LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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-BM032219MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.757	634	641	655	rVV	527830	957745	3.67%	0.608%
2	6.922	664	669	683	rBV	424047	744674	2.85%	0.473%
3	7.104	693	700	711	rVB	591154	987080	3.78%	0.627%
4	7.569	773	779	789	rBV	602902	1012218	3.88%	0.643%
5	8.287	894	901	911	rBV	693109	1246268	4.77%	0.791%
6	8.634	957	960	966	rVB3	49345	82821	0.32%	0.053%
7	8.739	969	978	990	rBV	564633	1101114	4.22%	0.699%
8	8.839	990	995	998	rBV3	47438	92659	0.35%	0.059%
9	9.451	1093	1099	1104	rVV	515824	866136	3.32%	0.550%
10	9.498	1104	1107	1111	rVB3	73485	104873	0.40%	0.067%
11	9.704	1137	1142	1149	rBV2	64431	139775	0.54%	0.089%
12	9.892	1170	1174	1183	rBV4	43495	125318	0.48%	0.080%
13	9.981	1183	1189	1196	rBV	716608	1304398	4.99%	0.828%
14	10.281	1235	1240	1244	rBV3	55324	91352	0.35%	0.058%
15	10.345	1245	1251	1258	rBV	925656	1521081	5.82%	0.966%
16	10.445	1263	1268	1270	rVV4	46285	96133	0.37%	0.061%
17	10.510	1274	1279	1293	rVB	644672	1339036	5.13%	0.850%
18	10.798	1324	1328	1335	rVB4	73398	126382	0.48%	0.080%
19	10.875	1336	1341	1348	rBV	183854	401468	1.54%	0.255%
20	10.975	1354	1358	1360	rBV5	53380	79815	0.31%	0.051%
21	11.016	1361	1365	1371	rVB2	138944	228157	0.87%	0.145%
22	11.339	1414	1420	1424	rBV	590853	876116	3.35%	0.556%
23	11.504	1440	1448	1455	rBV8	44041	135338	0.52%	0.086%
24	11.598	1459	1464	1469	rBV5	67176	108075	0.41%	0.069%
25	11.957	1520	1525	1535	rVB9	100244	285235	1.09%	0.181%
26	12.063	1535	1543	1549	rBV7	52852	148792	0.57%	0.094%
27	12.204	1562	1567	1571	rBV5	53225	106791	0.41%	0.068%
28	12.392	1594	1599	1603	rBV5	67000	116658	0.45%	0.074%
29	12.463	1607	1611	1615	rVV	163987	227911	0.87%	0.145%
30	12.622	1635	1638	1644	rVB6	70202	118460	0.45%	0.075%
31	12.674	1644	1647	1650	rBV4	54501	82609	0.32%	0.052%
32	12.722	1650	1655	1660	rVV	810127	1079342	4.13%	0.685%
33	12.774	1662	1664	1671	rVB5	80482	124882	0.48%	0.079%
34	12.992	1699	1701	1705	rVB2	90536	105894	0.41%	0.067%

LSC Area Percent Report

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Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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-BM032219MA.M
Title : SVOA CALIBRATION

35	13.045	1706	1710	1714	rVB3	77418	102266	0.39%	0.065%
36	13.151	1725	1728	1731	rBV5	66562	90837	0.35%	0.058%
37	13.257	1743	1746	1751	rVB3	87056	139209	0.53%	0.088%
38	13.410	1768	1772	1776	rBV3	101458	170256	0.65%	0.108%
39	13.616	1803	1807	1809	rBV2	106546	146259	0.56%	0.093%
40	13.651	1809	1813	1816	rVV	1547694	2042097	7.82%	1.297%
41	13.686	1816	1819	1825	rVB2	1094626	1515173	5.80%	0.962%
42	13.857	1844	1848	1851	rBV5	82133	129852	0.50%	0.082%
43	13.921	1852	1859	1868	rVV	1881417	2889038	11.06%	1.834%
44	14.033	1874	1878	1885	rVB4	187756	379145	1.45%	0.241%
45	14.174	1899	1902	1905	rBV3	97649	135747	0.52%	0.086%
46	14.227	1906	1911	1917	rVB2	1388000	2195398	8.41%	1.394%
47	14.480	1950	1954	1962	rVV	285339	565458	2.17%	0.359%
48	14.616	1973	1977	1980	rBV	99259	131302	0.50%	0.083%
49	14.663	1981	1985	1992	rVB	485366	641597	2.46%	0.407%
50	14.739	1993	1998	2003	rBV3	198260	328007	1.26%	0.208%
51	14.951	2026	2034	2039	rBV4	63758	186731	0.71%	0.119%
52	14.998	2039	2042	2046	rVV2	64285	76188	0.29%	0.048%
53	15.233	2076	2082	2088	rBV	2375365	3207150	12.28%	2.036%
54	15.380	2103	2107	2115	rVV	580480	844608	3.23%	0.536%
55	15.474	2117	2123	2129	rVB	394578	615799	2.36%	0.391%
56	15.686	2156	2159	2163	rVB	74304	89584	0.34%	0.057%
57	15.957	2199	2205	2209	rBV	515627	747805	2.86%	0.475%
58	16.780	2339	2345	2358	rVB2	209367	526906	2.02%	0.335%
59	16.992	2374	2381	2392	rBV	1902595	2703986	10.35%	1.717%
60	17.092	2392	2398	2406	rVB	2522699	3509918	13.44%	2.229%
61	17.274	2426	2429	2434	rVB	112287	133708	0.51%	0.085%
62	17.327	2434	2438	2443	rBV	206633	243322	0.93%	0.154%
63	17.380	2443	2447	2454	rBV6	46344	82576	0.32%	0.052%
64	17.886	2527	2533	2545	rBV	610292	942474	3.61%	0.598%
65	18.227	2586	2591	2595	rVB	110700	150061	0.57%	0.095%
66	18.598	2650	2654	2658	rBV	684555	800696	3.07%	0.508%
67	18.645	2658	2662	2667	rVB	1340377	1467406	5.62%	0.932%
68	19.174	2748	2752	2760	rBV	459196	666070	2.55%	0.423%
69	19.403	2784	2791	2795	rBV	3200315	4515826	17.29%	2.867%
70	19.456	2795	2800	2807	rVV	1217955	2021720	7.74%	1.284%
71	19.739	2843	2848	2851	rBV	12076681	13650569	52.26%	8.667%

LSC Area Percent Report

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Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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-BM032219MA.M
Title : SVOA CALIBRATION

72	19.786	2851	2856	2859	rVB	23837865	26118054	100.00%	16.583%
73	20.433	2962	2966	2968	rBV2	75079	100350	0.38%	0.064%
74	20.474	2969	2973	2974	rVV	327090	385424	1.48%	0.245%
75	20.497	2974	2977	2983	rVV	497239	722239	2.77%	0.459%
76	20.550	2983	2986	2992	rVB	101621	145738	0.56%	0.093%
77	20.715	3009	3014	3017	rBV	6269317	7042318	26.96%	4.471%
78	20.750	3017	3020	3024	rVB	13388072	13668703	52.33%	8.679%
79	20.903	3041	3046	3055	rBV	1368000	1705818	6.53%	1.083%
80	21.203	3091	3097	3108	rBV	2562647	3379958	12.94%	2.146%
81	21.333	3115	3119	3122	rBV	442542	497534	1.90%	0.316%
82	21.374	3122	3126	3128	rVV	294430	343382	1.31%	0.218%
83	21.409	3128	3132	3135	rVV2	307938	373961	1.43%	0.237%
84	21.586	3157	3162	3164	rBV	3602347	4052098	15.51%	2.573%
85	21.615	3164	3167	3172	rVB	7494657	7531741	28.84%	4.782%
86	21.762	3188	3192	3194	rBV	206808	240470	0.92%	0.153%
87	22.180	3258	3263	3267	rBV	1466533	1980610	7.58%	1.258%
88	22.268	3274	3278	3282	rBV	486901	642312	2.46%	0.408%
89	22.315	3283	3286	3287	rBV3	115302	142212	0.54%	0.090%
90	22.491	3311	3316	3319	rBV	2966717	3934254	15.06%	2.498%
91	22.527	3319	3322	3330	rVB	5484955	7065474	27.05%	4.486%
92	22.703	3348	3352	3358	rVB	356614	472239	1.81%	0.300%
93	23.156	3425	3429	3433	rBV	372151	581976	2.23%	0.370%
94	23.191	3433	3435	3440	rVV	212015	272709	1.04%	0.173%
95	23.268	3441	3448	3462	rVB2	2565112	5175776	19.82%	3.286%
96	23.409	3466	3472	3480	rVB	1760671	3078547	11.79%	1.955%
97	23.880	3547	3552	3560	rVB	319964	589075	2.26%	0.374%
98	23.974	3564	3568	3576	rVV2	217171	458527	1.76%	0.291%
99	24.421	3639	3644	3653	rVB	487291	1010558	3.87%	0.642%
100	24.597	3669	3674	3682	rVB2	397504	836949	3.20%	0.531%

Sum of corrected areas: 157498356

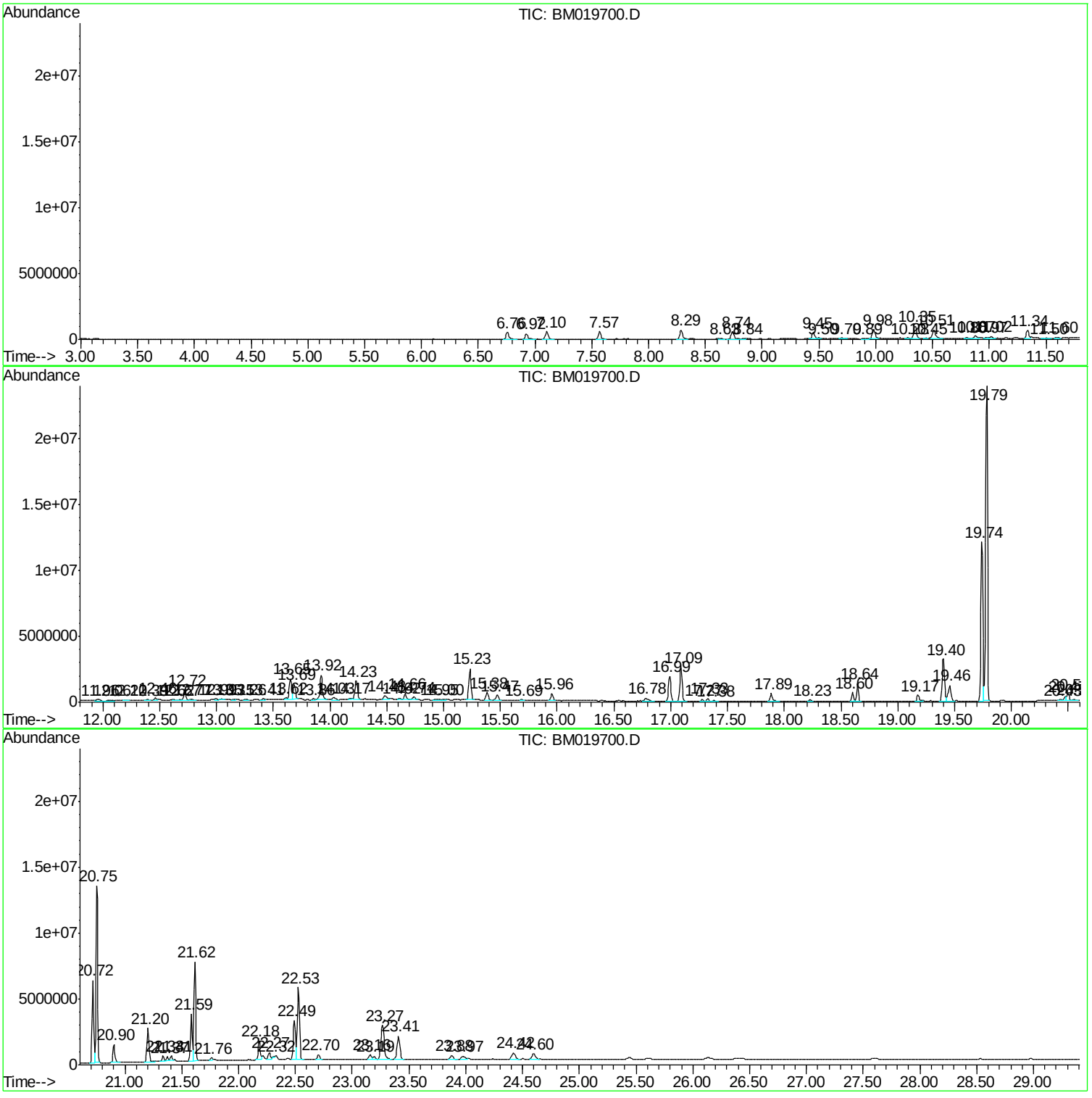
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

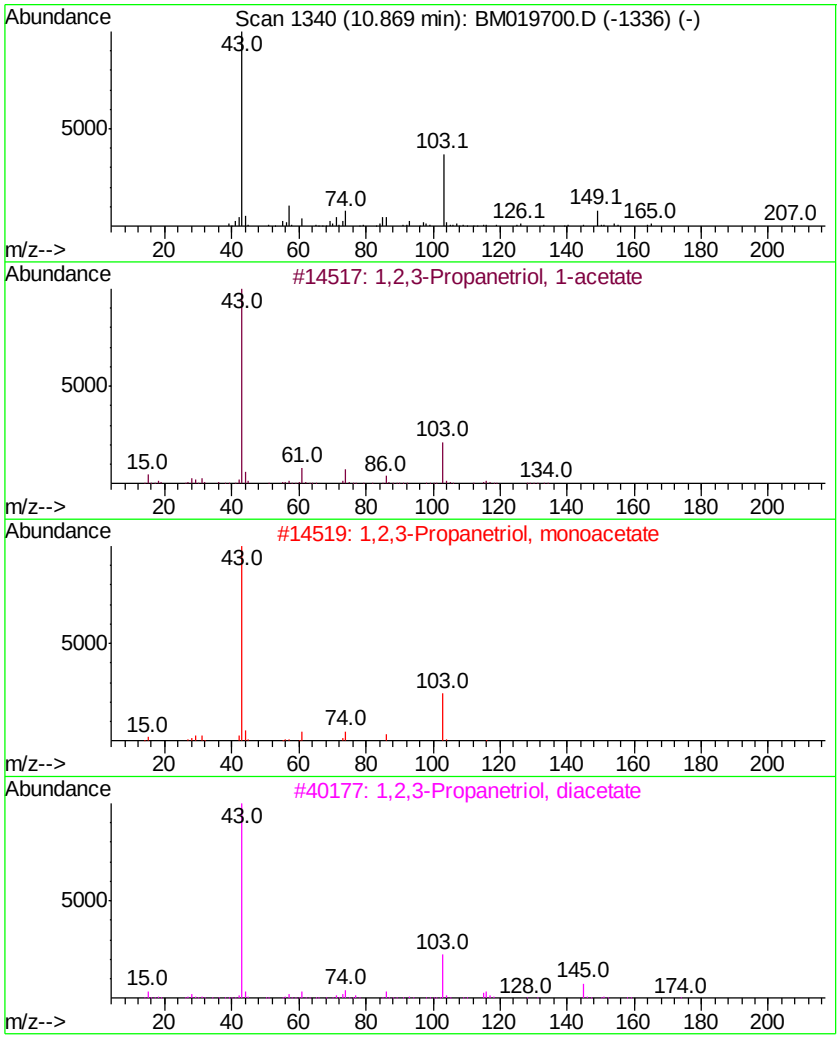
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

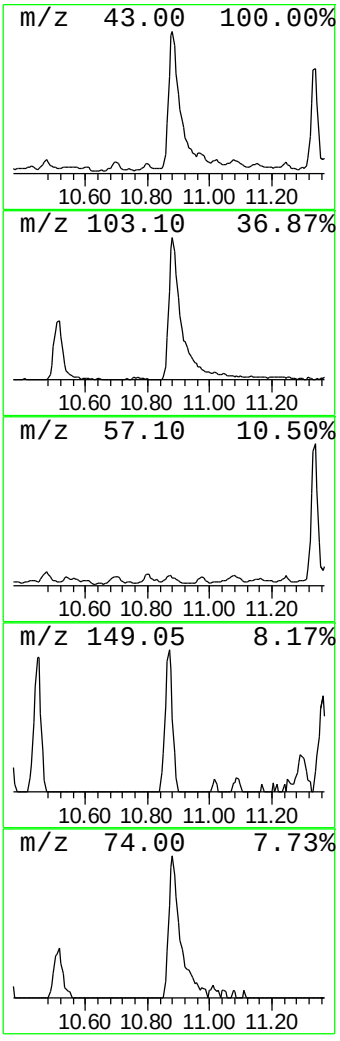
****

Peak Number 1 1,2,3-Propanetriol, 1-acetate Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	5.28 ng/ul	401468	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Propanetriol, 1-acetate	134	C5H10O4	000106-61-6	50
2	1,2,3-Propanetriol, monoacetate	134	C5H10O4	026446-35-5	47
3	1,2,3-Propanetriol, diacetate	176	C7H12O5	025395-31-7	39
4	1,2,3-Propanetriol, diacetate	176	C7H12O5	025395-31-7	38
5	1,2-Ethanediol, 1-(2-ethyl-1,3,2...	244	C10H17BO6	074793-16-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

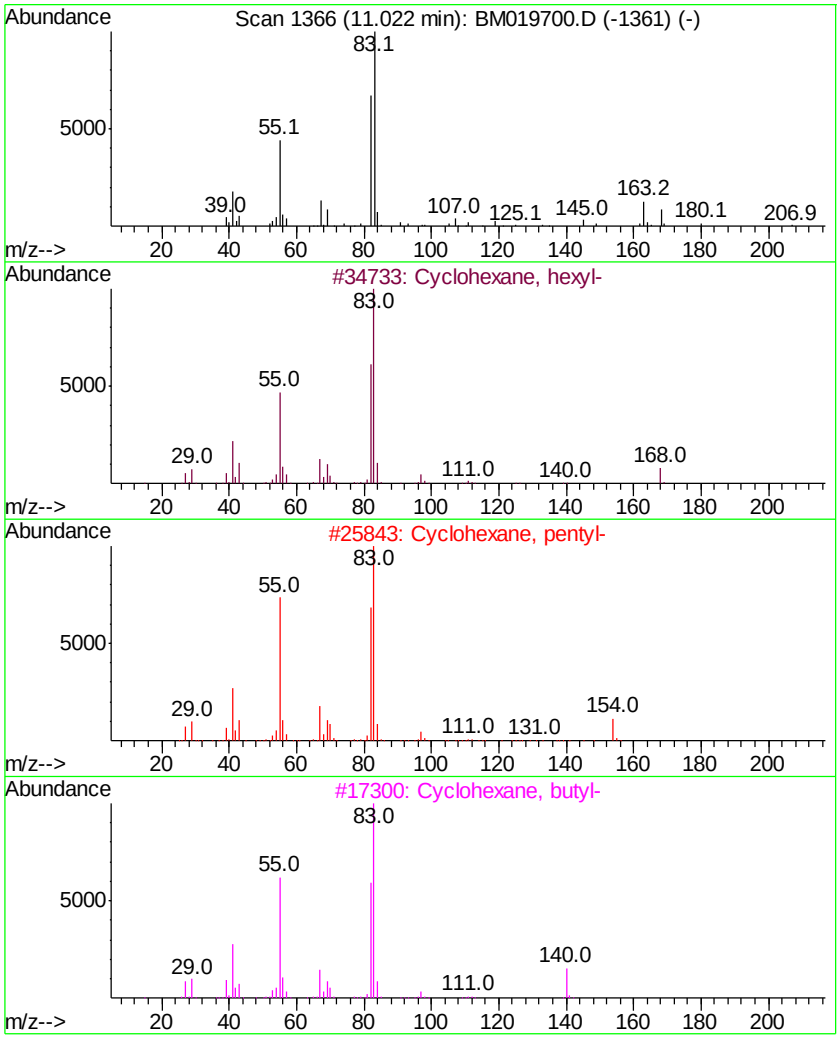
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

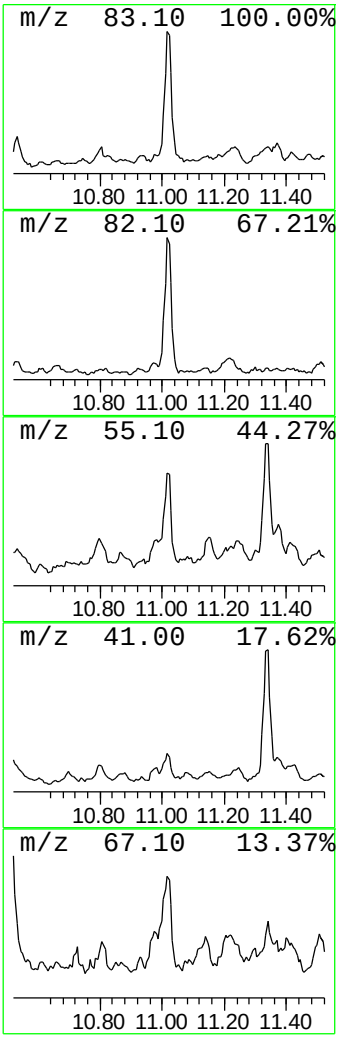
****

Peak Number 2 (DEL) Alkane: Cyclic11.02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.00 ng/ul	228157	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	80
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	56
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	56





Library Search Compound Report

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Acq On : 02 Apr 2019 20:26
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Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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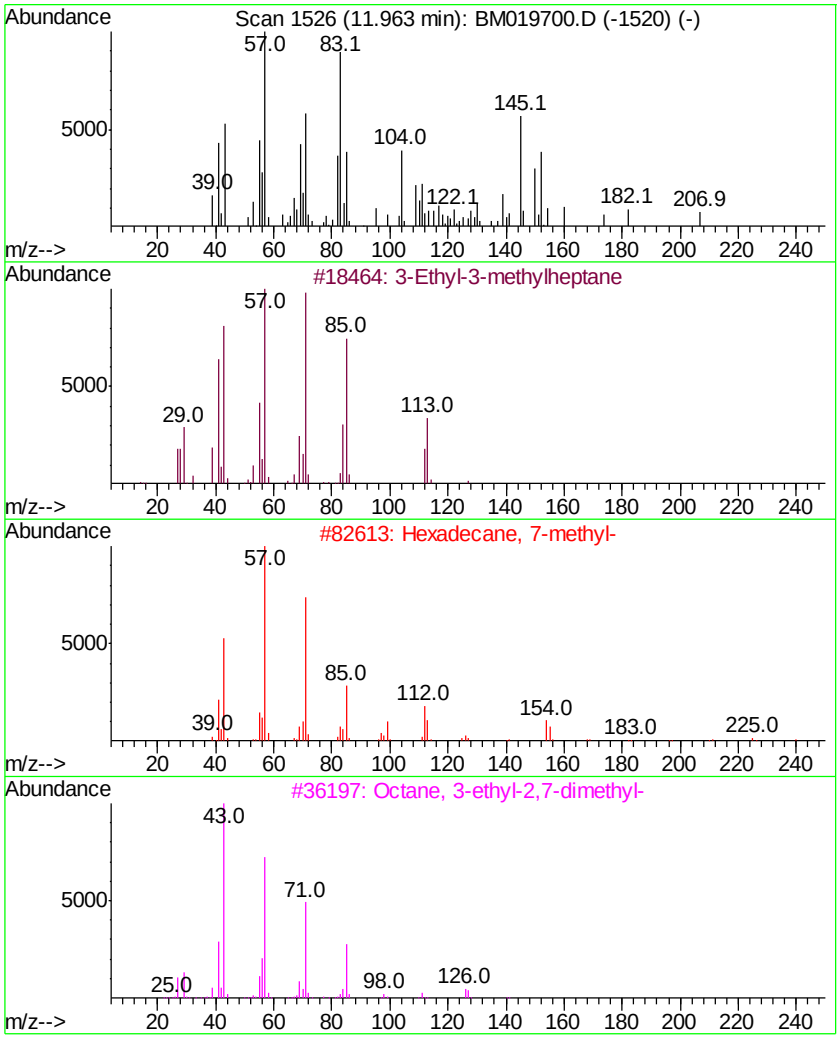
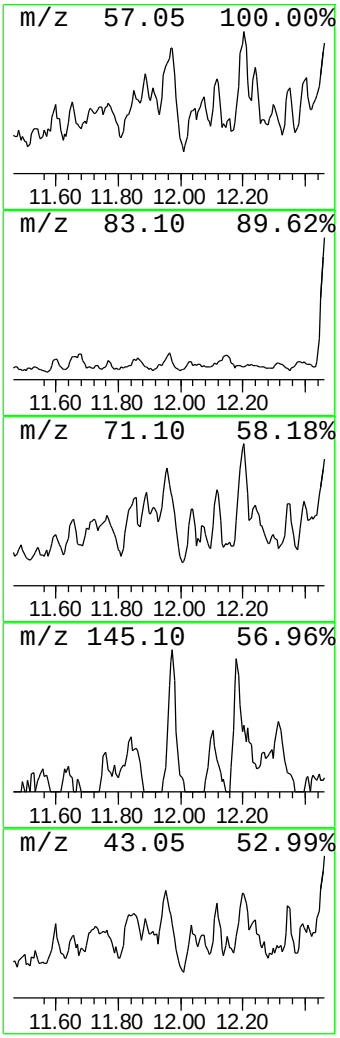
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.75 ng/ul	285235	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	22
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	14
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	14
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	14
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019700.D
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Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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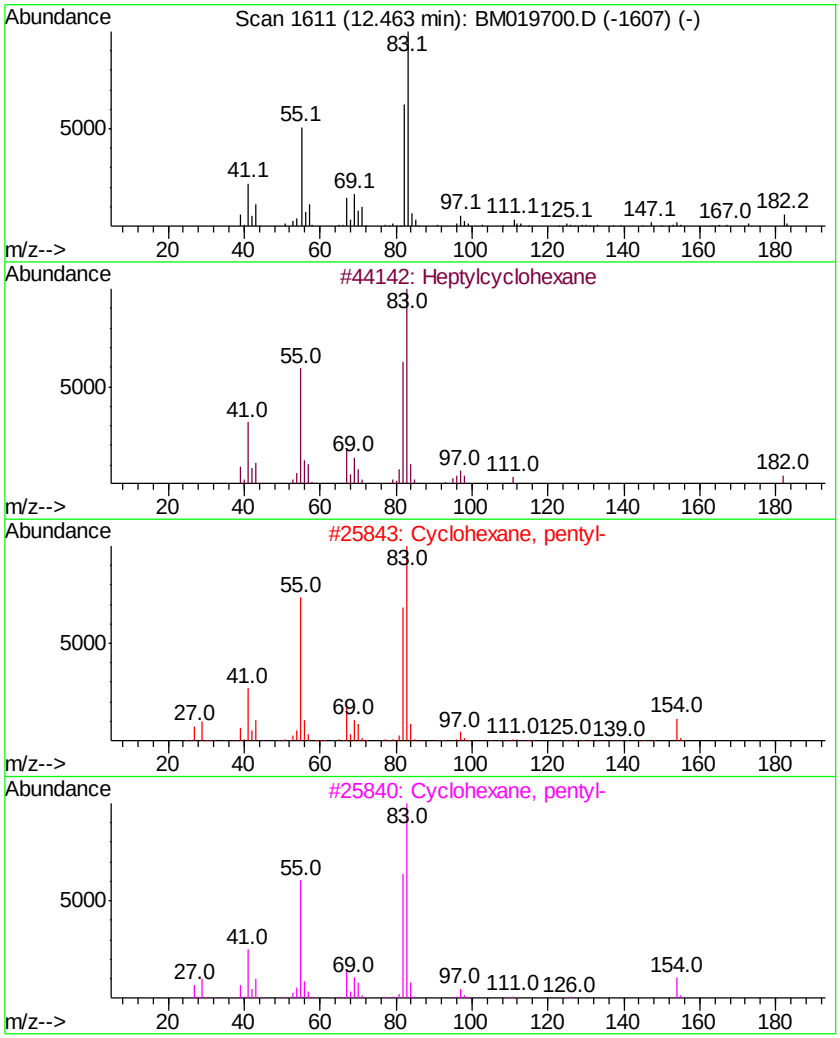
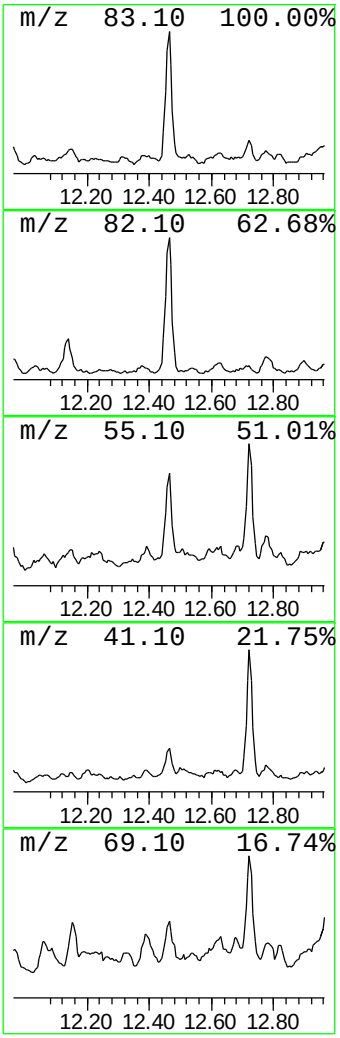
Peak Number 4 (DEL) Alkane: Cyclic12.46 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.08 ng/ul	227911	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	86
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

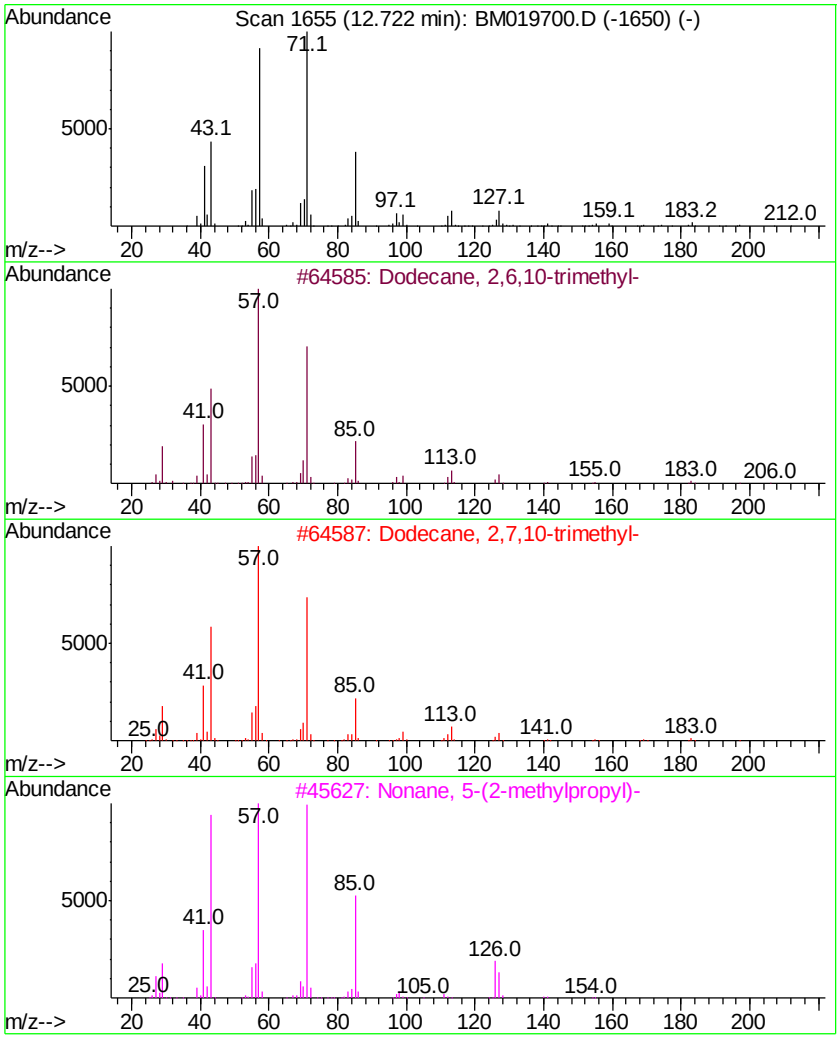
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

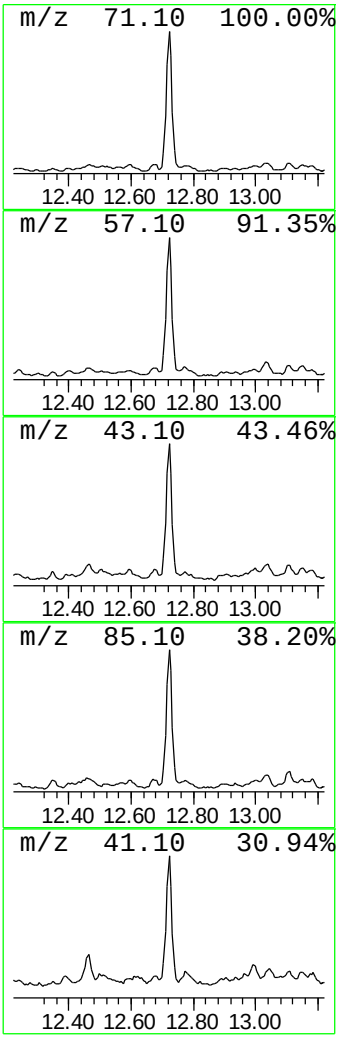
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.83 ng/ul	1079340	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
5	Tetracosane	338	C24H50	000646-31-1	53





Library Search Compound Report

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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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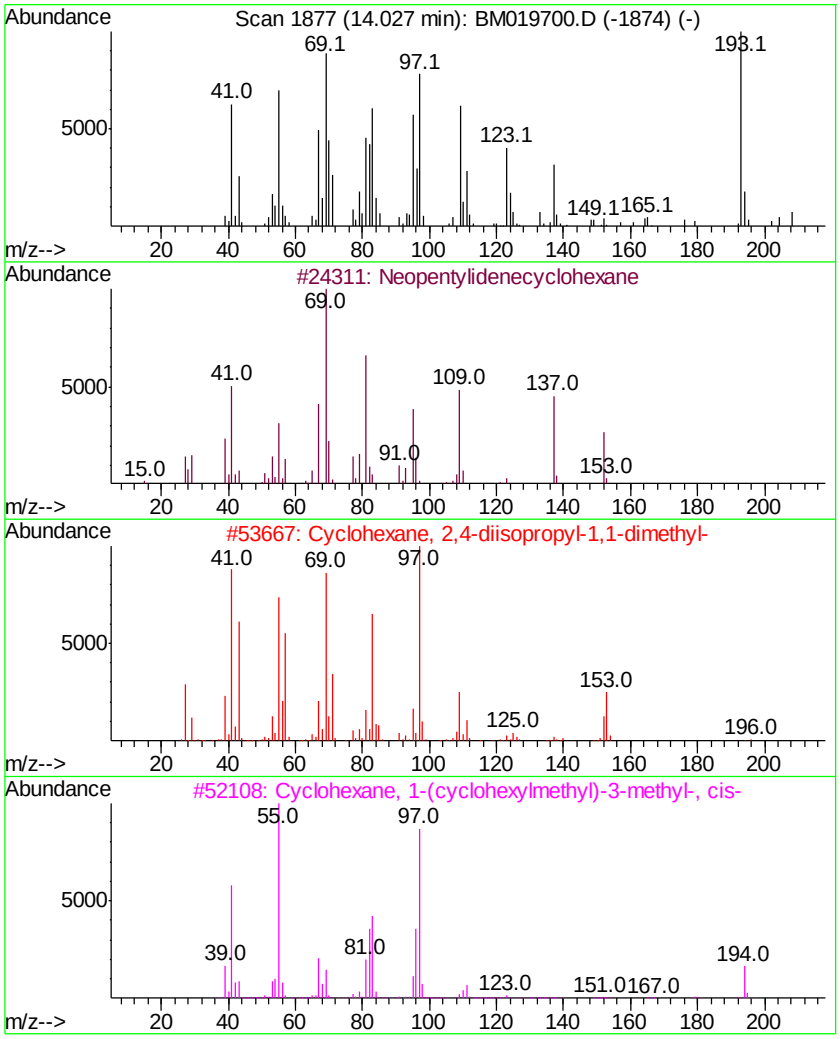
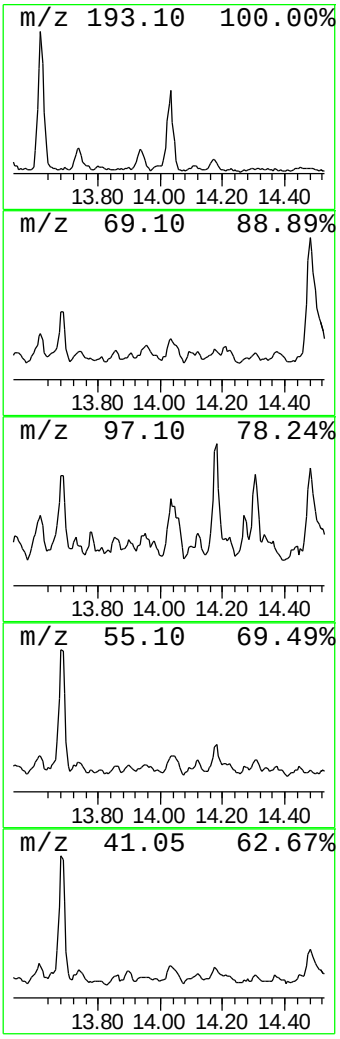
Peak Number 6 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	3.45 ng/ul	379145	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
2	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
5	O-Isopropyl,O-1,2,2-trimethylpro...	222	C10H23O3P	092411-67-1	14





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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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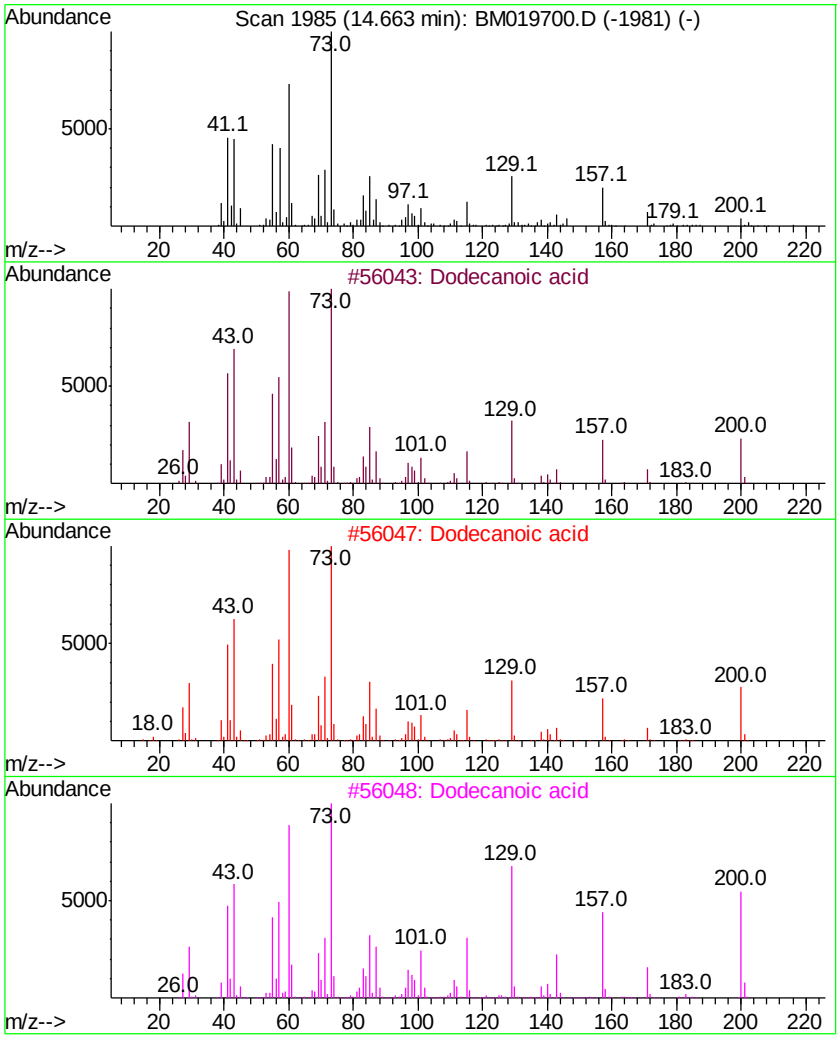
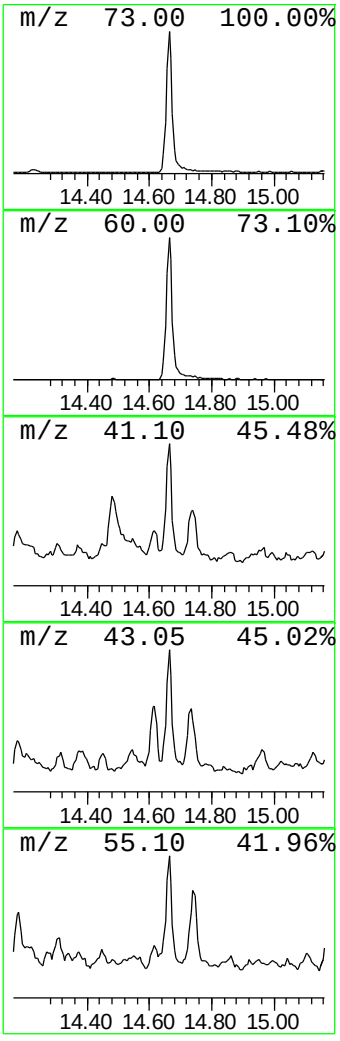
Peak Number 7 Dodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.84 ng/ul	641597	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





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ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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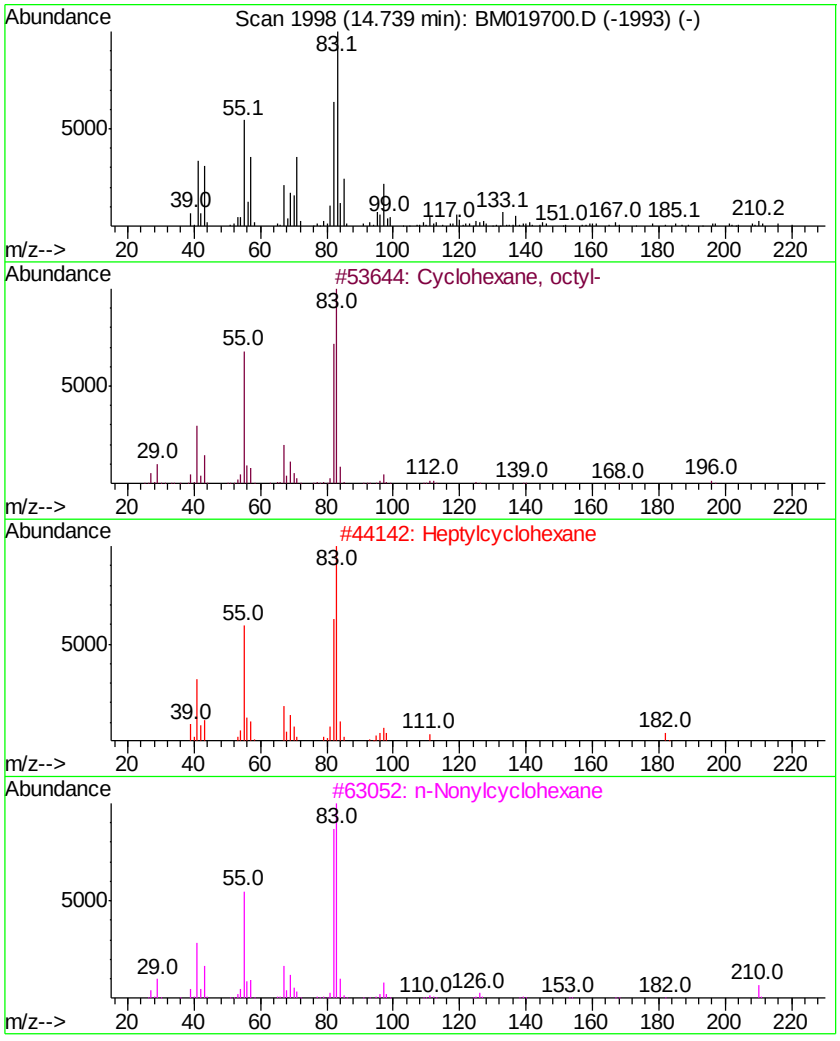
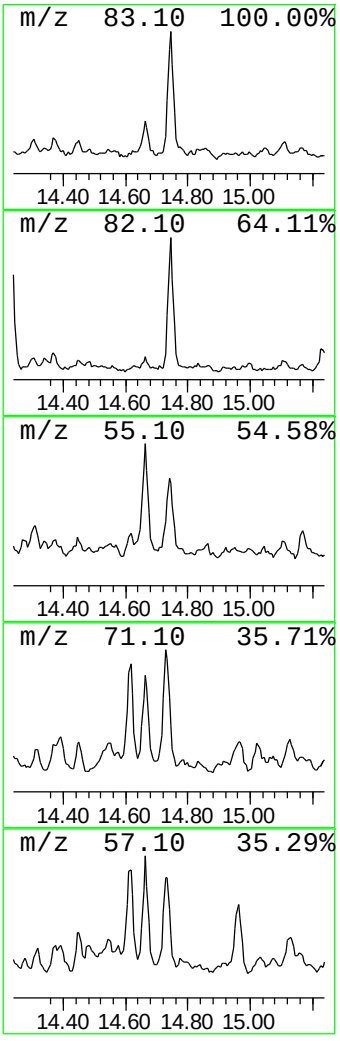
Peak Number 8 (DEL) Alkane: Cyclic14.74 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.99 ng/ul	328007	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	70
2	Heptylcyclohexane	182	C13H26	005617-41-4	53
3	n-Nonylcyclohexane	210	C15H30	002883-02-5	53
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	50





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Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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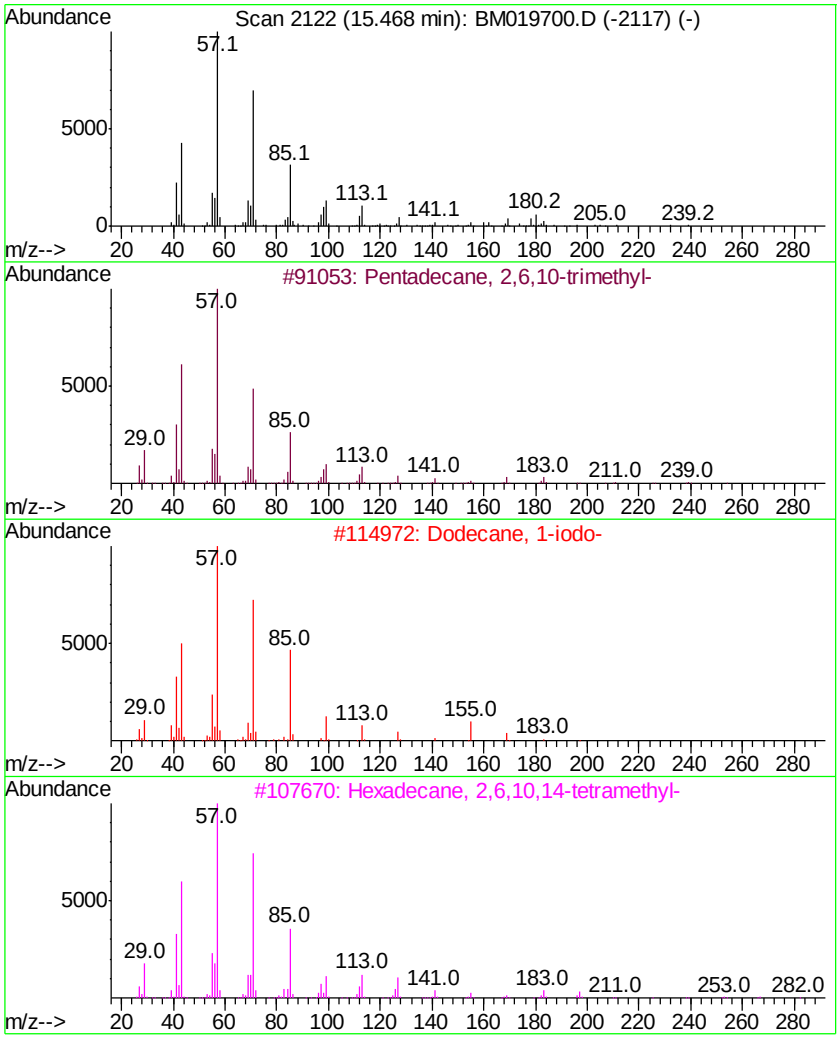
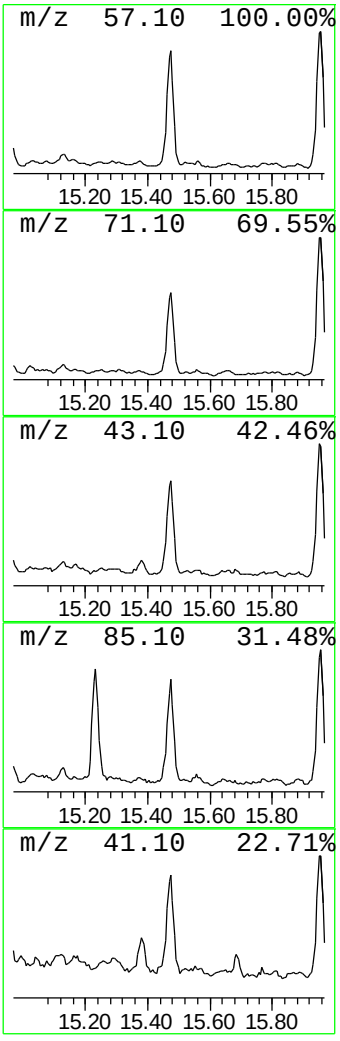
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.61 ng/ul	615799	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Nonacosane	408	C29H60	000630-03-5	72
5	Eicosane	282	C20H42	000112-95-8	64





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Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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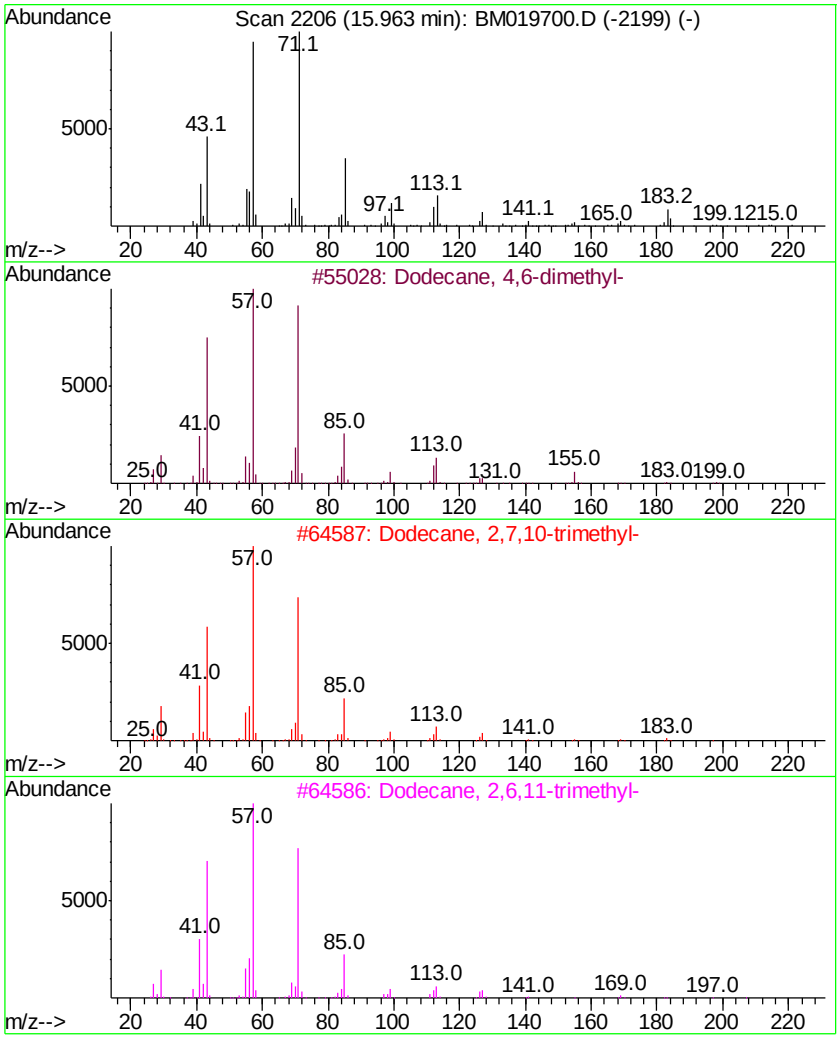
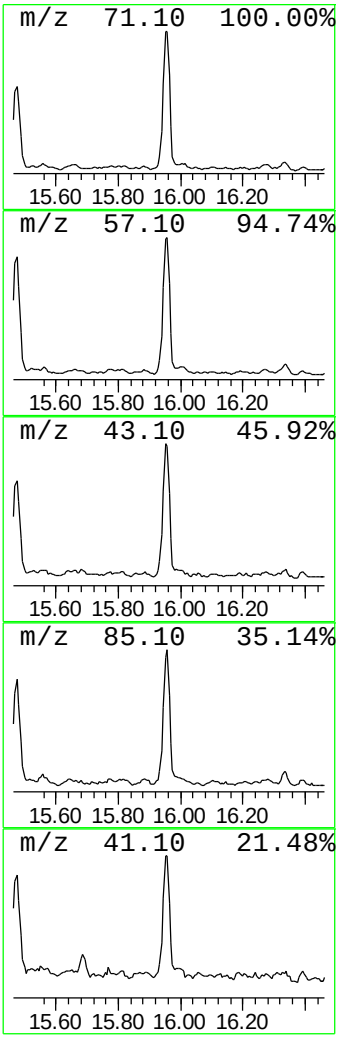
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.53 ng/ul	747805	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59





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Quant Title : SVOA CALIBRATION

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

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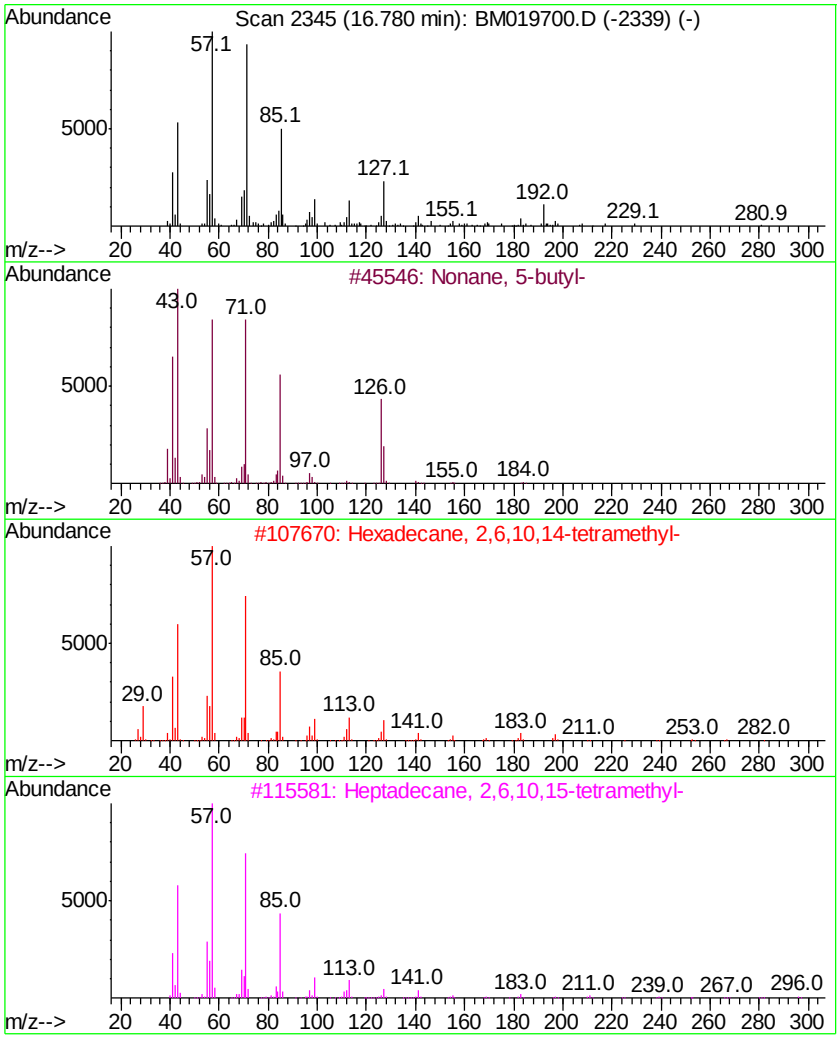
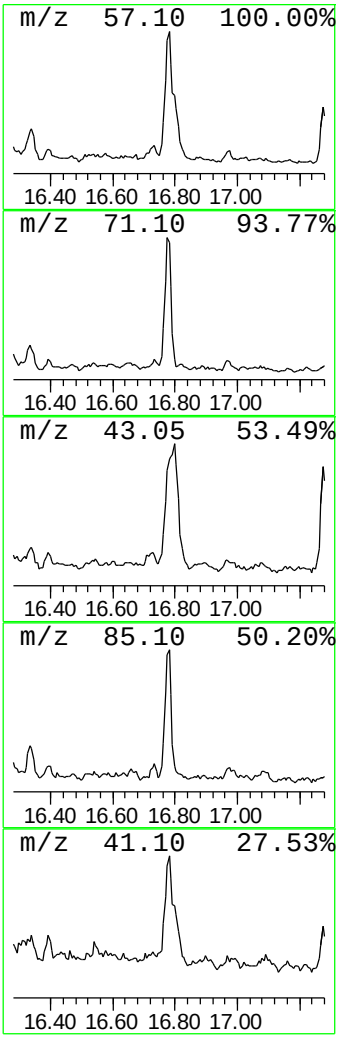
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	3.90 ng/ul	526906	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64





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Sample : K2148-12
Misc :
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ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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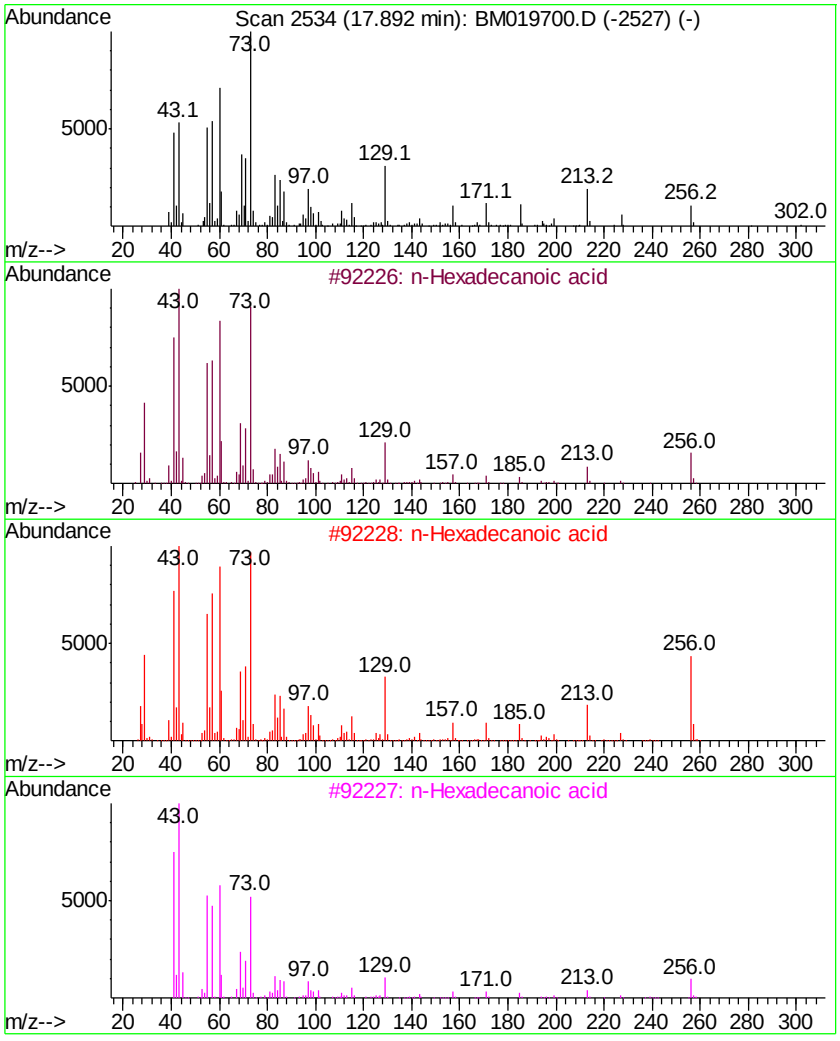
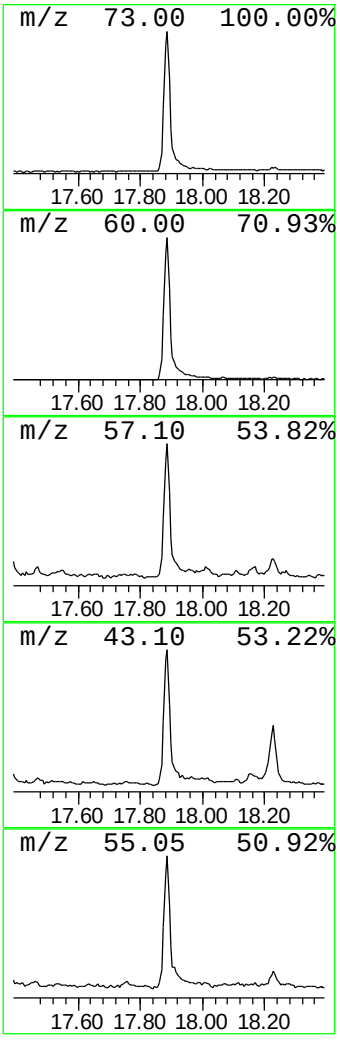
Peak Number 12 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	6.97 ng/ul	942474	Phenanthrene-d10	16.99

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	49





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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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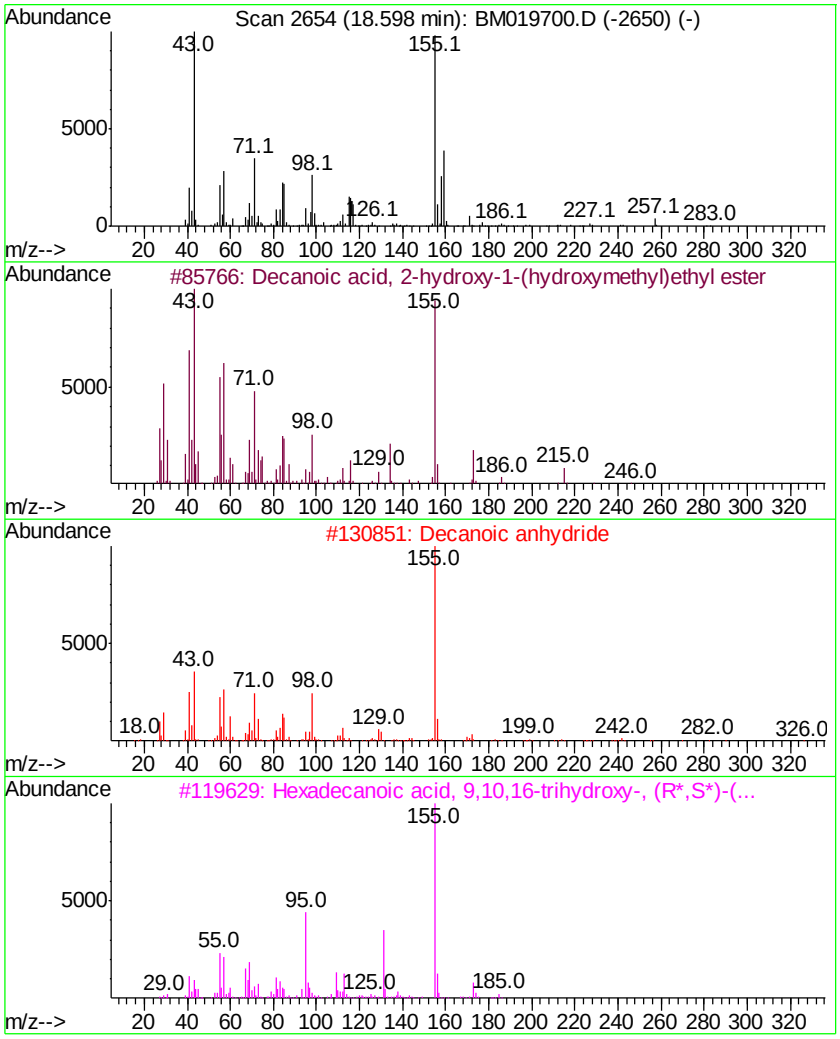
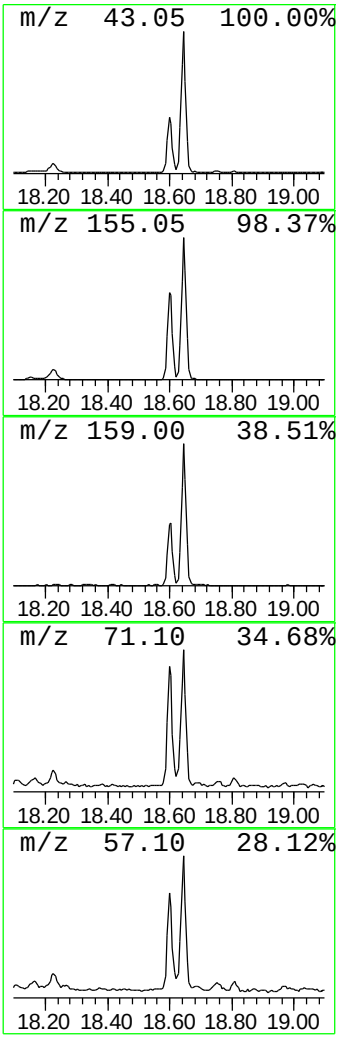
Peak Number 13 Decanoic acid, 2-hydroxy-1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	5.92 ng/ul	800696	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	50
2	Decanoic anhydride	326	C20H38O3	002082-76-0	37
3	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	27
4	10-Nonadecanone	282	C19H38O	000504-57-4	25
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	22





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Quant Title : SVOA CALIBRATION

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

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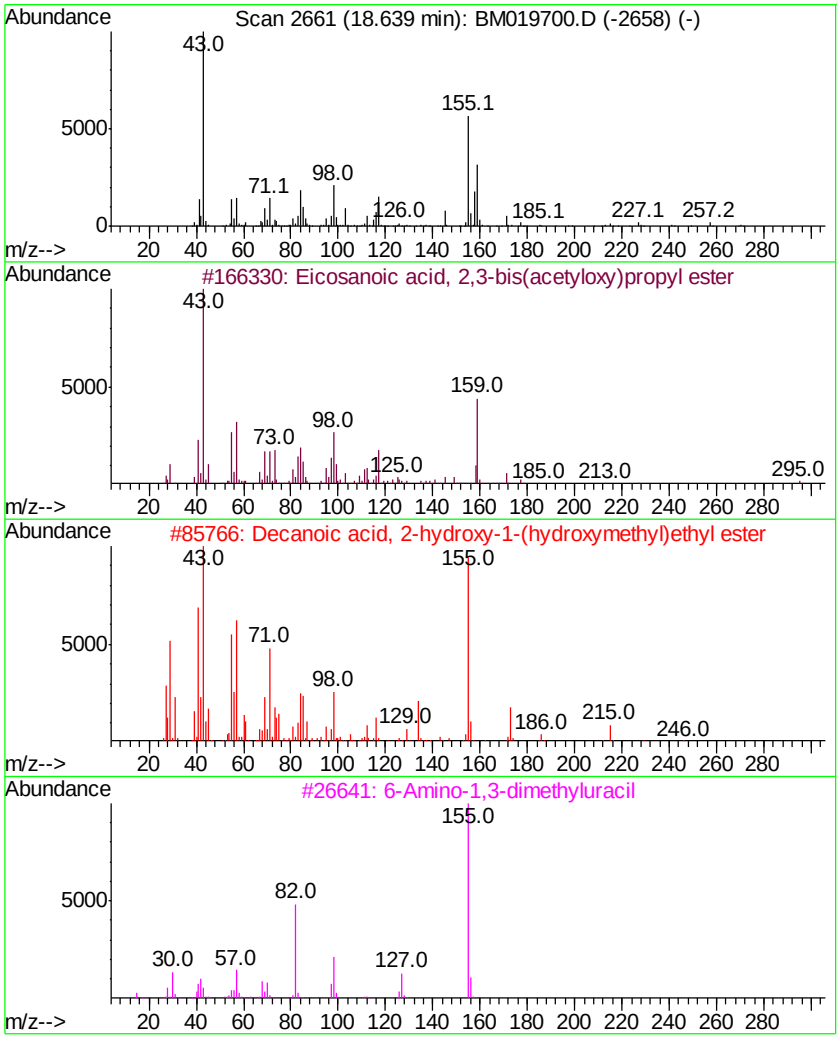
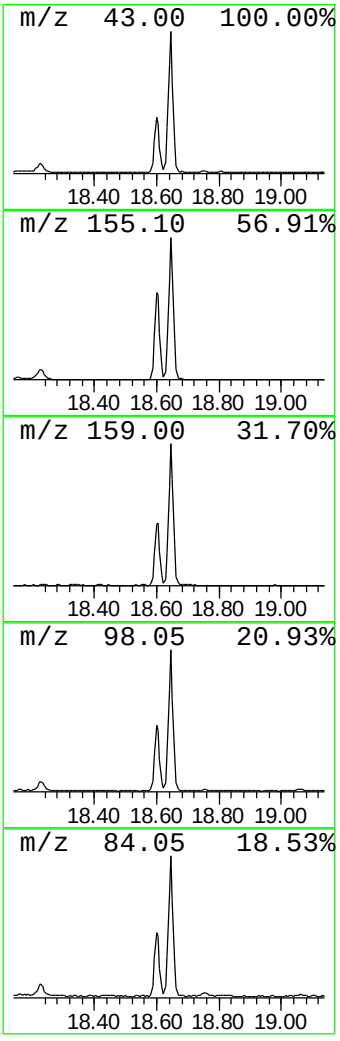
Peak Number 14 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	10.85 ng/ul	1467410	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	38
2	Decanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester	246	C13H26O4	003376-48-5	23
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	22
4	Decanoic anhydride	326	C20H38O3	002082-76-0	16
5	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	12





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Quant Title : SVOA CALIBRATION

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

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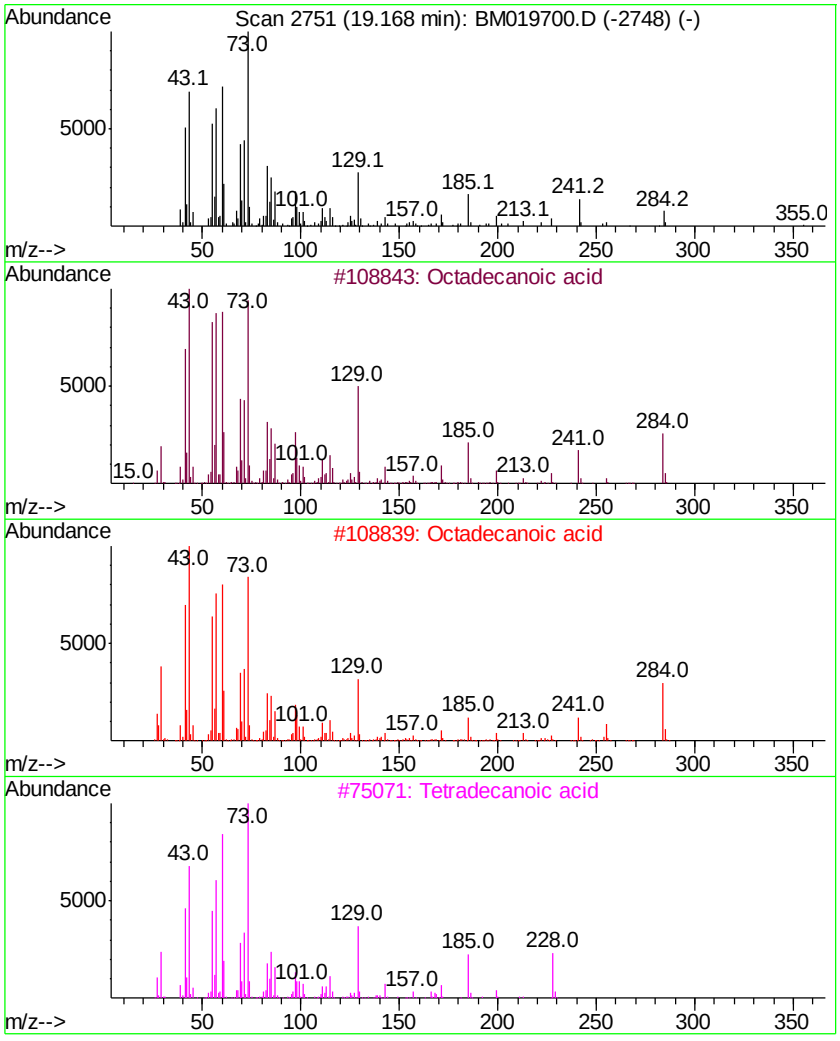
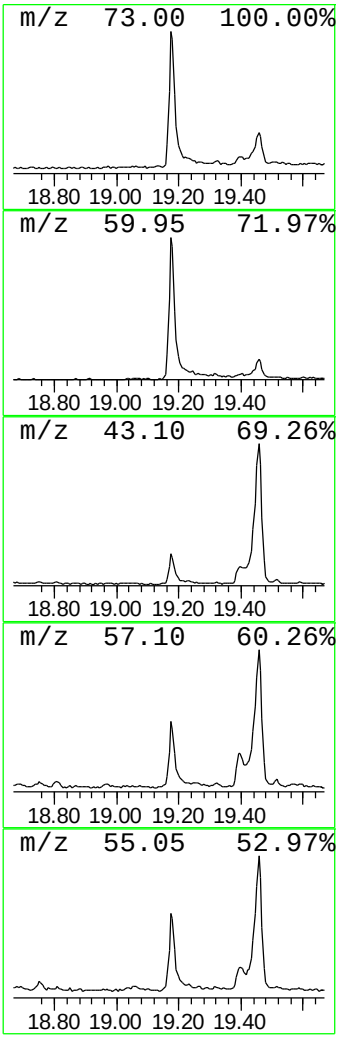
Peak Number 15 Octadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.94 ng/ul	666070	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	86





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Quant Title : SVOA CALIBRATION

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

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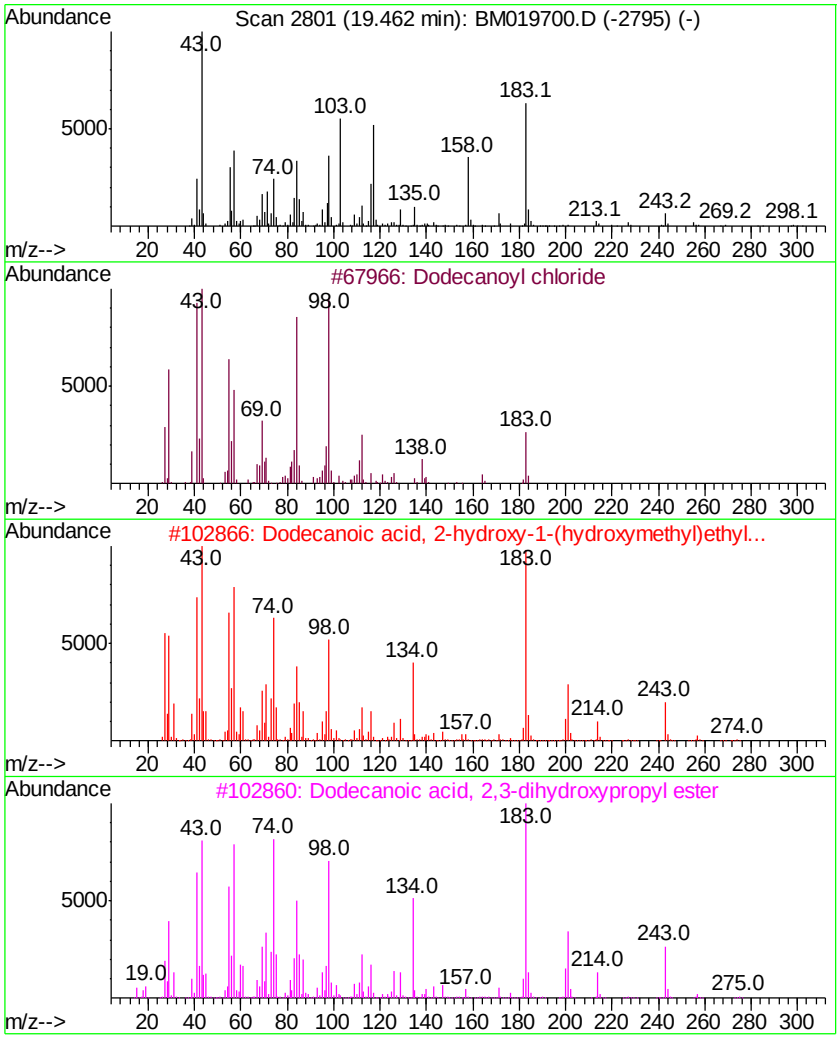
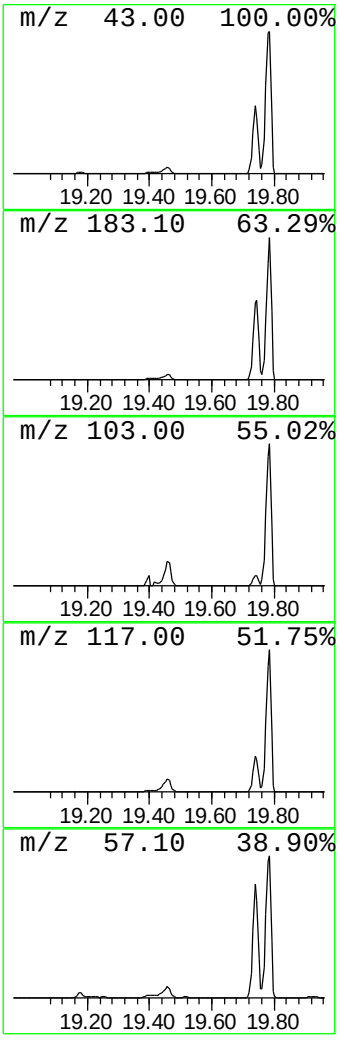
Peak Number 16 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	11.96 ng/ul	2021720	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	17
3	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	12
4	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	10
5	Hexanoic acid, decyl ester	256	C16H32O2	052363-43-6	10





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Quant Title : SVOA CALIBRATION

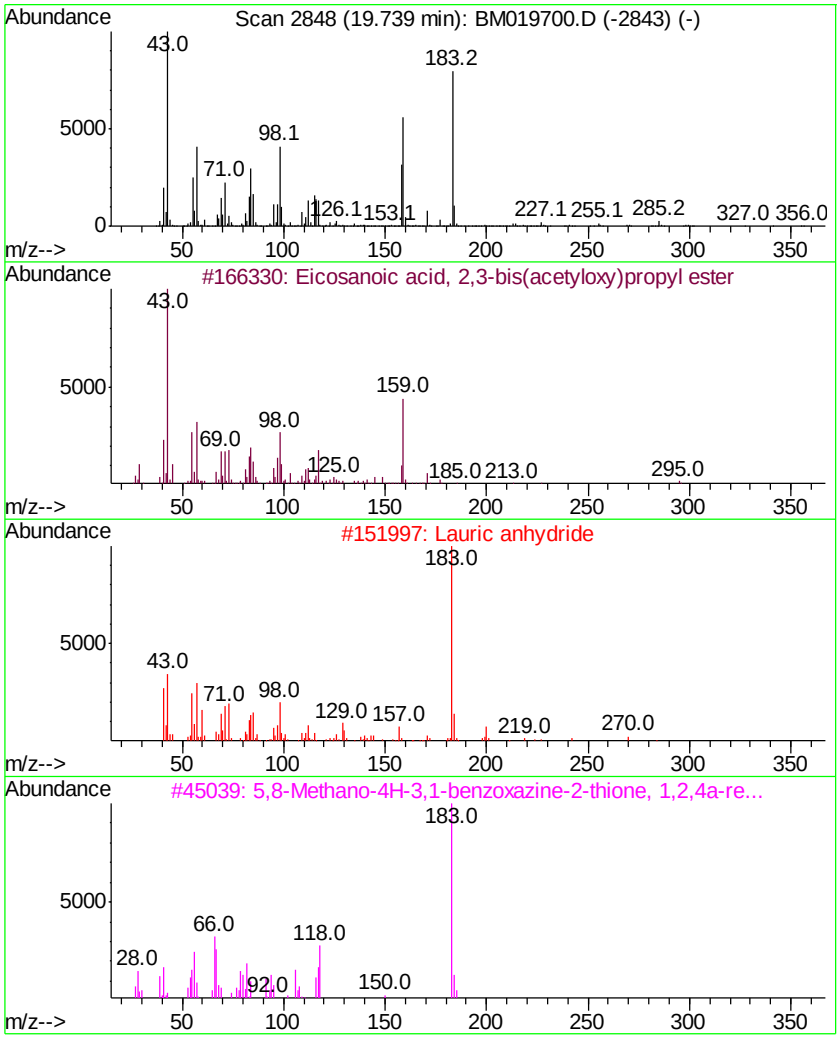
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

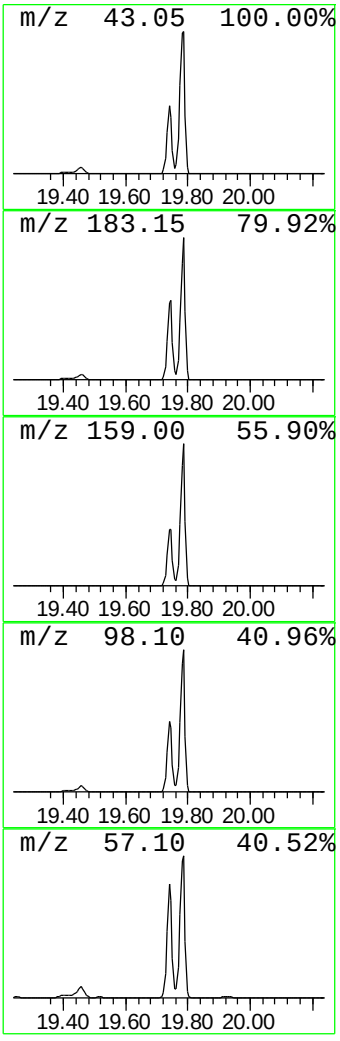
****

Peak Number 17 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	80.77 ng/ul	13650600	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
2	Lauric anhydride	382	C24H46O3	000645-66-9	32
3	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	27
4	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	22
5	6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	22





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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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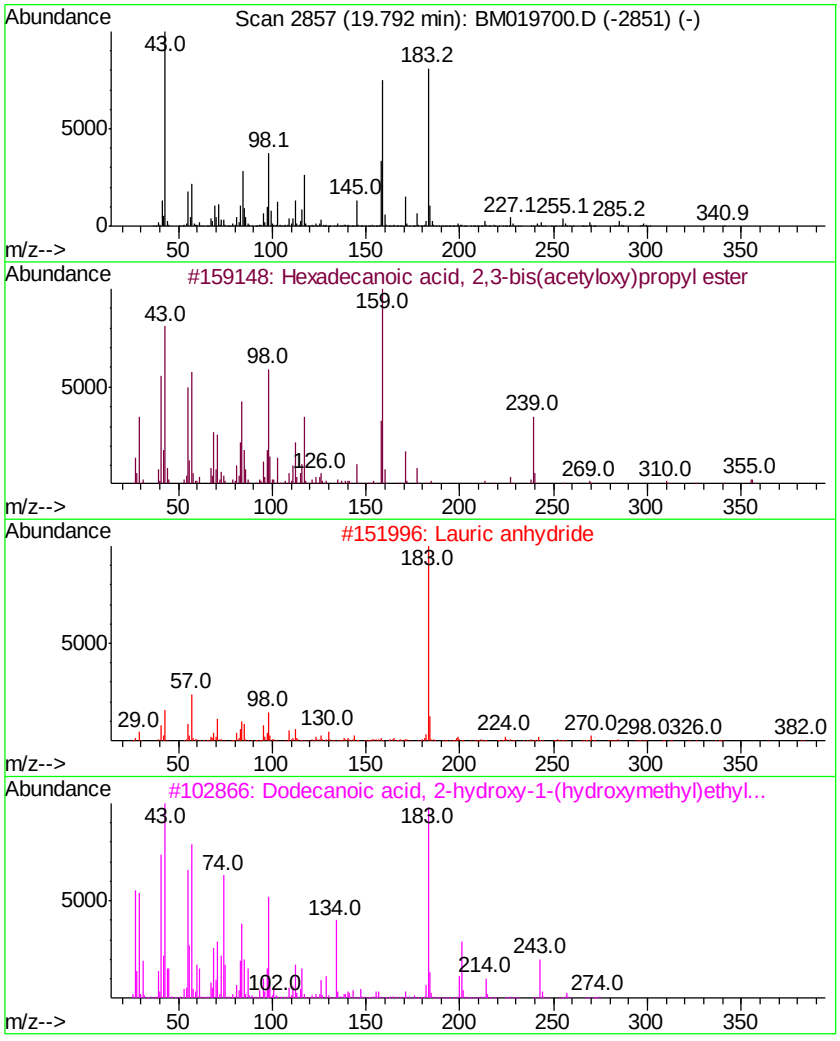
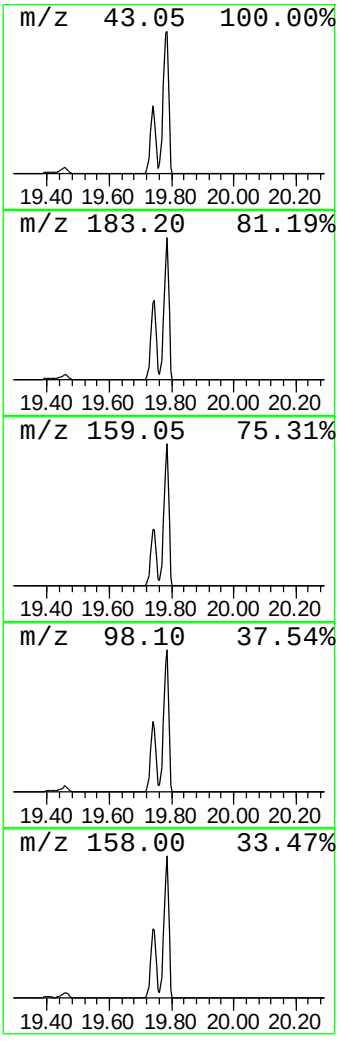
Peak Number 18 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	154.55 ng/ul	26118100	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	38
2	Lauric anhydride	382	C24H46O3	000645-66-9	37
3	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	37
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
5	Lauric anhydride	382	C24H46O3	000645-66-9	14





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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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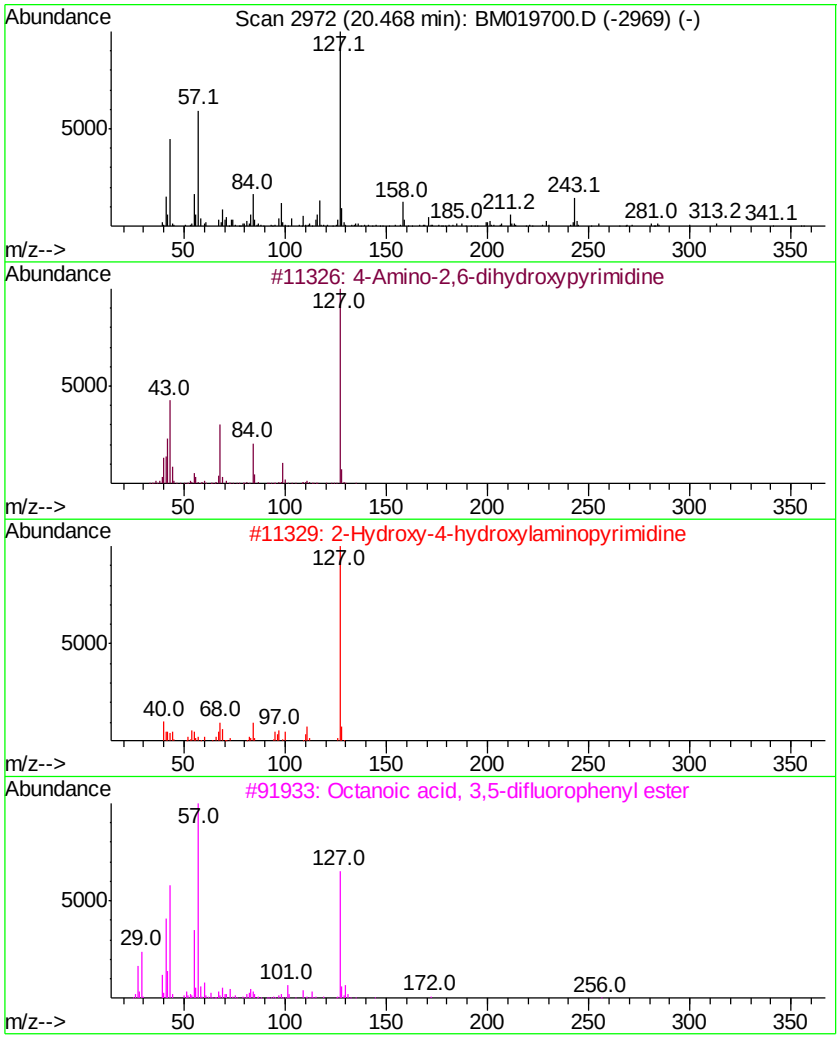
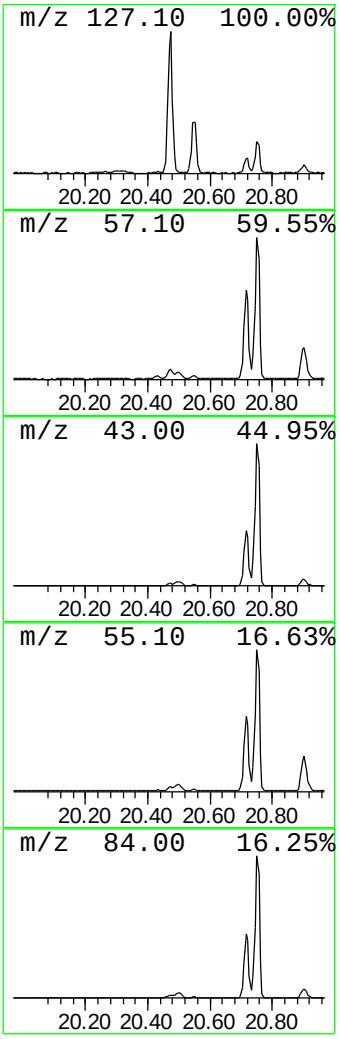
Peak Number 19 unknown-06 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	2.28 ng/ul	385424	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	47
2	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	47
3	Octanoic acid, 3,5-difluorophenyl...	256	C14H18F2O2	1000293-62-4	47
4	1H-Imidazole, 4-methyl-5-nitro-	127	C4H5N3O2	014003-66-8	43
5	2(1H)-Pyridinethione, 3-hydroxy-	127	C5H5NOS	023003-22-7	43





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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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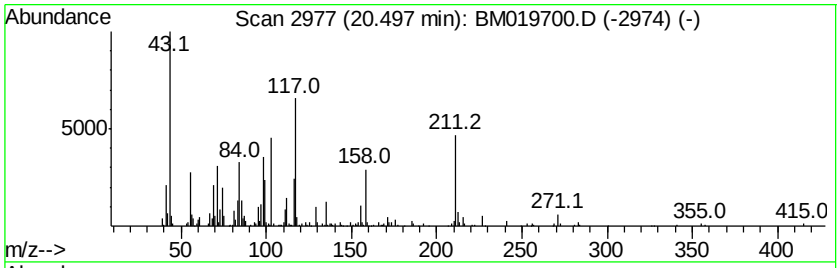
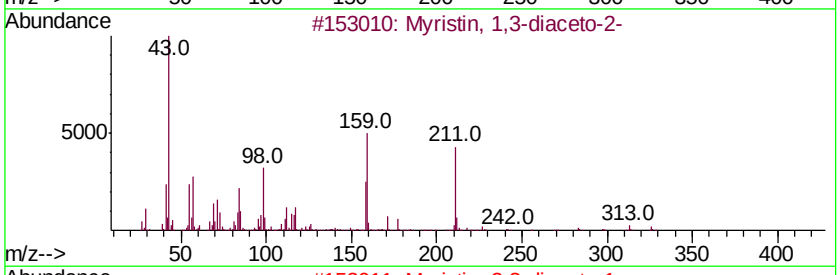
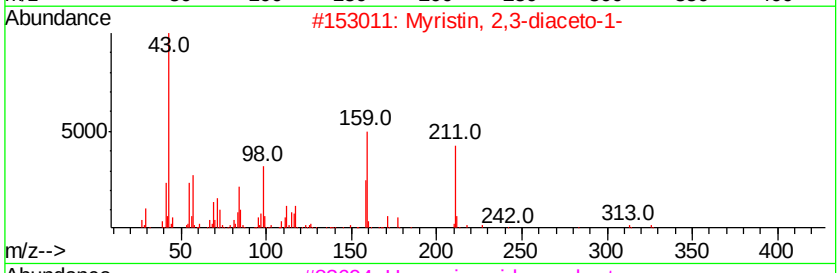
Peak Number 20 unknown-07 Concentration Rank 22

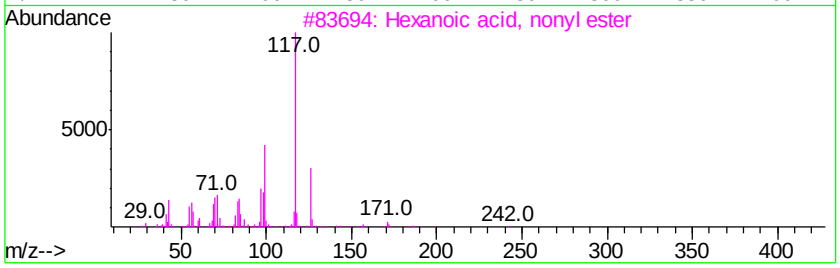
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.27 ng/ul	722239	Chrysene-d12	21.20

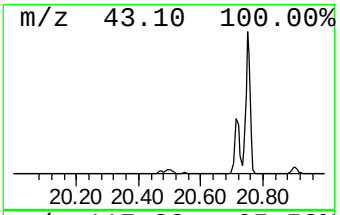
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	46
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	12
3	Hexanoic acid, nonyl ester	242	C15H30O2	101452-99-7	12
4	Hexanoic acid, hexadecyl ester	340	C22H44O2	014331-11-4	12
5	Octanoic acid, 3-oxo-, methyl ester	172	C9H16O3	022348-95-4	11

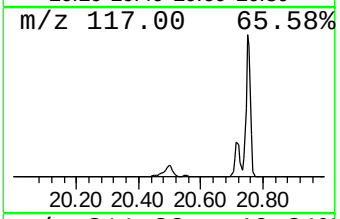


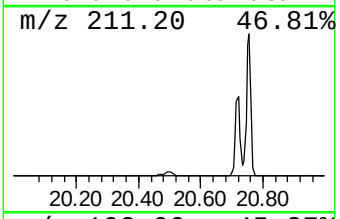


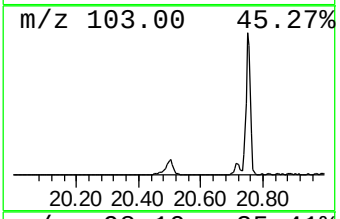


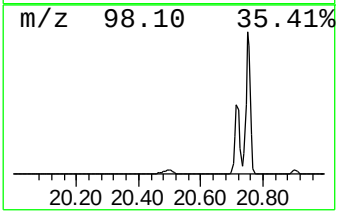












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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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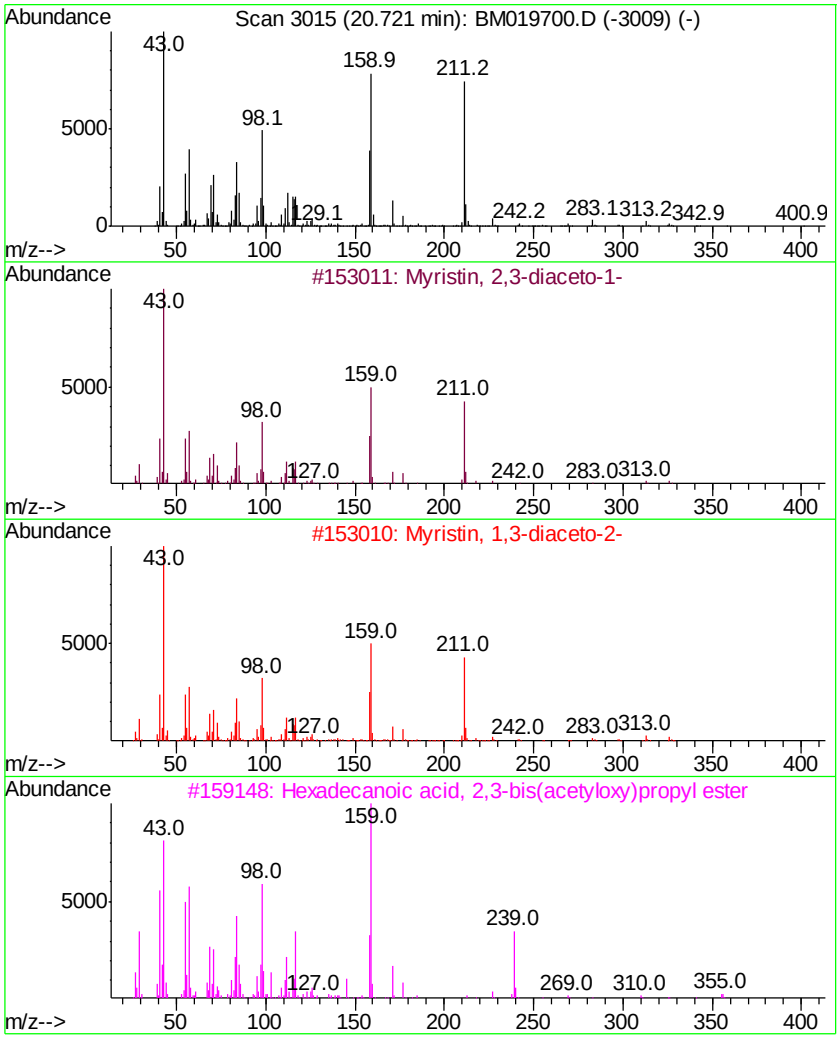
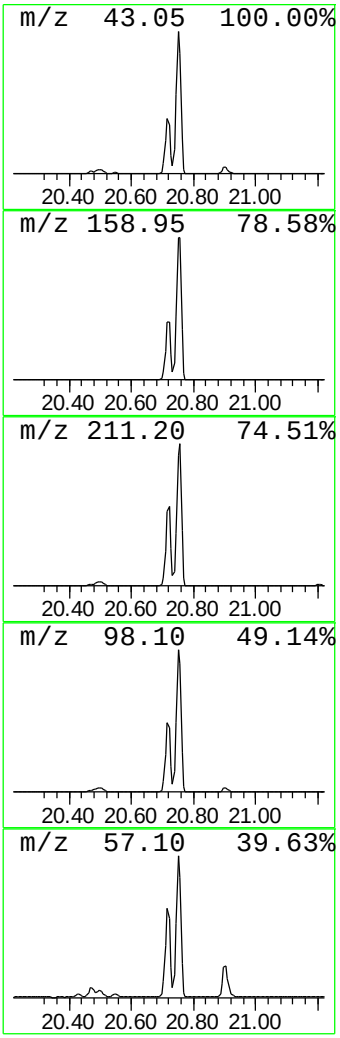
Peak Number 21 Myristin, 2,3-diaceto-1- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	41.67 ng/ul	7042320	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	62
4	6,7-Dihydro-2-dimethylamino-8-me...	211	C8H13N5O2	079845-30-0	30
5	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	25





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Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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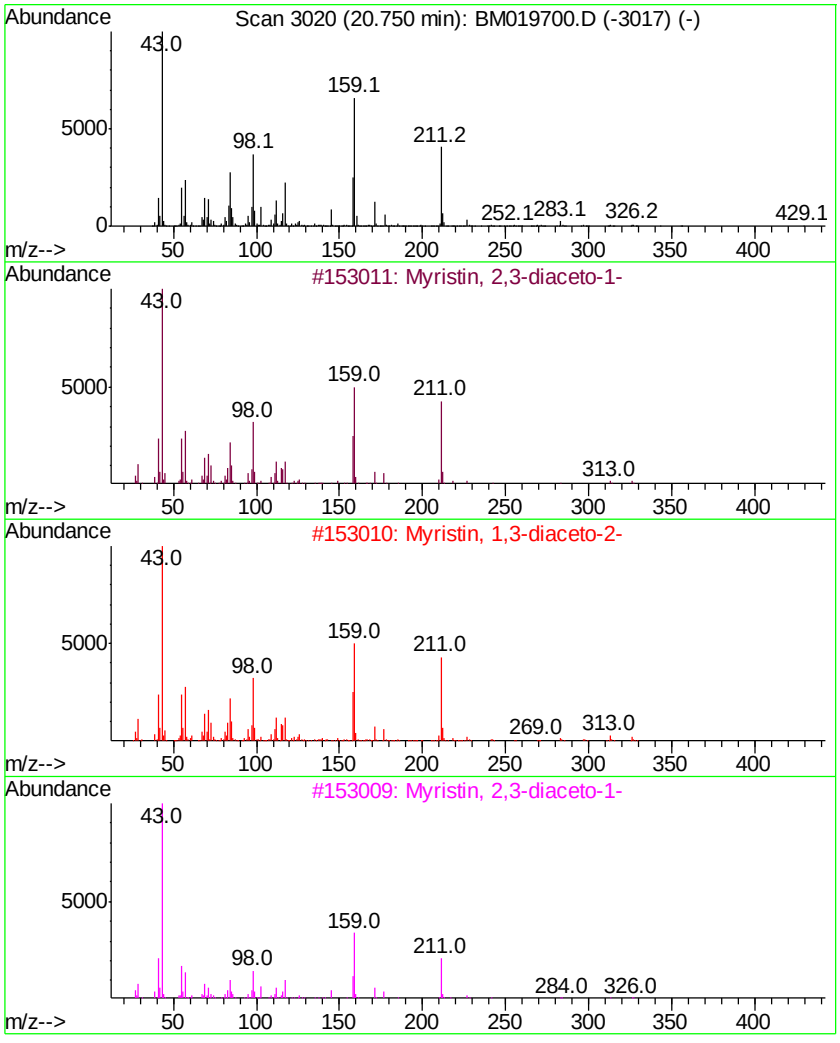
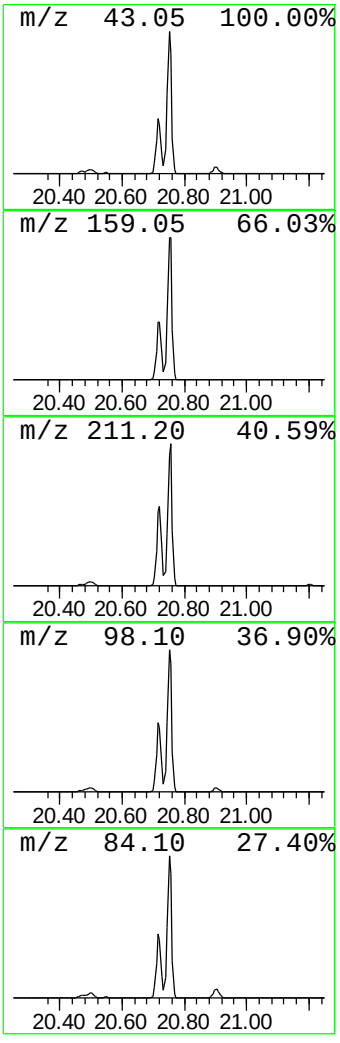
Peak Number 22 Myristin, 1,3-diaceto-2- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	80.88 ng/ul	13668700	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	90
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	87
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	83
4	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	70
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	14





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Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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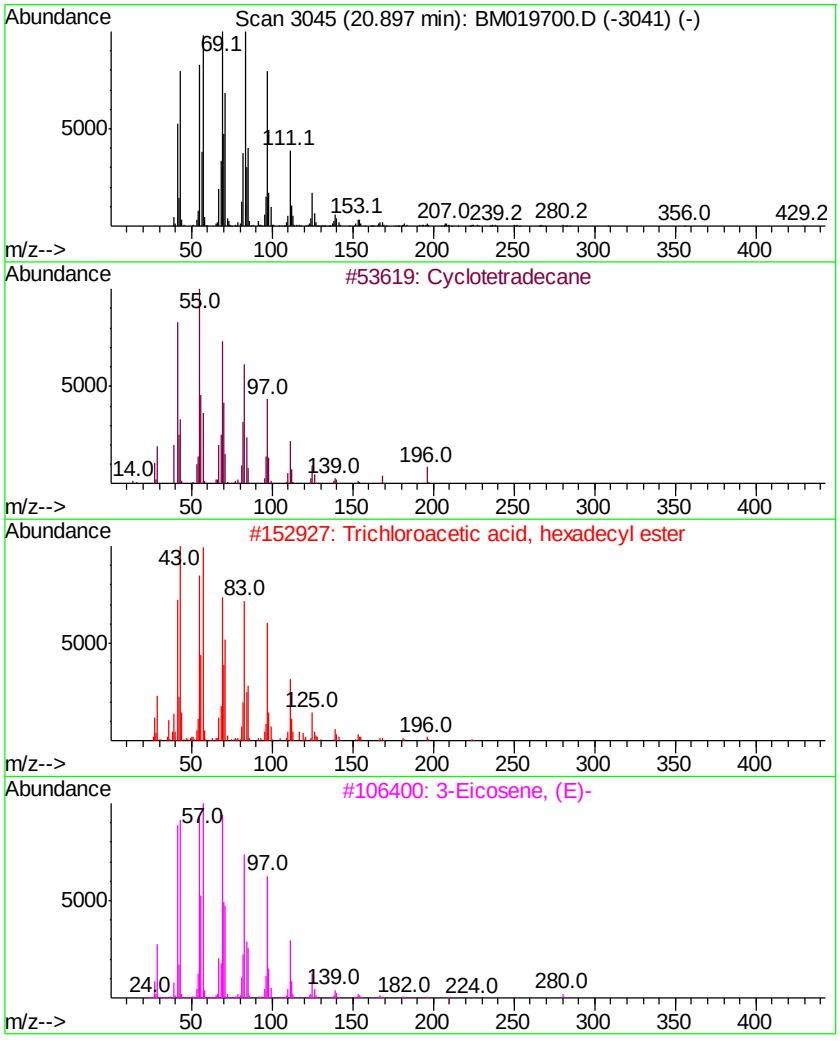
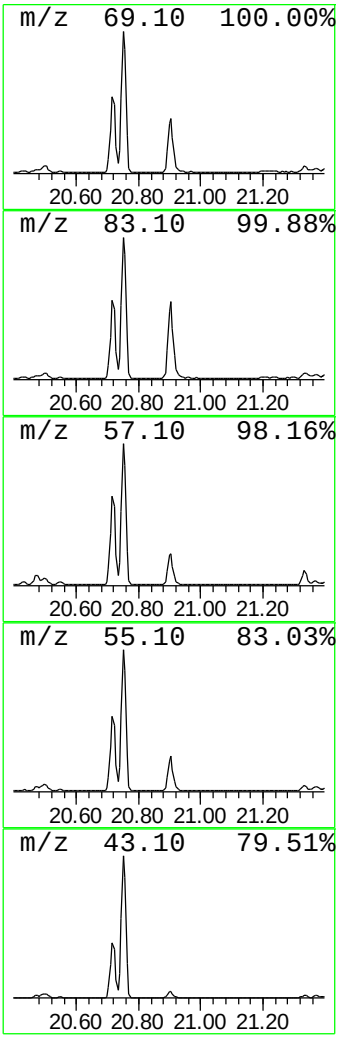
Peak Number 23 (DEL) Alkane: Cyclic20.90 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	10.09 ng/ul	1705820	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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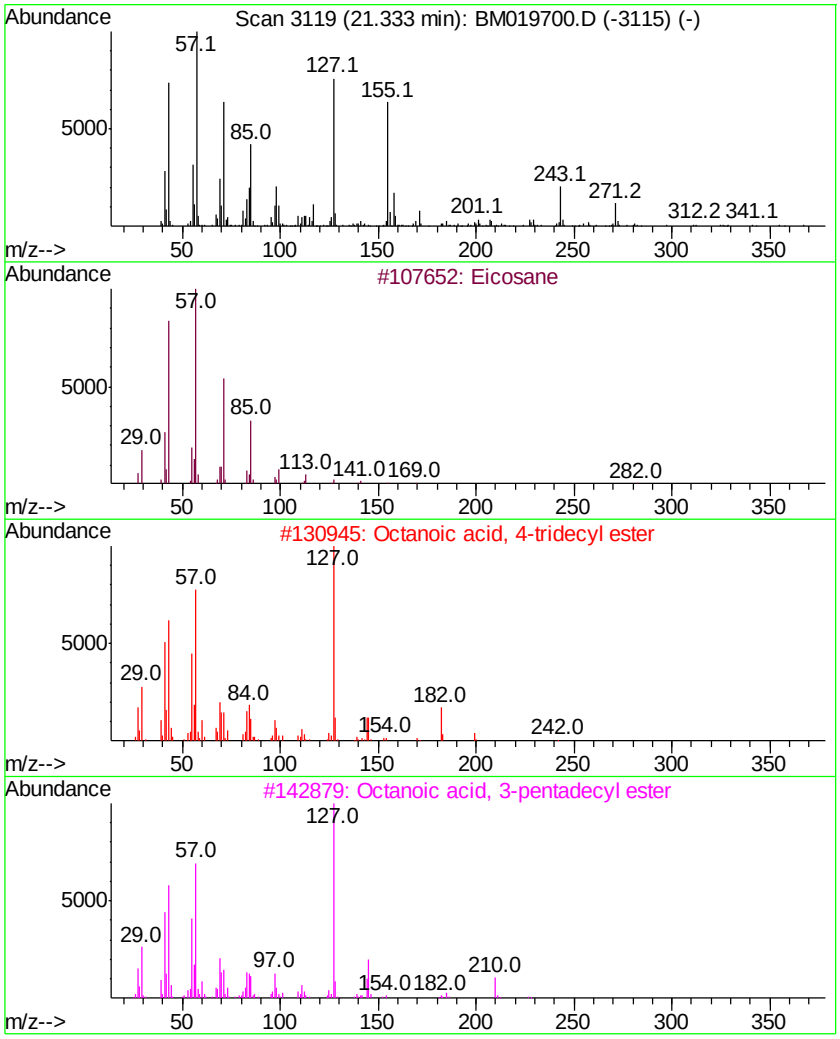
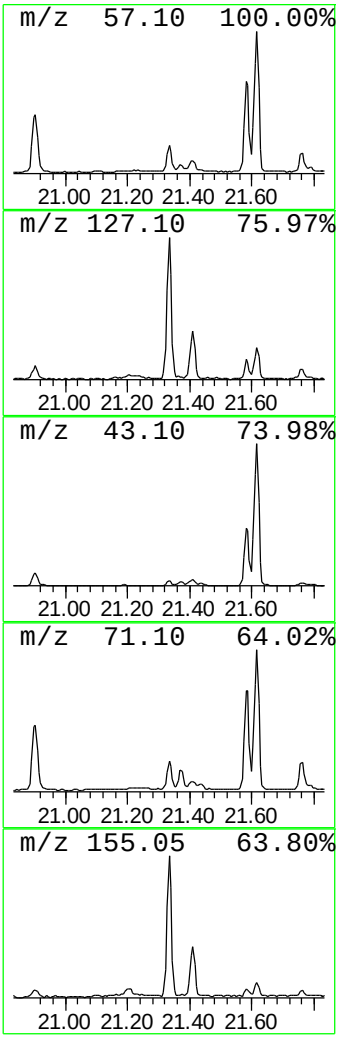
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.94 ng/ul	497534	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Octanoic acid, 4-tridecyl ester	326	C21H42O2	1000280-62-6	22
3	Octanoic acid, 3-pentadecyl ester	354	C23H46O2	1000280-63-1	22
4	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	22
5	Tetradecane	198	C14H30	000629-59-4	18





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Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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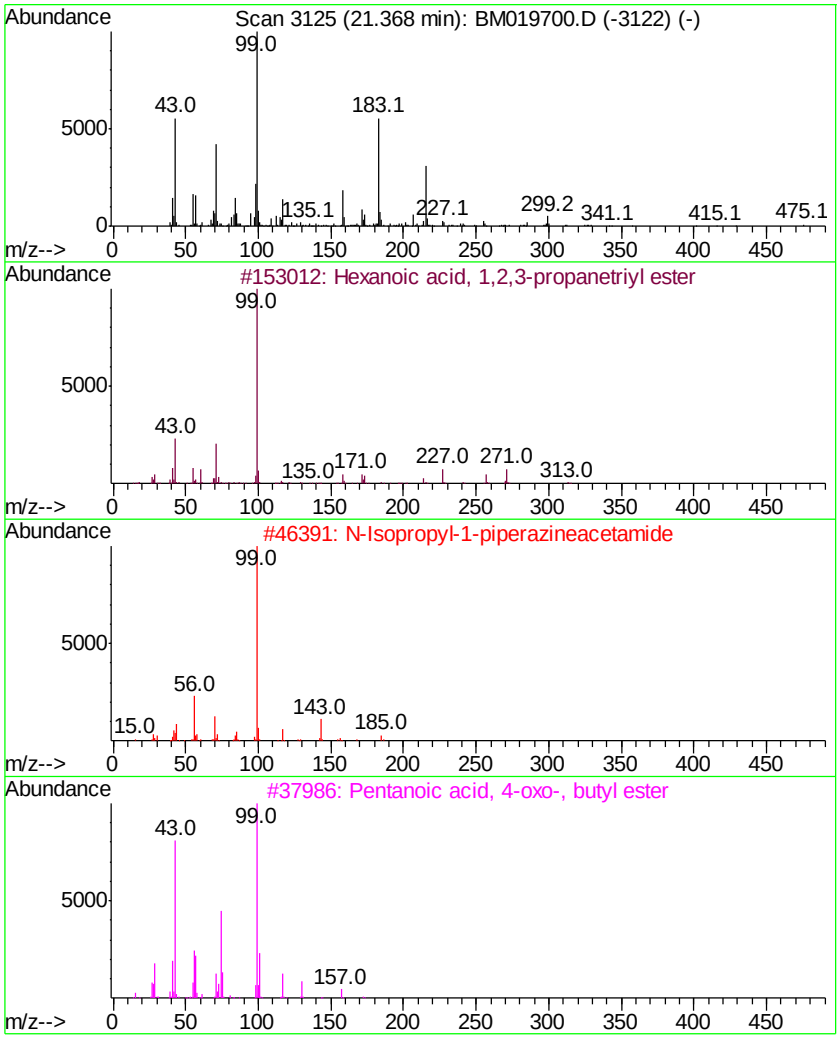
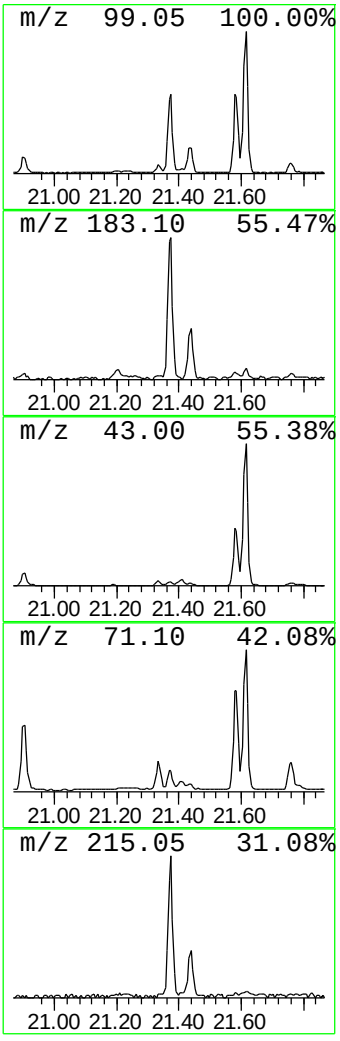
Peak Number 25 unknown-08 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.03 ng/ul	343382	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 1,2,3-propanetriy...	386	C21H38O6	000621-70-5	27
2	N-Isopropyl-1-piperazineacetamide	185	C9H19N3O	039890-42-1	27
3	Pentanoic acid, 4-oxo-, butyl ester	172	C9H16O3	002052-15-5	27
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	22
5	Guanidineacetic acid	117	C3H7N3O2	000352-97-6	22





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Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

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

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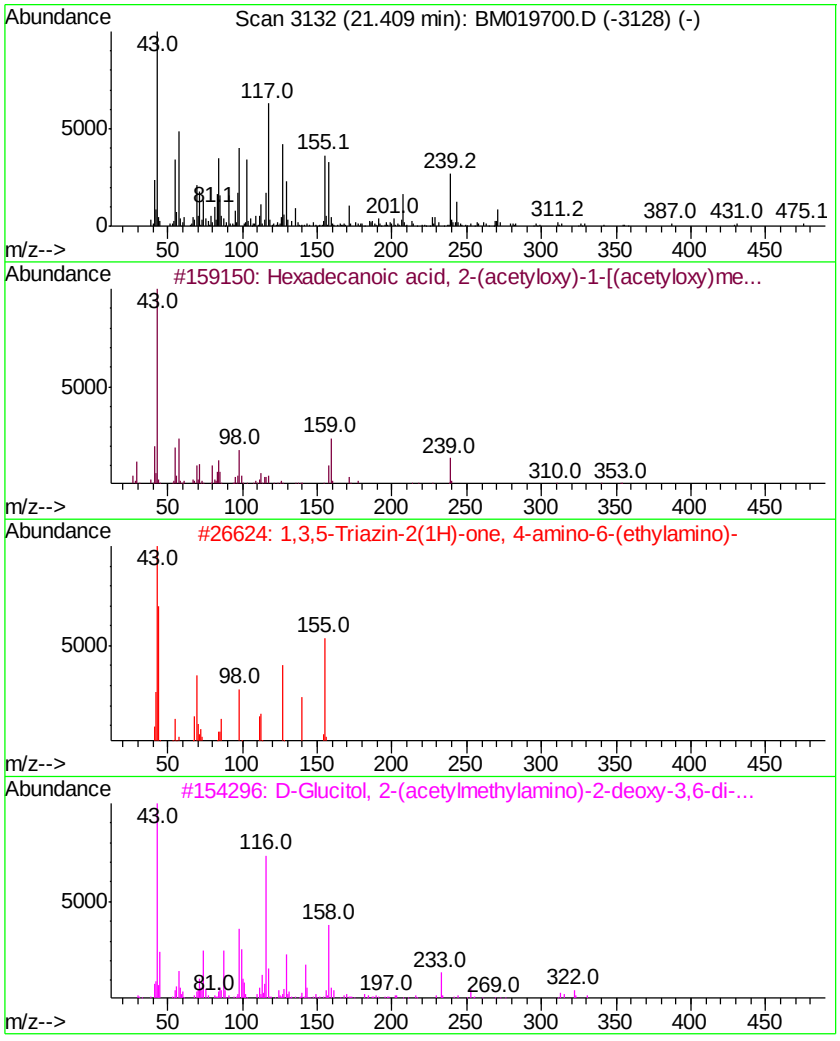
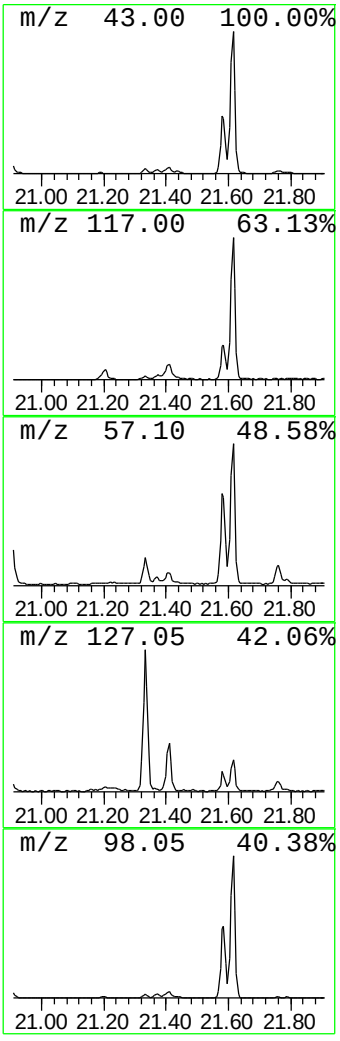
Peak Number 26 unknown-09 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.21 ng/ul	373961	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	27
2	1,3,5-Triazin-2(1H)-one, 4-amino...	155	C5H9N5O	007313-54-4	16
3	D-Glucitol, 2-(acetylmethylamino...	391	C17H29NO9	052959-68-9	12
4	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	11
5	Hexadecanoic acid, 1-(hydroxymet...	569	C35H68O5	000761-35-3	10





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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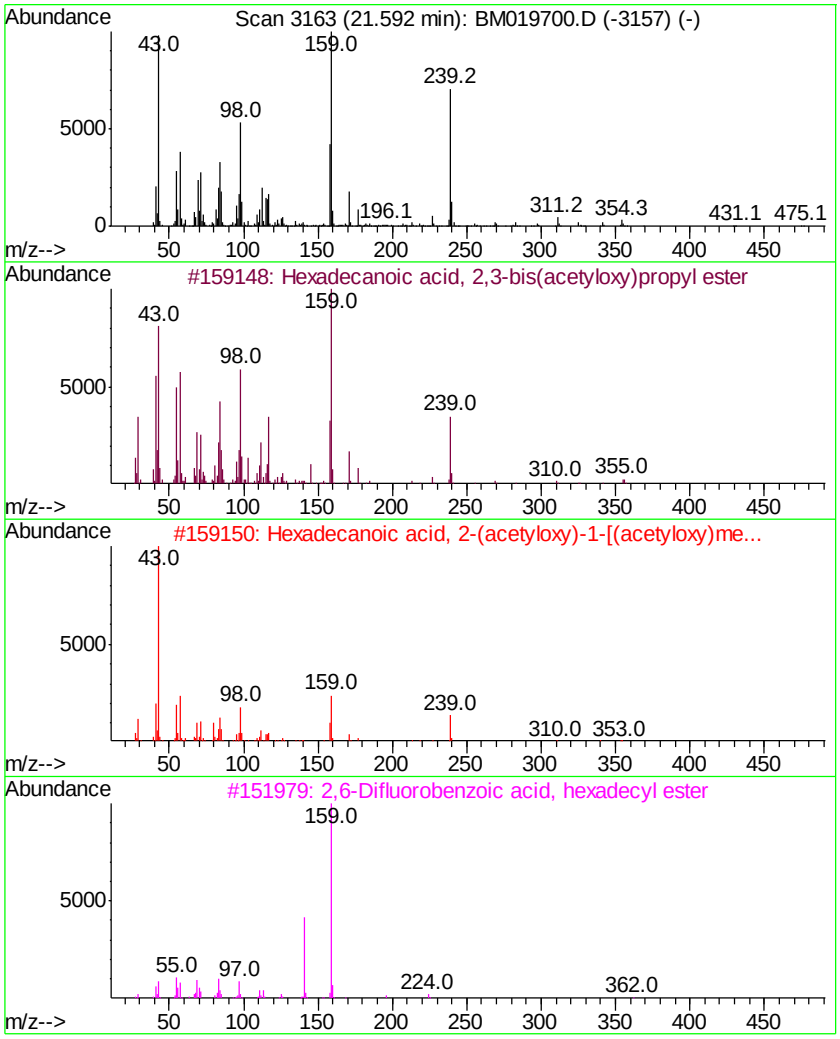
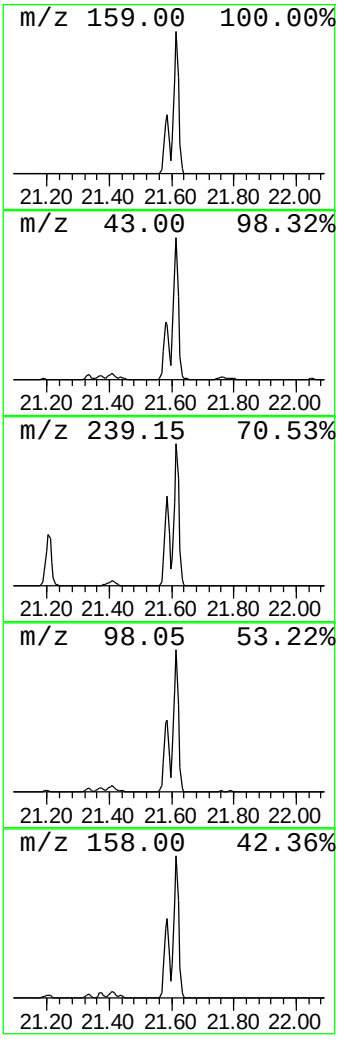
Peak Number 27 Hexadecanoic acid, 2,3-bis(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	23.98 ng/ul	4052100	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	83
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	58
3	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	22
4	Palmitoyl chloride	274	C16H31ClO	000112-67-4	16
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	16





Library Search Compound Report

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Data File : BM019700.D
Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

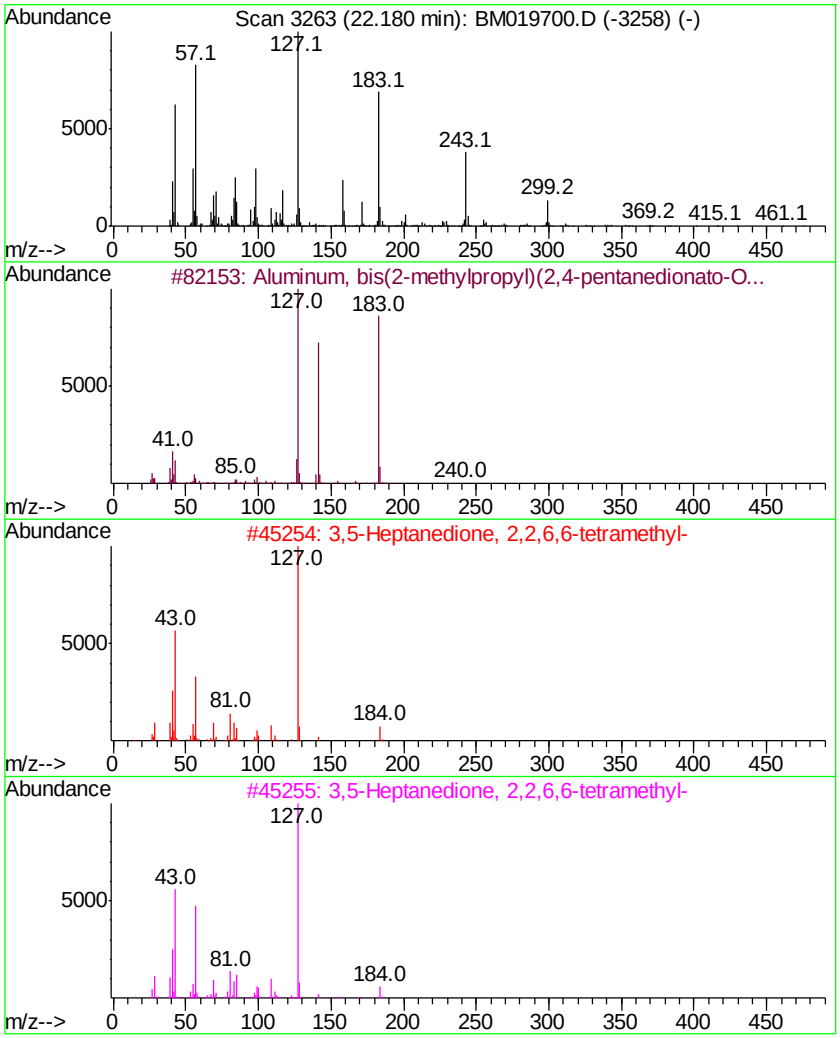
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

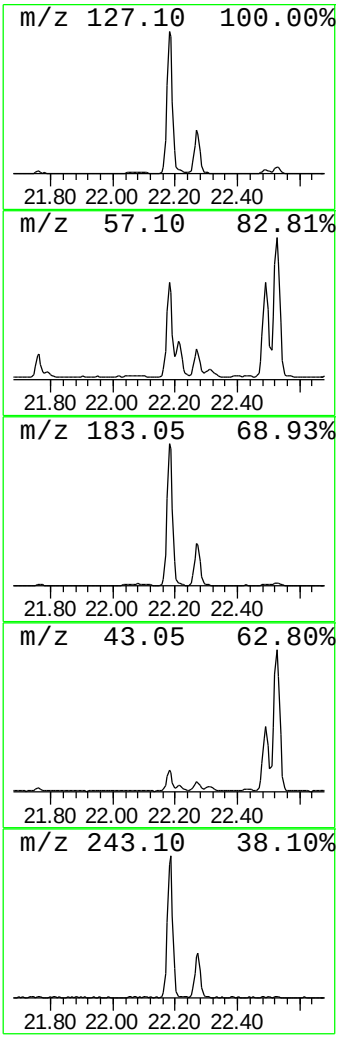
****

Peak Number 29 unknown-10 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	11.72 ng/ul	1980610	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aluminum, bis(2-methylpropyl)(2,...	240	C13H25AlO2	014241-84-0	38
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	30
3	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	30
4	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	30
5	1,3-Dimethylbutyl isopropylphosp...	210	C9H20FO2P	1000298-25-6	27





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Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

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Quant Title : SVOA CALIBRATION

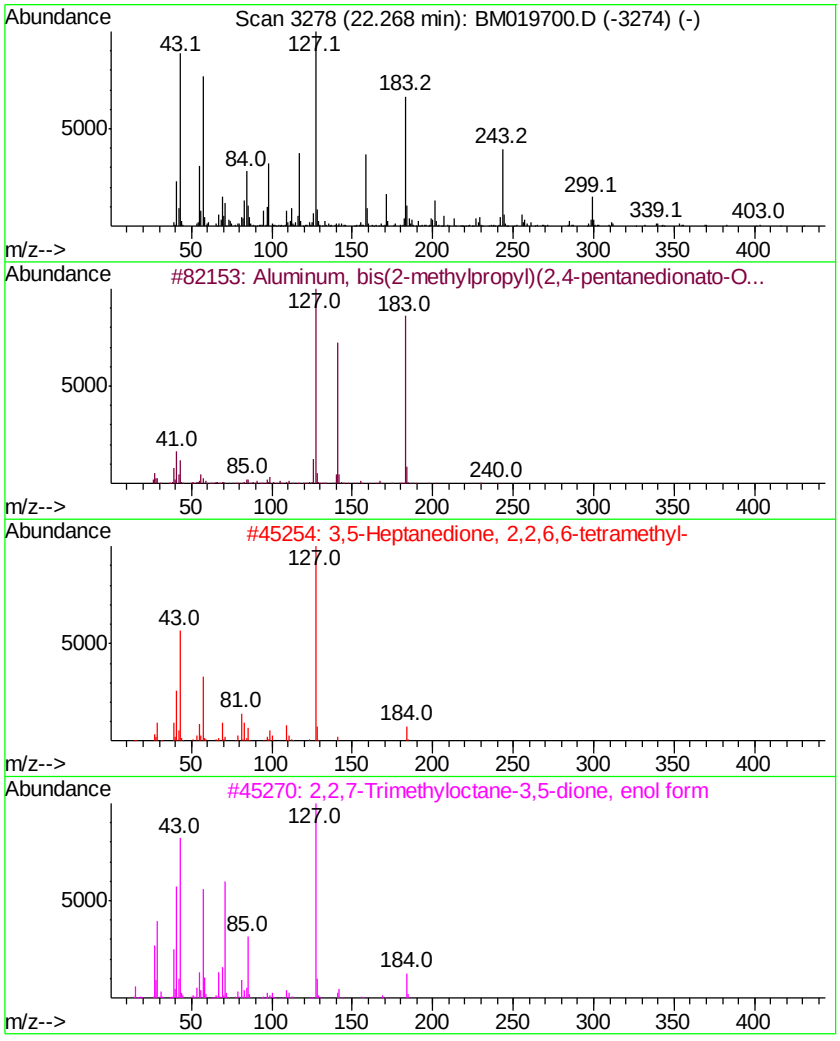
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

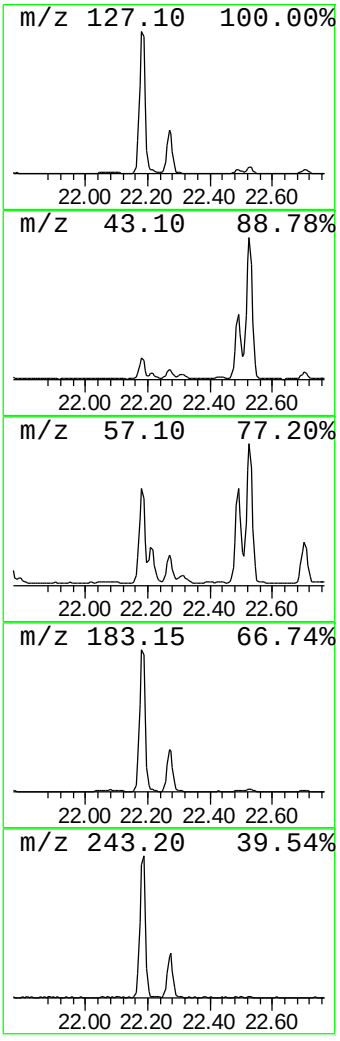
****

Peak Number 30 unknown-11 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.80 ng/ul	642312	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aluminum, bis(2-methylpropyl)(2,...	240	C13H25AlO2	014241-84-0	32
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25
3	2,2,7-Trimethyloctane-3,5-dione,...	184	C11H20O2	1000202-25-0	25
4	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	22
5	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	22





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Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

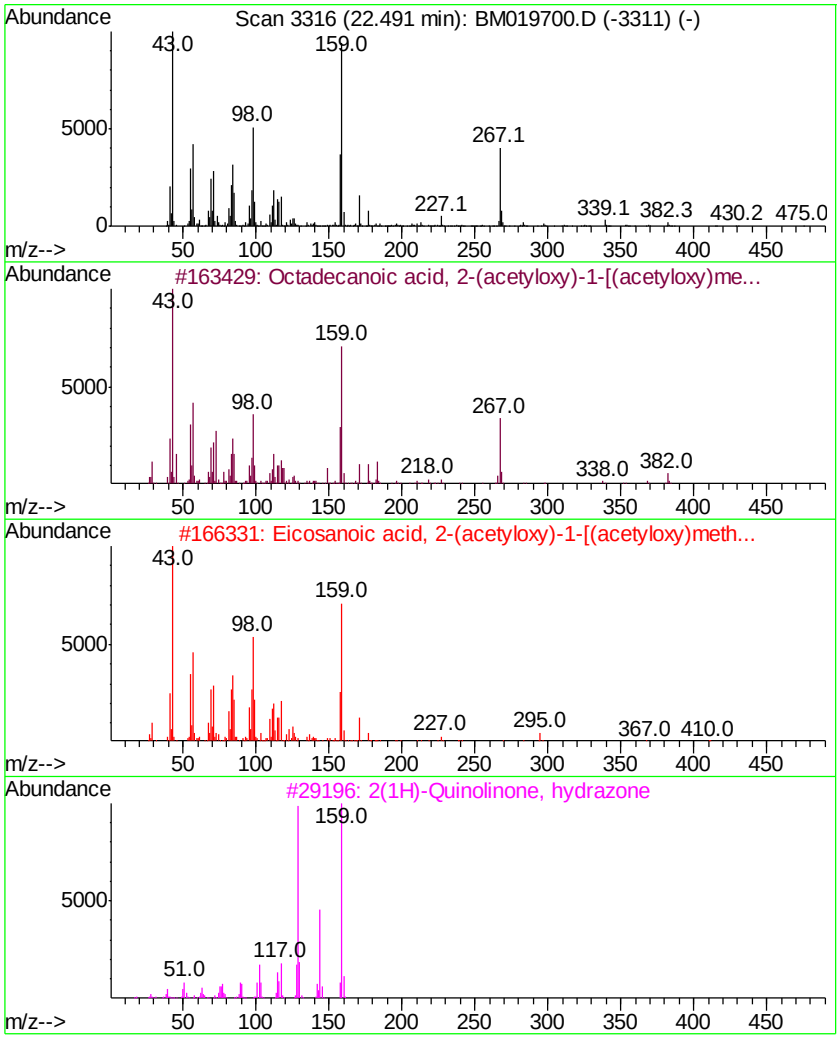
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

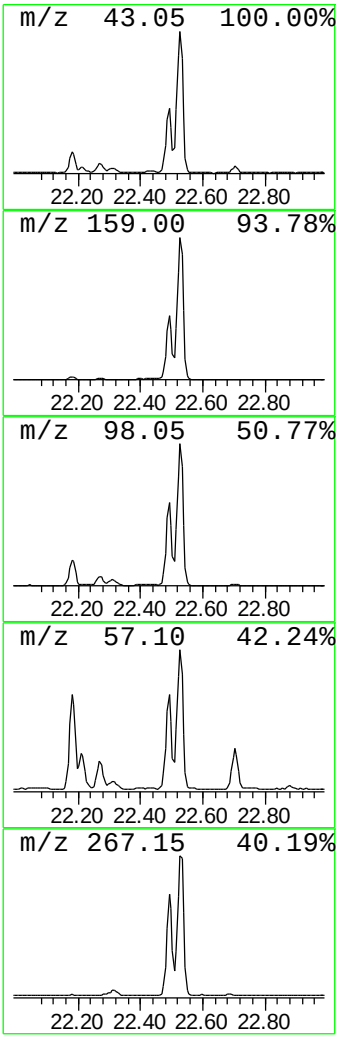
****

Peak Number 31 Octadecanoic acid, 2-(acety... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	25.56 ng/ul	3934250	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	91
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	38
3	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	27
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	27
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	22





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Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

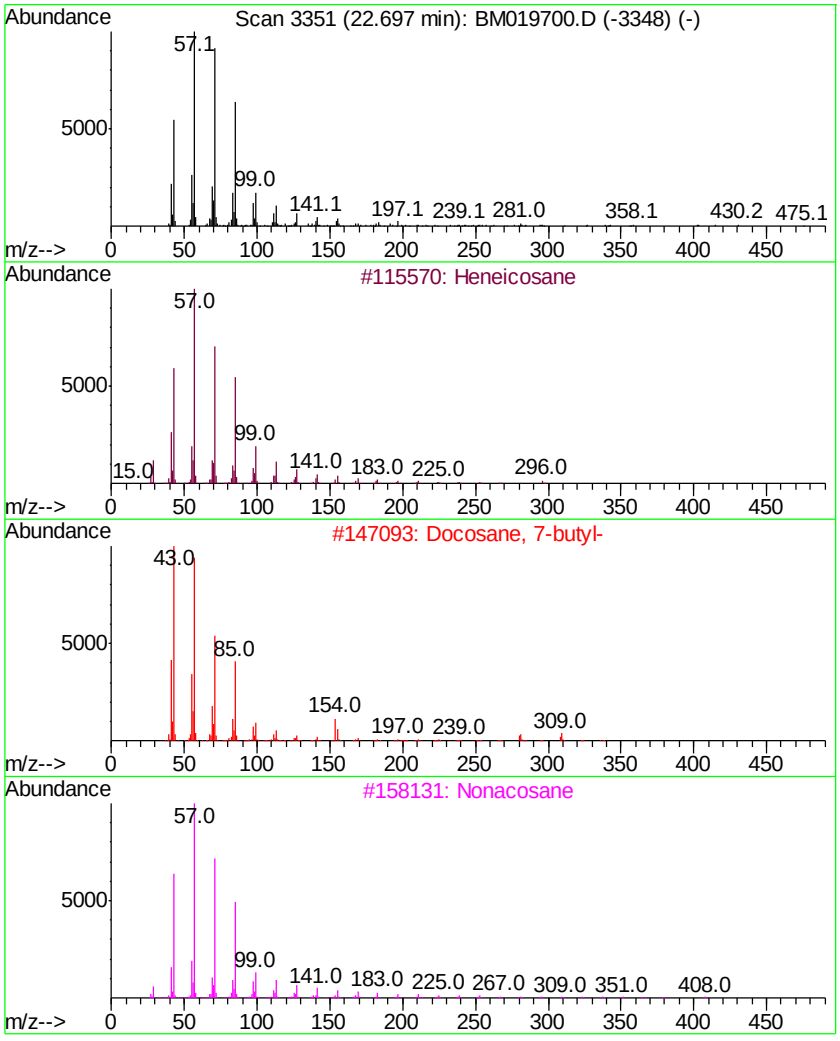
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

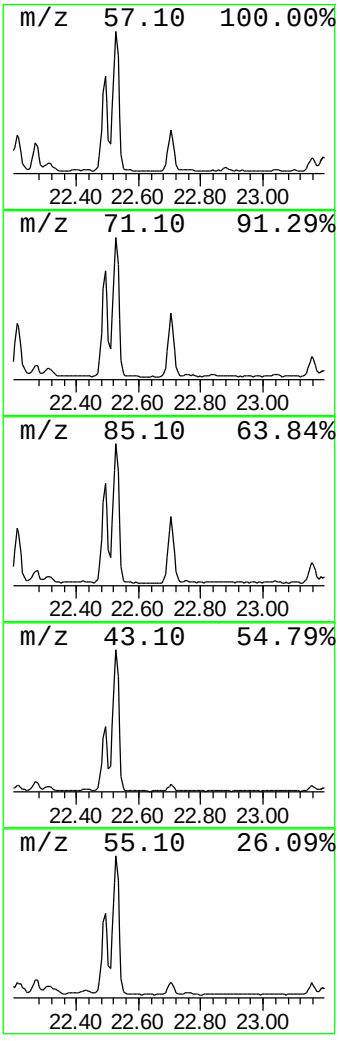
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.07 ng/ul	472239	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane, 7-butyl-	366	C26H54	055282-15-0	90
3	Nonacosane	408	C29H60	000630-03-5	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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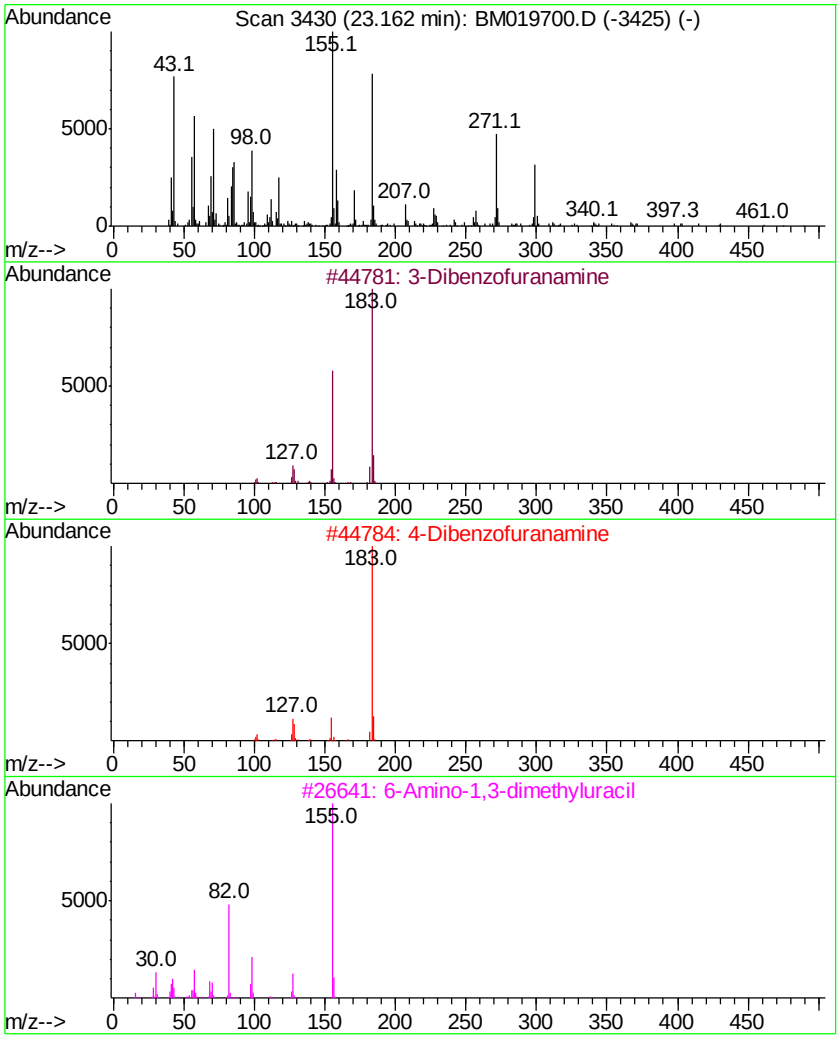
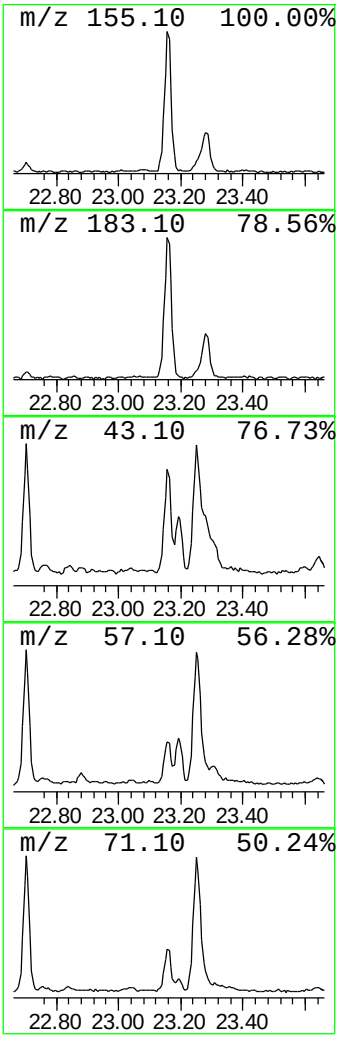
Peak Number 34 unknown-12 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.78 ng/ul	581976	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	43
2	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	18
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	14
4	1-Naphthalenecarbonitrile, 2-met...	183	C12H9NO	016000-39-8	11
5	6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	11





Library Search Compound Report

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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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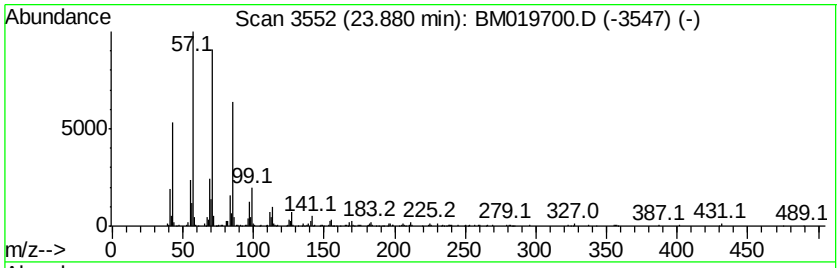
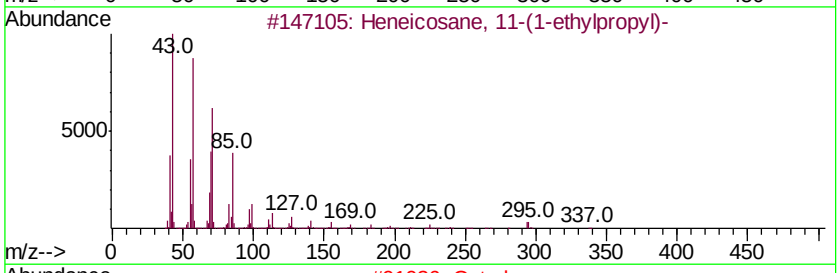
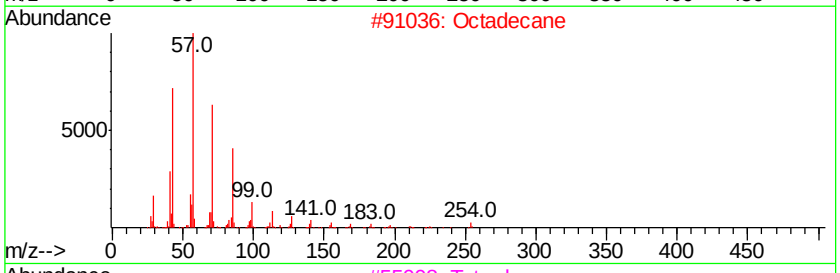
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 25

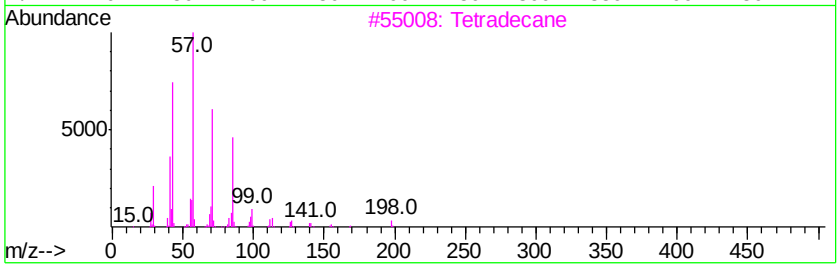
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.83 ng/ul	589075	Perylene-d12	23.41

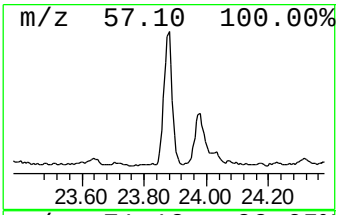
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octacosane	394	C28H58	000630-02-4	83

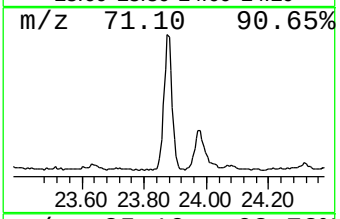


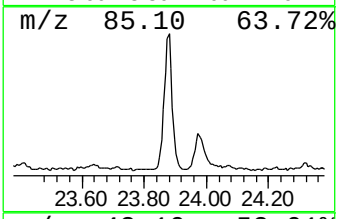


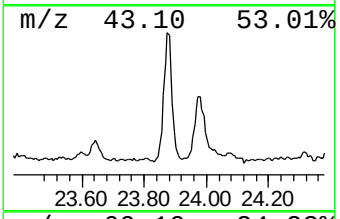


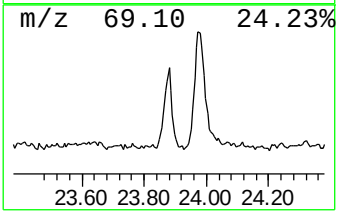












Library Search Compound Report

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Acq On : 02 Apr 2019 20:26
Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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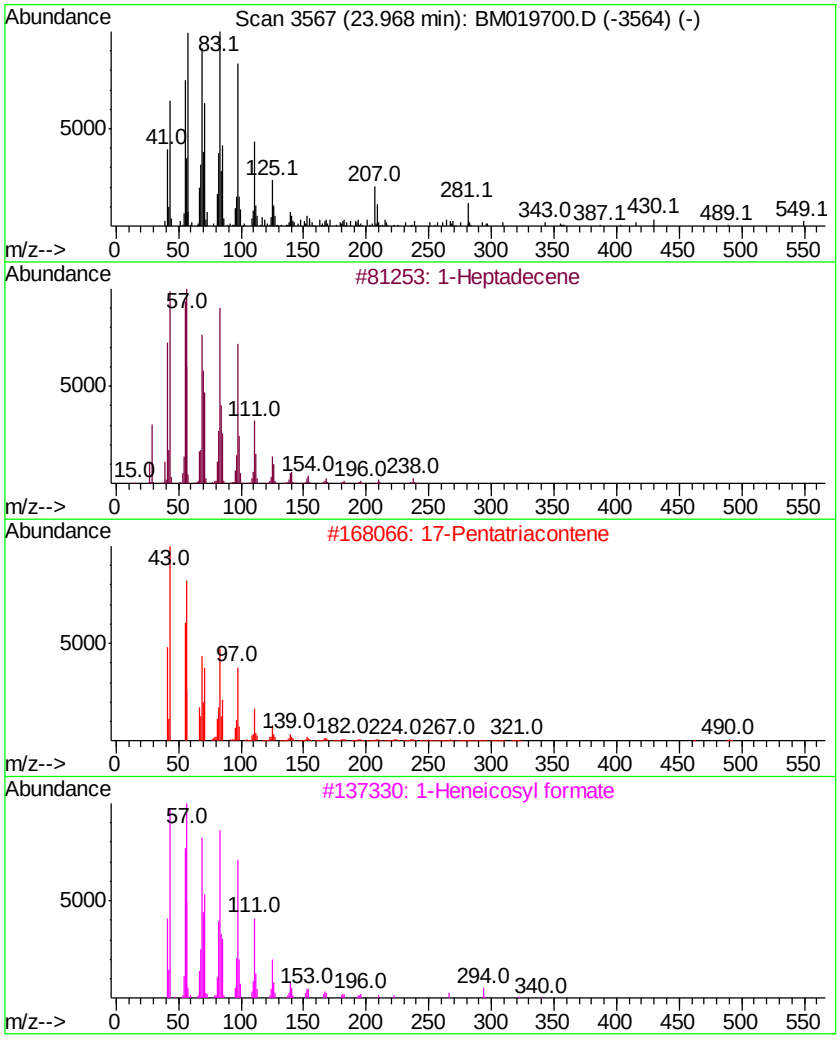
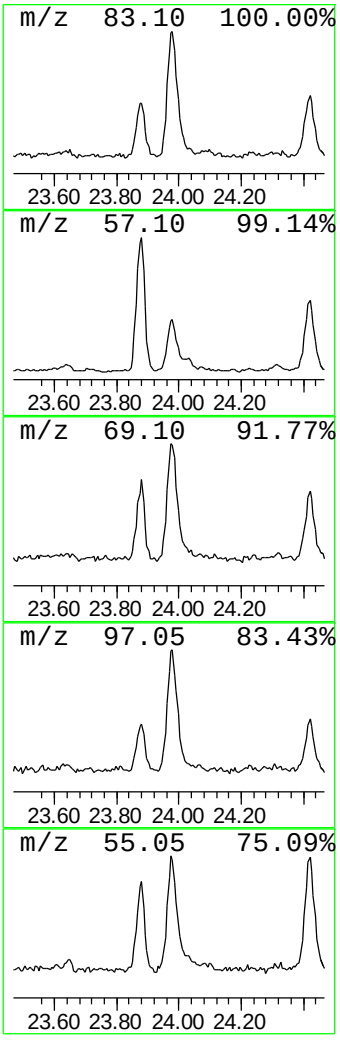
Peak Number 36 (DEL) Alkane: Cyclic23.97 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.98 ng/ul	458527	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	76
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5	1-Docosene	308	C22H44	001599-67-3	70





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Sample : K2148-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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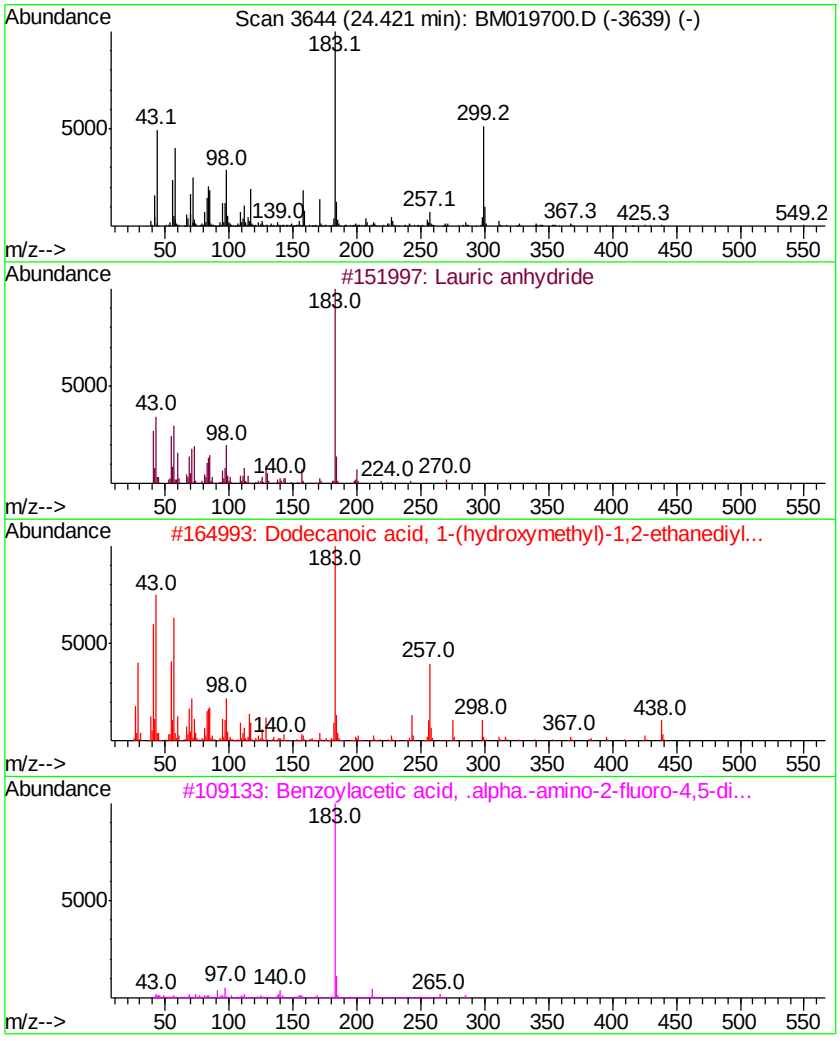
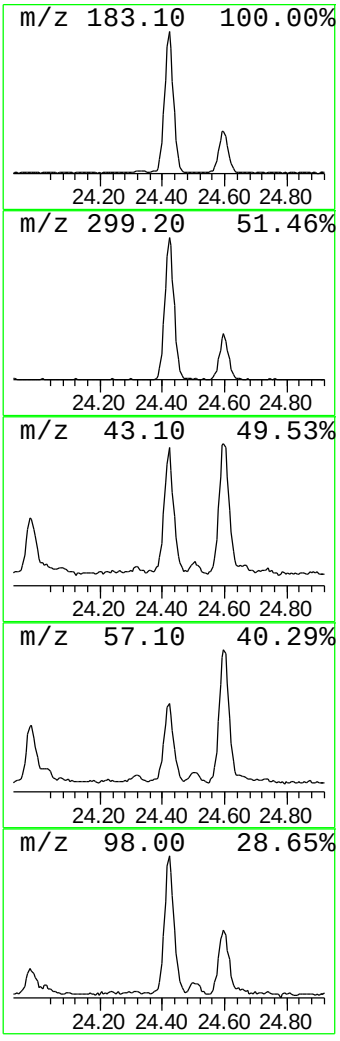
Peak Number 37 unknown-13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.42	6.57 ng/ul	1010560	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	38
2	Dodecanoic acid, 1-(hydroxymethy...	456	C27H52O5	017598-94-6	32
3	Benzoylacetic acid, .alpha.-amin...	285	C13H16FNO5	1000130-35-8	27
4	2-Hydroxycarbazole	183	C12H9NO	000086-79-3	27
5	Aminoacetic acid, 2-(2-fluoro-4,...	285	C13H16FNO5	1000127-07-7	27





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

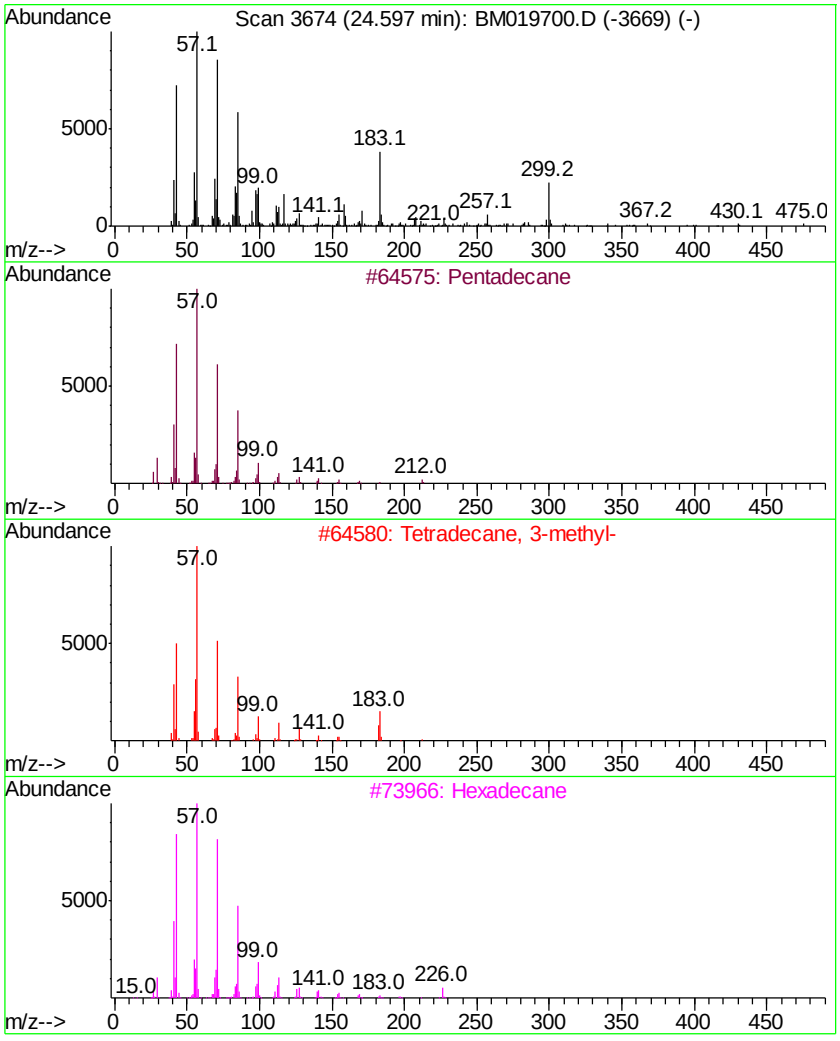
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

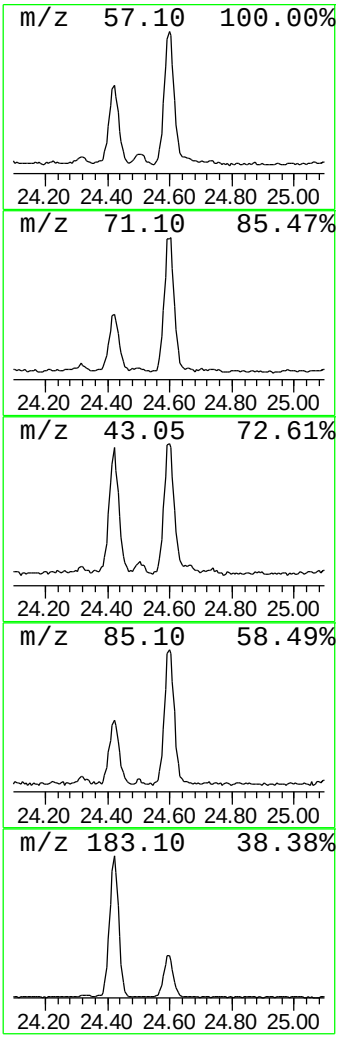
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	5.44 ng/ul	836949	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	64
3	Hexadecane	226	C16H34	000544-76-3	60
4	Octadecane	254	C18H38	000593-45-3	52
5	Nonadecane	268	C19H40	000629-92-5	49





Tentatively Identified Compound (LSC) summary

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Data File : BM019700.D
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Operator : JU/SJ
Sample : K2148-12
Misc :
ALS Vial : 10 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,2,3-Propanetrio...	10.87	5.3	ng/ul	401468	2	10.35	1521080	20.0
(DEL) Alkane: Cyc...	11.02	3.0	ng/ul	228157	2	10.35	1521080	20.0
(DEL) Alkane: Str...	11.96	3.8	ng/ul	285235	2	10.35	1521080	20.0
(DEL) Alkane: Cyc...	12.46	2.1	ng/ul	227911	3	14.23	2195400	20.0
(DEL) Alkane: Str...	12.72	9.8	ng/ul	1079340	3	14.23	2195400	20.0
unknown-01	14.03	3.5	ng/ul	379145	3	14.23	2195400	20.0
Dodecanoic acid	14.66	5.8	ng/ul	641597	3	14.23	2195400	20.0
(DEL) Alkane: Cyc...	14.74	3.0	ng/ul	328007	3	14.23	2195400	20.0
(DEL) Alkane: Str...	15.47	5.6	ng/ul	615799	3	14.23	2195400	20.0
(DEL) Alkane: Str...	15.96	5.5	ng/ul	747805	4	16.99	2703990	20.0
(DEL) Alkane: Str...	16.78	3.9	ng/ul	526906	4	16.99	2703990	20.0
n-Hexadecanoic acid	17.89	7.0	ng/ul	942474	4	16.99	2703990	20.0
Decanoic acid, 2-...	18.60	5.9	ng/ul	800696	4	16.99	2703990	20.0
unknown-02	18.64	10.9	ng/ul	1467410	4	16.99	2703990	20.0
Octadecanoic acid	19.17	3.9	ng/ul	666070	5	21.20	3379960	20.0
unknown-03	19.46	12.0	ng/ul	2021720	5	21.20	3379960	20.0
unknown-04	19.74	80.8	ng/ul	13650600	5	21.20	3379960	20.0
unknown-05	19.79	154.6	ng/ul	26118100	5	21.20	3379960	20.0
unknown-06	20.47	2.3	ng/ul	385424	5	21.20	3379960	20.0
unknown-07	20.50	4.3	ng/ul	722239	5	21.20	3379960	20.0
Myristin, 2,3-dia...	20.72	41.7	ng/ul	7042320	5	21.20	3379960	20.0
Myristin, 1,3-dia...	20.75	80.9	ng/ul	13668700	5	21.20	3379960	20.0
(DEL) Alkane: Cyc...	20.90	10.1	ng/ul	1705820	5	21.20	3379960	20.0
(DEL) Alkane: Str...	21.33	2.9	ng/ul	497534	5	21.20	3379960	20.0
unknown-08	21.37	2.0	ng/ul	343382	5	21.20	3379960	20.0
unknown-09	21.41	2.2	ng/ul	373961	5	21.20	3379960	20.0
Hexadecanoic acid...	21.59	24.0	ng/ul	4052100	5	21.20	3379960	20.0
unknown-10	22.18	11.7	ng/ul	1980610	5	21.20	3379960	20.0
unknown-11	22.27	3.8	ng/ul	642312	5	21.20	3379960	20.0
Octadecanoic acid...	22.49	25.6	ng/ul	3934250	6	23.41	3078550	20.0
(DEL) Alkane: Str...	22.70	3.1	ng/ul	472239	6	23.41	3078550	20.0
unknown-12	23.16	3.8	ng/ul	581976	6	23.41	3078550	20.0
(DEL) Alkane: Str...	23.88	3.8	ng/ul	589075	6	23.41	3078550	20.0
(DEL) Alkane: Cyc...	23.97	3.0	ng/ul	458527	6	23.41	3078550	20.0
unknown-13	24.42	6.6	ng/ul	1010560	6	23.41	3078550	20.0
(DEL) Alkane: Str...	24.60	5.4	ng/ul	836949	6	23.41	3078550	20.0