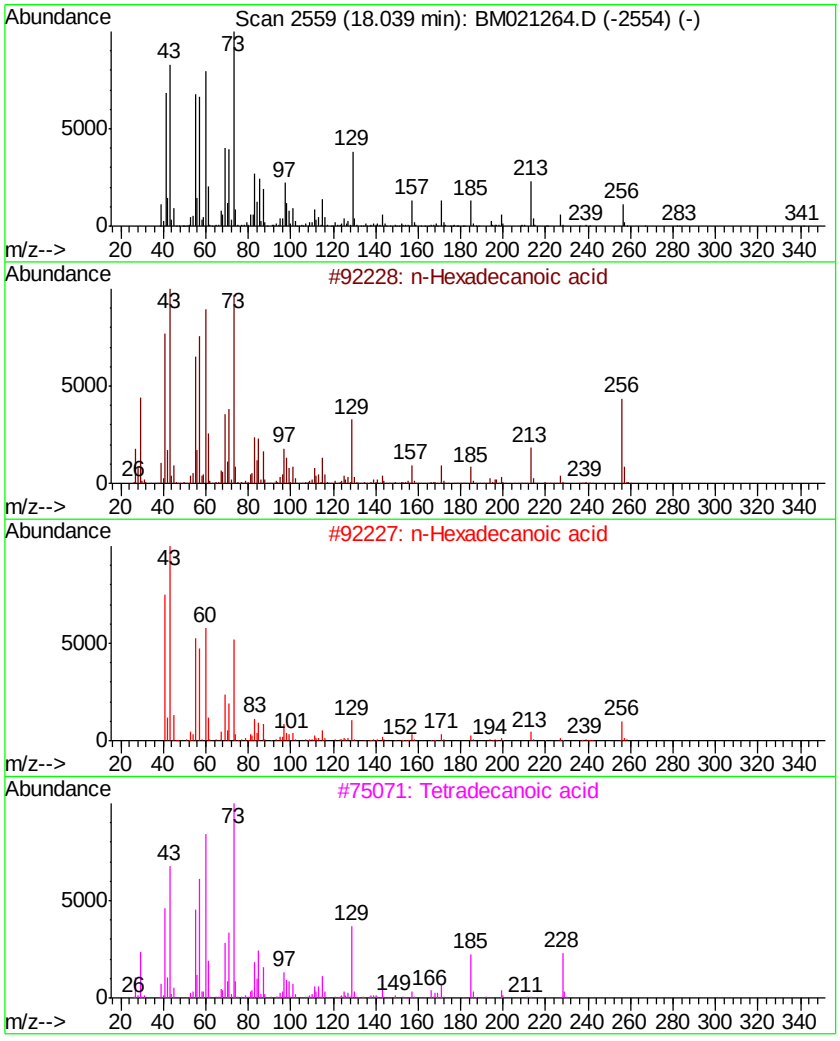
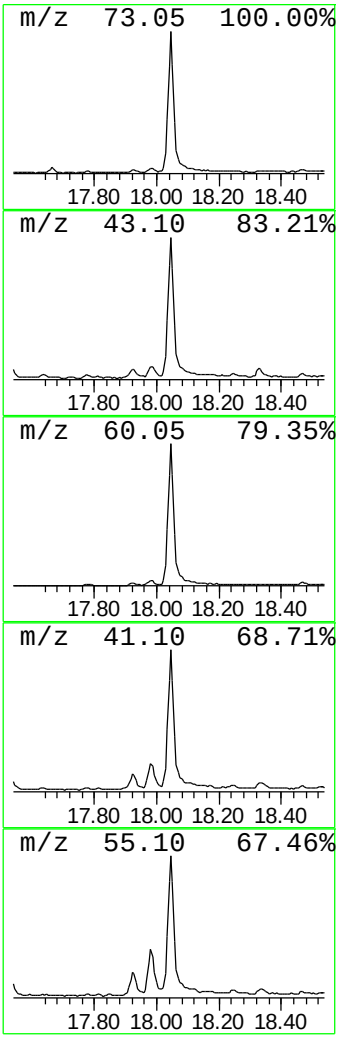
Peak Number 9 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	17.50 ng/ul	3054880	Phenanthrene-d10	17.15

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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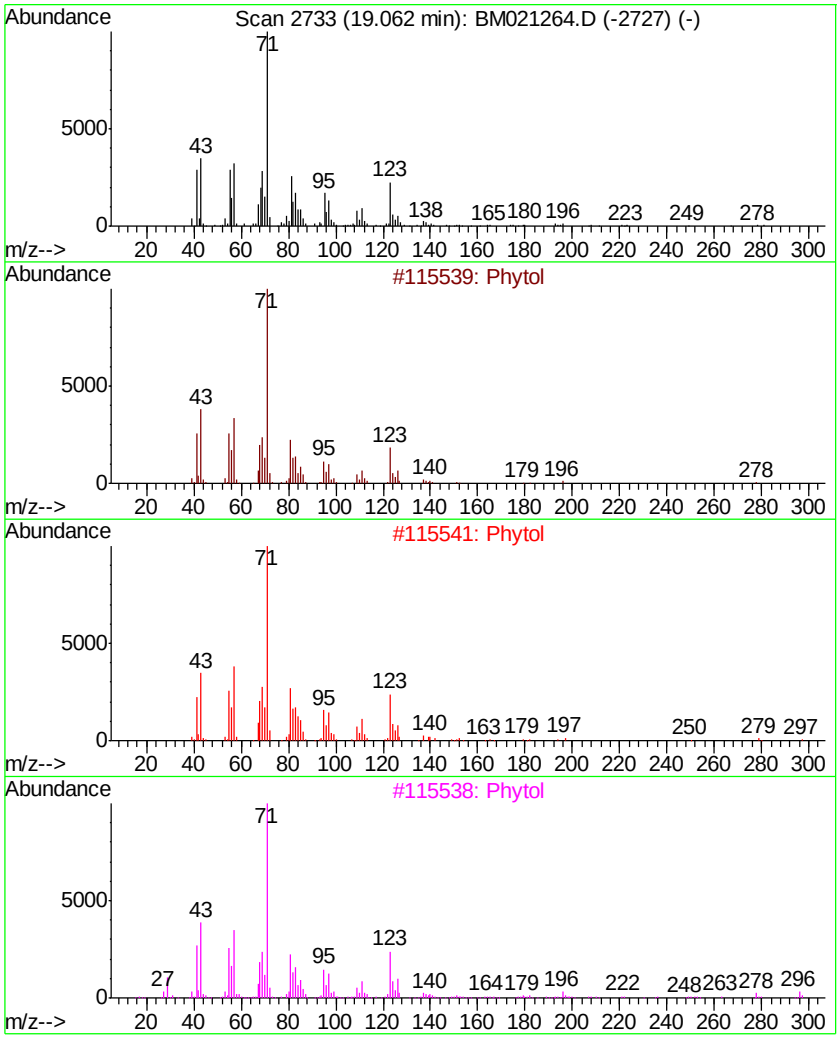
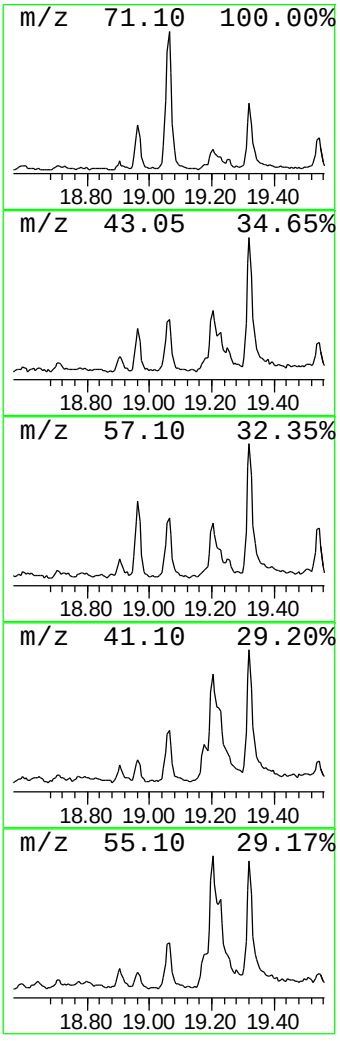
Peak Number 10 Phytol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.07 ng/ul	535109	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Phytol	296	C20H40O	000150-86-7	87
3	Phytol	296	C20H40O	000150-86-7	72
4	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	59
5	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	53





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Sample : K3593-14
Misc :
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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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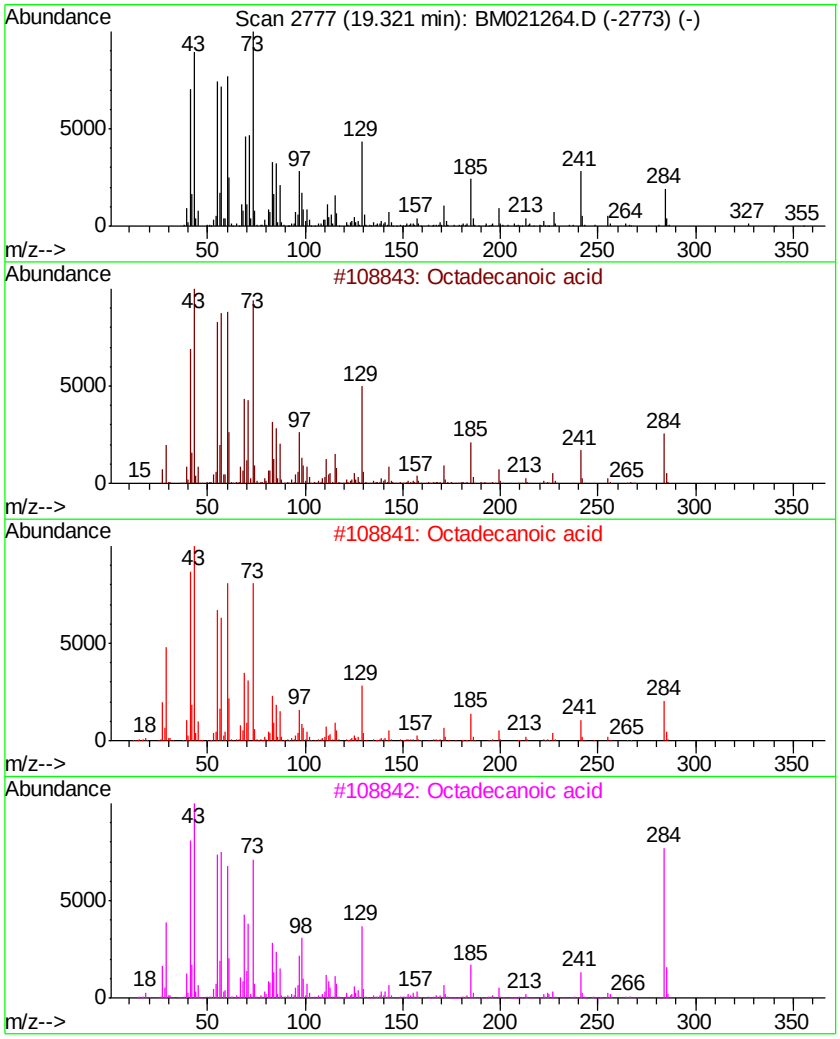
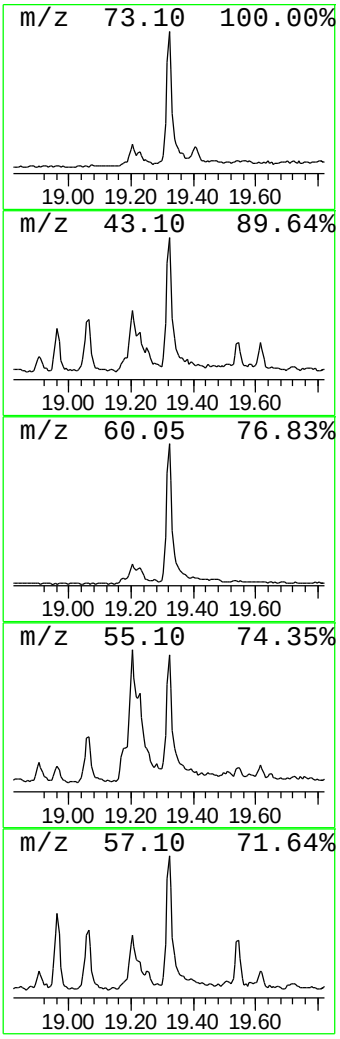
Peak Number 11 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	4.27 ng/ul	918535	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	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	80





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Misc :
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Instrument : BNA_M
ClientSampleId : C6BC6

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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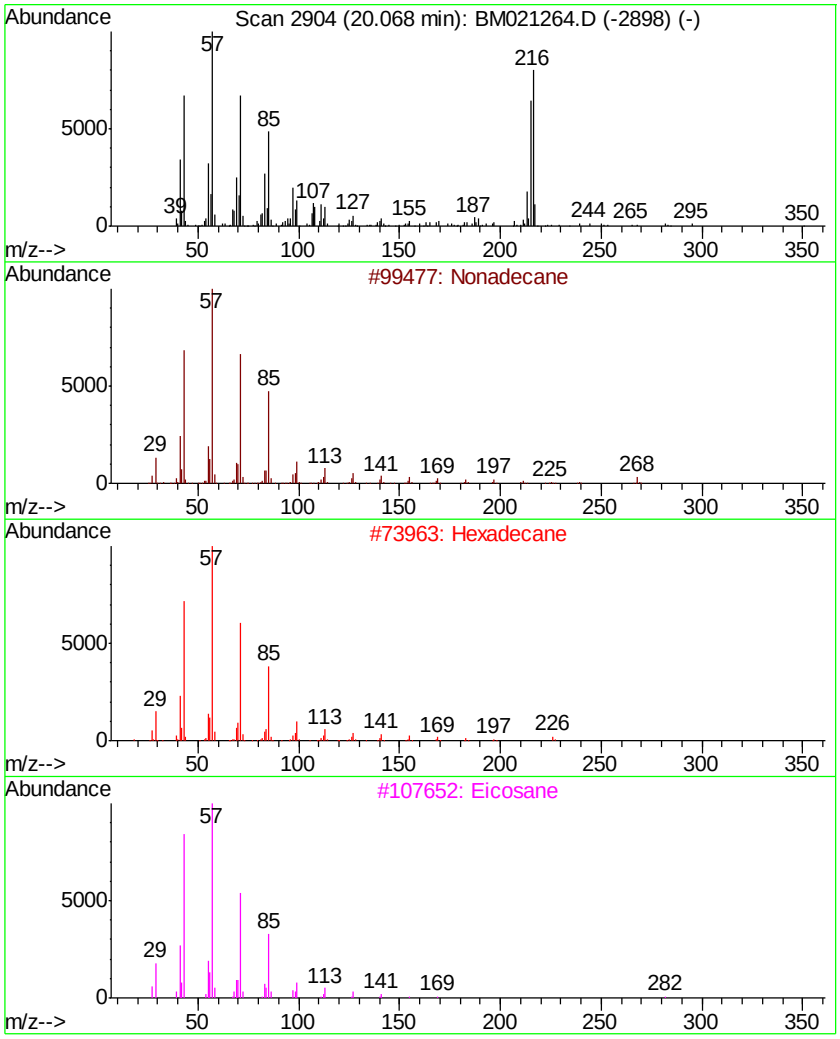
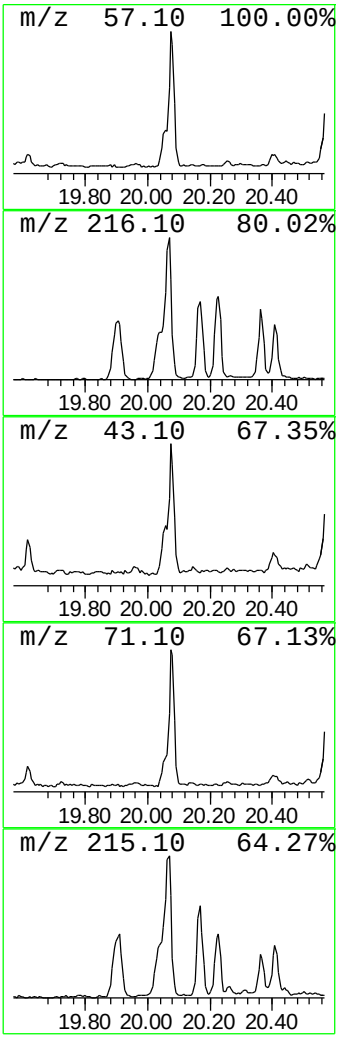
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.10 ng/ul	666159	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Eicosane	282	C20H42	000112-95-8	83
4	Octacosane	394	C28H58	000630-02-4	76
5	Tetracosane	338	C24H50	000646-31-1	76





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Misc :
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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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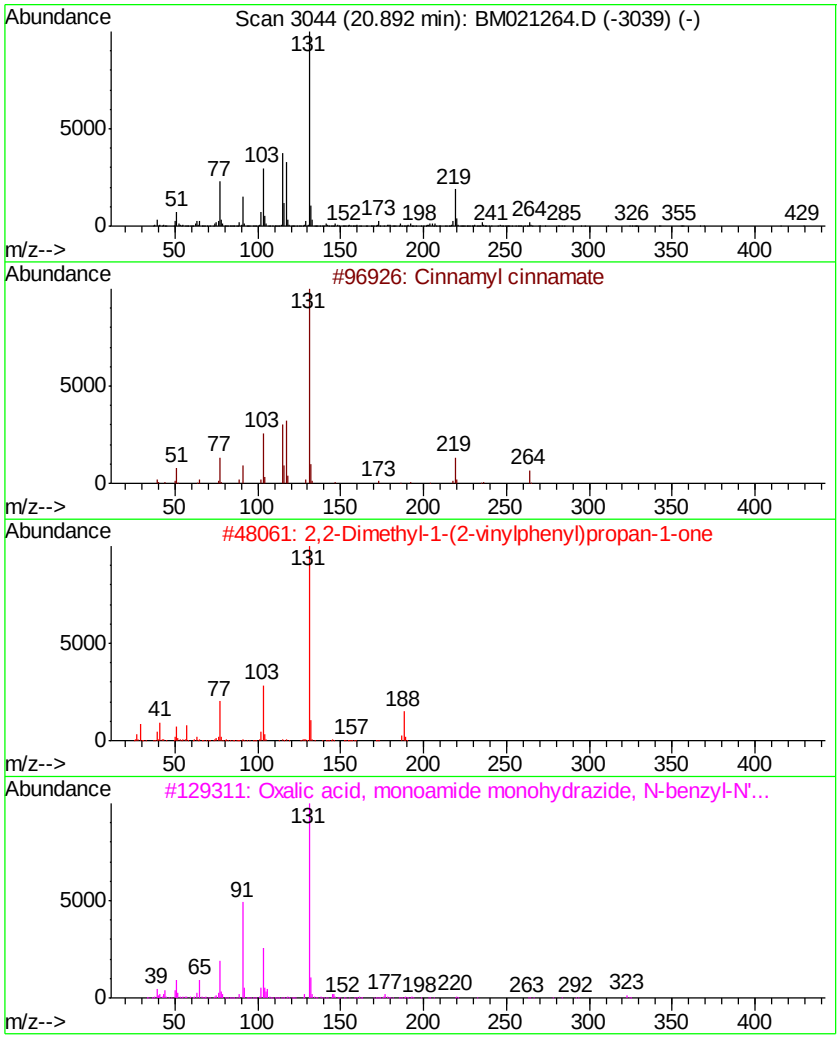
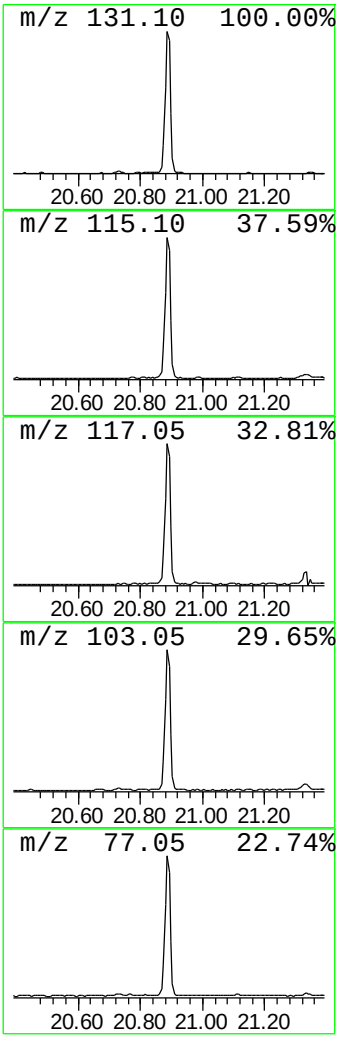
Peak Number 13 Cinnamyl cinnamate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	9.64 ng/ul	2071910	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	47
4	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47
5	2-Propenamide, 3-phenyl-N-2-prop...	187	C12H13NO	041041-34-3	47





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Quant Title : SVOA CALIBRATION

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

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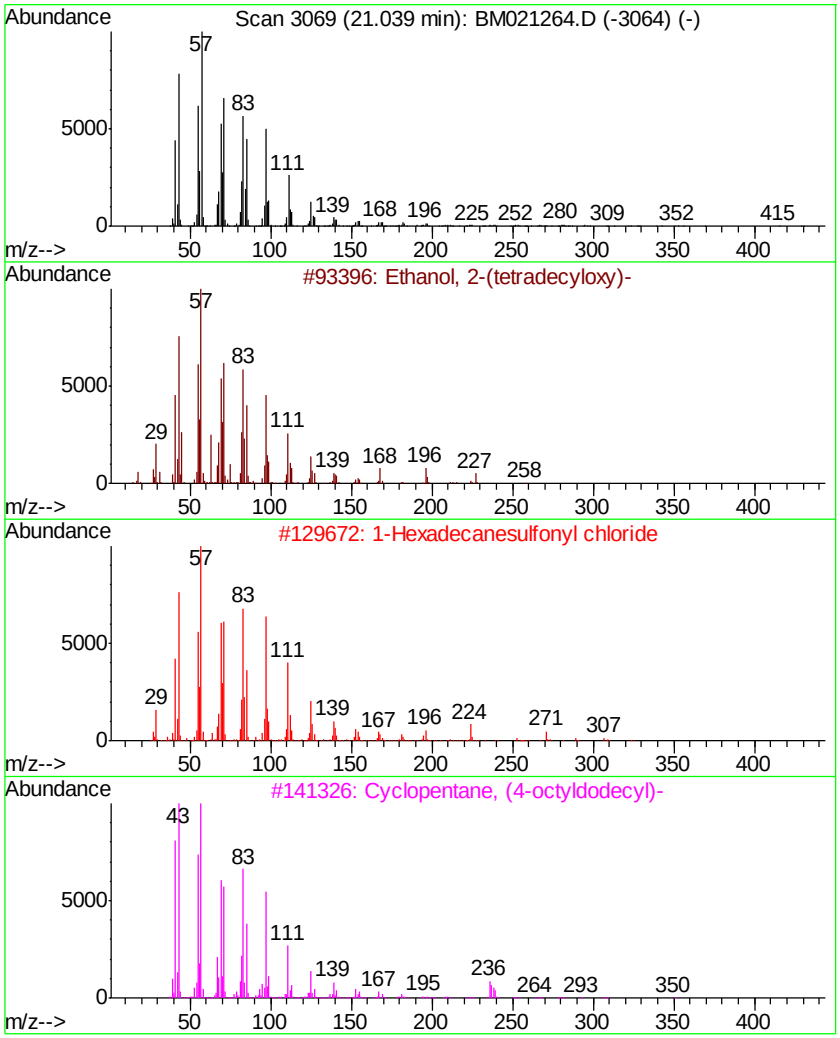
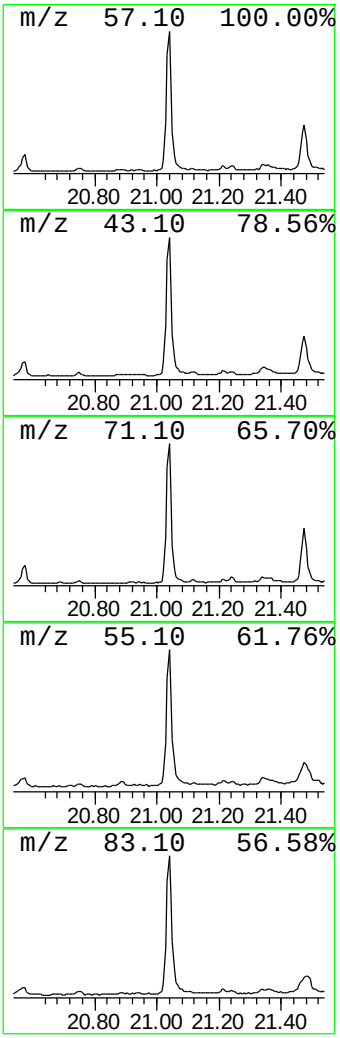
Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	11.50 ng/ul	2473700	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
3	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	89
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81





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Quant Title : SVOA CALIBRATION

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

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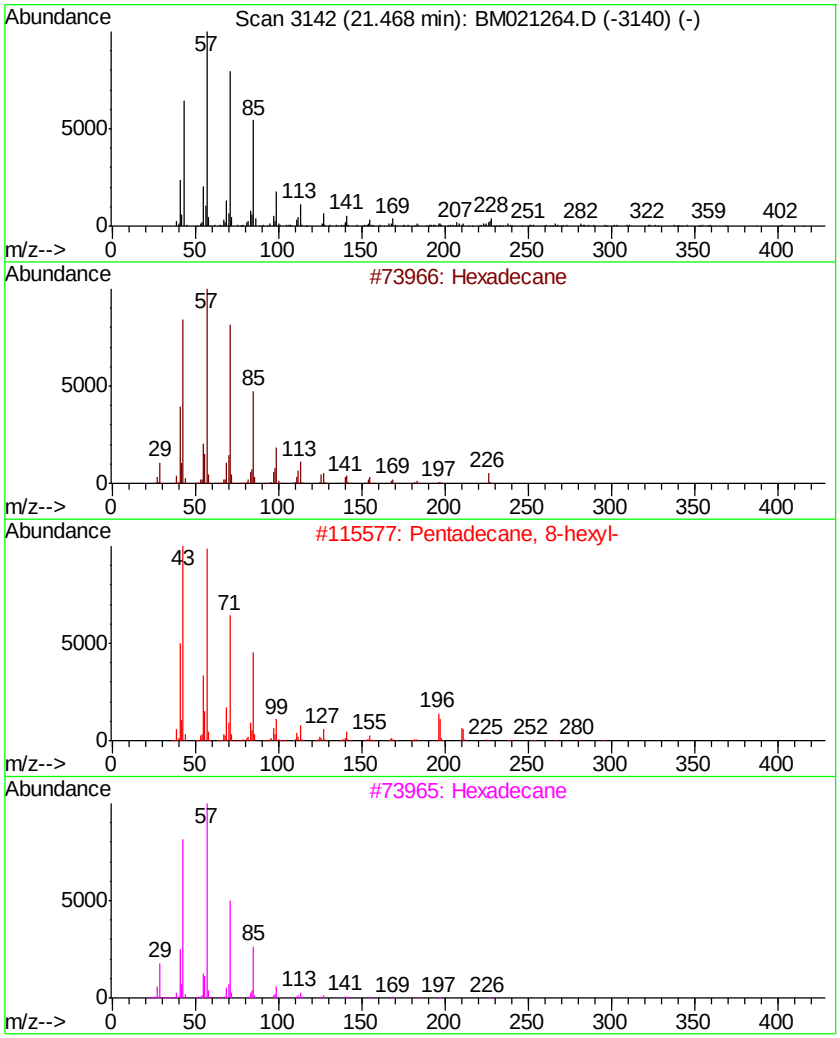
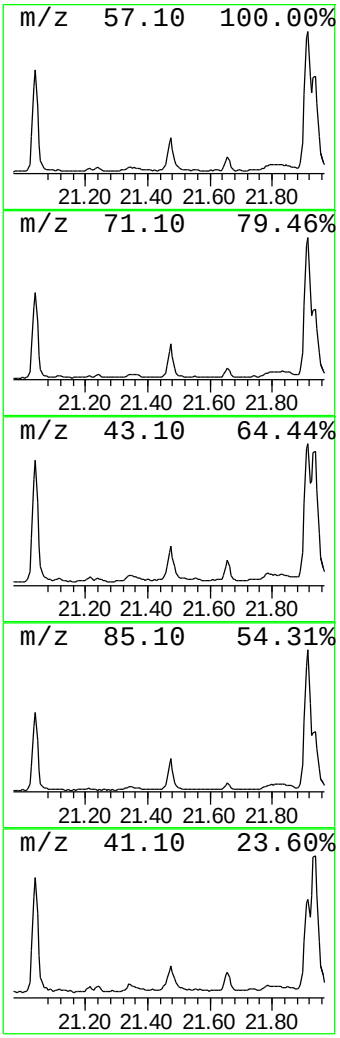
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.04 ng/ul	653673	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Quant Title : SVOA CALIBRATION

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

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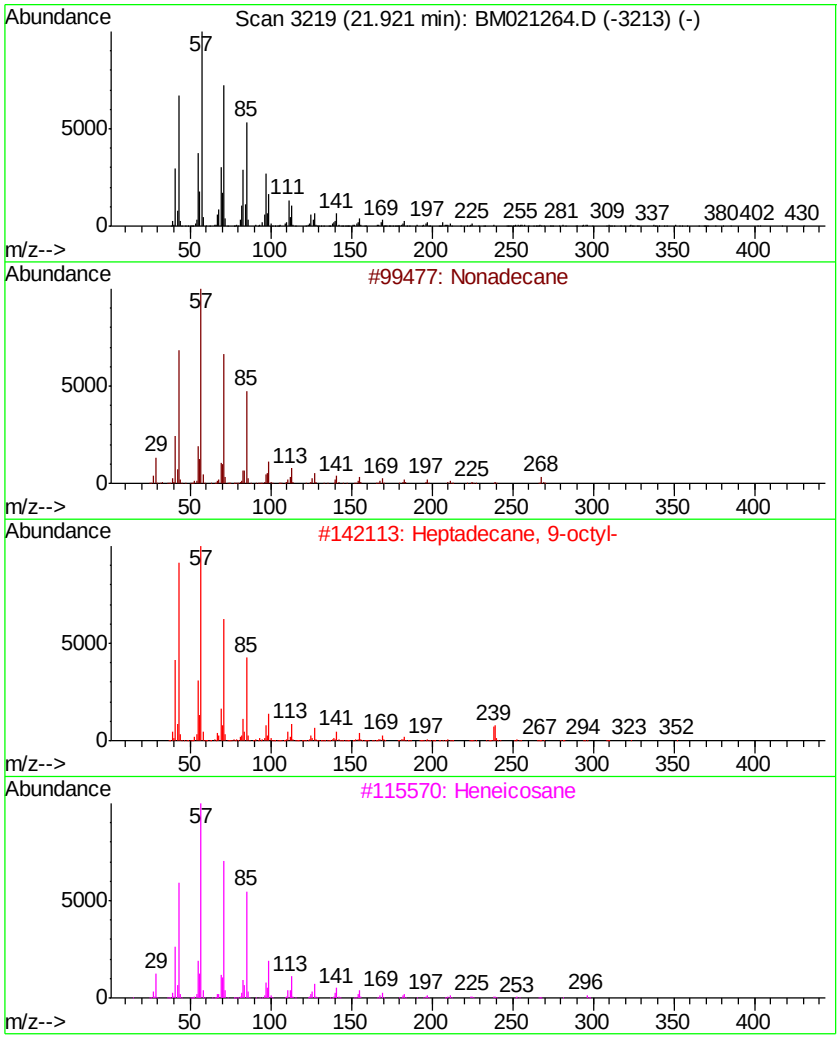
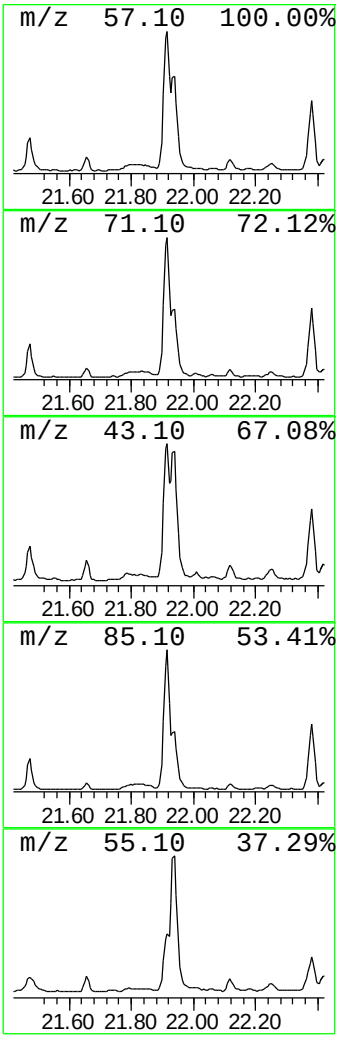
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	9.22 ng/ul	1983450	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Nonacosane	408	C29H60	000630-03-5	91





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ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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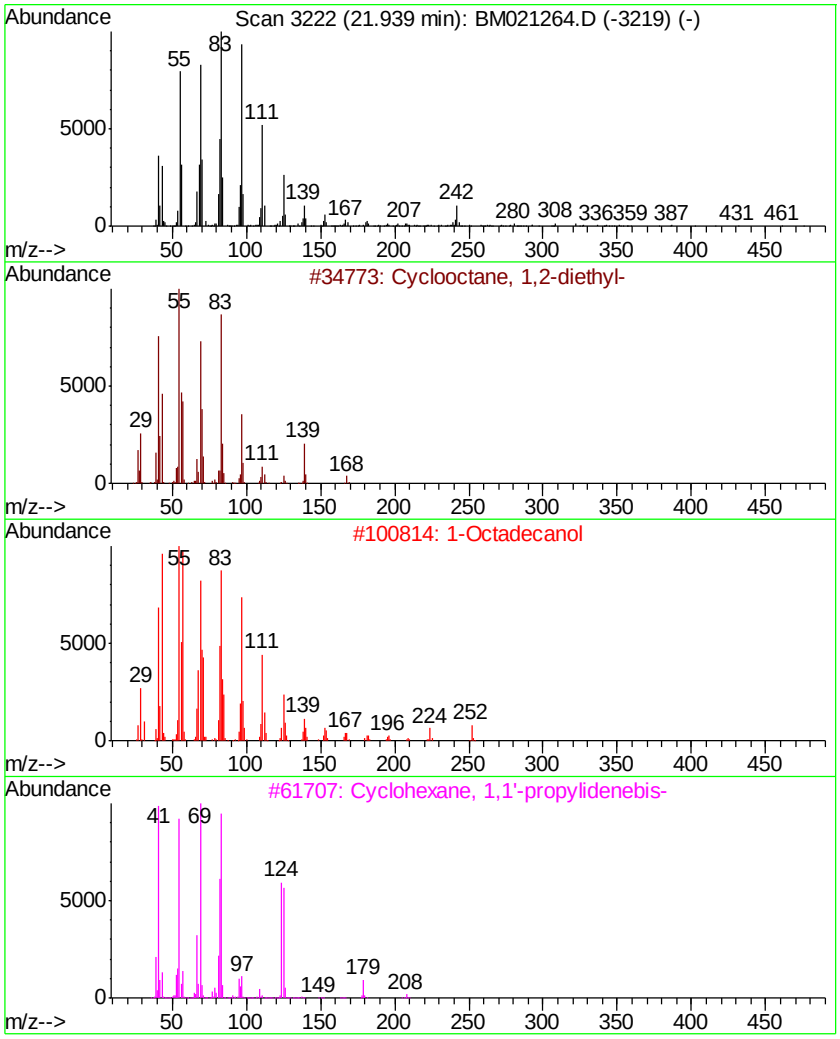
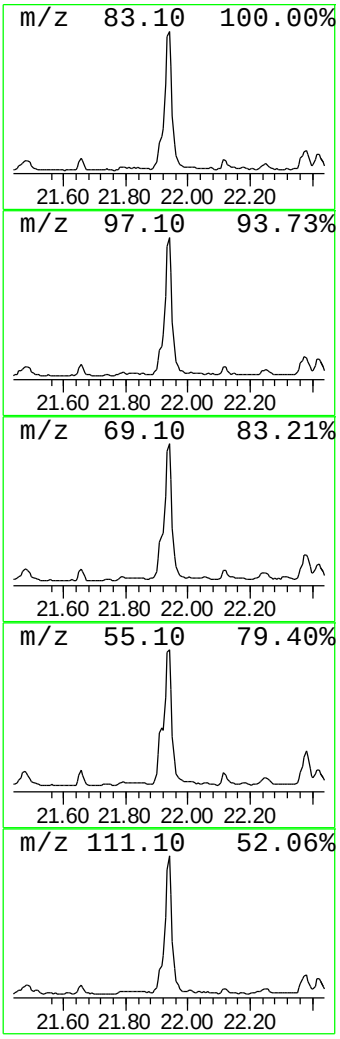
Peak Number 17 (DEL) Alkane: Cyclic21.94 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	16.69 ng/ul	3588890	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
2	1-Octadecanol	270	C18H38O	000112-92-5	43
3	Cyclohexane, 1,1'-propylidenebis-	208	C15H28	054934-91-7	43
4	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	35
5	1-Nonadecene	266	C19H38	018435-45-5	35





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Sample : K3593-14
Misc :
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Instrument : BNA_M
ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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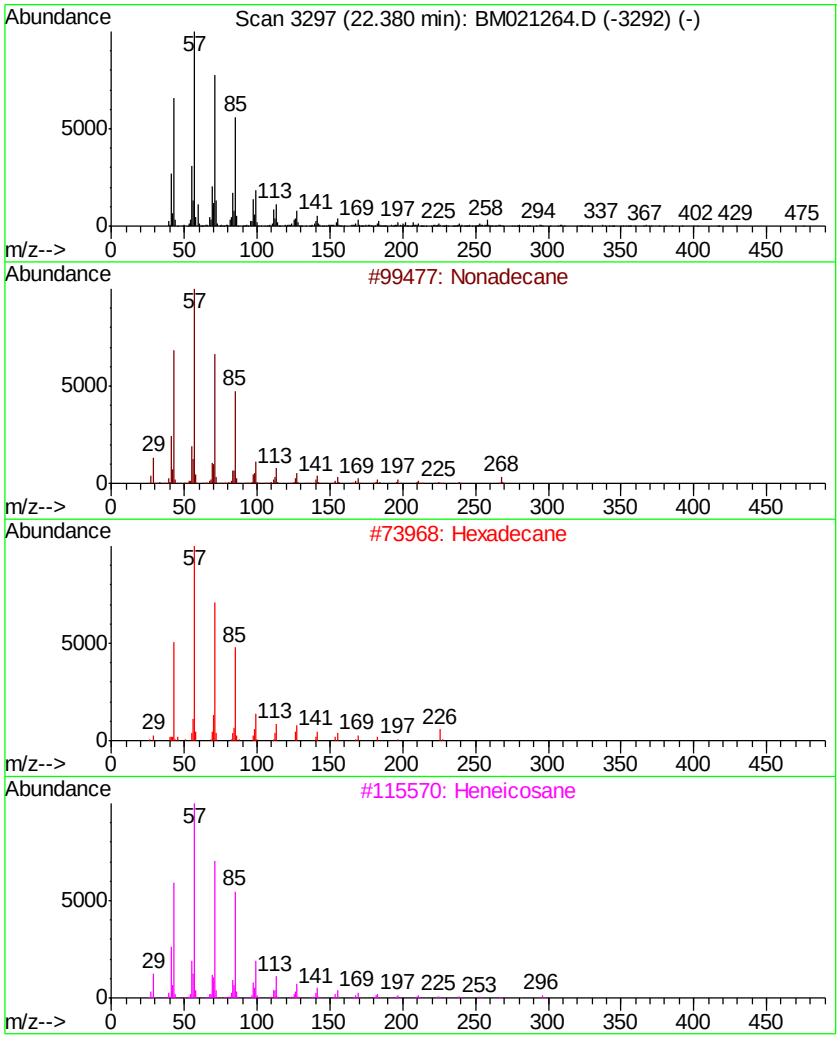
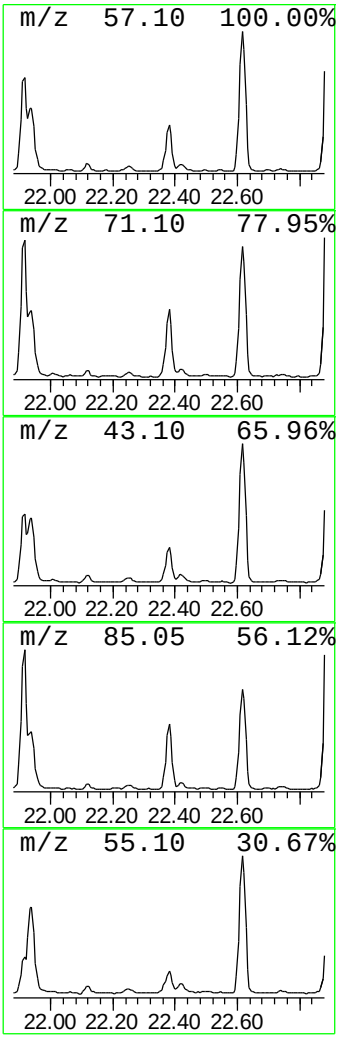
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	6.91 ng/ul	1484840	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tetratriacontane	479	C34H70	014167-59-0	87





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Quant Title : SVOA CALIBRATION

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

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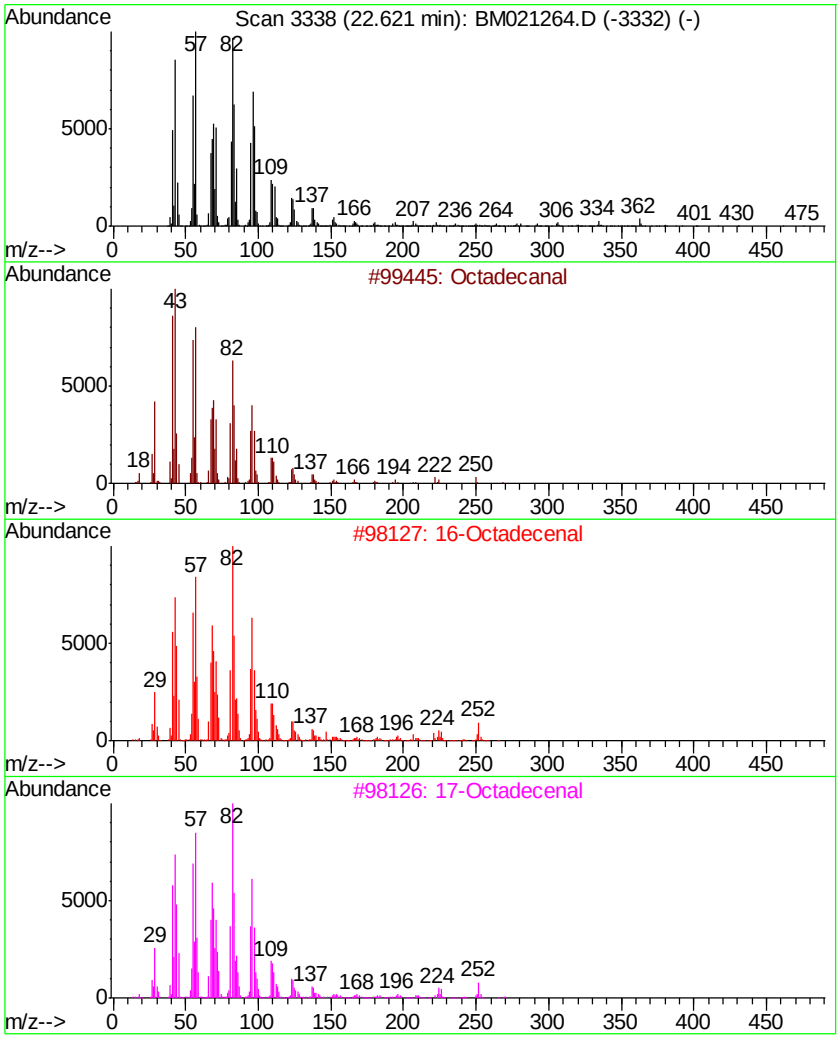
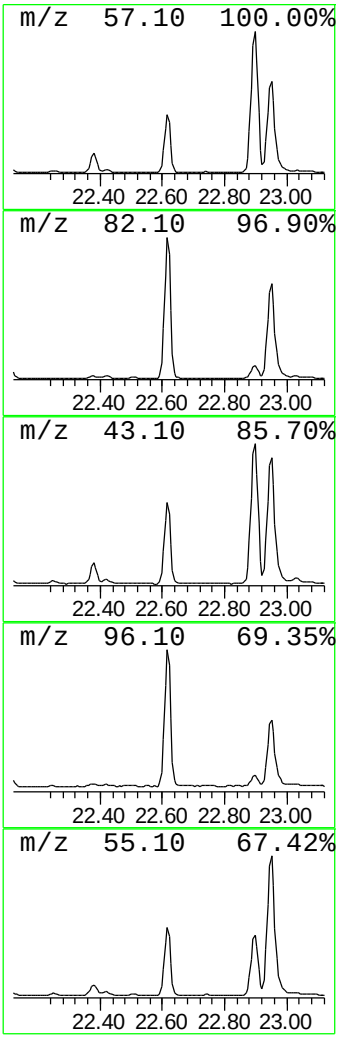
Peak Number 19 Octadecanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	47.47 ng/ul	7823710	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	16-Octadecenal	266	C18H34O	056554-87-1	95
3	17-Octadecenal	266	C18H34O	056554-86-0	95
4	1,19-Eicosadiene	278	C20H38	014811-95-1	95
5	13-Octadecenal	266	C18H34O	056554-90-6	93





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Quant Title : SVOA CALIBRATION

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

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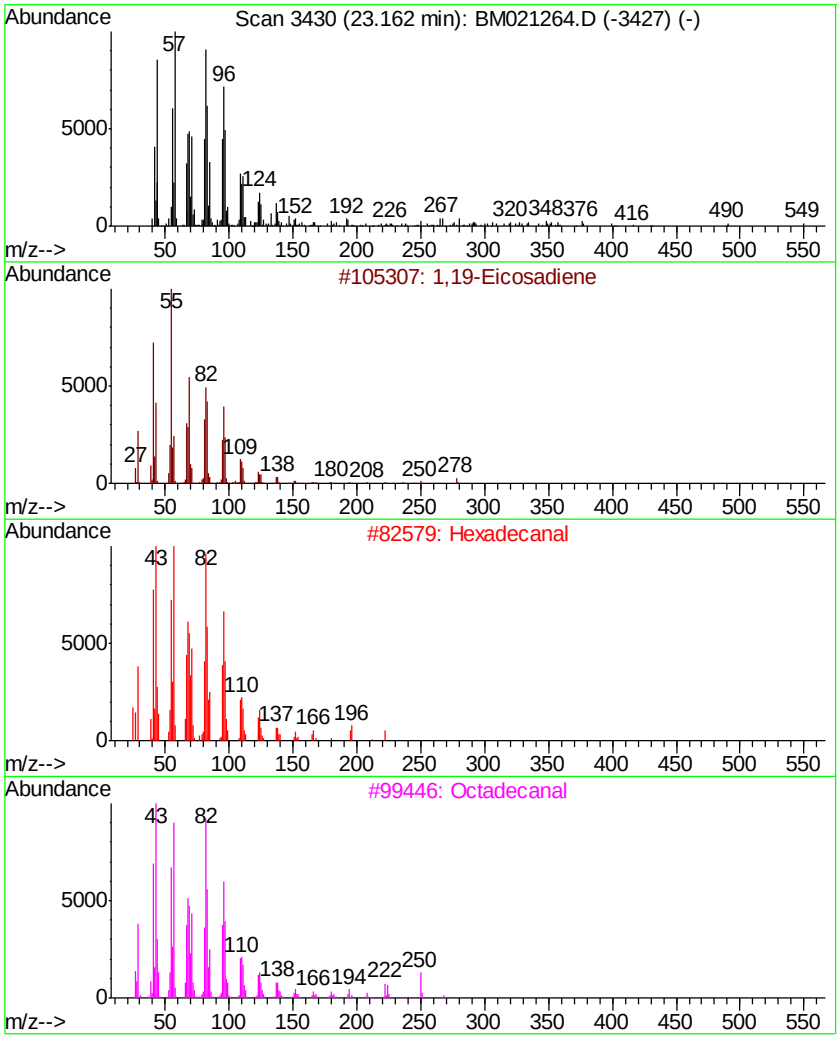
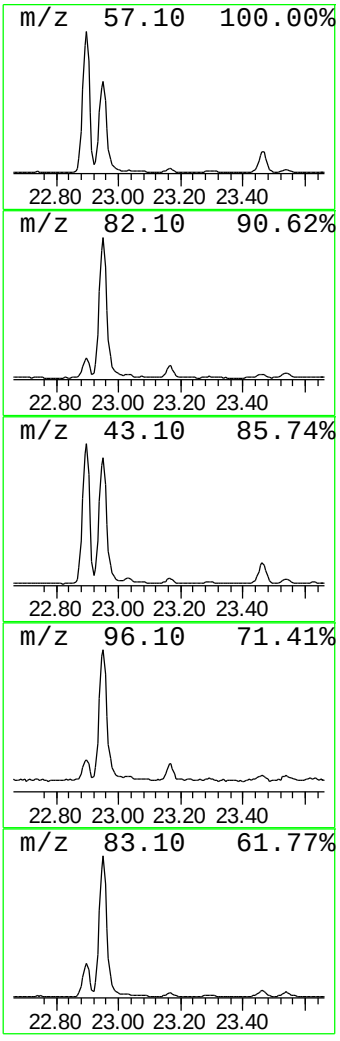
Peak Number 20 1,19-Eicosadiene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.97 ng/ul	489136	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	98
2	Hexadecanal	240	C16H32O	000629-80-1	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	1,19-Eicosadiene	278	C20H38	014811-95-1	89
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87





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ClientSampleId : C6BC6

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Quant Title : SVOA CALIBRATION

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

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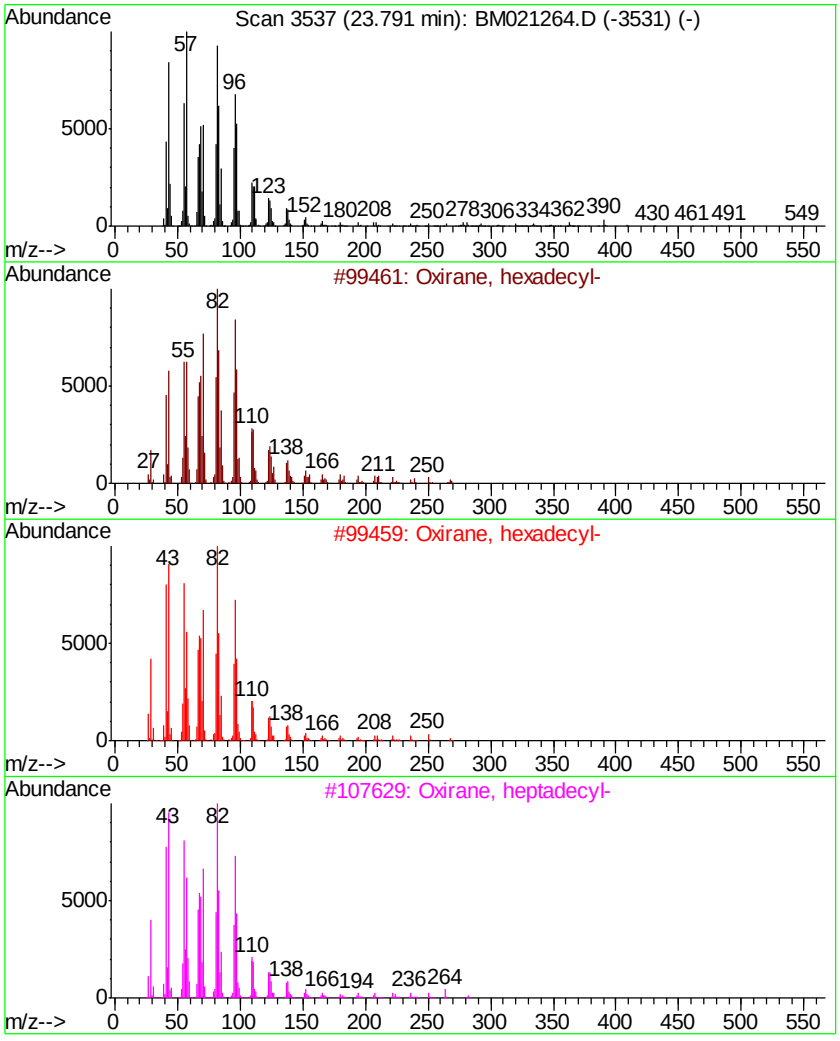
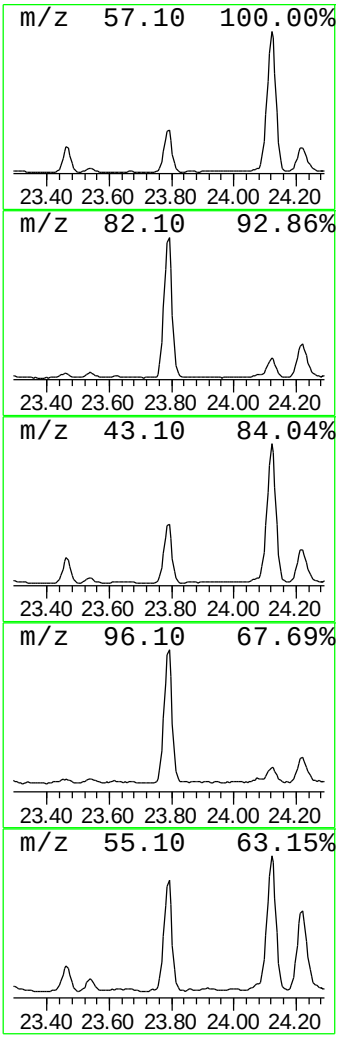
Peak Number 21 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	37.30 ng/ul	6146730	Perylene-d12	23.60

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	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Tetracosanal	352	C24H48O	057866-08-7	90





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Quant Title : SVOA CALIBRATION

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

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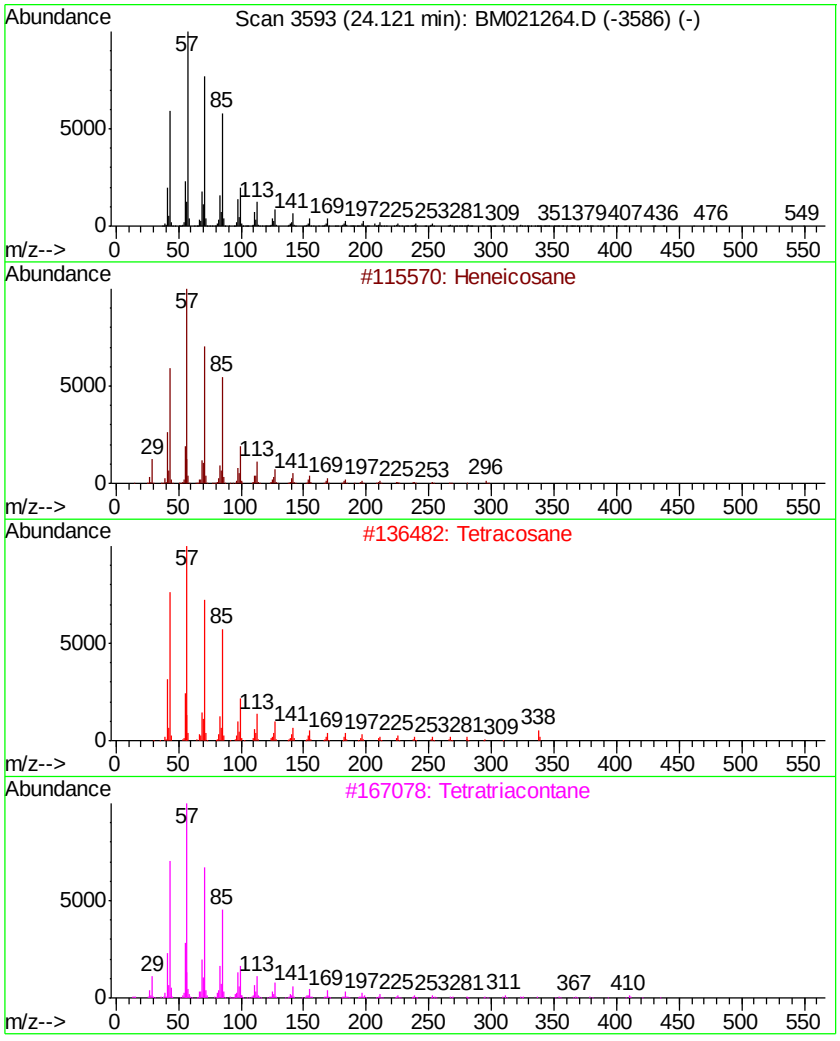
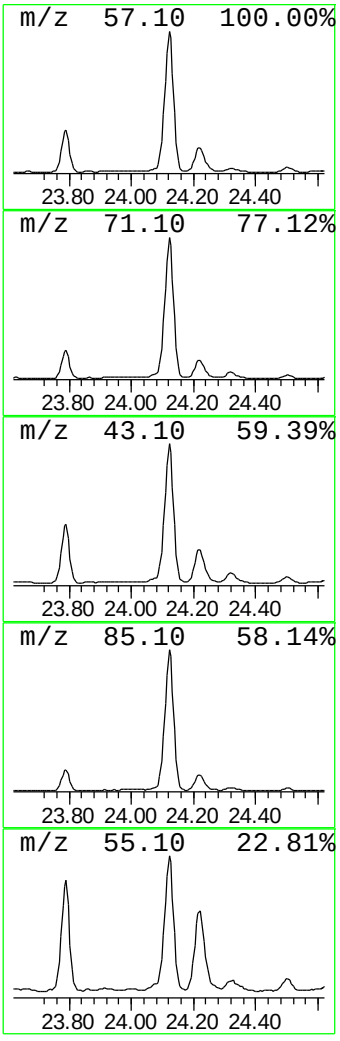
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	64.90 ng/ul	10695300	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Nonacosane	408	C29H60	000630-03-5	90





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Quant Title : SVOA CALIBRATION

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

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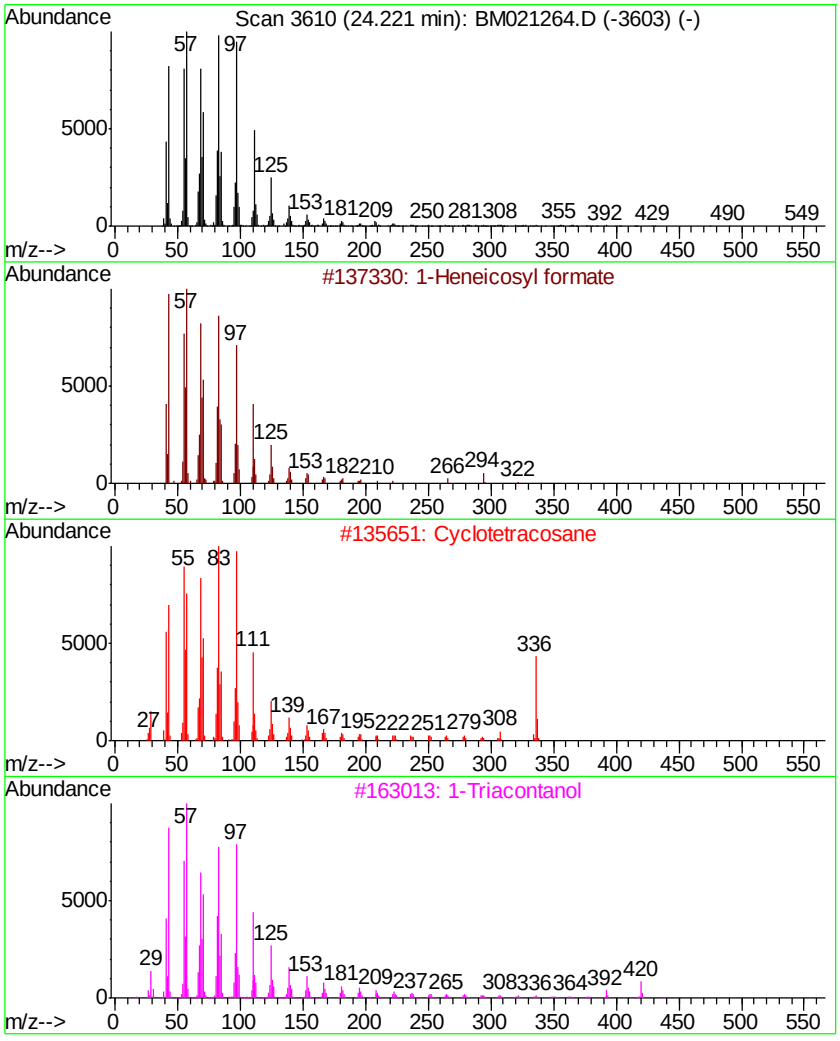
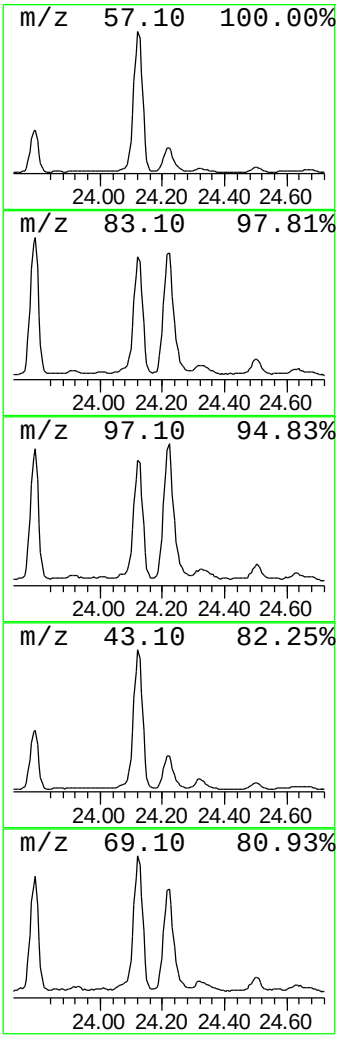
Peak Number 23 1-Heneicosyl formate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	25.12 ng/ul	4140660	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	1-Triacontanol	438	C30H62O	000593-50-0	90
4	Octacosanol	410	C28H58O	000557-61-9	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





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Quant Title : SVOA CALIBRATION

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

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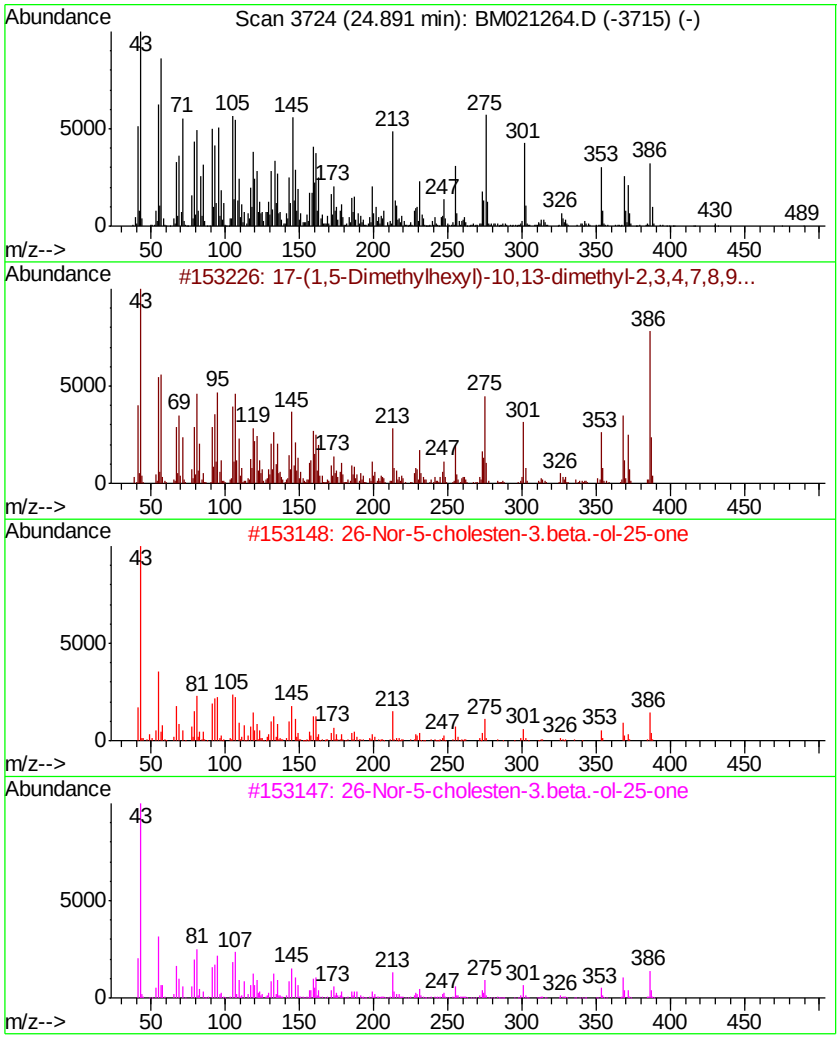
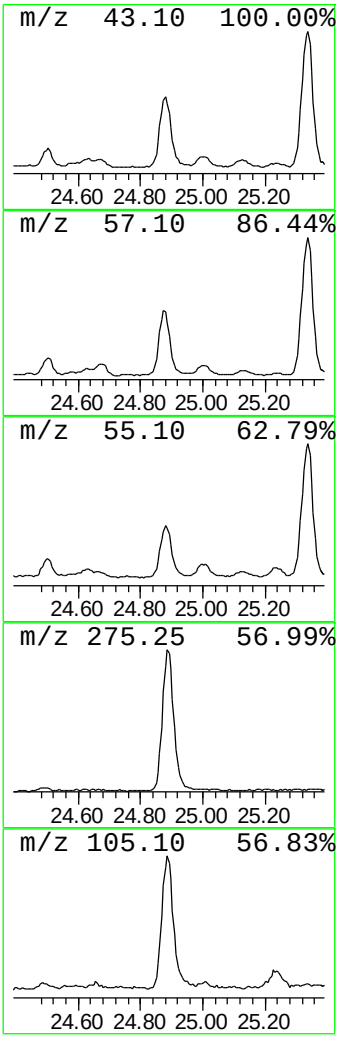
Peak Number 24 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	34.79 ng/ul	5733810	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	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	90
4	Cholesterol	386	C27H46O	000057-88-5	89
5	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	49





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Quant Title : SVOA CALIBRATION

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

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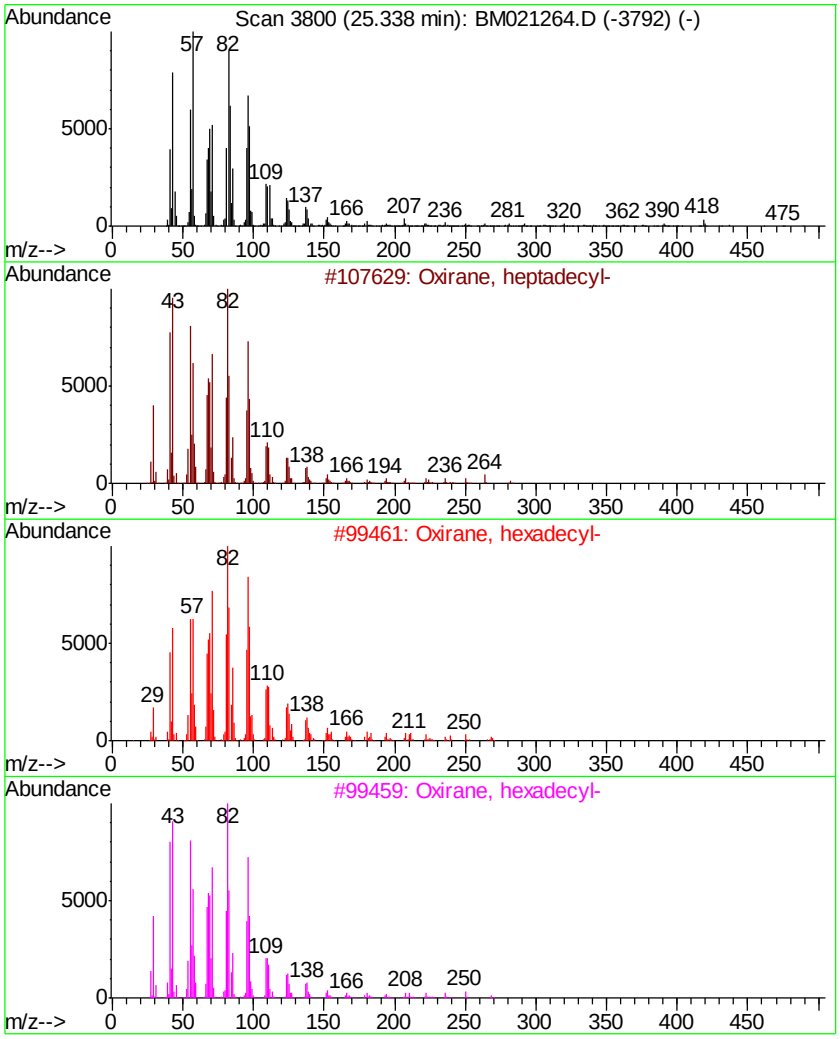
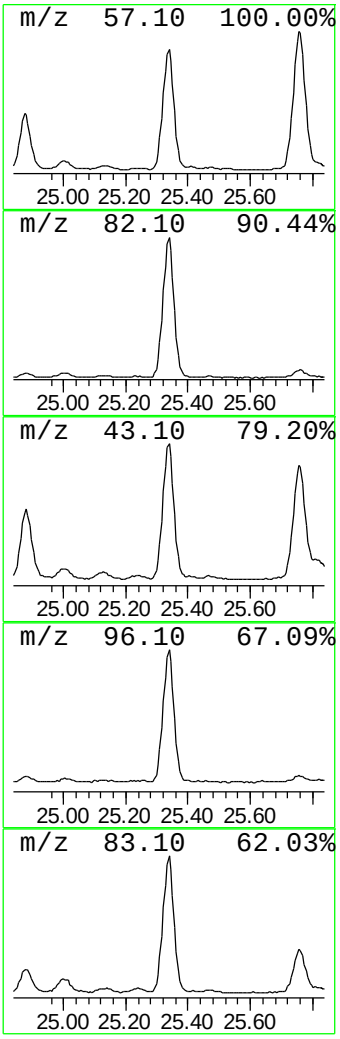
Peak Number 25 Oxirane, heptadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	45.43 ng/ul	7486520	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	13-Octadecenal	266	C18H34O	056554-90-6	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	90





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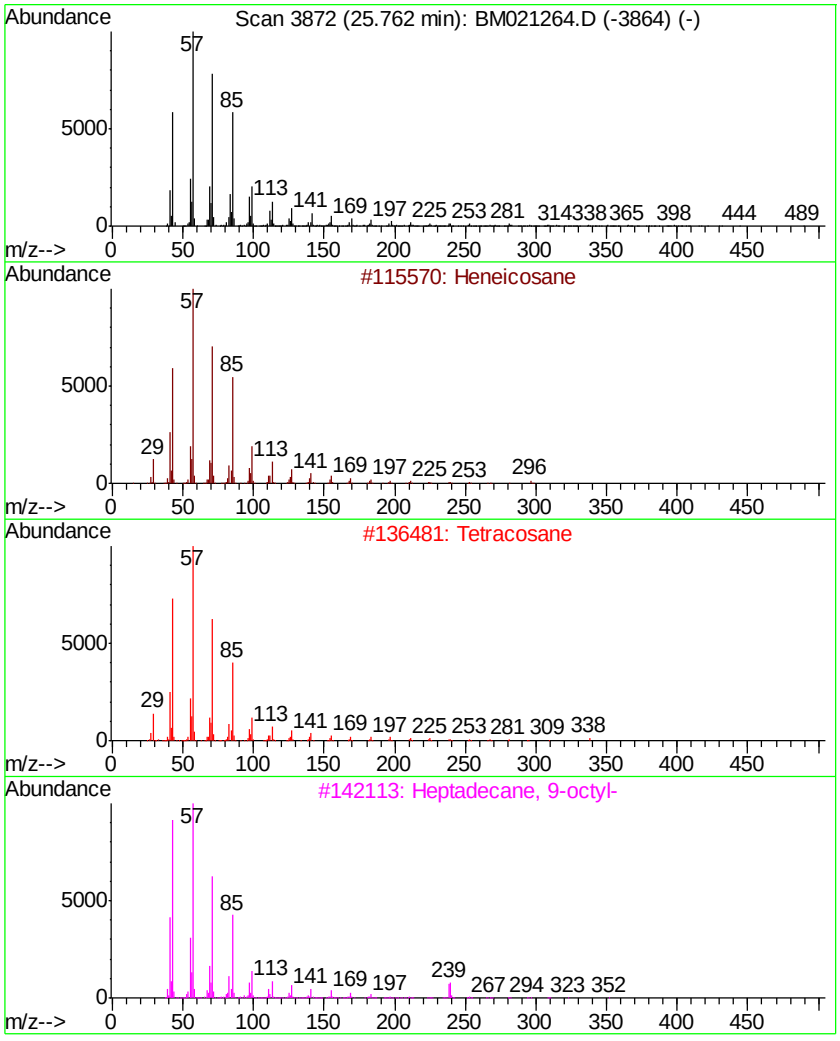
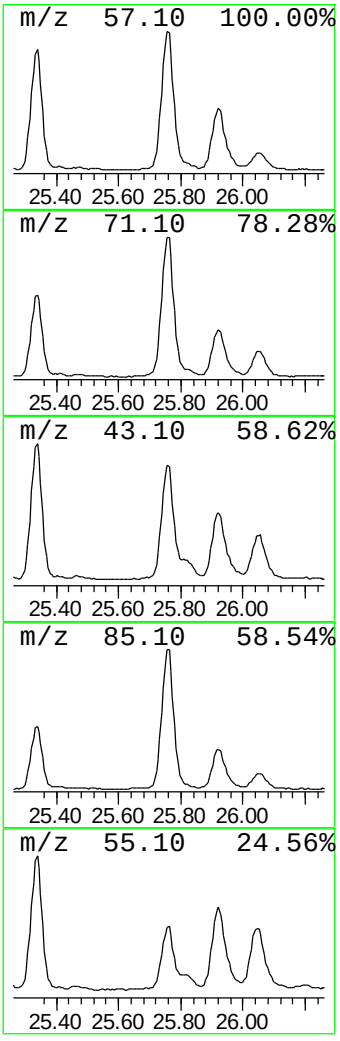
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	27.88 ng/ul	4595210	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Octadecane	254	C18H38	000593-45-3	93
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93





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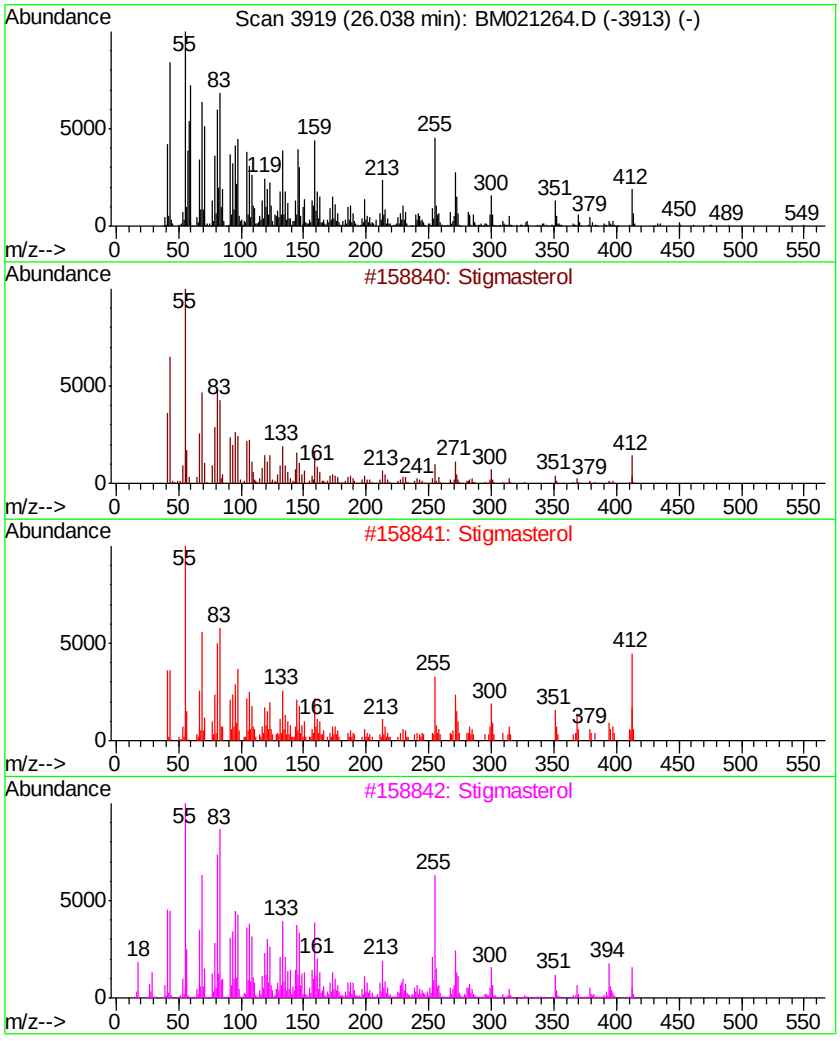
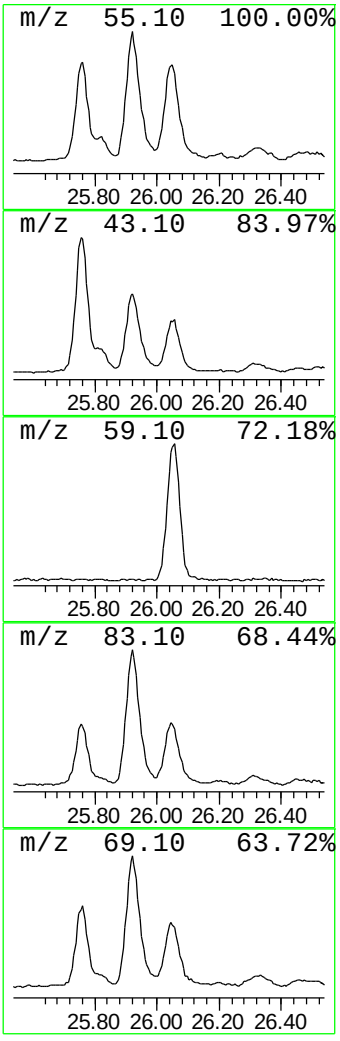
Peak Number 27 Stigmasterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	30.69 ng/ul	5058050	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol	412	C29H48O	000083-48-7	97
2	Stigmasterol	412	C29H48O	000083-48-7	53
3	Stigmasterol	412	C29H48O	000083-48-7	49
4	Cholest-7-en-3-one, 4,4-dimethyl...	412	C29H48O	002604-90-2	45
5	Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	38





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

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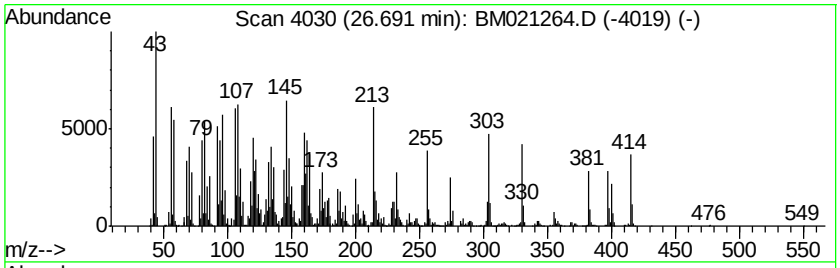
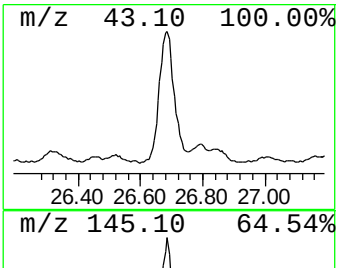
Peak Number 28 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	62.50 ng/ul	10300100	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	97
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	92
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	50
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	48





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Instrument : BNA_M
ClientSampleId : C6BC6

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

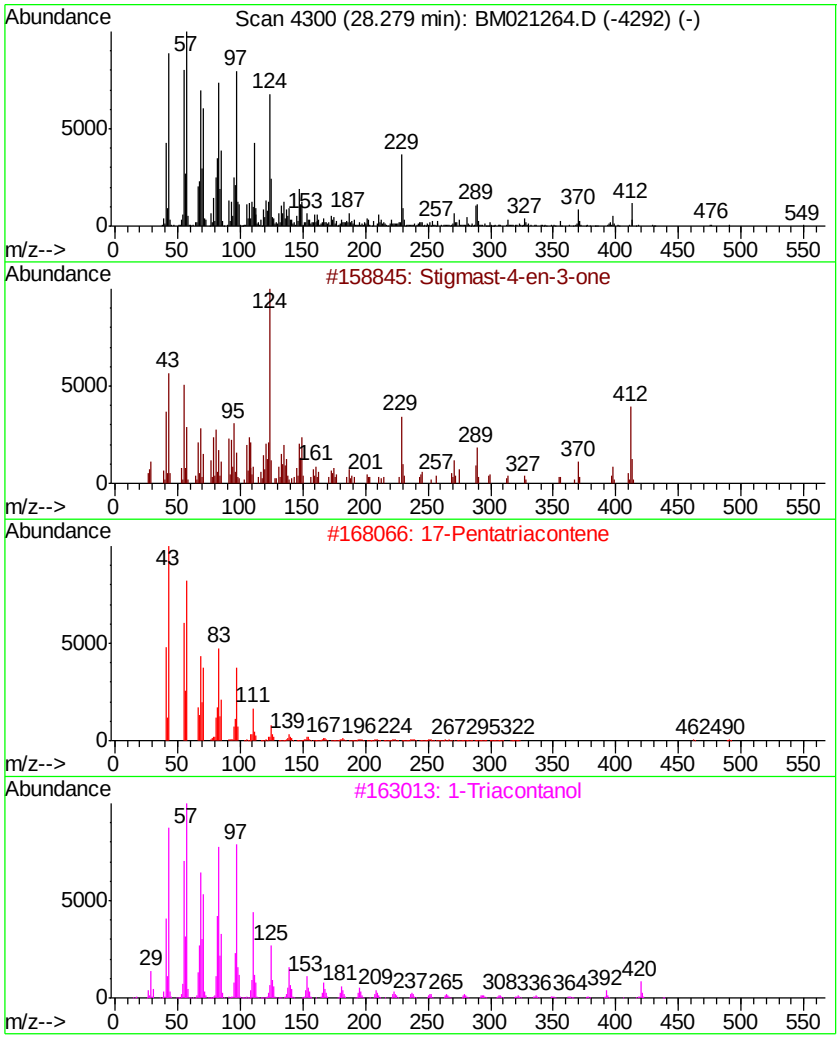
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

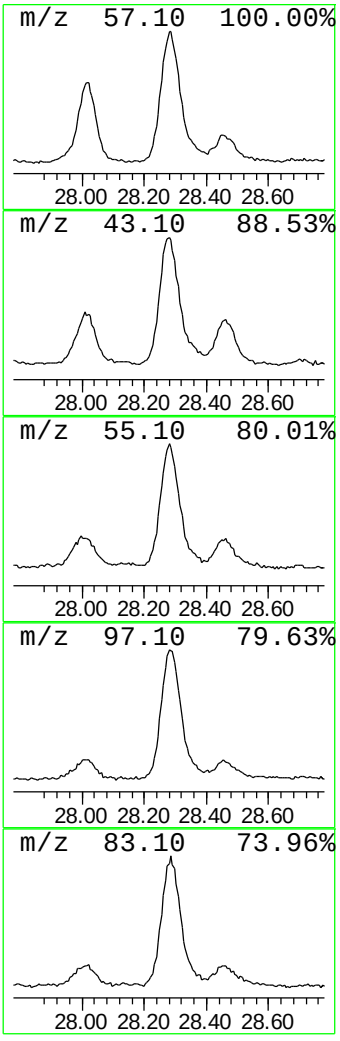
****

Peak Number 30 Stigmast-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.28	30.91 ng/ul	5095000	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	86
3	1-Triacontanol	438	C30H62O	000593-50-0	70
4	17-Pentatriacontene	491	C35H70	006971-40-0	62
5	1-Hentetracontanol	593	C41H84O	040710-42-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021264.D
Acq On : 29 Jun 2019 16:26
Operator : HP/JU
Sample : K3593-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C6BC6

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
Butane, 2-methoxy...	3.02	36.4	ng/ul	2747870	1	7.76	1509950	20.0
Hexanal	4.35	2.5	ng/ul	190173	1	7.76	1509950	20.0
Cyclotrisiloxane,...	4.40	4.8	ng/ul	359328	1	7.76	1509950	20.0
Cyclotetrasiloxan...	6.86	3.8	ng/ul	289067	1	7.76	1509950	20.0
Nonanal	9.07	2.1	ng/ul	156936	1	7.76	1509950	20.0
(DEL) Alkane: Cyc...	17.53	2.1	ng/ul	362985	4	17.15	3490420	20.0
13-Borabicyclo[7....	17.92	2.3	ng/ul	396978	4	17.15	3490420	20.0
E-11-Hexadecenoic...	17.98	3.0	ng/ul	520685	4	17.15	3490420	20.0
n-Hexadecanoic acid	18.04	17.5	ng/ul	3054880	4	17.15	3490420	20.0
Phytol	19.06	3.1	ng/ul	535109	4	17.15	3490420	20.0
Octadecanoic acid	19.32	4.3	ng/ul	918535	5	21.33	4300640	20.0
(DEL) Alkane: Str...	20.07	3.1	ng/ul	666159	5	21.33	4300640	20.0
Cinnamyl cinnamate	20.89	9.6	ng/ul	2071910	5	21.33	4300640	20.0
Ethanol, 2-(tetra...	21.04	11.5	ng/ul	2473700	5	21.33	4300640	20.0
(DEL) Alkane: Str...	21.47	3.0	ng/ul	653673	5	21.33	4300640	20.0
(DEL) Alkane: Str...	21.92	9.2	ng/ul	1983450	5	21.33	4300640	20.0
(DEL) Alkane: Cyc...	21.94	16.7	ng/ul	3588890	5	21.33	4300640	20.0
(DEL) Alkane: Str...	22.38	6.9	ng/ul	1484840	5	21.33	4300640	20.0
Octadecanal	22.62	47.5	ng/ul	7823710	6	23.60	3296130	20.0
1,19-Eicosadiene	23.16	3.0	ng/ul	489136	6	23.60	3296130	20.0
Oxirane, hexadecyl-	23.79	37.3	ng/ul	6146730	6	23.60	3296130	20.0
(DEL) Alkane: Str...	24.12	64.9	ng/ul	10695300	6	23.60	3296130	20.0
1-Heneicosyl formate	24.22	25.1	ng/ul	4140660	6	23.60	3296130	20.0
17-(1,5-Dimethylh...	24.89	34.8	ng/ul	5733810	6	23.60	3296130	20.0
Oxirane, heptadecyl-	25.34	45.4	ng/ul	7486520	6	23.60	3296130	20.0
(DEL) Alkane: Str...	25.76	27.9	ng/ul	4595210	6	23.60	3296130	20.0
Stigmasterol	26.04	30.7	ng/ul	5058050	6	23.60	3296130	20.0
.gamma.-Sitosterol	26.69	62.5	ng/ul	10300100	6	23.60	3296130	20.0
Stigmast-4-en-3-one	28.28	30.9	ng/ul	5095000	6	23.60	3296130	20.0