LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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	3.105	17	20	27	rVB	20720	26888	0.76%	0.058%
2	4.163	196	200	205	rBV7	9549	14648	0.41%	0.032%
3	5.075	351	355	358	rBV4	2463	3704	0.10%	0.008%
4	6.146	533	537	541	rVB5	2227	3990	0.11%	0.009%
5	6.622	615	618	622	rBV5	3335	5306	0.15%	0.011%
6	6.663	622	625	628	rVB3	4287	5029	0.14%	0.011%
7	6.745	631	639	651	rVV2	79810	204633	5.75%	0.440%
8	6.893	659	664	681	rBV	314262	573121	16.11%	1.233%
9	7.081	690	696	712	rBV	379465	664514	18.67%	1.430%
10	7.540	767	774	782	rBV	418807	695184	19.54%	1.496%
11	7.604	782	785	792	rVB3	10325	19950	0.56%	0.043%
12	8.075	861	865	867	rBV4	3640	4769	0.13%	0.010%
13	8.269	892	898	913	rBV	245534	494046	13.88%	1.063%
14	8.639	955	961	967	rBV	58621	103840	2.92%	0.223%
15	8.716	967	974	983	rBV	384475	706268	19.85%	1.520%
16	8.851	994	997	1008	rVB8	8303	17171	0.48%	0.037%
17	9.428	1088	1095	1113	rBV	342225	644885	18.12%	1.388%
18	9.722	1139	1145	1150	rBV5	4767	9727	0.27%	0.021%
19	9.969	1180	1187	1211	rBV	348479	904011	25.40%	1.946%
20	10.275	1229	1239	1240	rBV2	23245	44409	1.25%	0.096%
21	10.316	1240	1246	1255	rVV	578949	991078	27.85%	2.133%
22	10.375	1255	1256	1262	rVB4	8877	10612	0.30%	0.023%
23	11.157	1385	1389	1391	rBV5	4427	6445	0.18%	0.014%
24	11.357	1420	1423	1426	rBV4	2425	3595	0.10%	0.008%
25	11.663	1469	1475	1487	rBV2	53486	120023	3.37%	0.258%
26	11.939	1516	1522	1526	rBV4	5868	12352	0.35%	0.027%
27	11.998	1531	1532	1544	rVB6	2526	5714	0.16%	0.012%
28	12.198	1562	1566	1572	rBV	9933	13582	0.38%	0.029%
29	12.286	1578	1581	1584	rVB4	3297	3686	0.10%	0.008%
30	12.504	1613	1618	1619	rBV4	4386	5963	0.17%	0.013%
31	12.692	1647	1650	1653	rBV3	2116	3746	0.11%	0.008%
32	12.786	1662	1666	1671	rVB4	4255	5473	0.15%	0.012%
33	13.163	1724	1730	1744	rBV	105980	267218	7.51%	0.575%
34	13.627	1802	1809	1822	rBV	1004378	1433265	40.28%	3.085%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
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Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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	13.710	1822	1823	1827	rVB4	3972	4079	0.11%	0.009%
36	13.898	1848	1855	1868	rVB	1172443	1705291	47.92%	3.670%
37	14.016	1871	1875	1877	rBV5	3352	3684	0.10%	0.008%
38	14.121	1885	1893	1901	rBV2	37108	99507	2.80%	0.214%
39	14.204	1901	1907	1918	rVV2	858649	1301116	36.56%	2.800%
40	14.286	1918	1921	1927	rVB4	15958	20094	0.56%	0.043%
41	14.539	1958	1964	1969	rBV5	24926	68011	1.91%	0.146%
42	14.639	1977	1981	1995	rVB3	42385	82165	2.31%	0.177%
43	14.751	1995	2000	2002	rVB4	2725	4184	0.12%	0.009%
44	14.892	2018	2024	2030	rBV2	25316	38098	1.07%	0.082%
45	14.968	2034	2037	2039	rBV2	4479	5813	0.16%	0.013%
46	14.986	2039	2040	2044	rVB4	3421	3933	0.11%	0.008%
47	15.210	2071	2078	2091	rVB	1481508	2102881	59.09%	4.526%
48	15.380	2101	2107	2116	rBV	332155	580930	16.32%	1.250%
49	15.451	2116	2119	2127	rVB4	22708	36072	1.01%	0.078%
50	15.592	2136	2143	2148	rBV5	8328	13816	0.39%	0.030%
51	15.780	2171	2175	2180	rBV	46284	53449	1.50%	0.115%
52	15.833	2180	2184	2190	rVV	85085	104942	2.95%	0.226%
53	15.998	2208	2212	2217	rVB5	5159	7720	0.22%	0.017%
54	16.380	2273	2277	2281	rBV3	7229	11814	0.33%	0.025%
55	16.557	2304	2307	2313	rVB5	5252	6927	0.19%	0.015%
56	16.651	2318	2323	2325	rBV5	3041	3888	0.11%	0.008%
57	16.698	2328	2331	2334	rBV4	5836	8526	0.24%	0.018%
58	16.780	2337	2345	2351	rVB3	40994	72236	2.03%	0.155%
59	16.968	2371	2377	2388	rBV	1025972	1425791	40.07%	3.068%
60	17.068	2388	2394	2404	rBV2	1582313	2294443	64.48%	4.938%
61	17.257	2420	2426	2430	rBV	1331745	1630706	45.82%	3.509%
62	17.304	2430	2434	2442	rVB	2908761	3255784	91.49%	7.007%
63	17.551	2473	2476	2480	rBV5	4342	6649	0.19%	0.014%
64	17.627	2484	2489	2494	rVB	341642	422143	11.86%	0.908%
65	17.862	2522	2529	2537	rBV	131164	249096	7.00%	0.536%
66	18.115	2569	2572	2575	rBV4	10185	15723	0.44%	0.034%
67	18.204	2582	2587	2593	rVB2	53479	92319	2.59%	0.199%
68	18.580	2646	2651	2654	rBV	384293	464285	13.05%	0.999%
69	18.621	2654	2658	2666	rVB	812516	903570	25.39%	1.945%
70	18.856	2694	2698	2701	rBV6	7188	10217	0.29%	0.022%
71	19.015	2721	2725	2730	rBV	23302	46593	1.31%	0.100%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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

72	19.156	2744	2749	2756	rBV2	131724	223685	6.29%	0.481%
73	19.274	2766	2769	2771	rVB2	12864	11931	0.34%	0.026%
74	19.380	2781	2787	2792	rBV	1992042	2772060	77.90%	5.966%
75	19.433	2792	2796	2804	rVB2	225297	379215	10.66%	0.816%
76	19.715	2839	2844	2847	rBV	1610708	1732279	48.68%	3.728%
77	19.751	2847	2850	2855	rVB	3030941	3355917	94.31%	7.222%
78	20.474	2966	2973	2977	rBV5	56999	126136	3.54%	0.271%
79	20.692	3006	3010	3013	rBV	618164	652392	18.33%	1.404%
80	20.727	3013	3016	3023	rVB	1234086	1255607	35.28%	2.702%
81	21.186	3089	3094	3103	rBV2	1344142	1771545	49.78%	3.813%
82	21.315	3113	3116	3119	rBV	88232	103871	2.92%	0.224%
83	21.562	3154	3158	3160	rBV	331117	369911	10.39%	0.796%
84	21.592	3160	3163	3167	rVB	660499	684446	19.23%	1.473%
85	21.739	3185	3188	3191	rVB	112346	122760	3.45%	0.264%
86	22.156	3256	3259	3261	rBV	125130	142358	4.00%	0.306%
87	22.186	3261	3264	3270	rVB2	203859	290522	8.16%	0.625%
88	22.462	3307	3311	3314	rBV	261893	369669	10.39%	0.796%
89	22.497	3314	3317	3324	rVB	566517	689290	19.37%	1.483%
90	22.674	3343	3347	3355	rVB	263387	378062	10.62%	0.814%
91	23.244	3436	3444	3456	rVB2	1766089	3558556	100.00%	7.658%
92	23.386	3463	3468	3479	rVB2	1014271	1882398	52.90%	4.051%
93	23.838	3541	3545	3552	rVB	237261	408381	11.48%	0.879%

Sum of corrected areas: 46466331

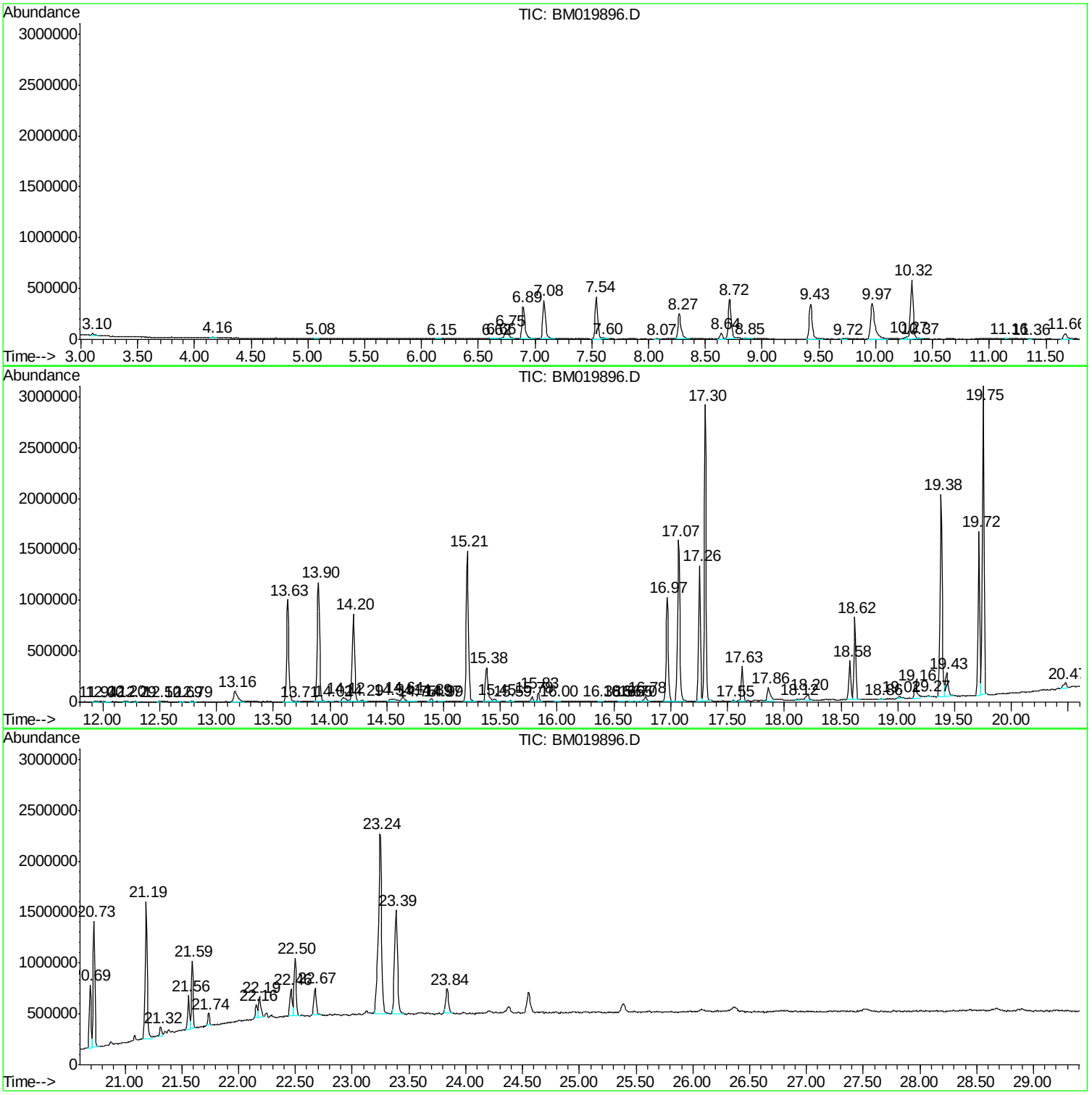
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
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Misc :
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Instrument : BNA_M
ClientSampleId : BF5E9

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

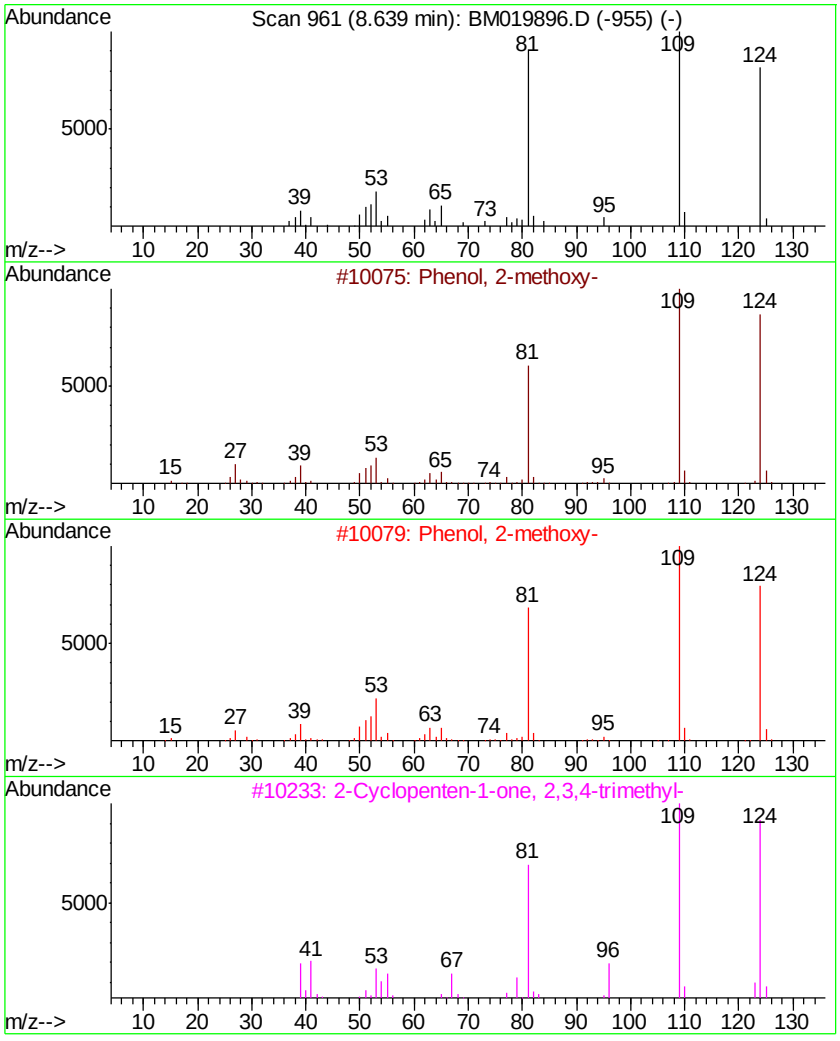
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

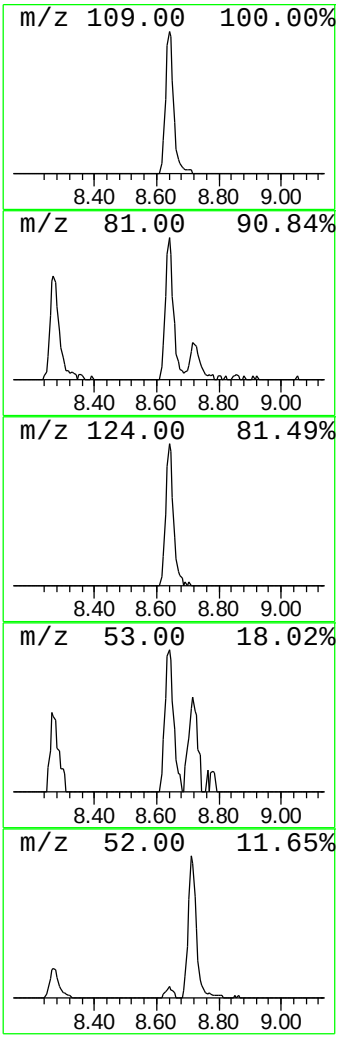
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.99 ng/ul	103840	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
3	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	86
4	Mequinol	124	C7H8O2	000150-76-5	78
5	Mequinol	124	C7H8O2	000150-76-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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

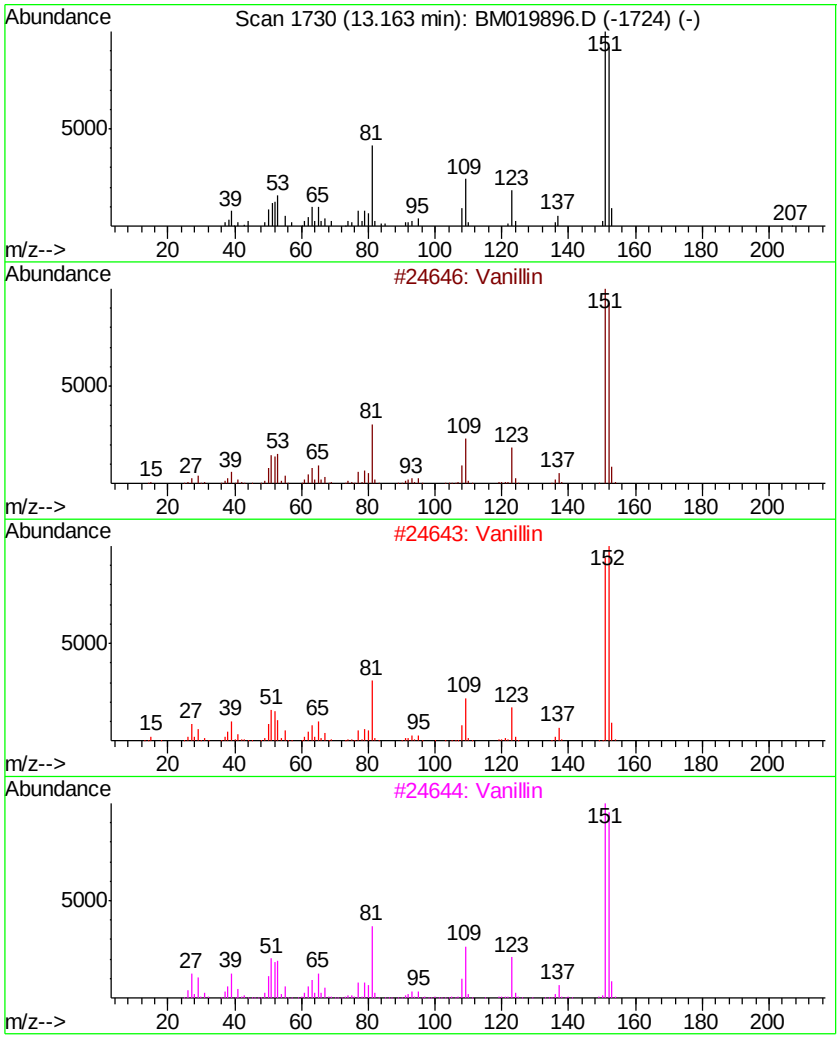
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

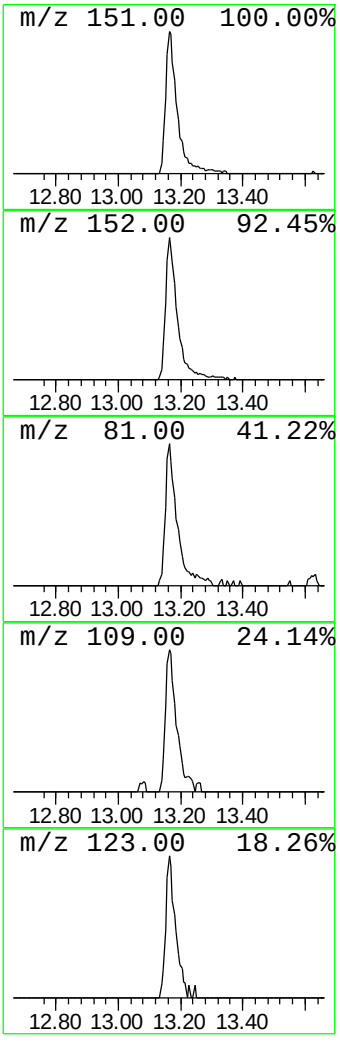
****

Peak Number 2 Vanillin Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.11 ng/ul	267218	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Vanillin	152	C8H8O3	000121-33-5	95





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Instrument : BNA_M
ClientSampleId : BF5E9

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

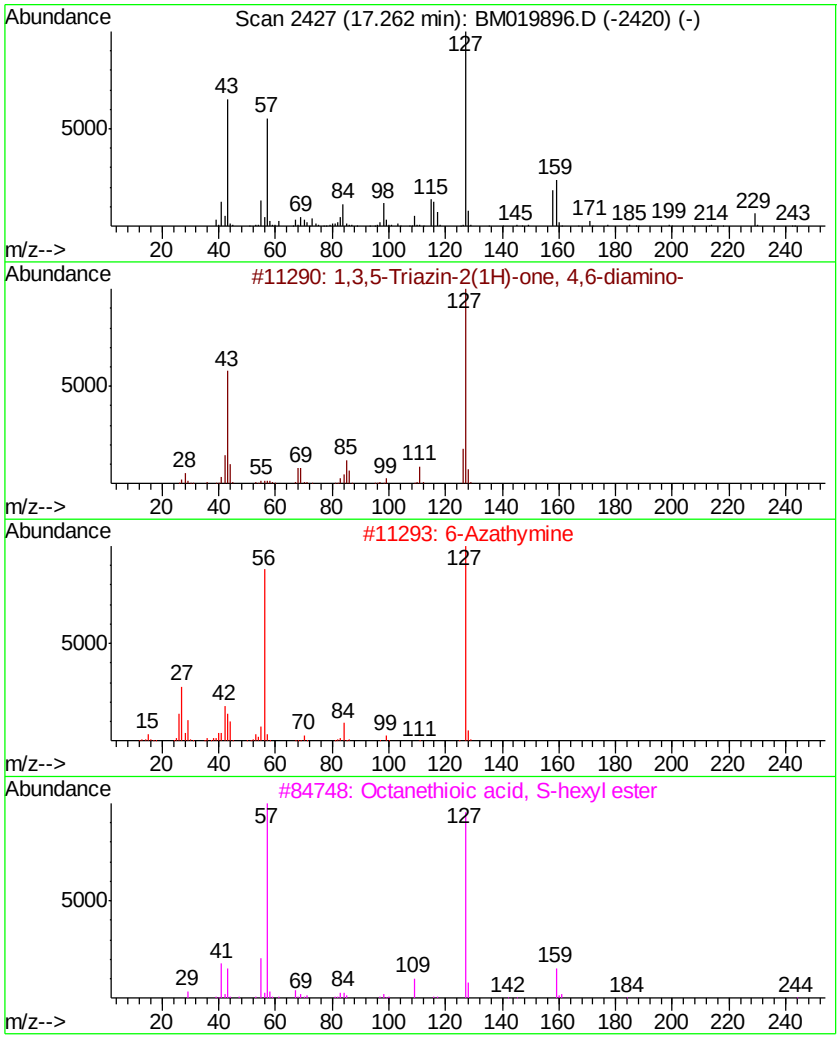
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

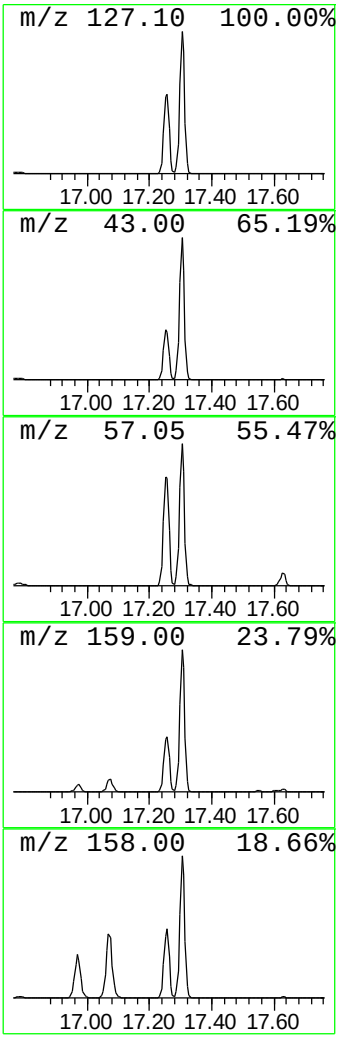
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	22.87 ng/ul	1630710	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43
2	6-Azathymine	127	C4H5N3O2	000932-53-6	43
3	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	40
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
5	Pyridine, 2-chloro-5-methyl-	127	C6H6ClN	018368-64-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
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Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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

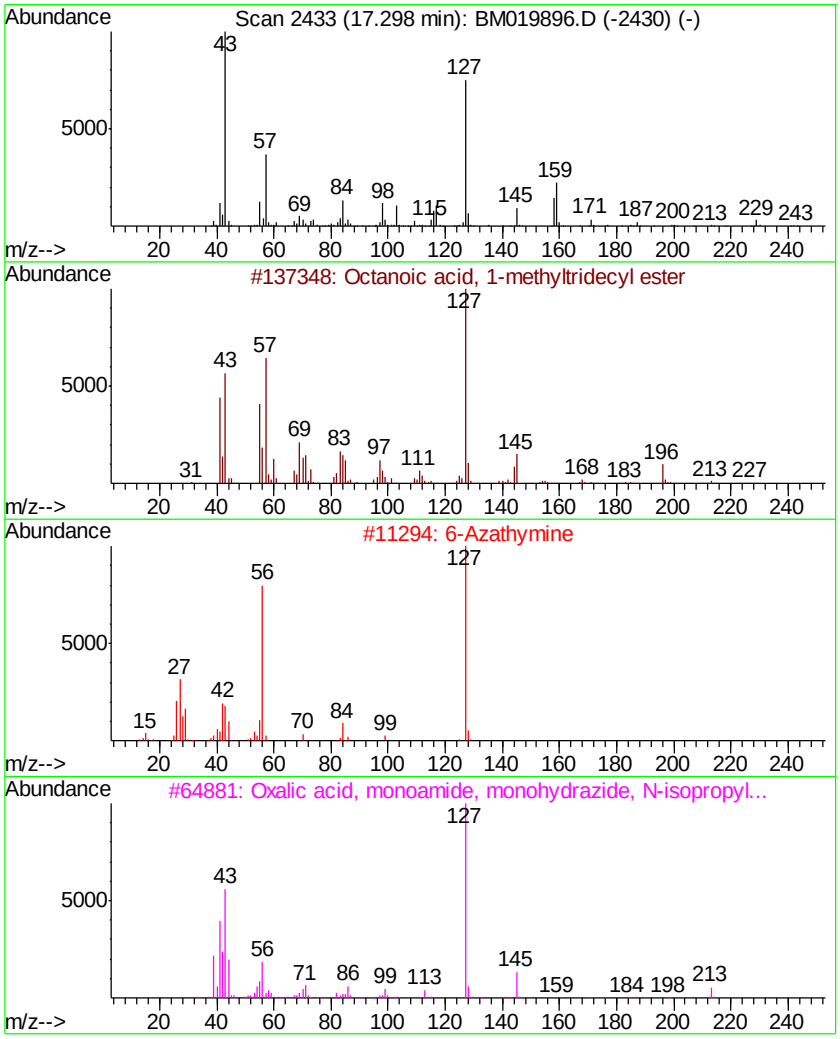
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

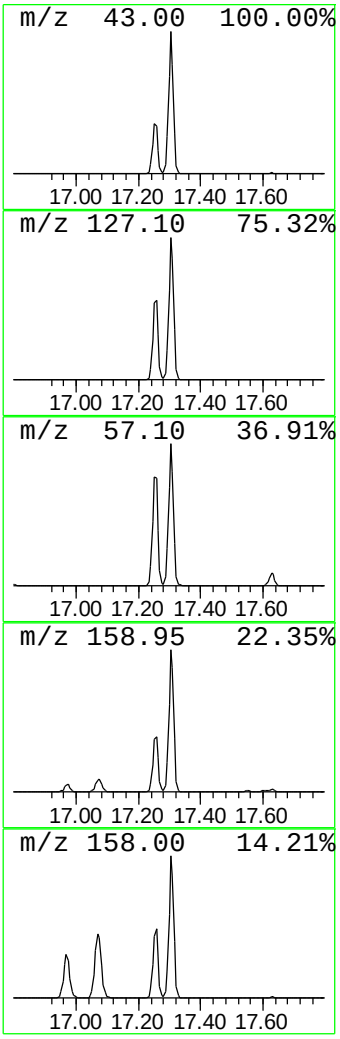
****

Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	45.67 ng/ul	3255780	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	38
2	6-Azathymine	127	C4H5N3O2	000932-53-6	38
3	Oxalic acid, monoamide, monohydr...	213	C10H19N3O2	1000265-20-0	37
4	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	32
5	6-Azathymine	127	C4H5N3O2	000932-53-6	32





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Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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

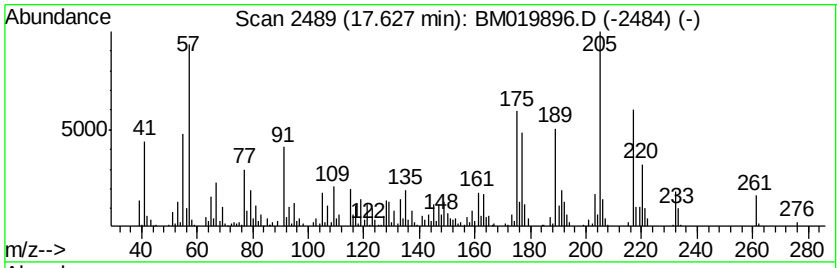
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

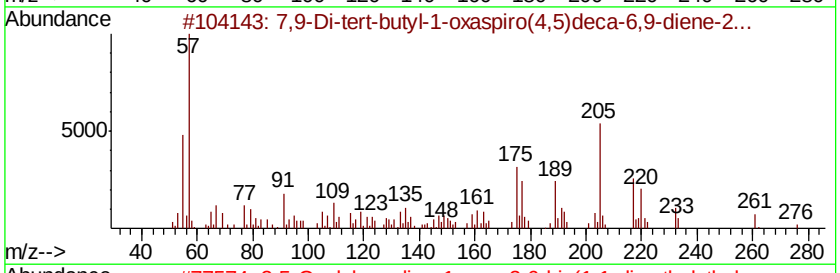
****

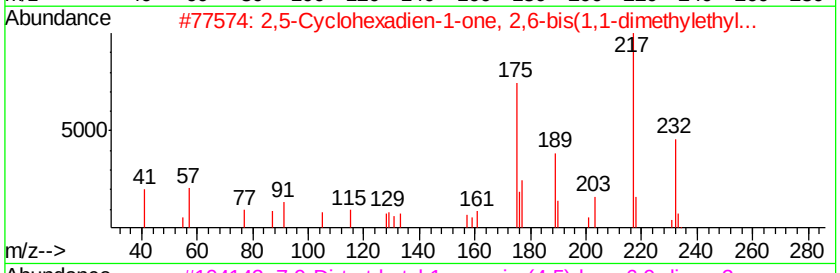
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 11

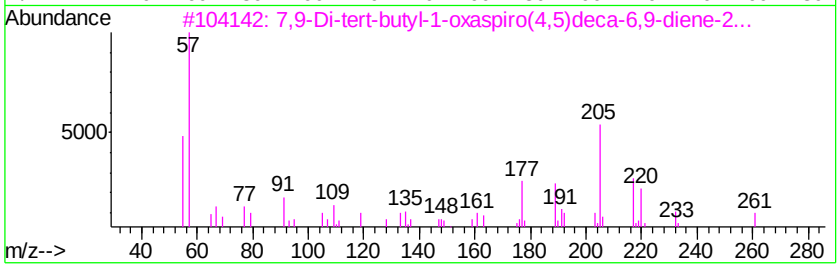
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	5.92 ng/ul	422143	Phenanthrene-d10	16.97

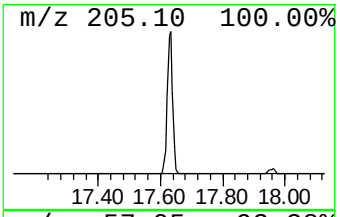
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	94
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50

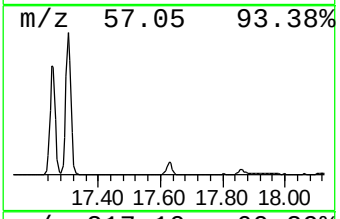


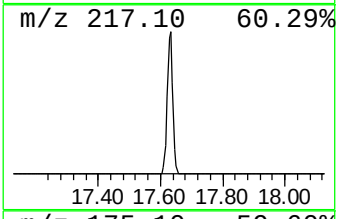


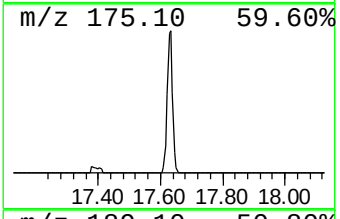


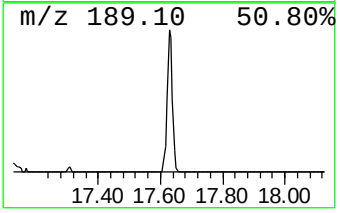












Library Search Compound Report

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Operator : JU/SJ
Sample : K2149-07
Misc :
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Instrument : BNA_M
ClientSampleId : BF5E9

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Quant Title : SVOA CALIBRATION

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

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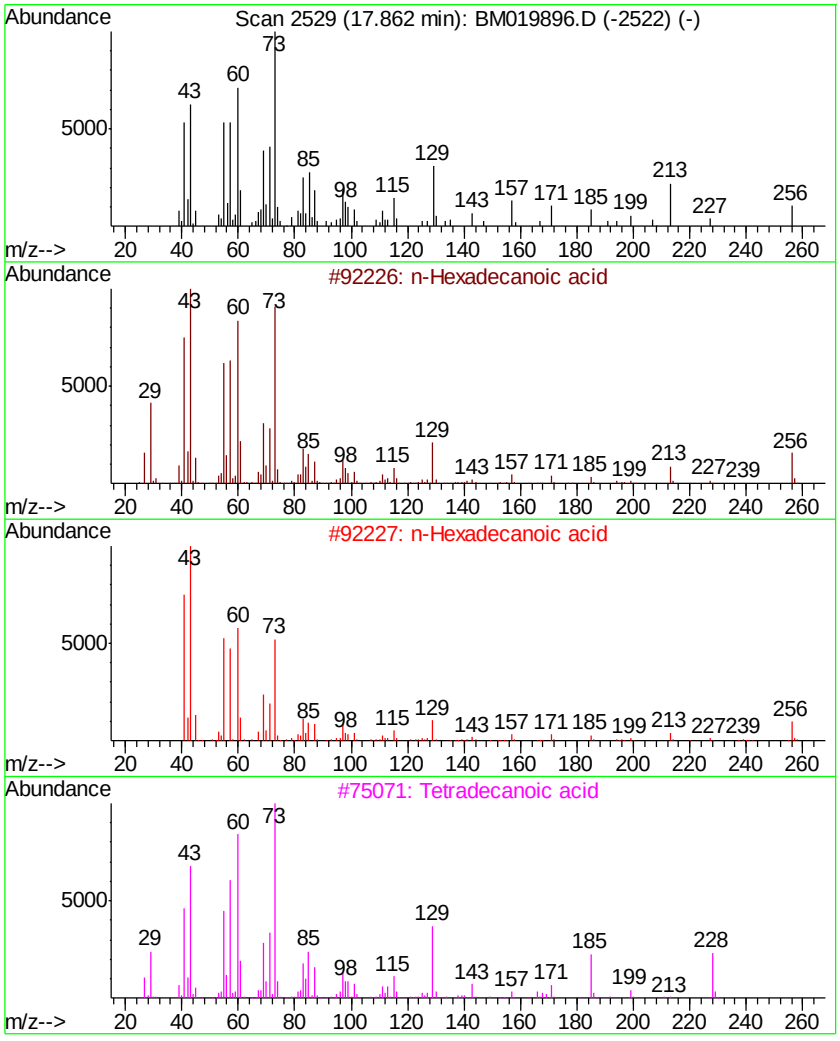
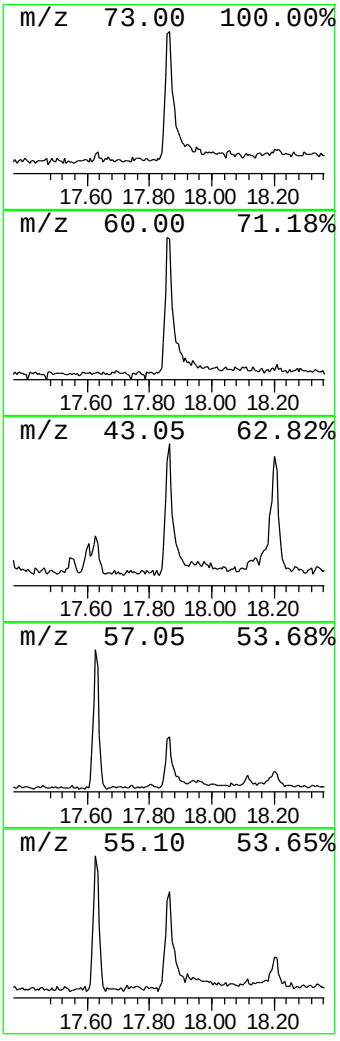
Peak Number 6 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.49 ng/ul	249096	Phenanthrene-d10	16.97

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Hexadecane	226	C16H34	000544-76-3	25





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Instrument : BNA_M
ClientSampleId : BF5E9

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Quant Title : SVOA CALIBRATION

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

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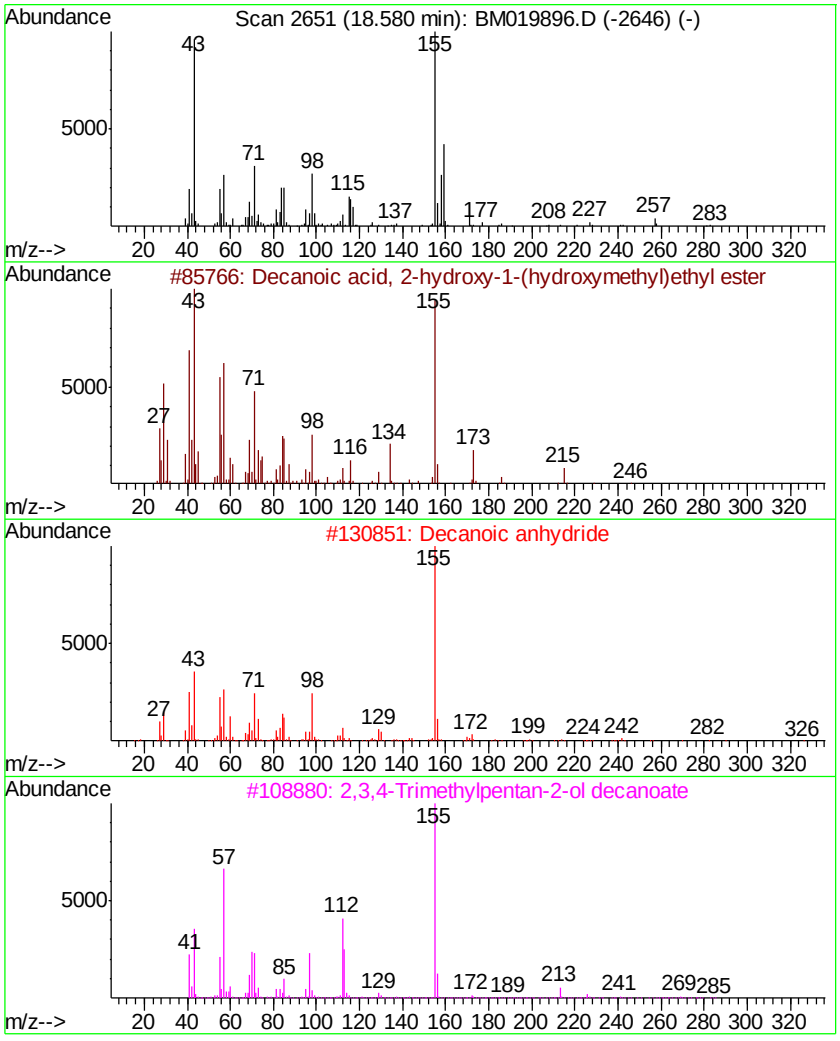
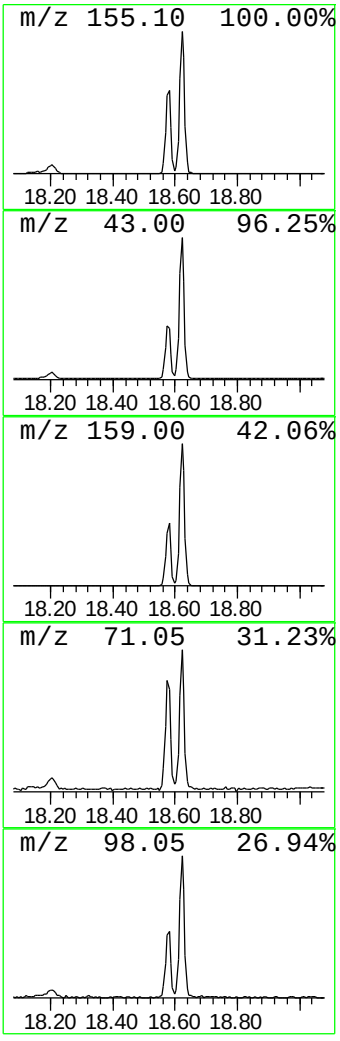
Peak Number 7 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	6.51 ng/ul	464285	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	47
2	Decanoic anhydride	326	C20H38O3	002082-76-0	47
3	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	32
4	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	16
5	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	12





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Quant Title : SVOA CALIBRATION

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

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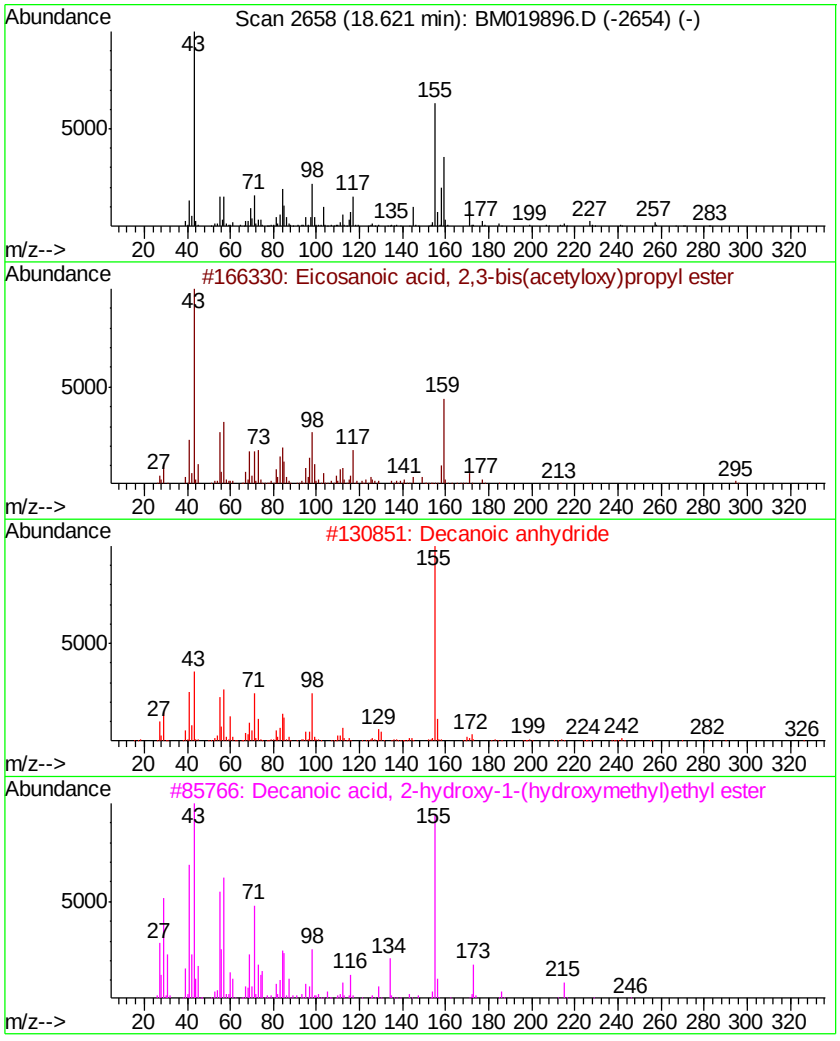
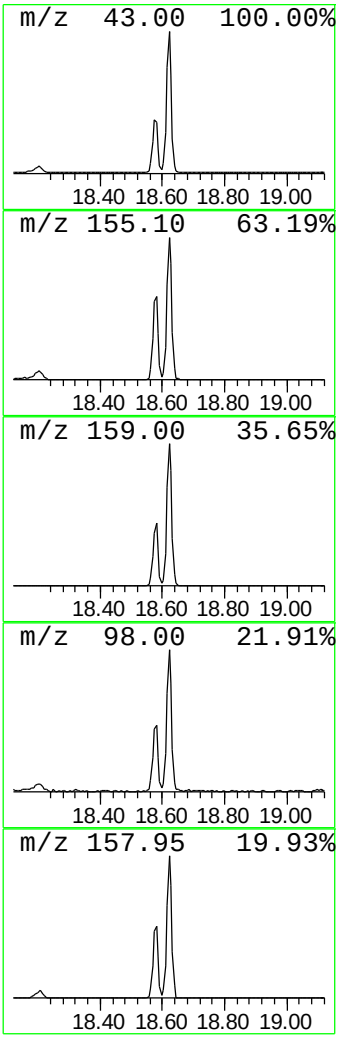
Peak Number 8 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	12.67 ng/ul	903570	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	38
2	Decanoic anhydride	326	C20H38O3	002082-76-0	25
3	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	23
4	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	17
5	6-Oxadodecane, 1-[1-cycloazaprop...	213	C13H27NO	1000251-59-0	14





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Quant Title : SVOA CALIBRATION

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

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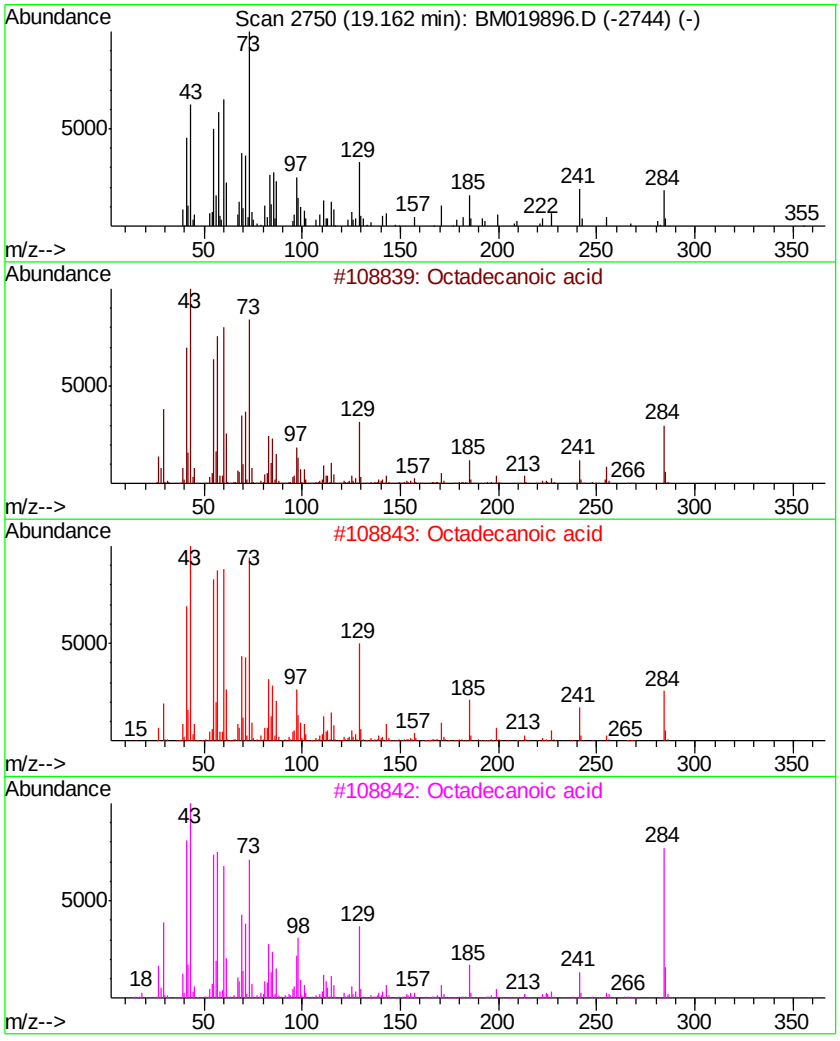
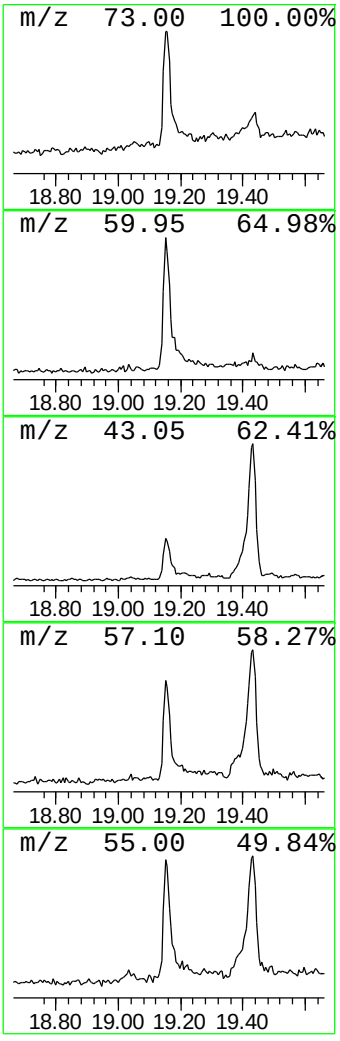
Peak Number 9 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.53 ng/ul	223685	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	30





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Quant Title : SVOA CALIBRATION

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

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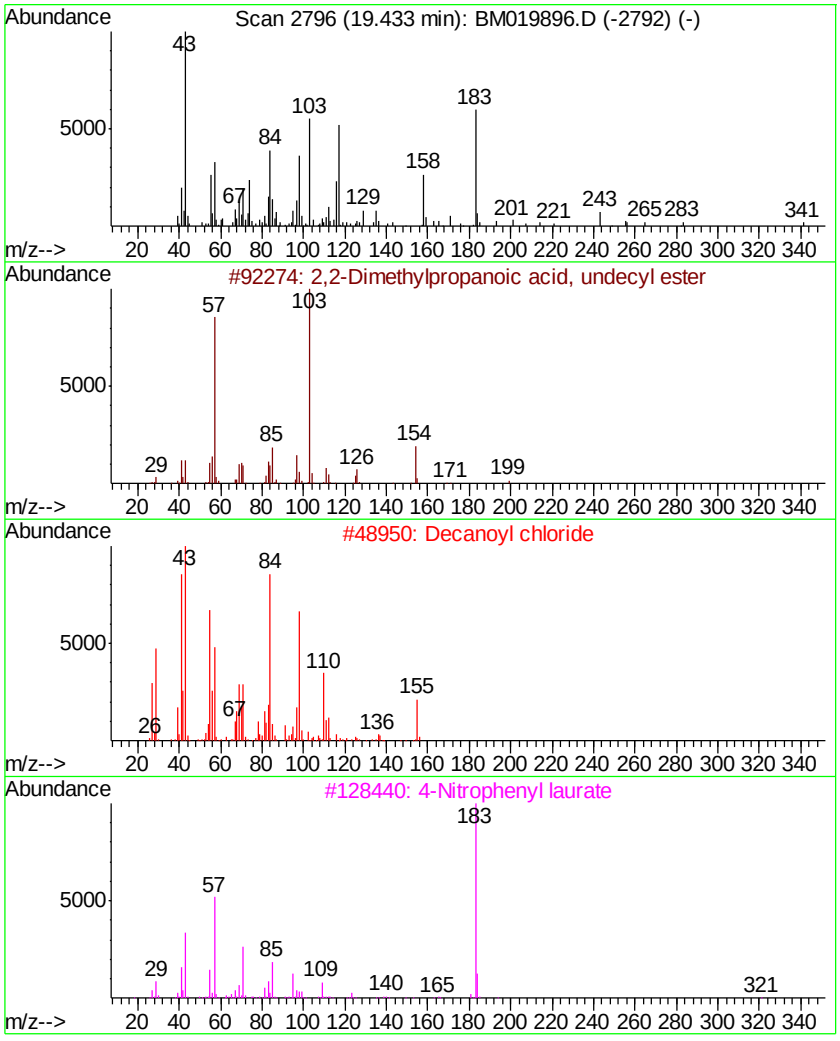
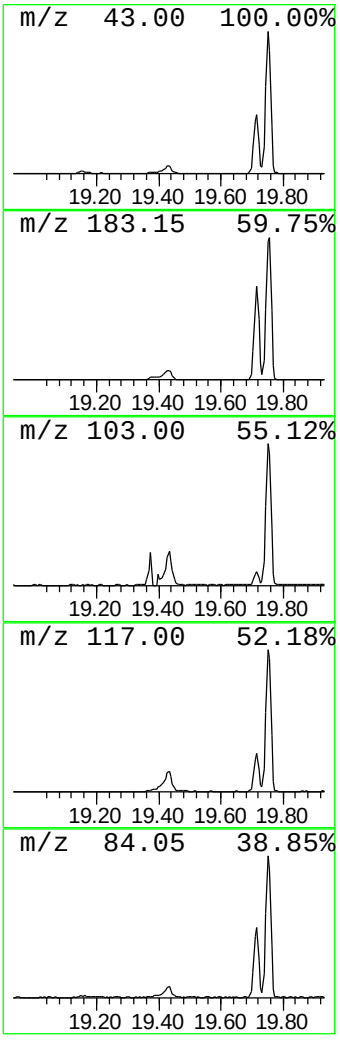
Peak Number 10 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	4.28 ng/ul	379215	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylpropanoic acid, unde...	256	C16H32O2	227953-78-8	10
2	Decanoyl chloride	190	C10H19ClO	000112-13-0	10
3	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	10
4	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	10
5	Lauric anhydride	382	C24H46O3	000645-66-9	9





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Instrument : BNA_M
ClientSampleId : BF5E9

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Quant Title : SVOA CALIBRATION

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

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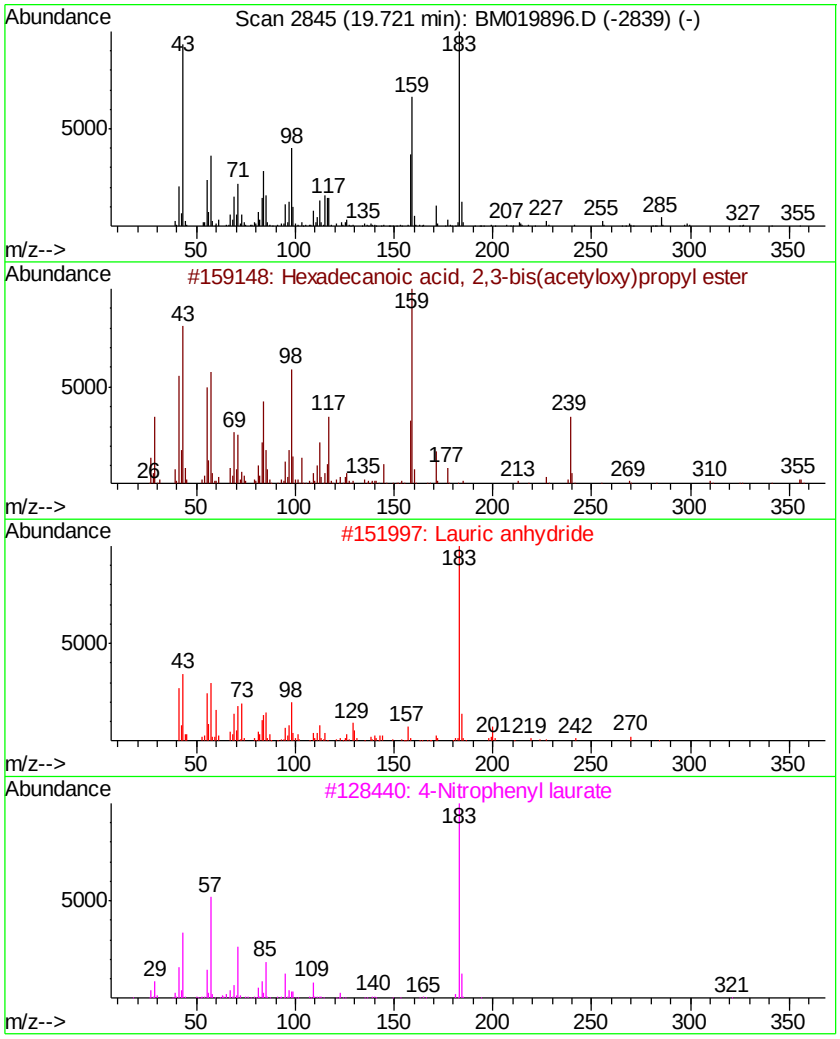
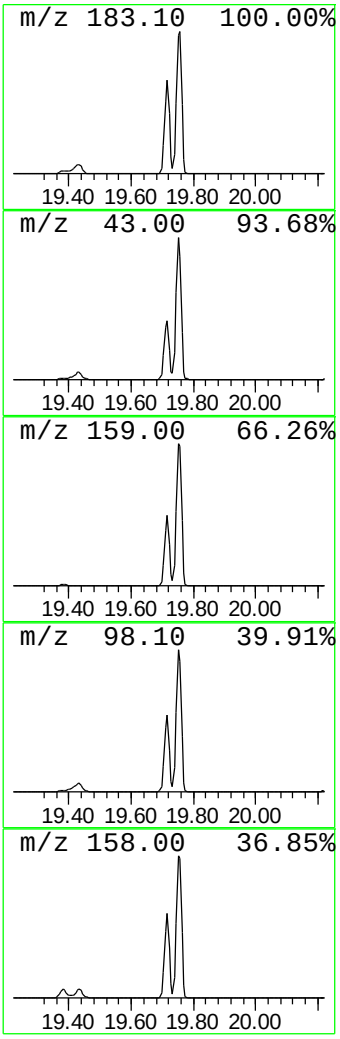
Peak Number 11 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	19.56 ng/ul	1732280	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	32
2	Lauric anhydride	382	C24H46O3	000645-66-9	32
3	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
4	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	22
5	1-[(4-Chlorophenyl)sulfonyl]acet...	247	C9H10ClNO3S	1000266-17-1	22





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Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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Quant Title : SVOA CALIBRATION

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

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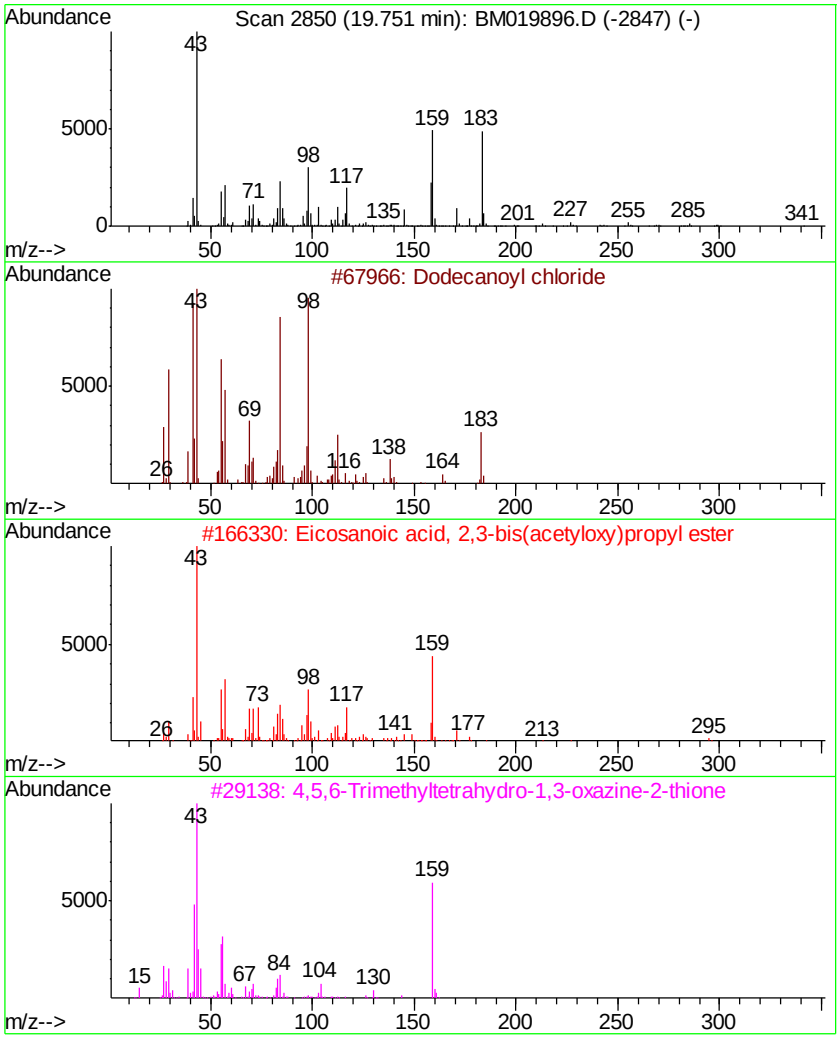
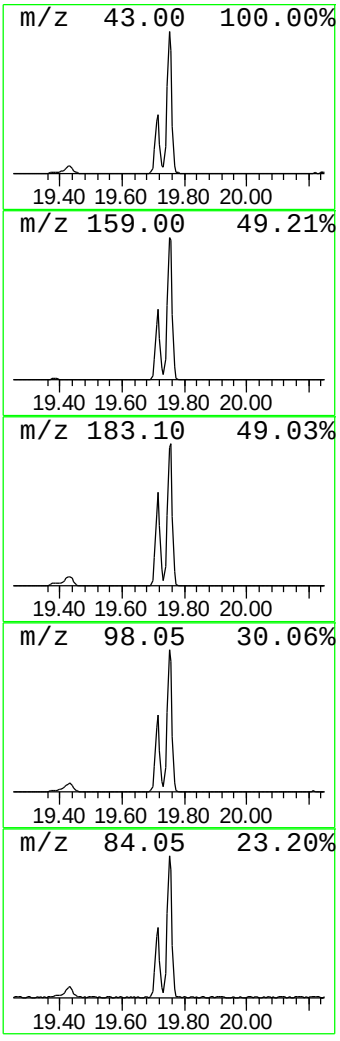
Peak Number 12 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	37.89 ng/ul	3355920	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
2	Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	16
3	4,5,6-Trimethyltetrahydro-1,3-oxazine-2-thione	159	C7H13NOS	085333-98-8	9
4	Octadecanoic acid, 3-hydroxypropyl ester	342	C21H42O3	010108-23-3	9
5	1,2,4-Butanetriol, triacetate	232	C10H16O6	014835-47-3	9





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Quant Title : SVOA CALIBRATION

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

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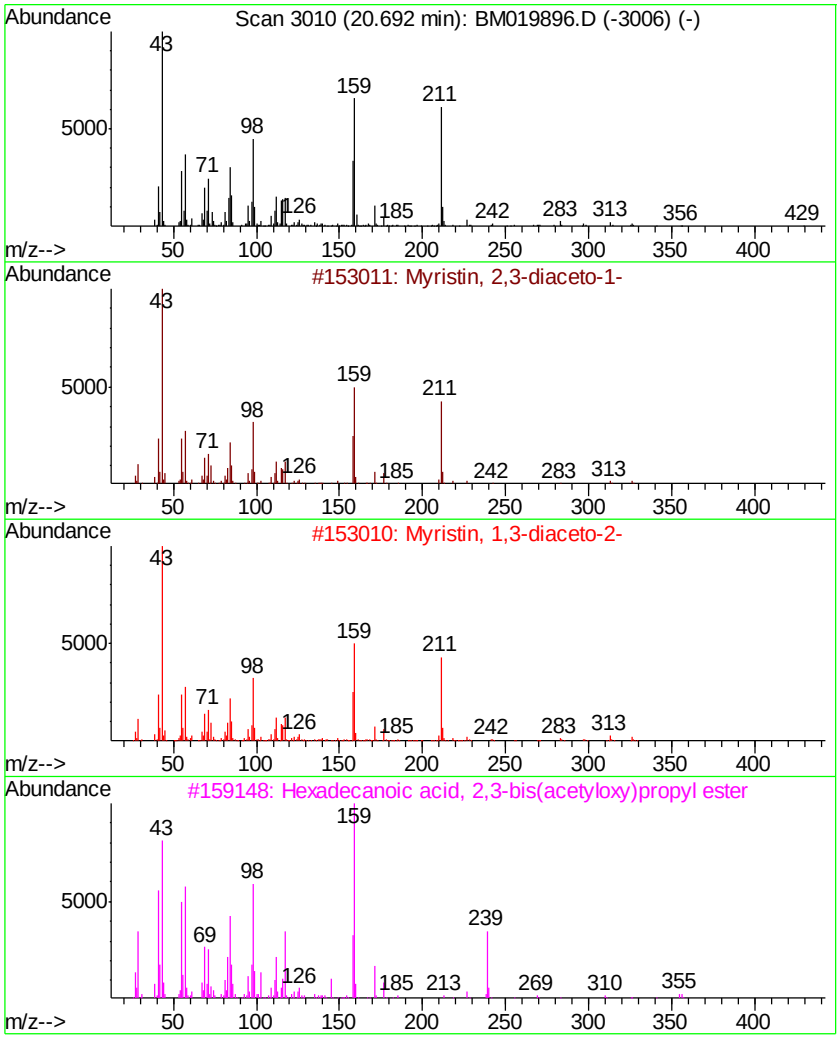
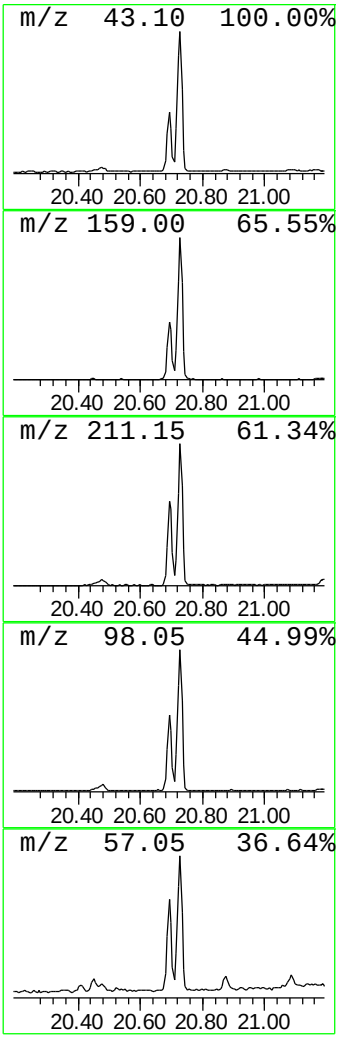
Peak Number 13 Myristin, 2,3-diaceto-1- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	7.37 ng/ul	652392	Chrysene-d12	21.19

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	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	50
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	47





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Quant Title : SVOA CALIBRATION

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

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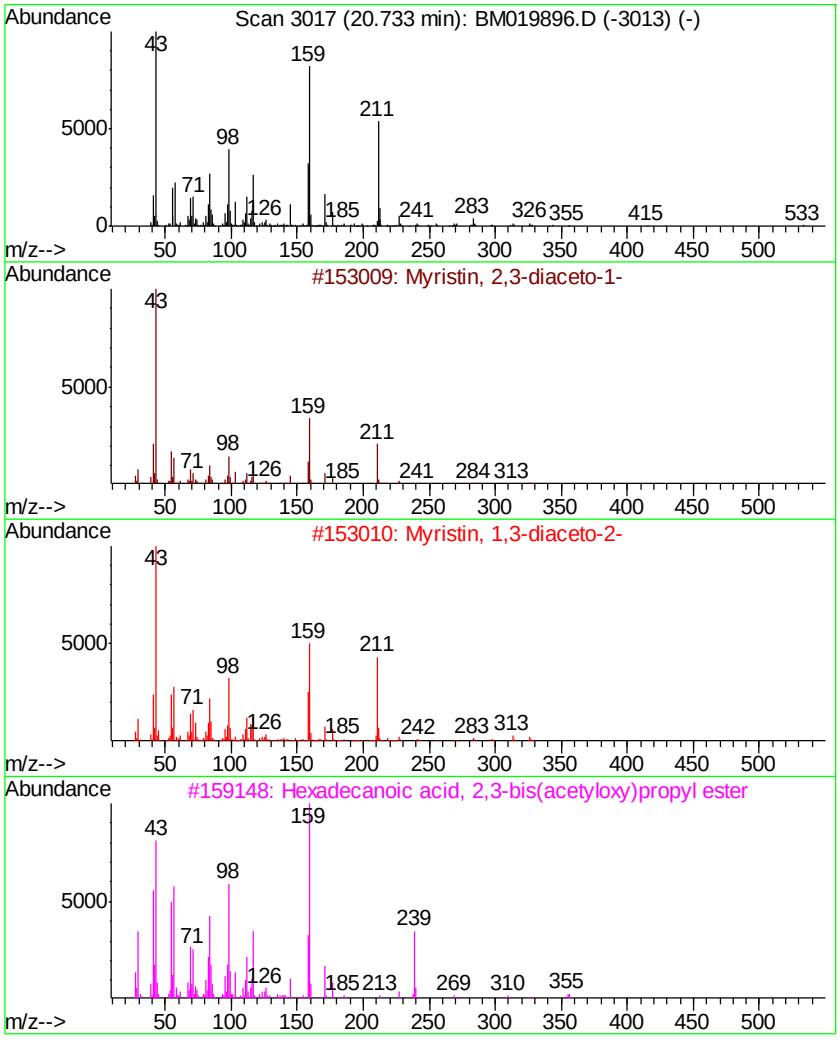
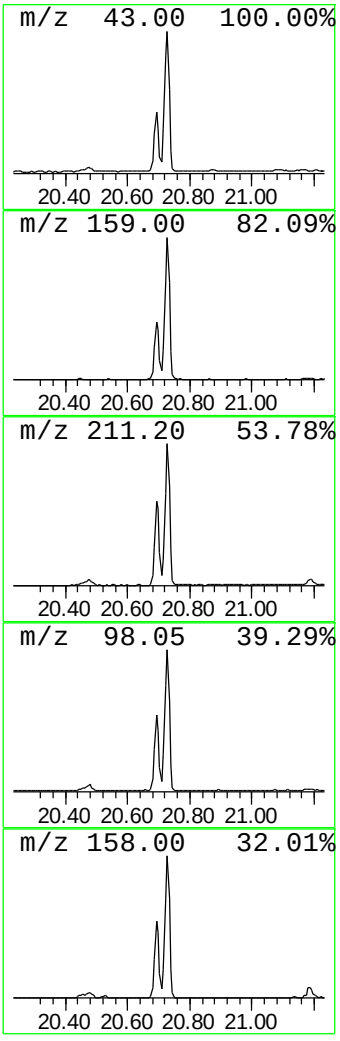
Peak Number 14 Myristin, 1,3-diaceto-2- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	14.18 ng/ul	1255610	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	83
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	70
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	62
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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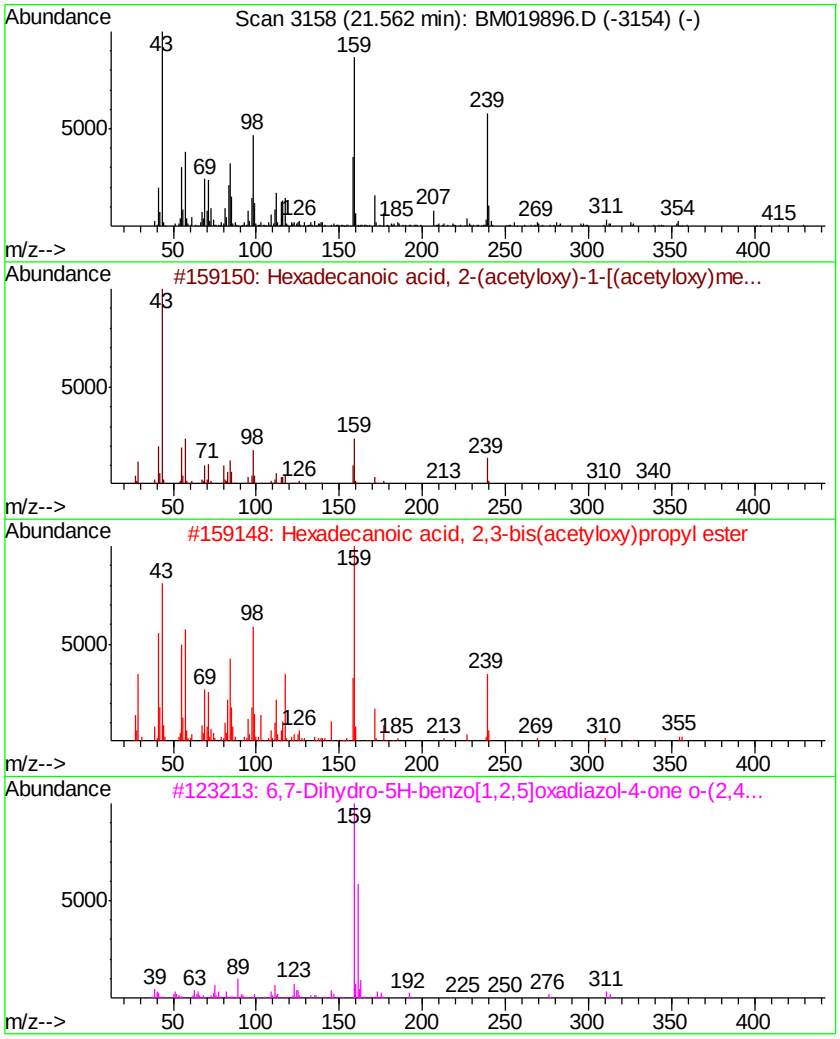
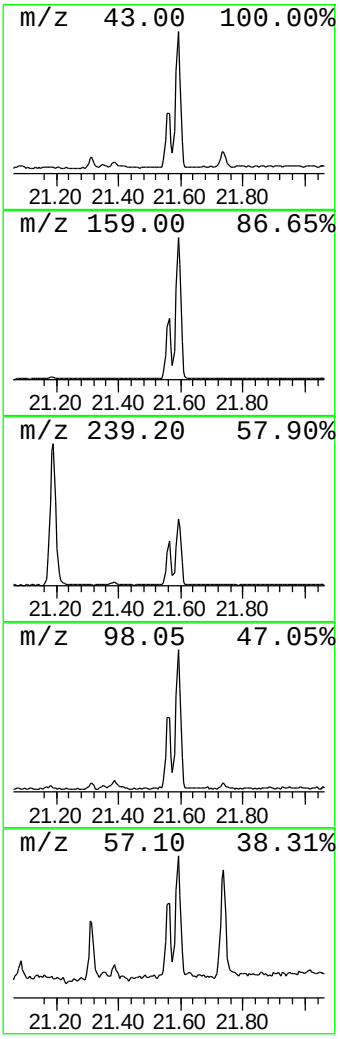
Peak Number 15 Hexadecanoic acid, 2-(acety... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	4.18 ng/ul	369911	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	91
2	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	81
3	6,7-Dihydro-5H-benzo[1,2,5]oxadi...	311	C13H11Cl2N3O2	1000296-71-8	22
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	16
5	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	16





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Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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

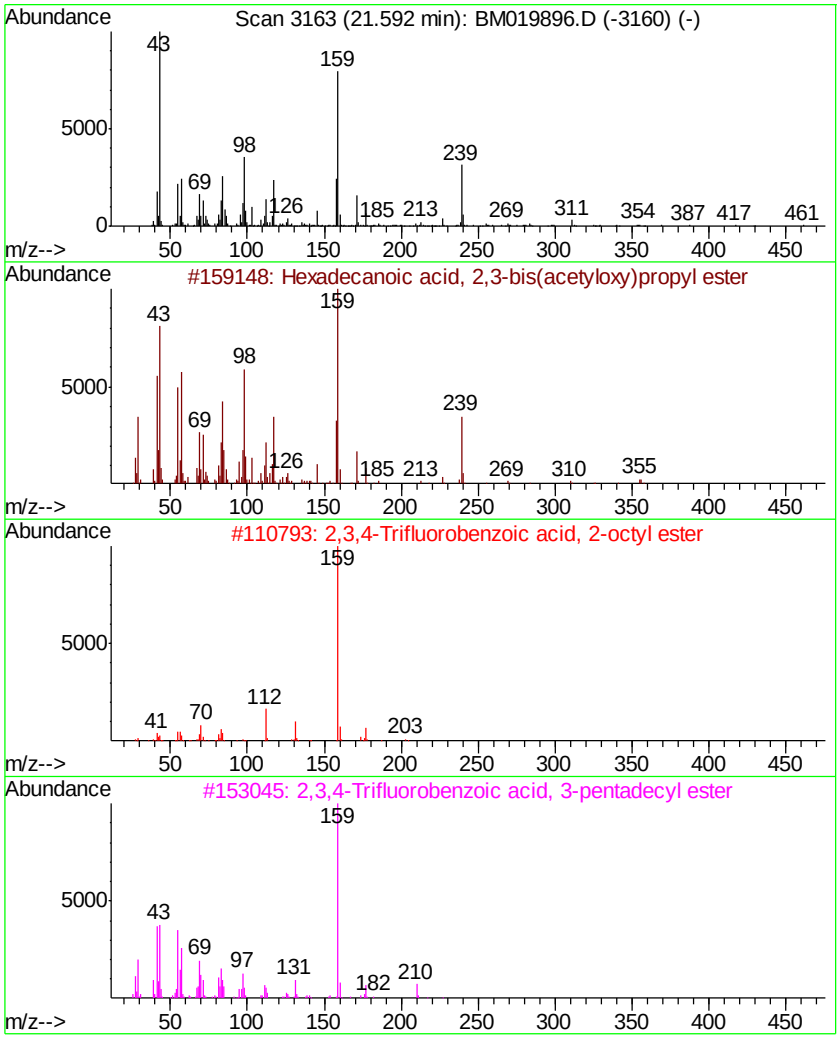
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

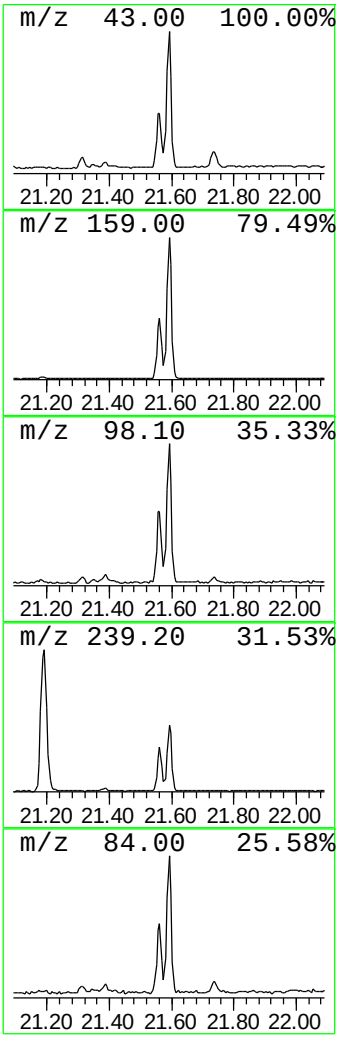
****

Peak Number 16 Hexadecanoic acid, 2,3-bis(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	7.73 ng/ul	684446	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	70
2	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	25
3	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	25
4	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	25
5	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	25





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Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

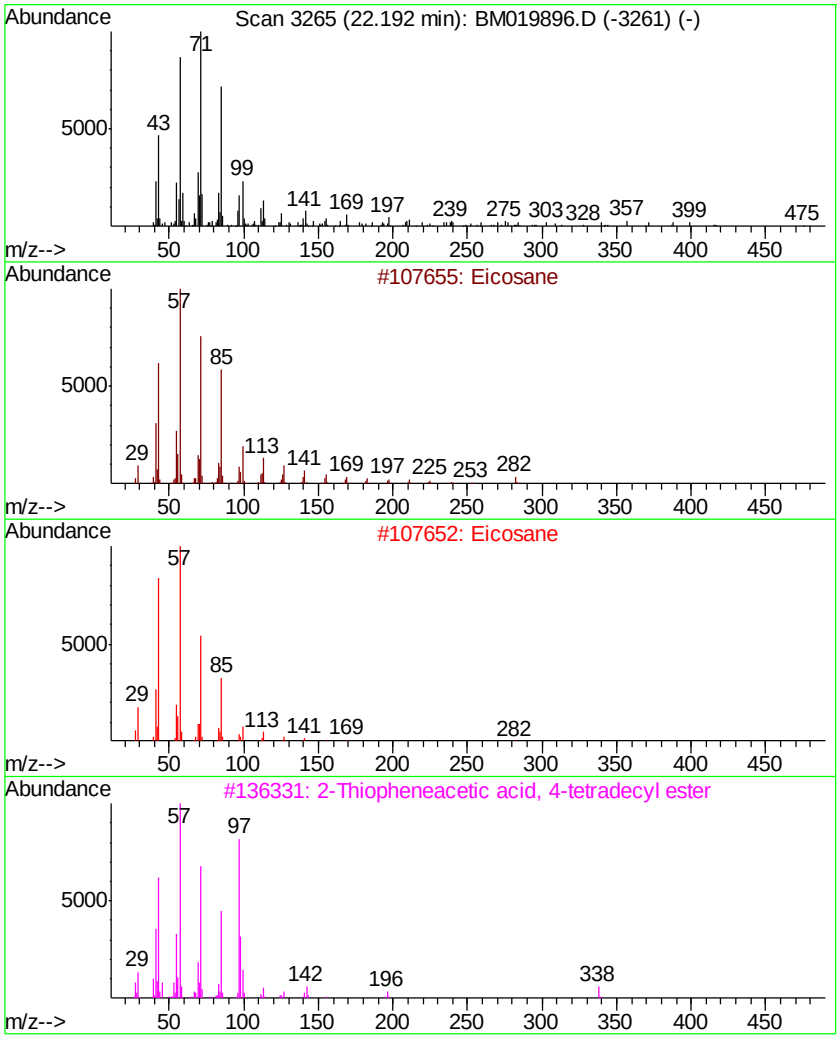
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

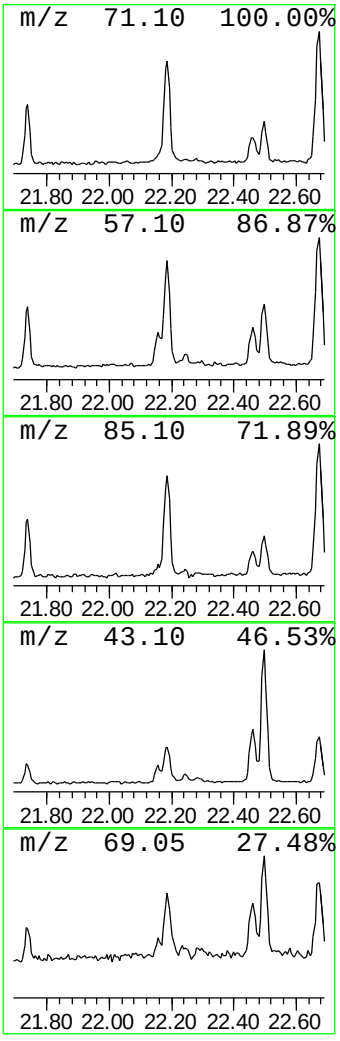
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.28 ng/ul	290522	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	90
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78





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Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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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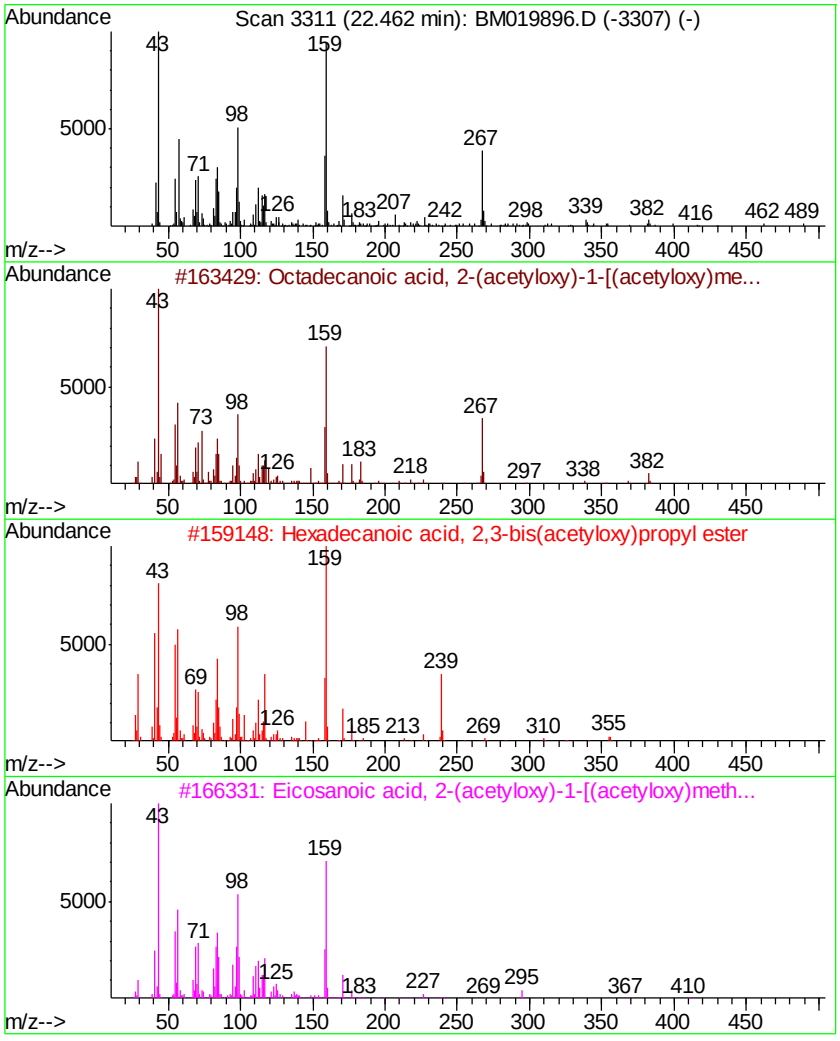
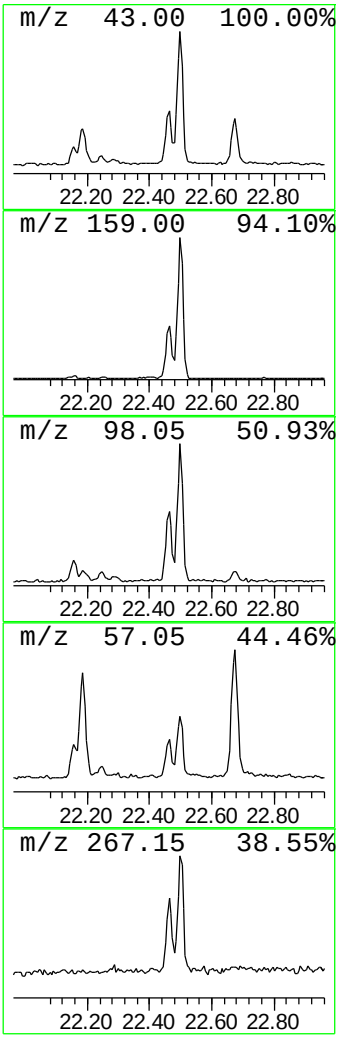
Peak Number 18 Octadecanoic acid, 2-(acety... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	3.93 ng/ul	369669	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	90
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	59
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	43
4	2,3,4-Trifluorobenzoic acid, 3-t...	358	C20H29F3O2	1000280-61-8	38
5	Carbendazim	191	C9H9N3O2	010605-21-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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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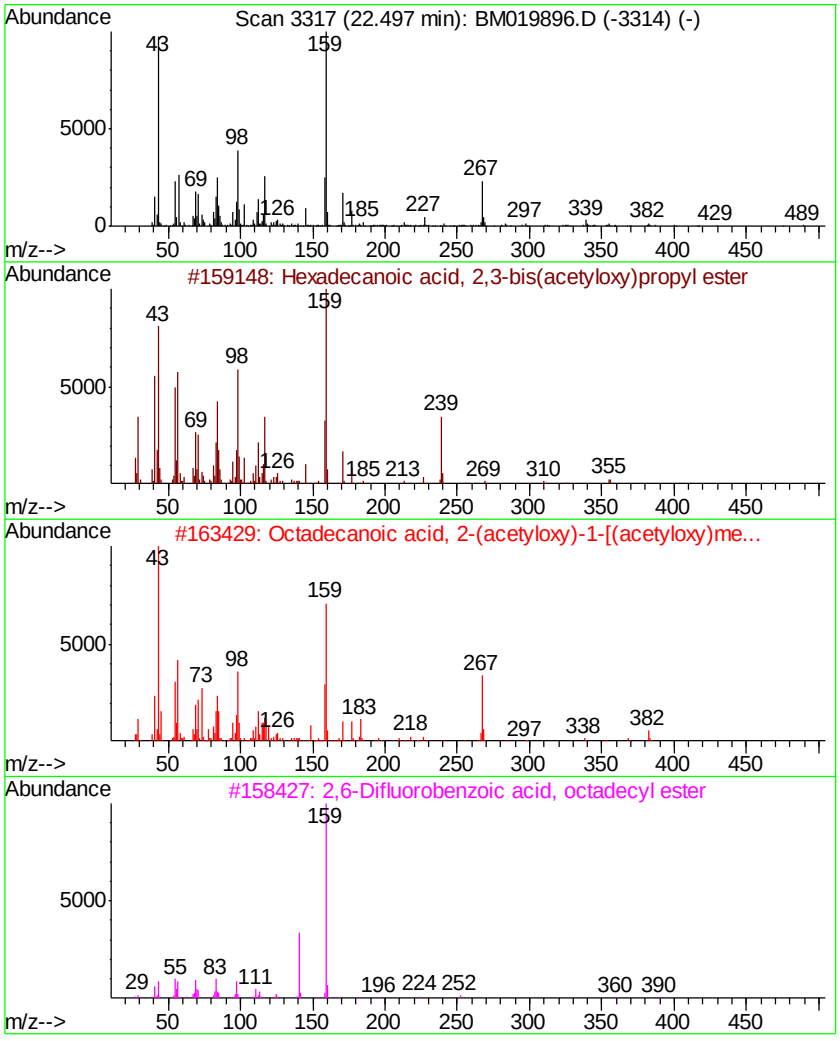
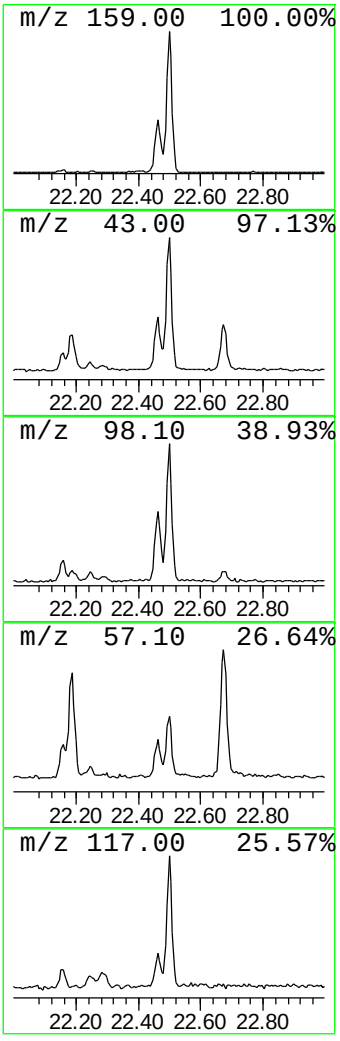
Peak Number 19 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	7.32 ng/ul	689290	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	62
2	Octadecanoic acid, 2-(acetyloxy)-1-[(acetyloxy)me...	442	C25H46O6	055401-62-2	46
3	2,6-Difluorobenzoic acid, octadecyl ester	410	C25H40F2O2	1000292-39-7	27
4	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	27
5	Carbendazim	191	C9H9N3O2	010605-21-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019896.D
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Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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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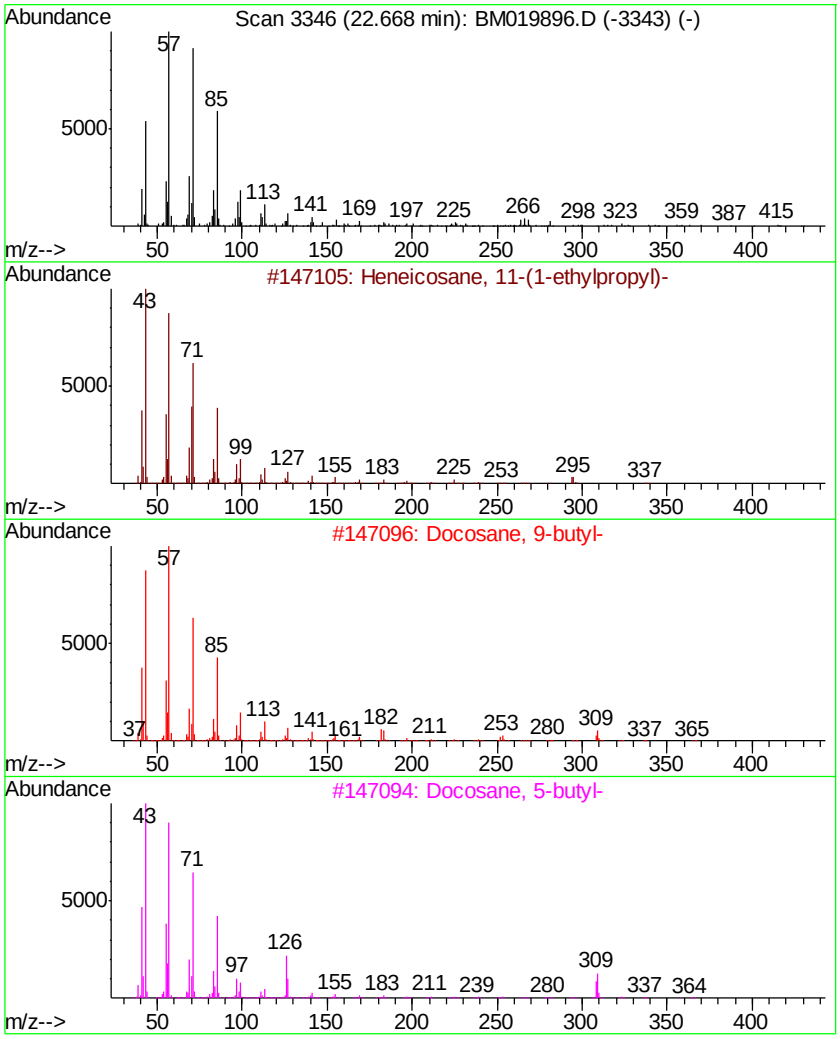
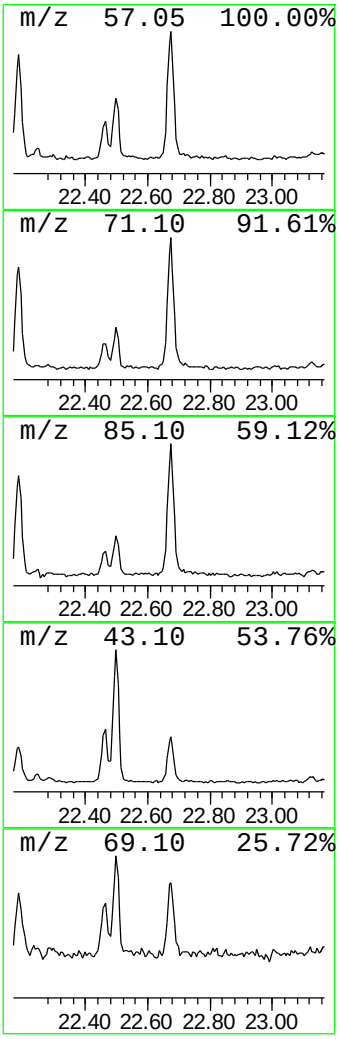
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	4.02 ng/ul	378062	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	86
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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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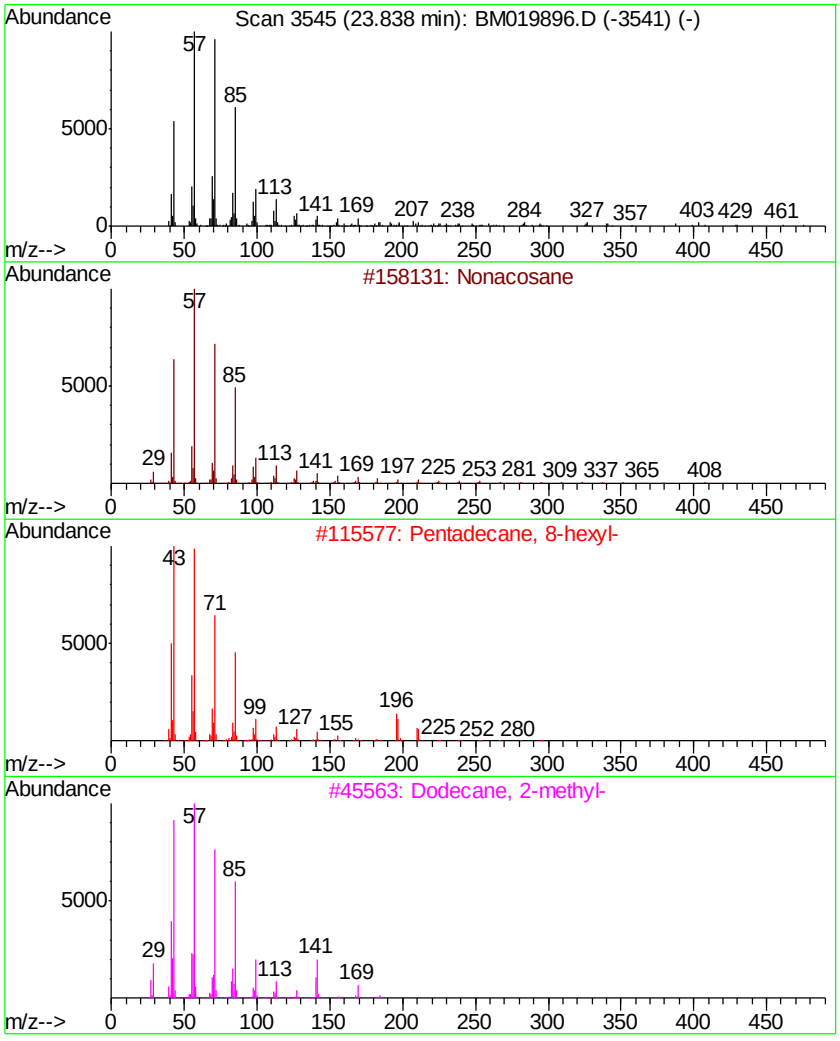
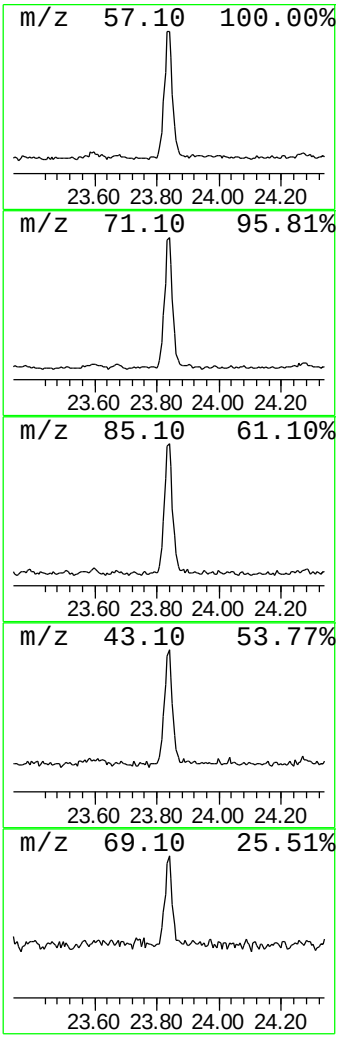
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	4.34 ng/ul	408381	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041119\
Data File : BM019896.D
Acq On : 11 Apr 2019 16:27
Operator : JU/SJ
Sample : K2149-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5E9

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
Phenol, 2-methoxy-	8.64	3.0	ng/ul	103840	1	7.54	695184	20.0
Vanillin	13.16	4.1	ng/ul	267218	3	14.20	1301120	20.0
unknown-01	17.26	22.9	ng/ul	1630710	4	16.97	1425790	20.0
unknown-02	17.30	45.7	ng/ul	3255780	4	16.97	1425790	20.0
7,9-Di-tert-butyl...	17.63	5.9	ng/ul	422143	4	16.97	1425790	20.0
n-Hexadecanoic acid	17.86	3.5	ng/ul	249096	4	16.97	1425790	20.0
unknown-03	18.58	6.5	ng/ul	464285	4	16.97	1425790	20.0
unknown-04	18.62	12.7	ng/ul	903570	4	16.97	1425790	20.0
Octadecanoic acid	19.16	2.5	ng/ul	223685	5	21.19	1771550	20.0
unknown-05	19.43	4.3	ng/ul	379215	5	21.19	1771550	20.0
unknown-06	19.72	19.6	ng/ul	1732280	5	21.19	1771550	20.0
unknown-07	19.75	37.9	ng/ul	3355920	5	21.19	1771550	20.0
Myristin, 2,3-dia...	20.69	7.4	ng/ul	652392	5	21.19	1771550	20.0
Myristin, 1,3-dia...	20.73	14.2	ng/ul	1255610	5	21.19	1771550	20.0
Hexadecanoic acid...	21.56	4.2	ng/ul	369911	5	21.19	1771550	20.0
Hexadecanoic acid...	21.59	7.7	ng/ul	684446	5	21.19	1771550	20.0
(DEL) Alkane: Str...	22.19	3.3	ng/ul	290522	5	21.19	1771550	20.0
Octadecanoic acid...	22.46	3.9	ng/ul	369669	6	23.39	1882400	20.0
unknown-08	22.50	7.3	ng/ul	689290	6	23.39	1882400	20.0
(DEL) Alkane: Str...	22.67	4.0	ng/ul	378062	6	23.39	1882400	20.0
(DEL) Alkane: Str...	23.84	4.3	ng/ul	408381	6	23.39	1882400	20.0