LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019745.D
Acq On : 05 Apr 2019 12:05
Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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	3.116	20	22	36	rVB	32295	62651	1.78%	0.117%
2	3.622	104	108	118	rVB2	14092	23179	0.66%	0.043%
3	3.810	138	140	143	rVB3	6871	7328	0.21%	0.014%
4	4.022	174	176	181	rBV3	2223	3729	0.11%	0.007%
5	4.716	290	294	299	rVB3	6047	10035	0.28%	0.019%
6	5.222	376	380	384	rBV4	3384	5206	0.15%	0.010%
7	5.669	453	456	461	rVB6	2427	3825	0.11%	0.007%
8	6.640	616	621	623	rBV3	3600	4752	0.13%	0.009%
9	6.751	634	640	655	rBV	344947	674253	19.13%	1.258%
10	6.916	663	668	685	rBV	288632	529557	15.03%	0.988%
11	7.098	693	699	713	rBV	423957	707829	20.08%	1.320%
12	7.193	713	715	719	rVB4	3812	4855	0.14%	0.009%
13	7.563	771	778	786	rBV	577489	947085	26.87%	1.767%
14	8.281	893	900	915	rBV	437917	822303	23.33%	1.534%
15	8.404	917	921	931	rVB	31033	56732	1.61%	0.106%
16	8.734	970	977	992	rBV	378011	679210	19.27%	1.267%
17	9.057	1027	1032	1036	rVB	17641	23820	0.68%	0.044%
18	9.445	1092	1098	1115	rBV	317993	572102	16.23%	1.067%
19	9.698	1135	1141	1159	rBV2	75198	210828	5.98%	0.393%
20	9.828	1161	1163	1169	rVB3	5942	9454	0.27%	0.018%
21	9.981	1182	1189	1209	rBV	416590	881351	25.01%	1.644%
22	10.281	1235	1240	1243	rBV2	3630	4887	0.14%	0.009%
23	10.339	1243	1250	1263	rVB	894198	1460469	41.44%	2.724%
24	10.516	1274	1280	1298	rBV	193160	463012	13.14%	0.864%
25	11.333	1415	1419	1423	rVB3	5975	8039	0.23%	0.015%
26	11.392	1423	1429	1433	rVB5	2913	4988	0.14%	0.009%
27	11.745	1484	1489	1495	rBV2	9170	14259	0.40%	0.027%
28	11.886	1506	1513	1514	rBV4	5348	7374	0.21%	0.014%
29	11.945	1517	1523	1530	rVB5	6892	14905	0.42%	0.028%
30	12.022	1530	1536	1541	rBV4	6121	11266	0.32%	0.021%
31	12.245	1570	1574	1578	rBV2	3823	5719	0.16%	0.011%
32	12.498	1612	1617	1629	rBV	120940	229670	6.52%	0.428%
33	12.722	1649	1655	1661	rVB3	8727	16154	0.46%	0.030%
34	12.816	1666	1671	1676	rVB3	3046	5223	0.15%	0.010%

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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	13.016	1698	1705	1709	rBV2	10341	15638	0.44%	0.029%
36	13.057	1709	1712	1717	rVB3	5238	7029	0.20%	0.013%
37	13.180	1726	1733	1736	rBV2	4201	9164	0.26%	0.017%
38	13.274	1746	1749	1753	rVB3	3754	4262	0.12%	0.008%
39	13.533	1790	1793	1799	rBV4	3099	5445	0.15%	0.010%
40	13.598	1799	1804	1806	rBV5	2596	3846	0.11%	0.007%
41	13.645	1806	1812	1817	rBV	887497	1244017	35.30%	2.321%
42	13.692	1817	1820	1828	rVB	123596	179443	5.09%	0.335%
43	13.916	1843	1858	1874	rBV	1099733	1652072	46.87%	3.082%
44	14.033	1874	1878	1882	rVB5	3777	6891	0.20%	0.013%
45	14.104	1884	1890	1895	rBV	14482	20041	0.57%	0.037%
46	14.221	1904	1910	1920	rBV2	1266296	1931337	54.80%	3.603%
47	14.439	1944	1947	1949	rBV3	3502	4566	0.13%	0.009%
48	14.486	1949	1955	1973	rBV	127759	384765	10.92%	0.718%
49	14.680	1978	1988	2006	rBV	1865677	3330470	94.50%	6.213%
50	14.992	2037	2041	2048	rVB6	11524	19081	0.54%	0.036%
51	15.063	2049	2053	2060	rVB4	18369	22205	0.63%	0.041%
52	15.227	2074	2081	2091	rBV	1366206	2003721	56.85%	3.738%
53	15.380	2102	2107	2117	rBV	286706	460143	13.06%	0.858%
54	15.468	2117	2122	2126	rVB2	27067	42062	1.19%	0.078%
55	15.580	2134	2141	2144	rBV6	4075	9820	0.28%	0.018%
56	15.686	2156	2159	2163	rBV6	3553	5347	0.15%	0.010%
57	15.945	2196	2203	2208	rBV	67200	118780	3.37%	0.222%
58	16.010	2212	2214	2219	rVB5	9577	11608	0.33%	0.022%
59	16.057	2219	2222	2225	rBV4	5767	8682	0.25%	0.016%
60	16.180	2240	2243	2246	rBV5	5703	5636	0.16%	0.011%
61	16.304	2261	2264	2266	rBV4	5828	9064	0.26%	0.017%
62	16.392	2273	2279	2298	rBV	972441	1462912	41.51%	2.729%
63	16.657	2320	2324	2330	rVB6	15253	26297	0.75%	0.049%
64	16.721	2331	2335	2339	rBV3	28285	39229	1.11%	0.073%
65	16.774	2340	2344	2347	rVV3	20415	25165	0.71%	0.047%
66	16.880	2358	2362	2369	rVB9	26972	46268	1.31%	0.086%
67	16.986	2374	2380	2384	rVV	1648613	2249155	63.82%	4.196%
68	17.027	2384	2387	2391	rVV	124191	162764	4.62%	0.304%
69	17.080	2391	2396	2407	rVV	1401523	2055112	58.31%	3.834%
70	17.274	2426	2429	2433	rVB3	26230	31122	0.88%	0.058%
71	17.321	2433	2437	2441	rBV3	34146	43875	1.24%	0.082%

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72	17.374	2442	2446	2450	rBV7	18078	32969	0.94%	0.062%
73	17.462	2458	2461	2466	rVB	33913	46167	1.31%	0.086%
74	17.821	2517	2522	2527	rBV	437707	598820	16.99%	1.117%
75	17.886	2527	2533	2541	rVV	2458167	3524471	100.00%	6.575%
76	17.951	2542	2544	2557	rVB	125777	280648	7.96%	0.524%
77	18.162	2576	2580	2584	rBV3	51310	102002	2.89%	0.190%
78	18.592	2650	2653	2656	rBV2	85001	98338	2.79%	0.183%
79	18.639	2658	2661	2666	rVB3	95900	114200	3.24%	0.213%
80	19.027	2723	2727	2728	rBV2	134788	155230	4.40%	0.290%
81	19.051	2728	2731	2744	rVB2	592221	1124862	31.92%	2.098%
82	19.174	2748	2752	2763	rBV	1808428	2727980	77.40%	5.089%
83	19.392	2784	2789	2793	rBV	1727457	2432711	69.02%	4.538%
84	19.645	2829	2832	2836	rVB	261657	315481	8.95%	0.589%
85	19.727	2843	2846	2850	rBV	920132	1018573	28.90%	1.900%
86	19.768	2850	2853	2857	rVB	1231694	1280904	36.34%	2.389%
87	19.903	2873	2876	2878	rBV2	211637	247890	7.03%	0.462%
88	19.962	2883	2886	2892	rVB2	250601	318414	9.03%	0.594%
89	20.327	2946	2948	2953	rVB	235828	276925	7.86%	0.517%
90	20.709	3011	3013	3016	rVB	217267	164295	4.66%	0.306%
91	20.745	3016	3019	3026	rVB	273187	332750	9.44%	0.621%
92	20.898	3041	3045	3056	rVB	815228	1124938	31.92%	2.099%
93	21.098	3076	3079	3085	rVB	2040693	2226046	63.16%	4.153%
94	21.197	3091	3096	3101	rBV	1668219	2310883	65.57%	4.311%
95	21.756	3188	3191	3193	rVB	284758	274345	7.78%	0.512%
96	21.927	3217	3220	3229	rBV2	429462	665795	18.89%	1.242%
97	22.697	3348	3351	3355	rVB	509570	571456	16.21%	1.066%
98	23.256	3441	3446	3461	rVB2	1046555	2431038	68.98%	4.535%
99	23.397	3466	3470	3479	rVB2	988383	1805911	51.24%	3.369%
100	23.862	3546	3549	3556	rVB	517590	859077	24.37%	1.603%

Sum of corrected areas: 53606202

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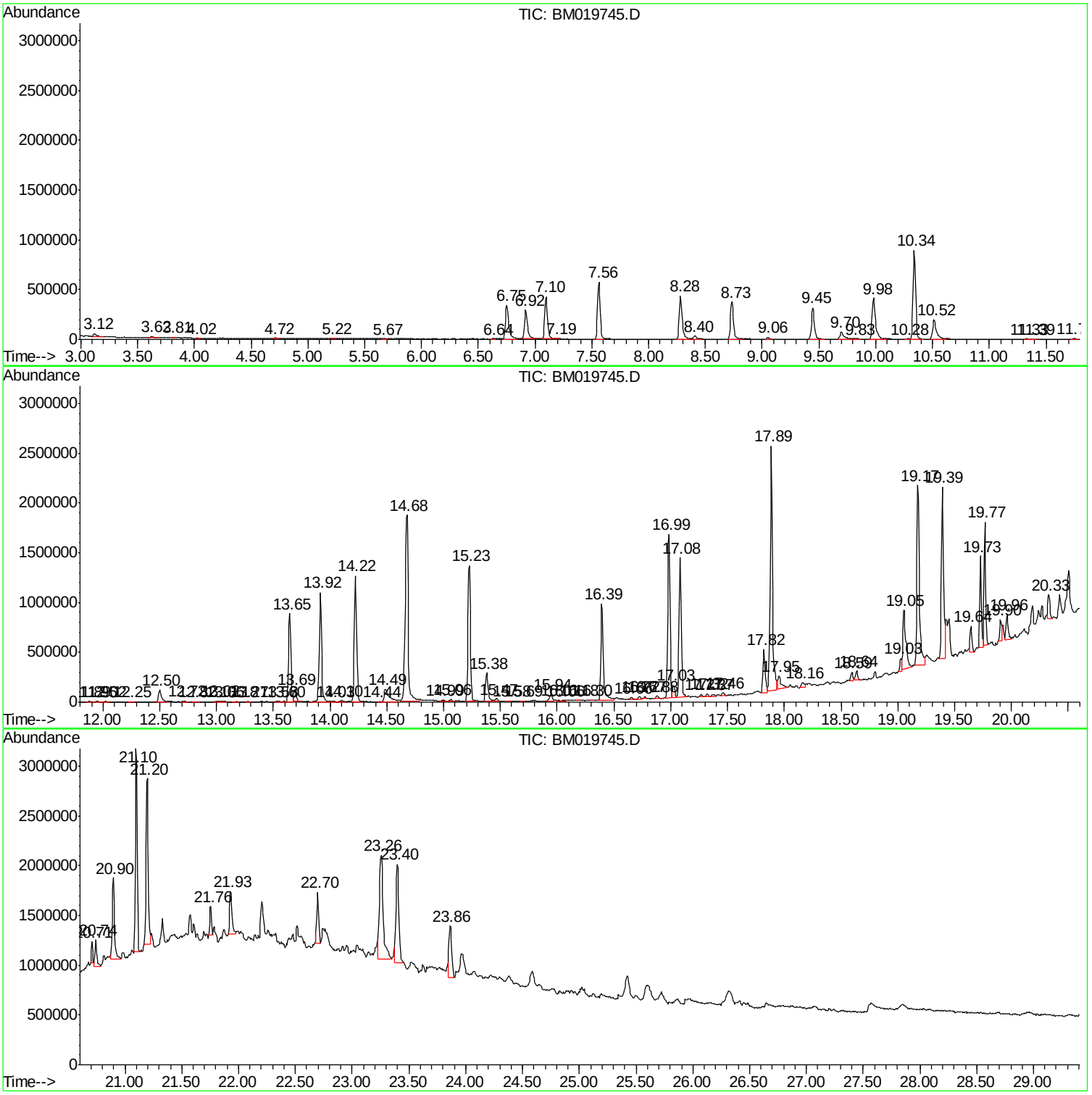
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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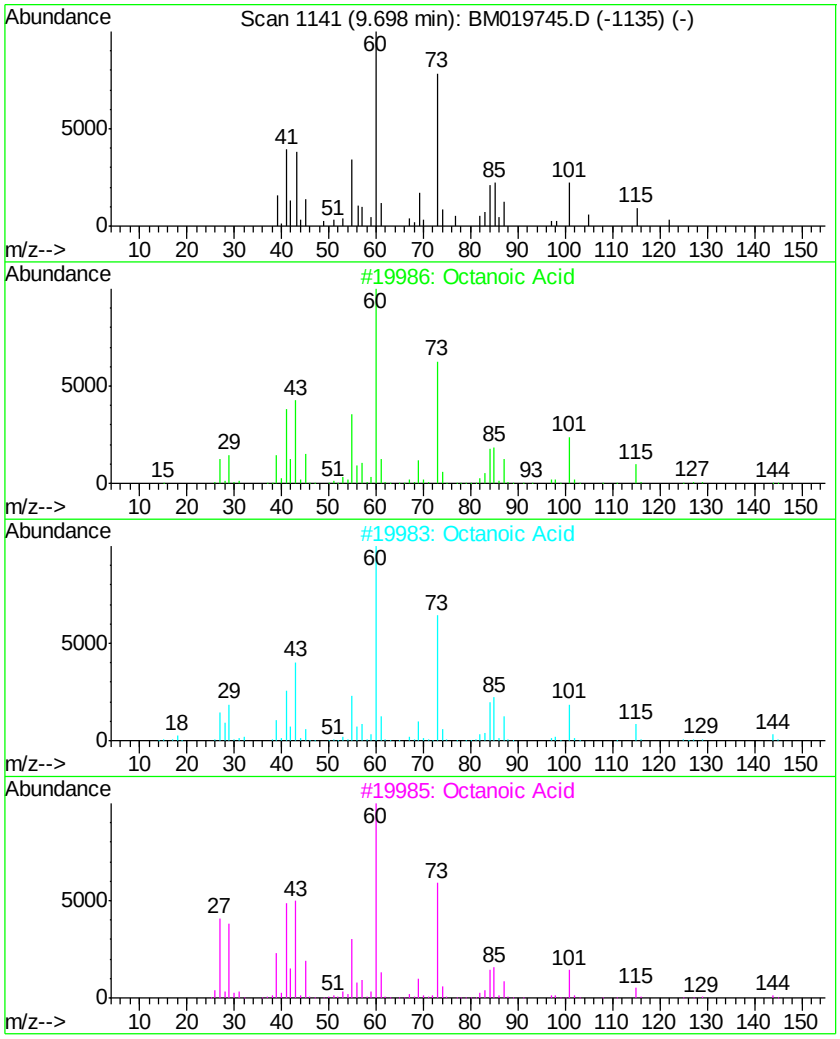
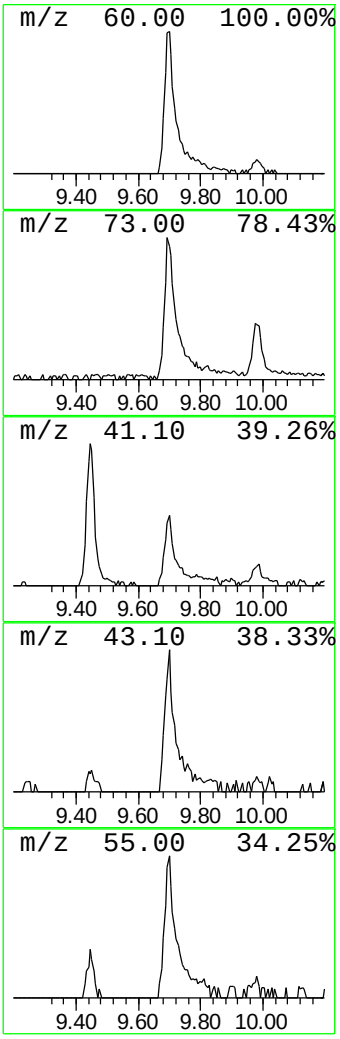
Peak Number 1 Octanoic Acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.89 ng/ul	210828	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Octanoic Acid	144	C8H16O2	000124-07-2	90
3	Octanoic Acid	144	C8H16O2	000124-07-2	83
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38





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

TIC Library : C:\DATABASE\NIST02.L
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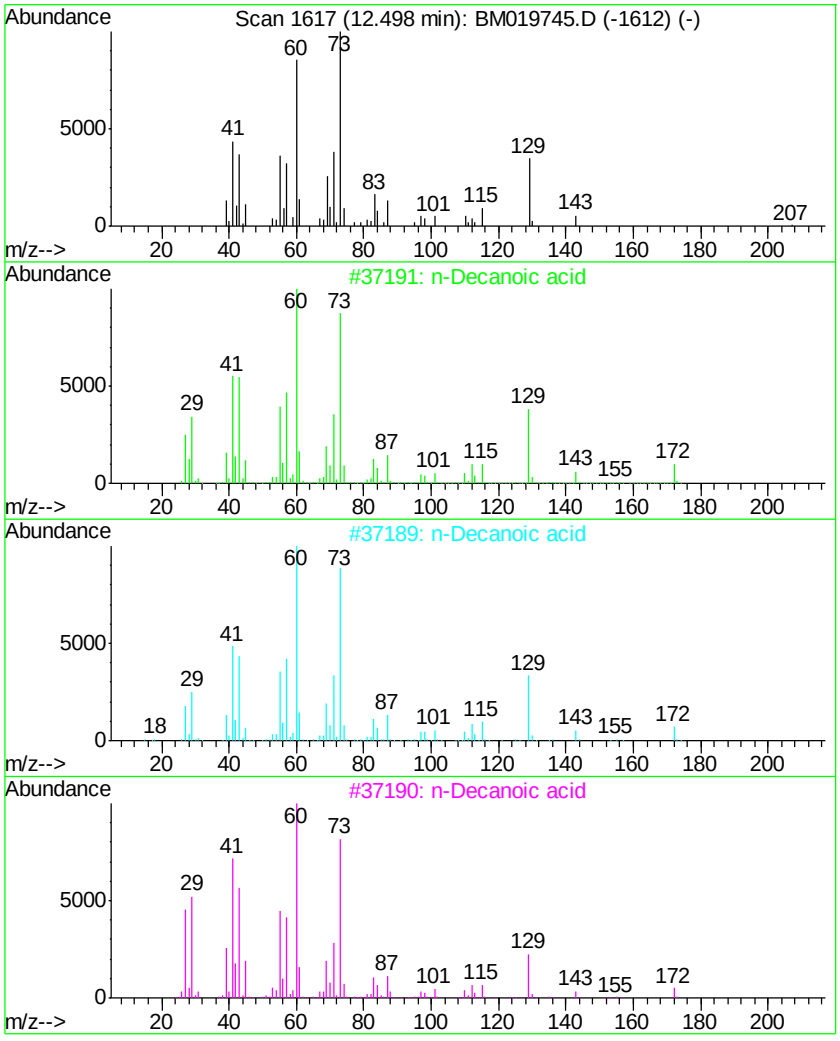
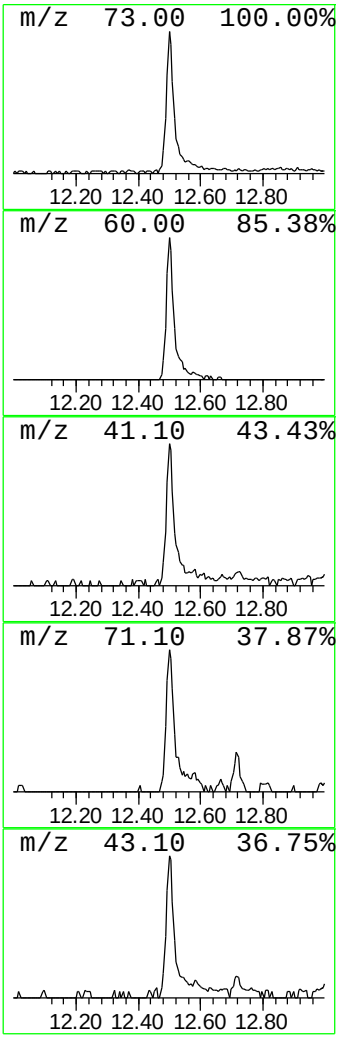
Peak Number 2 n-Decanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.38 ng/ul	229670	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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Quant Title : SVOA CALIBRATION

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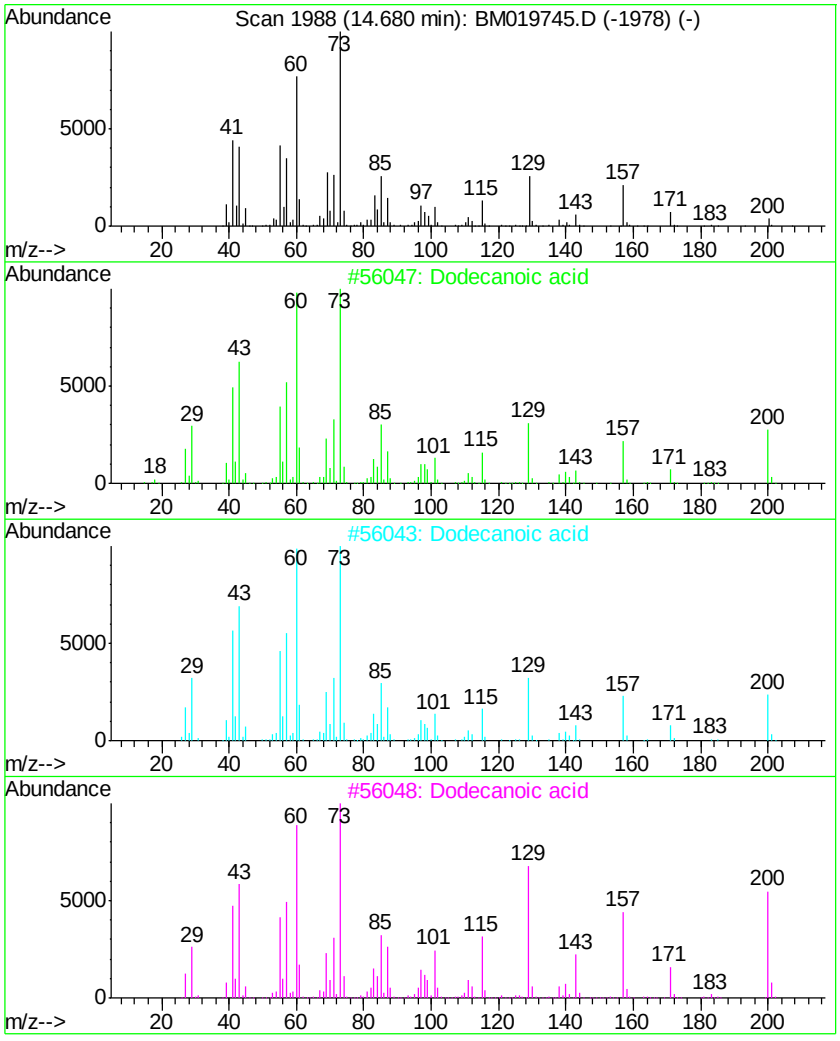
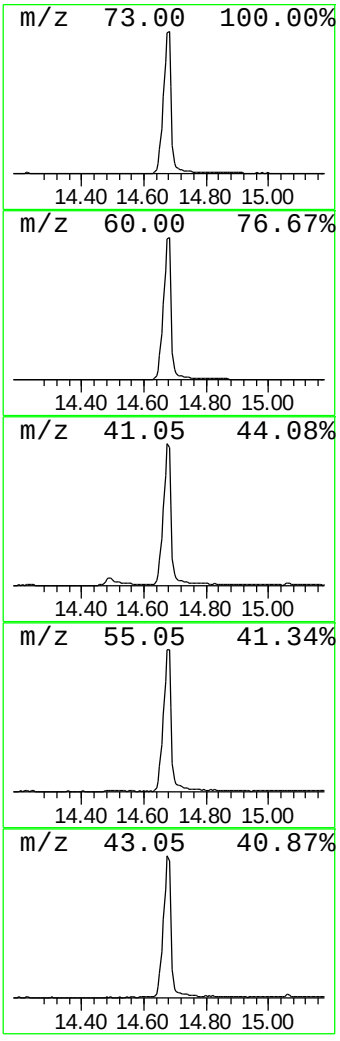
Peak Number 3 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	34.49 ng/ul	3330470	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	89
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Quant Title : SVOA CALIBRATION

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

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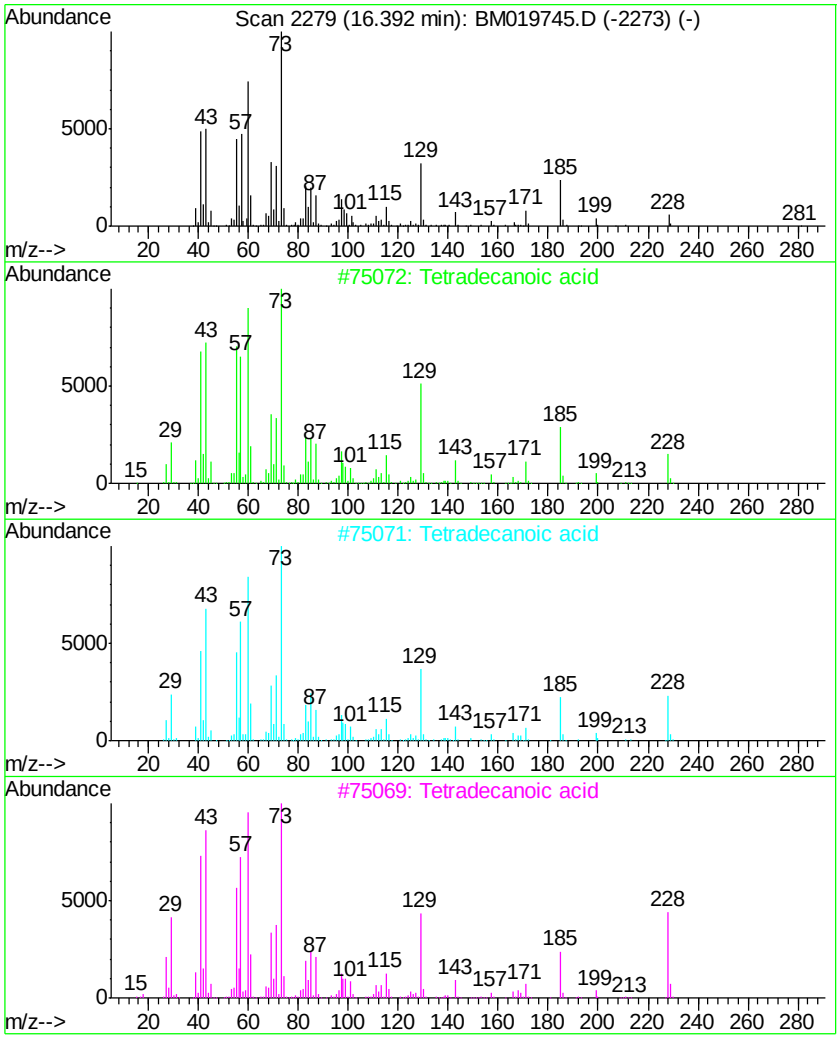
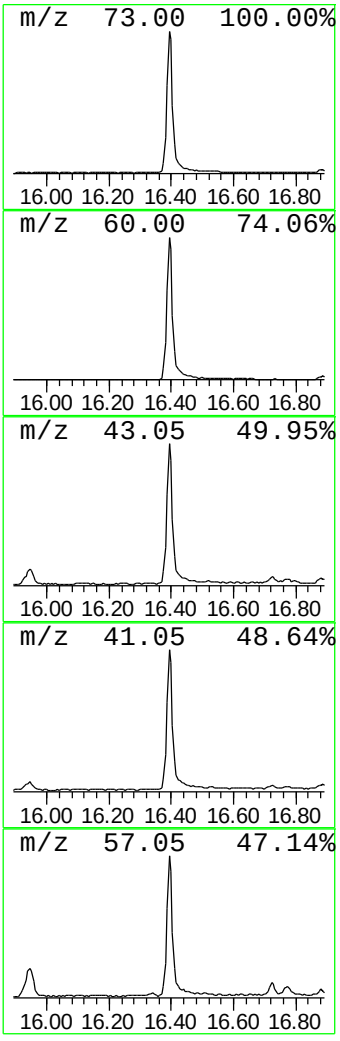
Peak Number 4 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	13.01 ng/ul	1462910	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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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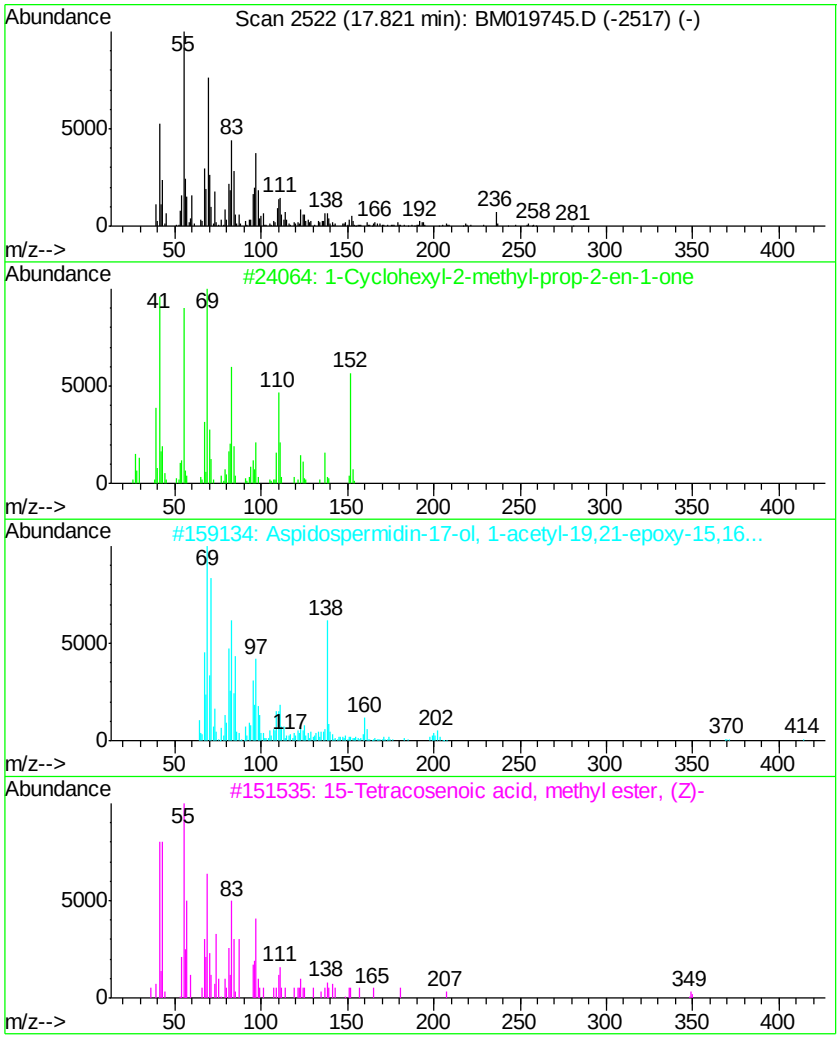
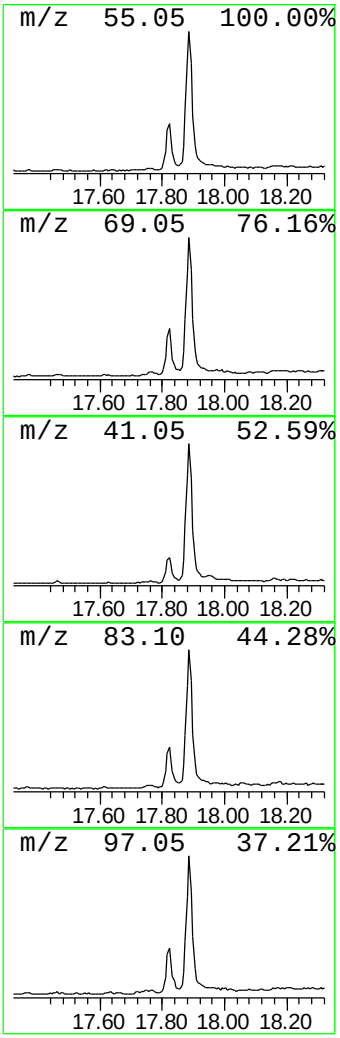
Peak Number 5 1-Cyclohexyl-2-methyl-prop-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.32 ng/ul	598820	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	86
2	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	80
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	49
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46
5	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	43





Library Search Compound Report

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Acq On : 05 Apr 2019 12:05
Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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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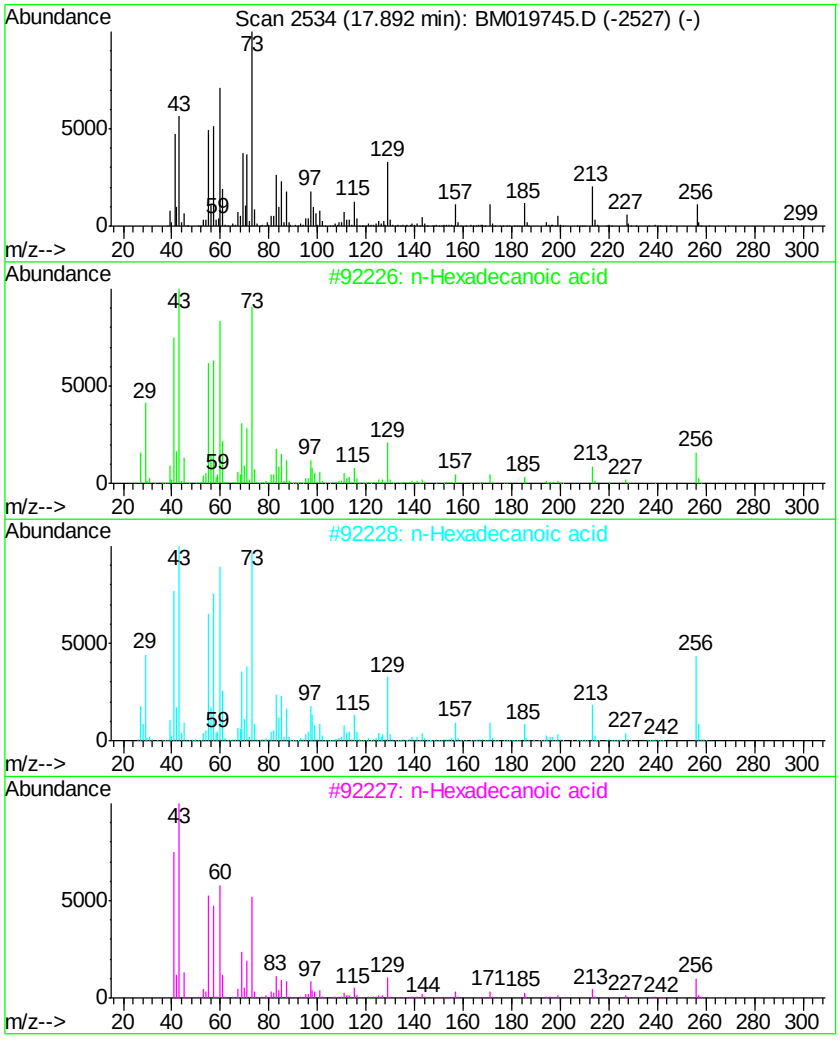
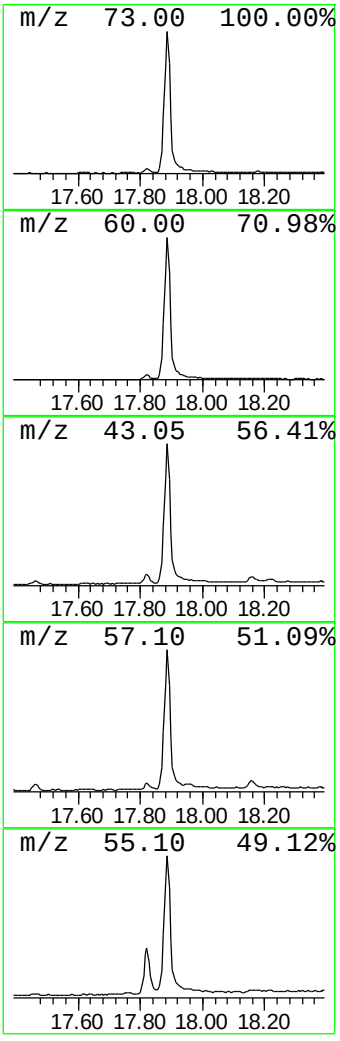
Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	31.34 ng/ul	3524470	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Sample : K2218-01
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Instrument : BNA_M
ClientSampleId : BF5Z3

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Quant Title : SVOA CALIBRATION

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

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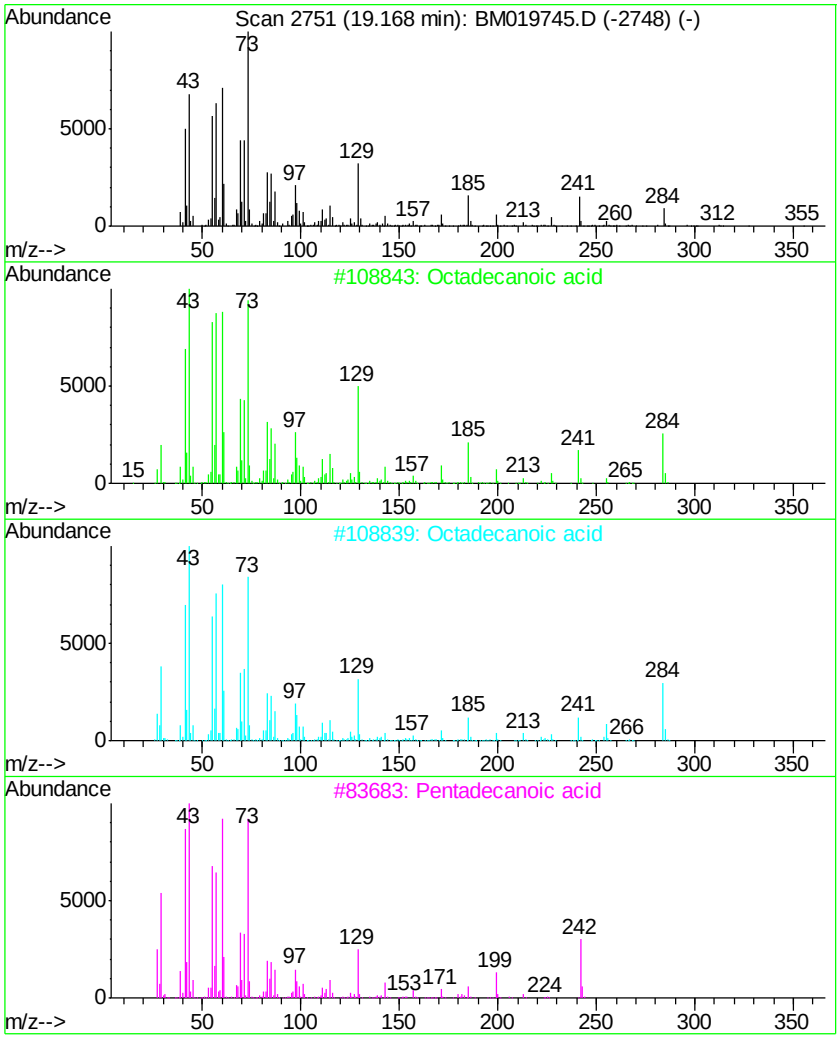
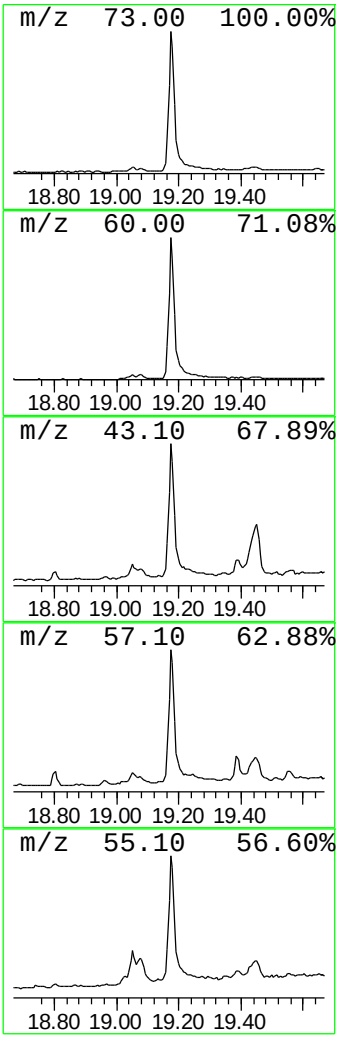
Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	23.61 ng/ul	2727980	Chrysene-d12	21.20

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





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Quant Title : SVOA CALIBRATION

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

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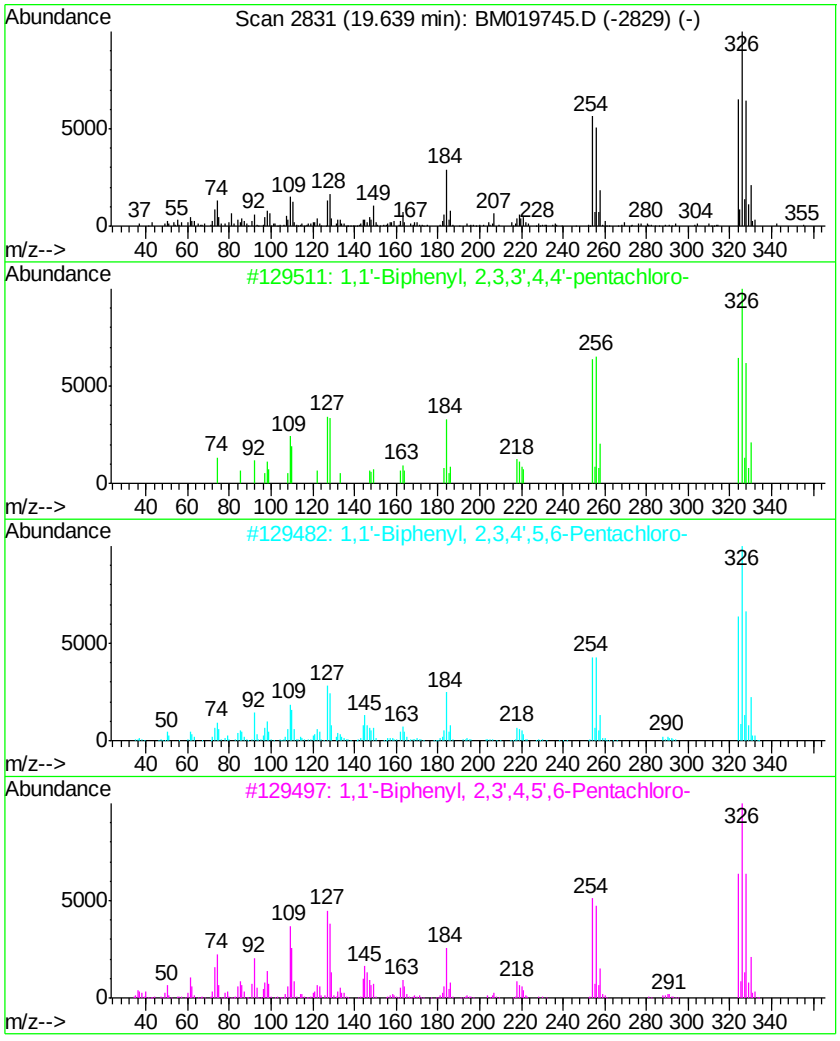
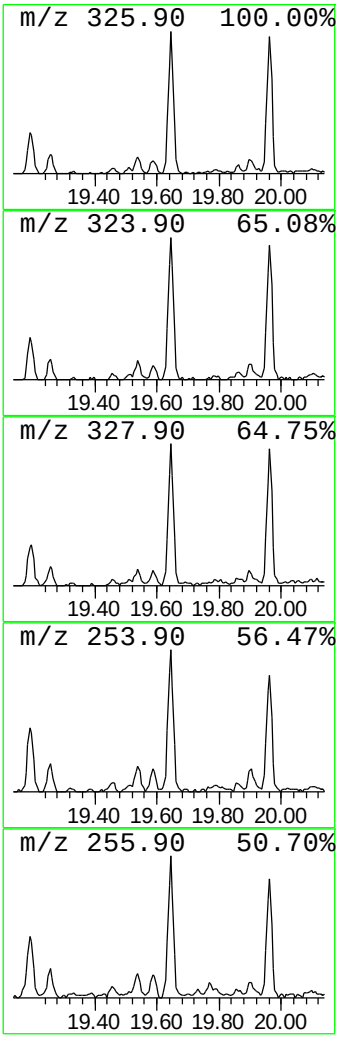
Peak Number 8 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.73 ng/ul	315481	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
2	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95
3	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95





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Quant Title : SVOA CALIBRATION

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

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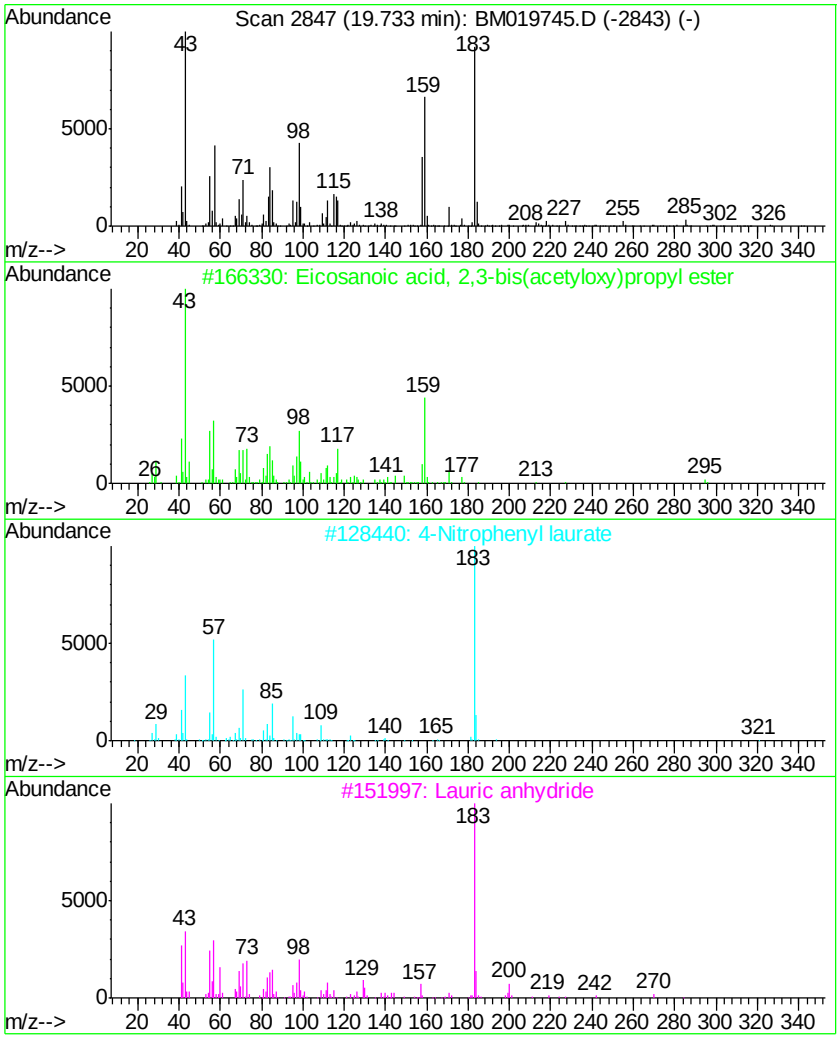
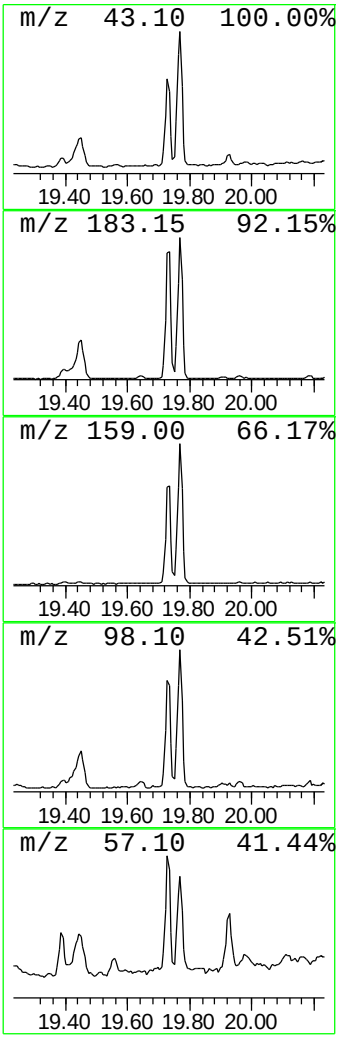
Peak Number 9 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	8.82 ng/ul	1018570	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	25
2	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
3	Lauric anhydride	382	C24H46O3	000645-66-9	25
4	6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	22
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	22





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Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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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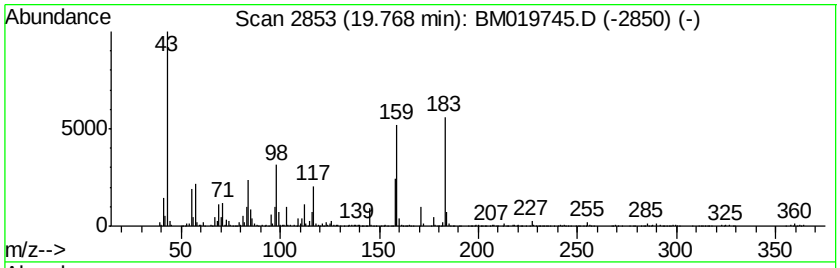
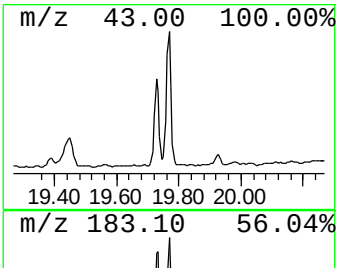
Peak Number 10 Hexadecanoic acid, 2,3-bis(... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	11.09 ng/ul	1280900	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	58
2	Lauric anhydride	382	C24H46O3	000645-66-9	22
3	Thioacetic acid, S-(5-acetylthio...	234	C9H14O3S2	1000185-15-4	18
4	1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	11
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	10





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Sample : K2218-01
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Instrument : BNA_M
ClientSampleId : BF5Z3

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Quant Title : SVOA CALIBRATION

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

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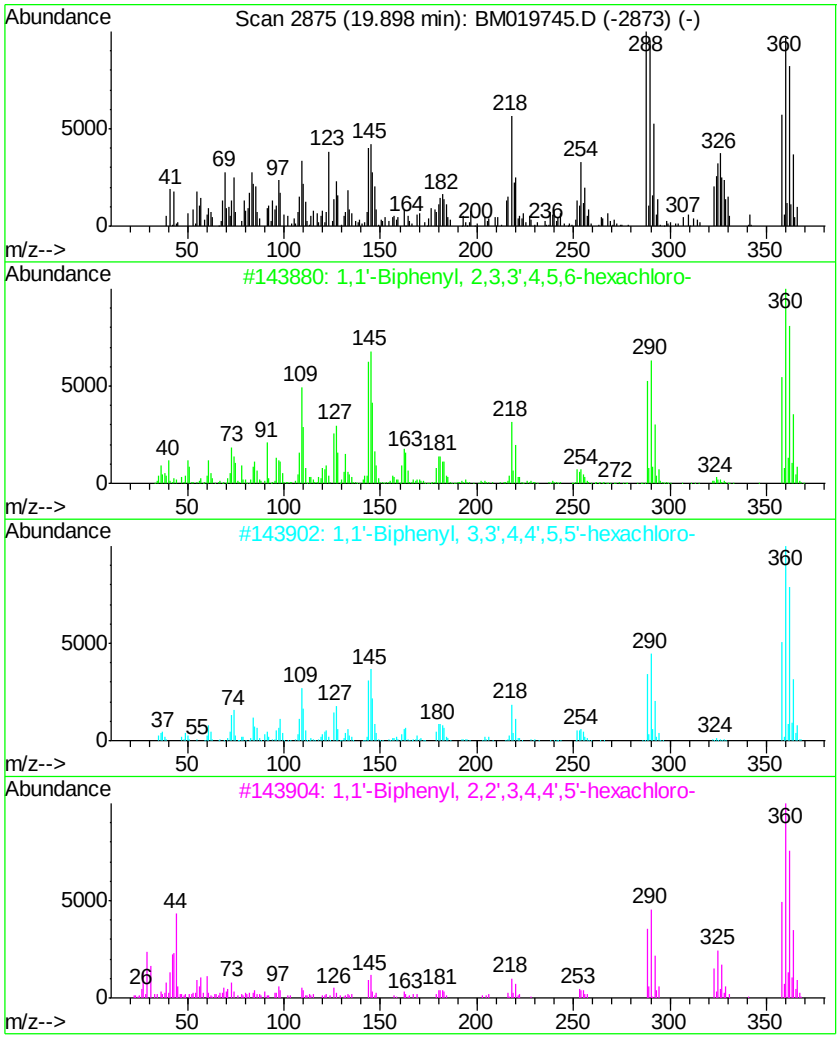
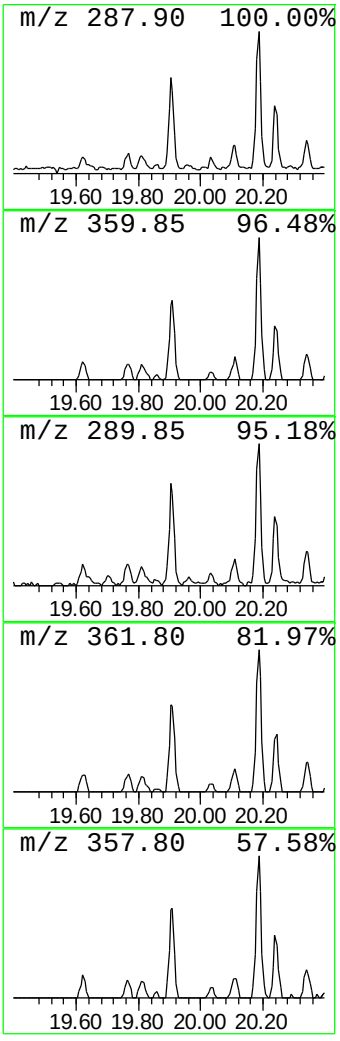
Peak Number 11 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.15 ng/ul	247890	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Library Search Compound Report

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Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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Quant Title : SVOA CALIBRATION

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

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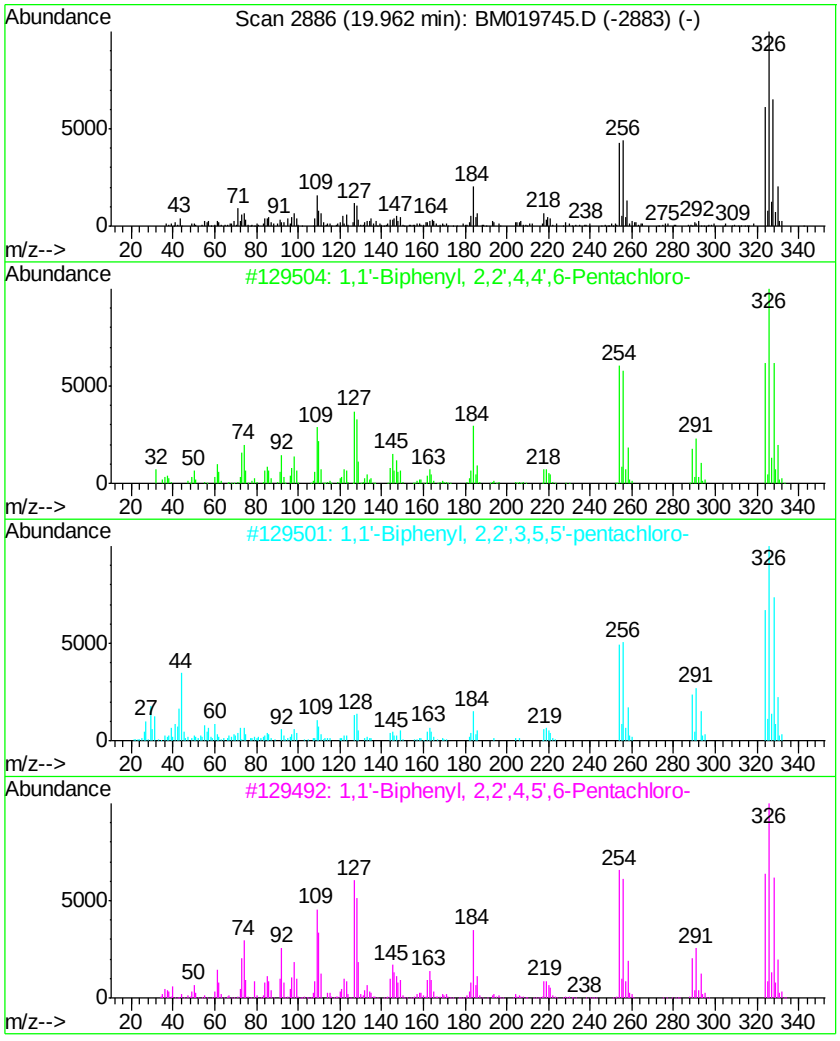
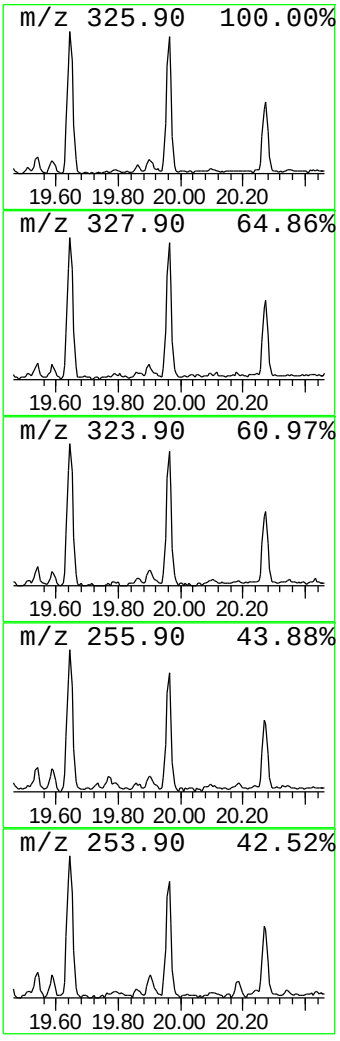
Peak Number 12 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.76 ng/ul	318414	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	97
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96





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Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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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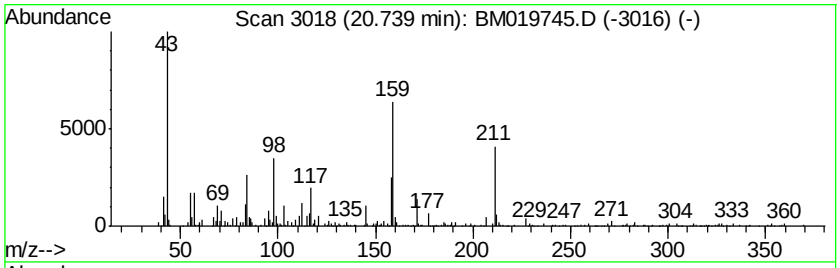
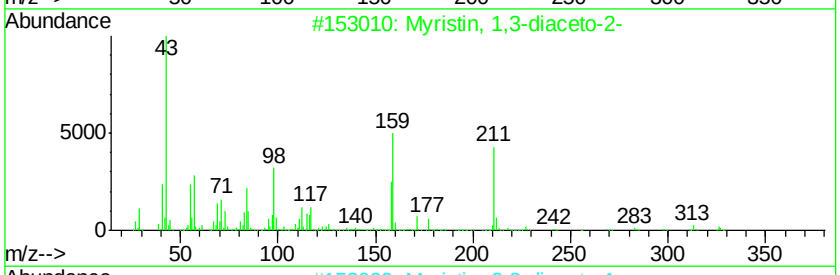
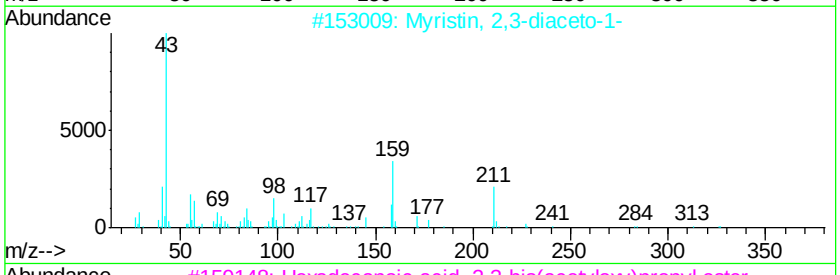
Peak Number 13 Myristin, 1,3-diaceto-2- Concentration Rank 12

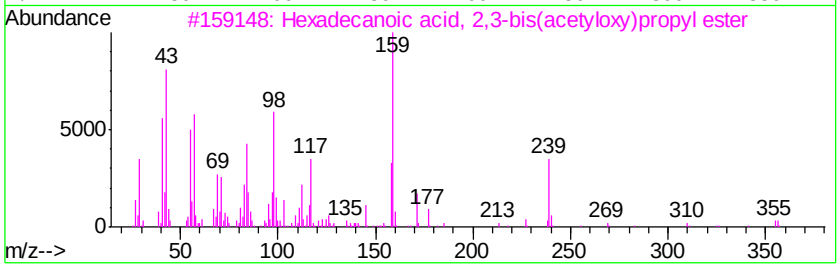
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.88 ng/ul	332750	Chrysene-d12	21.20

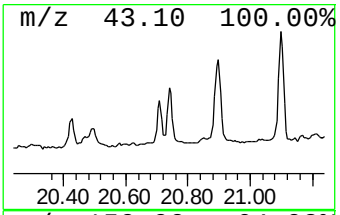
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	50
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	49
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	45
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	42
5	Carbendazim	191	C9H9N3O2	010605-21-7	25

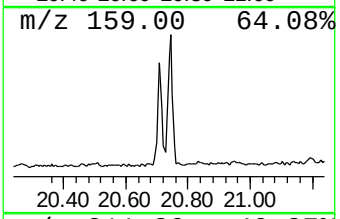


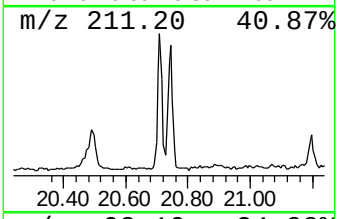


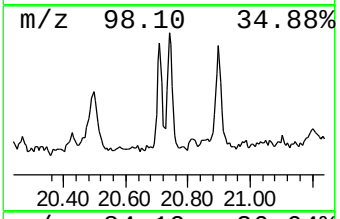


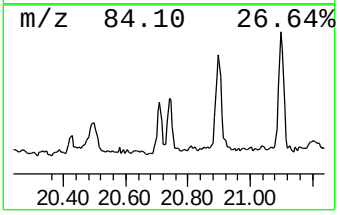












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Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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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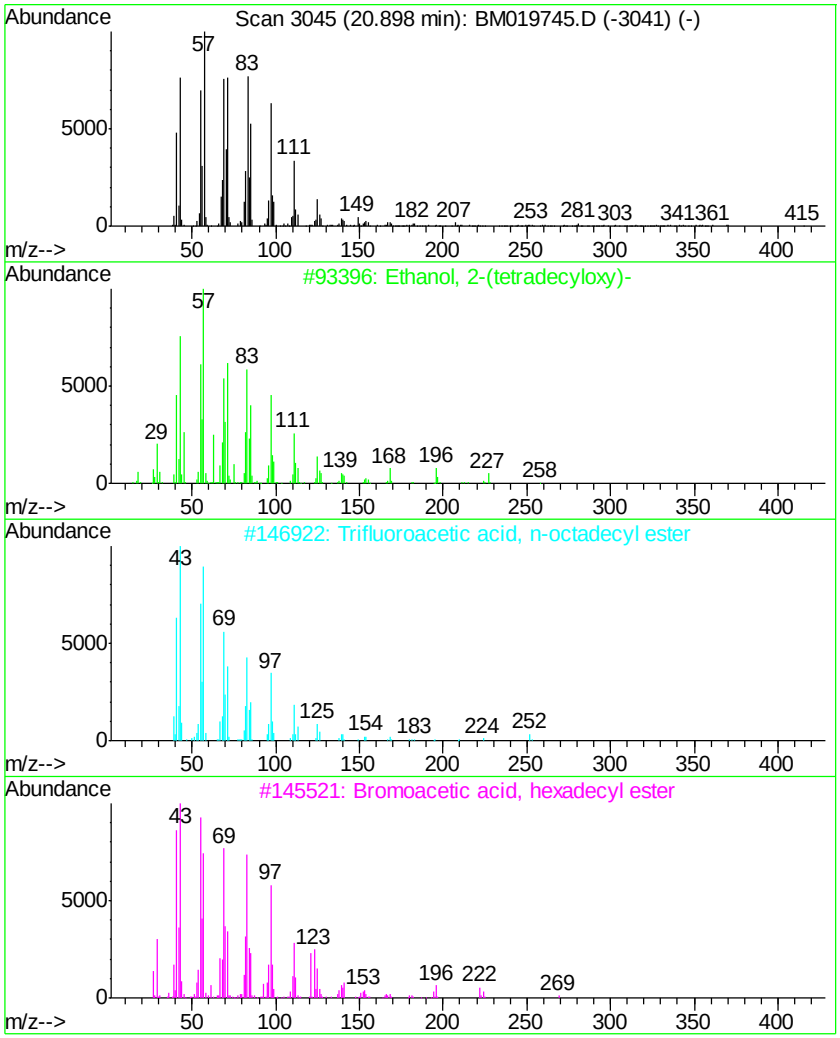
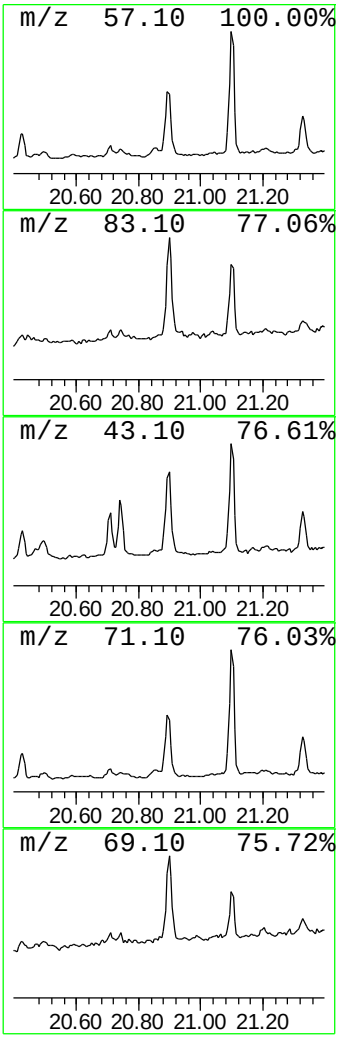
Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	9.74 ng/ul	1124940	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76
4	1-Octadecanol	270	C18H38O	000112-92-5	76
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	70





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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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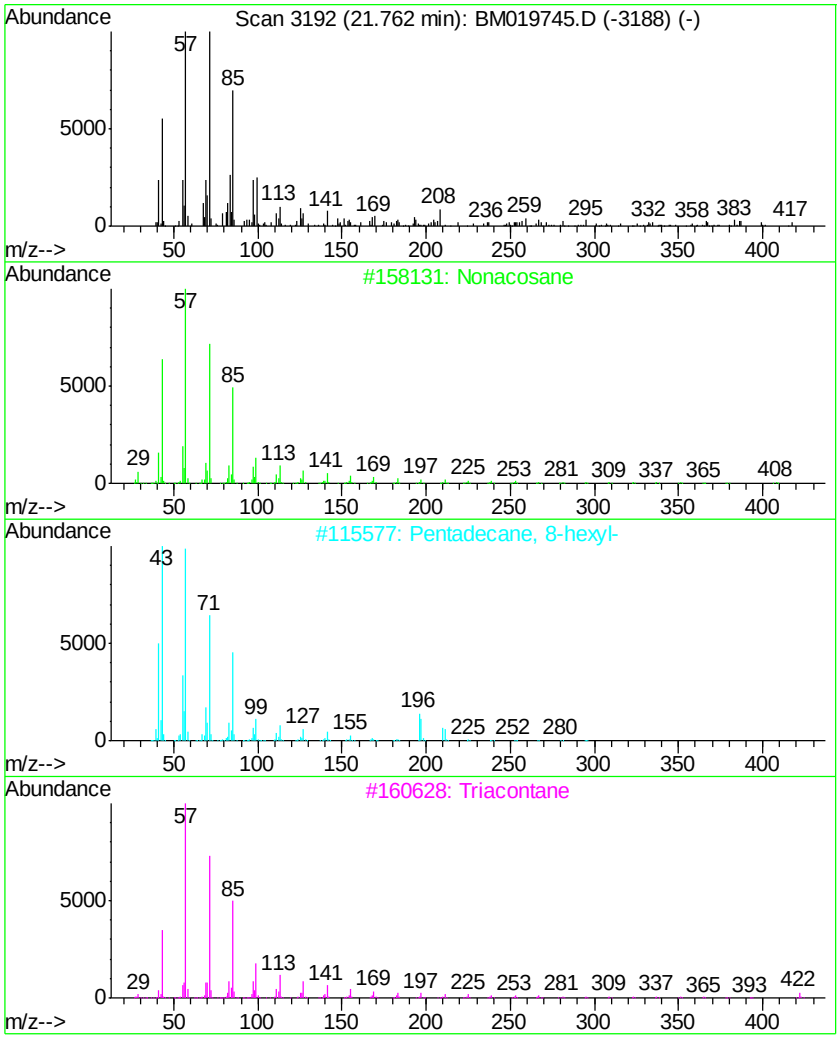
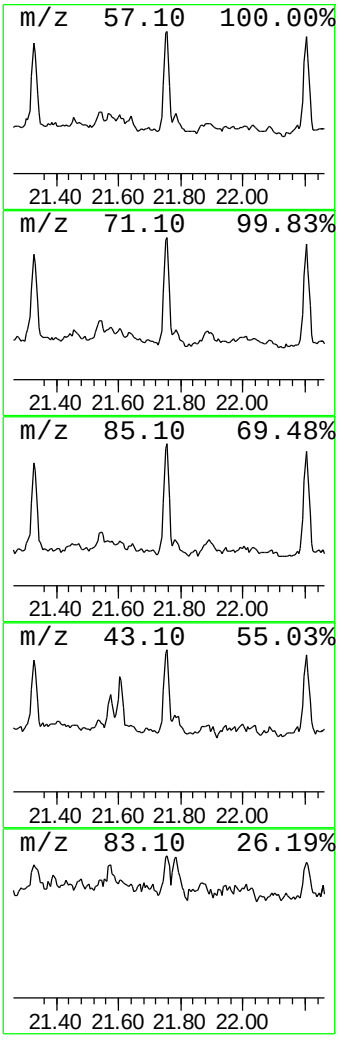
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.37 ng/ul	274345	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Docosane	310	C22H46	000629-97-0	87





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Data File : BM019745.D
Acq On : 05 Apr 2019 12:05
Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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

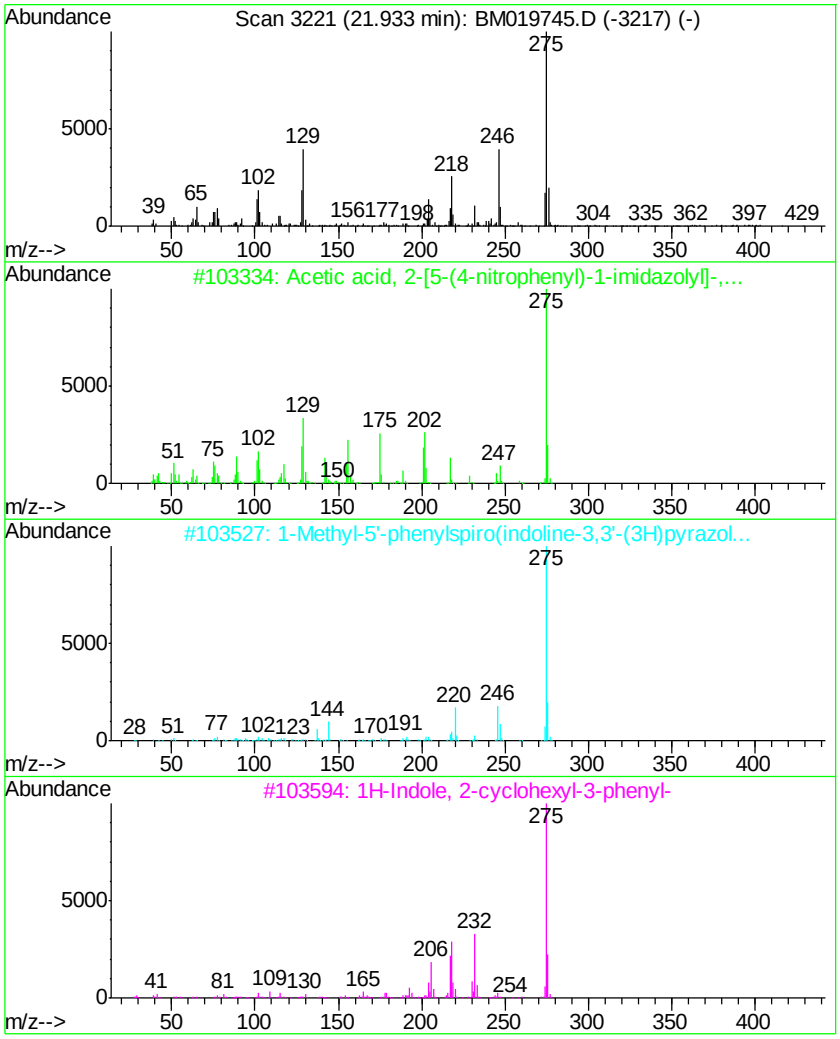
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

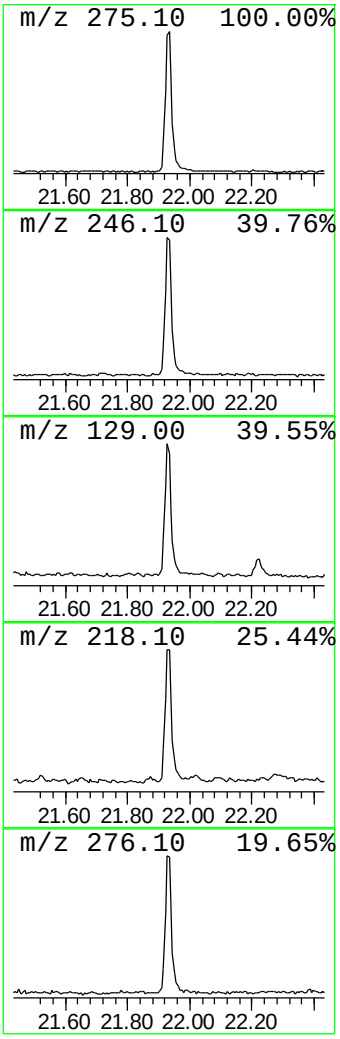
****

Peak Number 16 Acetic acid, 2-[5-(4-nitrop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	5.76 ng/ul	665795	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	52
2	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	38
3	1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1000163-87-0	35
4	1,4-Benzenediamine, N,N-dimethyl...	275	C13H13N3O2S	126893-36-5	27
5	Ethyl 2-cyano-2-(9-fluorenyliden...	275	C18H13NO2	014003-25-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019745.D
Acq On : 05 Apr 2019 12:05
Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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

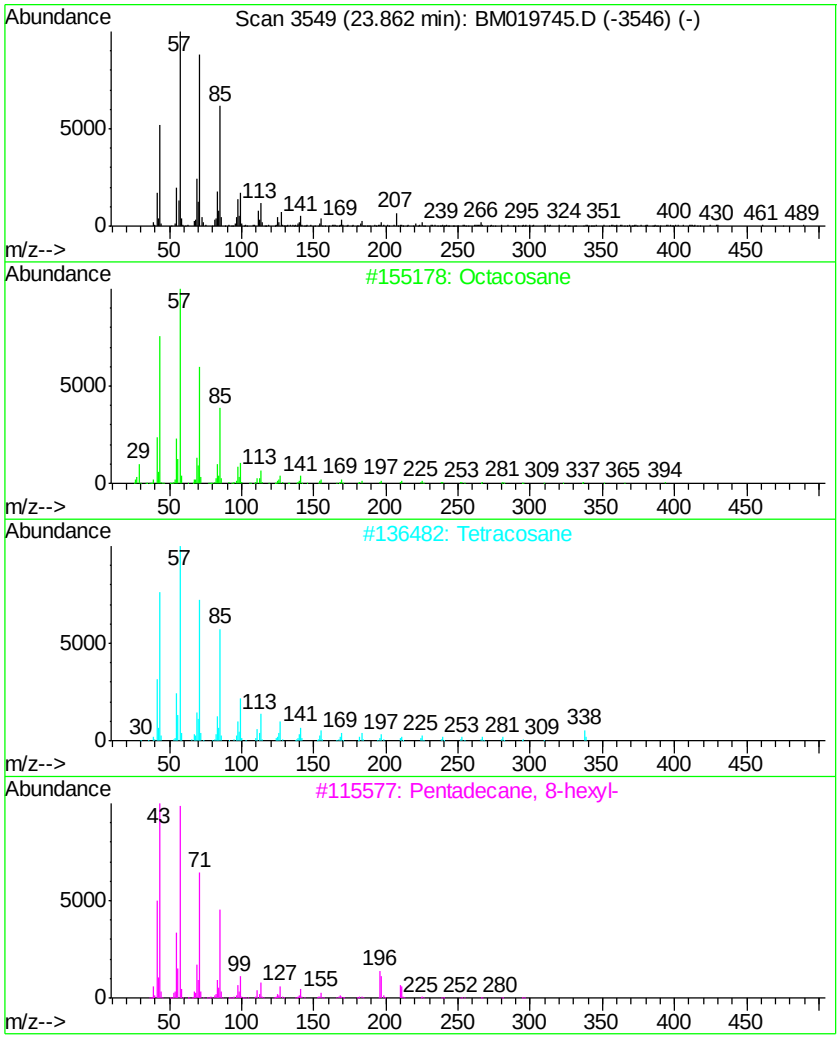
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

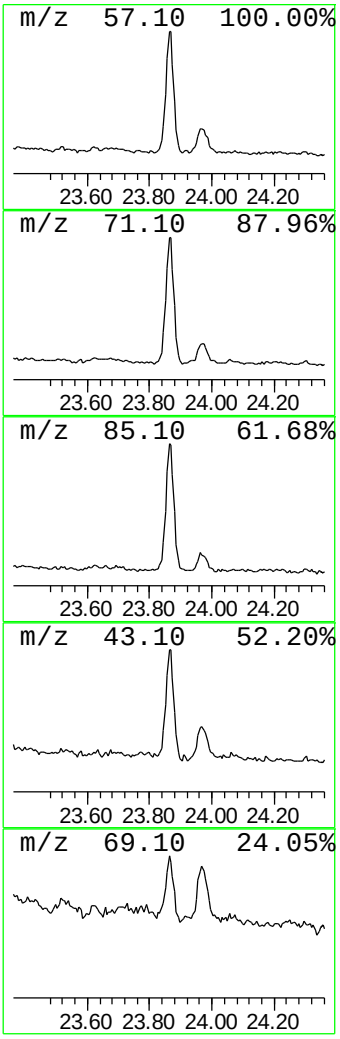
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	9.51 ng/ul	859077	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019745.D
Acq On : 05 Apr 2019 12:05
Operator : JU/SJ
Sample : K2218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z3

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octanoic Acid	9.70	2.9	ng/ul	210828	2	10.34	1460470	20.0
n-Decanoic acid	12.50	2.4	ng/ul	229670	3	14.22	1931340	20.0
Dodecanoic acid	14.68	34.5	ng/ul	3330470	3	14.22	1931340	20.0
Tetradecanoic acid	16.39	13.0	ng/ul	1462910	4	16.99	2249160	20.0
1-Cyclohexyl-2-me...	17.82	5.3	ng/ul	598820	4	16.99	2249160	20.0
n-Hexadecanoic acid	17.89	31.3	ng/ul	3524470	4	16.99	2249160	20.0
Octadecanoic acid	19.17	23.6	ng/ul	2727980	5	21.20	2310880	20.0
1,1'-Biphenyl, 2,...	19.64	2.7	ng/ul	315481	5	21.20	2310880	20.0
unknown-01	19.73	8.8	ng/ul	1018570	5	21.20	2310880	20.0
Hexadecanoic acid...	19.77	11.1	ng/ul	1280900	5	21.20	2310880	20.0
1,1'-Biphenyl, 2,...	19.90	2.1	ng/ul	247890	5	21.20	2310880	20.0
1,1'-Biphenyl, 2,...	19.96	2.8	ng/ul	318414	5	21.20	2310880	20.0
Myristin, 1,3-dia...	20.74	2.9	ng/ul	332750	5	21.20	2310880	20.0
Ethanol, 2-(tetra...	20.90	9.7	ng/ul	1124940	5	21.20	2310880	20.0
(DEL) Alkane: Str...	21.76	2.4	ng/ul	274345	5	21.20	2310880	20.0
Acetic acid, 2-[5...	21.93	5.8	ng/ul	665795	5	21.20	2310880	20.0
(DEL) Alkane: Str...	23.86	9.5	ng/ul	859077	6	23.40	1805910	20.0