LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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	3.099	17	19	26	rVB	20369	32102	0.84%	0.071%
2	4.163	195	200	206	rBV6	7445	15628	0.41%	0.035%
3	4.945	330	333	335	rBV4	2911	3946	0.10%	0.009%
4	5.504	424	428	429	rBV3	3264	3842	0.10%	0.009%
5	6.534	602	603	608	rBV4	2544	3816	0.10%	0.008%
6	6.657	621	624	628	rBV4	3245	5437	0.14%	0.012%
7	6.745	630	639	652	rVV3	86811	233648	6.14%	0.520%
8	6.898	659	665	684	rBV	311131	563436	14.80%	1.253%
9	7.081	689	696	713	rVB	382512	668578	17.57%	1.487%
10	7.257	720	726	728	rVB5	4018	7515	0.20%	0.017%
11	7.539	768	774	782	rBV	412232	654228	17.19%	1.455%
12	7.598	782	784	788	rVB5	5273	8797	0.23%	0.020%
13	8.081	863	866	870	rVB4	3352	4015	0.11%	0.009%
14	8.157	876	879	882	rBV3	3313	4870	0.13%	0.011%
15	8.269	890	898	912	rBV2	264418	526144	13.82%	1.170%
16	8.392	914	919	926	rVB7	6959	14913	0.39%	0.033%
17	8.639	955	961	967	rBV	64943	106770	2.81%	0.237%
18	8.716	967	974	982	rBV	388405	682979	17.94%	1.519%
19	9.104	1037	1040	1047	rVB6	2292	5070	0.13%	0.011%
20	9.169	1047	1051	1057	rBV4	2296	5263	0.14%	0.012%
21	9.428	1088	1095	1109	rBV	333243	625099	16.42%	1.390%
22	9.963	1180	1186	1210	rBV	399323	873307	22.94%	1.943%
23	10.257	1230	1236	1240	rBV	30737	60443	1.59%	0.134%
24	10.322	1240	1247	1254	rVV	542461	922896	24.25%	2.053%
25	10.375	1254	1256	1263	rVB5	9134	14316	0.38%	0.032%
26	10.492	1269	1276	1294	rBV	355833	824787	21.67%	1.835%
27	10.874	1334	1341	1343	rBV3	7341	11819	0.31%	0.026%
28	10.933	1346	1351	1360	rVB6	8979	20598	0.54%	0.046%
29	11.669	1470	1476	1488	rBV	36287	87698	2.30%	0.195%
30	11.933	1517	1521	1526	rBV3	6509	12681	0.33%	0.028%
31	12.198	1561	1566	1573	rVB	36954	57192	1.50%	0.127%
32	12.498	1613	1617	1618	rBV2	6497	7043	0.19%	0.016%
33	12.786	1662	1666	1671	rBV4	5093	7895	0.21%	0.018%
34	13.080	1712	1716	1720	rVB3	4546	7485	0.20%	0.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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	13.163	1723	1730	1743	rBV	96799	240377	6.32%	0.535%
36	13.627	1803	1809	1821	rBV	880771	1254075	32.95%	2.790%
37	13.898	1848	1855	1864	rBV	1077285	1582731	41.58%	3.521%
38	14.015	1872	1875	1876	rBV2	3279	4070	0.11%	0.009%
39	14.121	1885	1893	1901	rBV2	34444	92774	2.44%	0.206%
40	14.204	1901	1907	1917	rVV2	780614	1192946	31.34%	2.654%
41	14.286	1917	1921	1927	rVB4	10258	16399	0.43%	0.036%
42	14.557	1960	1967	1977	rBV7	15693	54395	1.43%	0.121%
43	14.639	1977	1981	1991	rVV	104483	168302	4.42%	0.374%
44	14.827	2009	2013	2016	rVB4	2594	4115	0.11%	0.009%
45	14.892	2019	2024	2031	rVV3	19951	32693	0.86%	0.073%
46	14.986	2035	2040	2044	rBV6	3167	6828	0.18%	0.015%
47	15.145	2063	2067	2072	rBV3	15121	23335	0.61%	0.052%
48	15.210	2072	2078	2091	rVB	1261400	1867965	49.08%	4.155%
49	15.386	2102	2108	2116	rBV	100031	194595	5.11%	0.433%
50	15.451	2116	2119	2122	rVB4	13703	17158	0.45%	0.038%
51	15.592	2139	2143	2149	rVB3	9346	14253	0.37%	0.032%
52	15.780	2169	2175	2179	rBV	234098	278943	7.33%	0.620%
53	15.833	2179	2184	2193	rVB	475788	554939	14.58%	1.234%
54	15.998	2210	2212	2216	rVB3	4614	4982	0.13%	0.011%
55	16.374	2273	2276	2280	rBV5	10280	15496	0.41%	0.034%
56	16.562	2303	2308	2310	rVB5	5867	8364	0.22%	0.019%
57	16.698	2325	2331	2333	rBV2	24829	39767	1.04%	0.088%
58	16.774	2337	2344	2354	rVB	237911	389996	10.25%	0.868%
59	16.968	2371	2377	2386	rVV2	944883	1309664	34.41%	2.913%
60	17.068	2388	2394	2406	rVV2	1378286	1992749	52.36%	4.433%
61	17.256	2420	2426	2430	rBV	1058394	1278729	33.60%	2.844%
62	17.304	2430	2434	2440	rVB	2080584	2456731	64.55%	5.465%
63	17.545	2472	2475	2480	rBV	17406	21493	0.56%	0.048%
64	17.627	2485	2489	2494	rVB	318099	403873	10.61%	0.898%
65	17.803	2515	2519	2523	rBV6	4562	7014	0.18%	0.016%
66	17.862	2524	2529	2540	rBV2	85365	163613	4.30%	0.364%
67	18.115	2569	2572	2575	rBV3	9219	11600	0.30%	0.026%
68	18.203	2581	2587	2593	rVB2	47996	90858	2.39%	0.202%
69	18.580	2646	2651	2654	rBV	265746	306162	8.04%	0.681%
70	18.621	2654	2658	2665	rVB	546746	616235	16.19%	1.371%
71	19.021	2722	2726	2729	rBV4	15097	23854	0.63%	0.053%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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Peak separation: 5

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

72	19.156	2745	2749	2758	rBV2	78332	141909	3.73%	0.316%
73	19.268	2766	2768	2772	rVB2	13913	13070	0.34%	0.029%
74	19.380	2782	2787	2793	rBV	1643734	2319407	60.94%	5.159%
75	19.433	2793	2796	2804	rVB2	140792	218198	5.73%	0.485%
76	19.715	2839	2844	2847	rBV	1833572	1926079	50.61%	4.284%
77	19.756	2847	2851	2855	rVB	3580585	3806102	100.00%	8.466%
78	20.692	3006	3010	3013	rBV	785903	814746	21.41%	1.812%
79	20.727	3013	3016	3022	rVB	1524172	1517195	39.86%	3.375%
80	21.186	3089	3094	3103	rBV	1227211	1603187	42.12%	3.566%
81	21.315	3113	3116	3119	rBV2	86499	88253	2.32%	0.196%
82	21.562	3154	3158	3160	rBV	386311	427132	11.22%	0.950%
83	21.591	3160	3163	3167	rVB	839356	813413	21.37%	1.809%
84	21.738	3185	3188	3191	rBV2	113500	121906	3.20%	0.271%
85	22.156	3257	3259	3261	rBV	106584	88555	2.33%	0.197%
86	22.197	3261	3266	3271	rVB2	301164	537111	14.11%	1.195%
87	22.462	3307	3311	3314	rBV	312737	424021	11.14%	0.943%
88	22.497	3314	3317	3322	rVB	621087	774306	20.34%	1.722%
89	22.674	3343	3347	3354	rVB	258528	378427	9.94%	0.842%
90	23.244	3436	3444	3453	rVB2	1486515	2986156	78.46%	6.642%
91	23.385	3463	3468	3477	rVB	943029	1717492	45.12%	3.820%
92	23.838	3542	3545	3552	rVB	243801	413057	10.85%	0.919%

Sum of corrected areas: 44956051

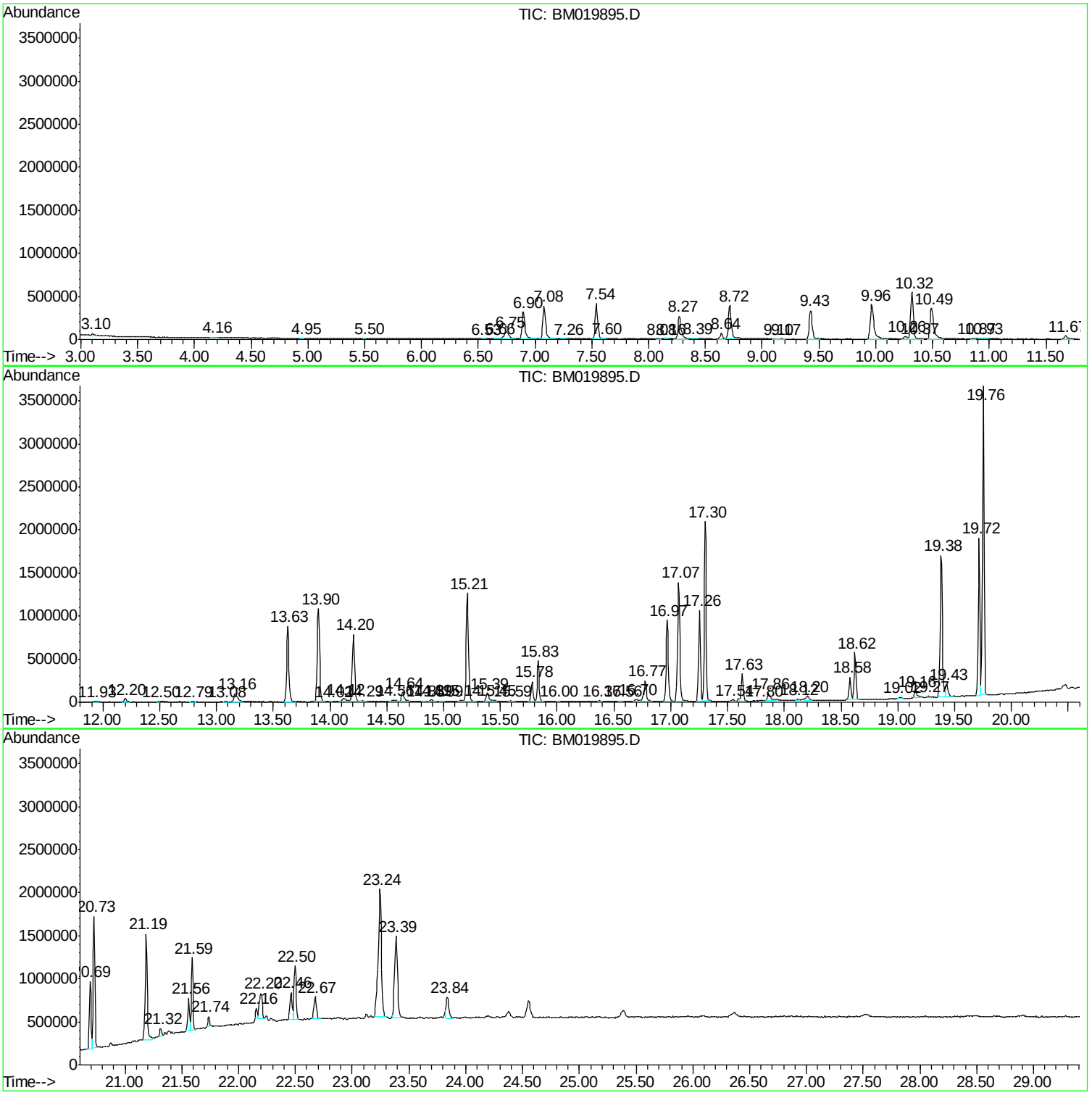
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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 : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

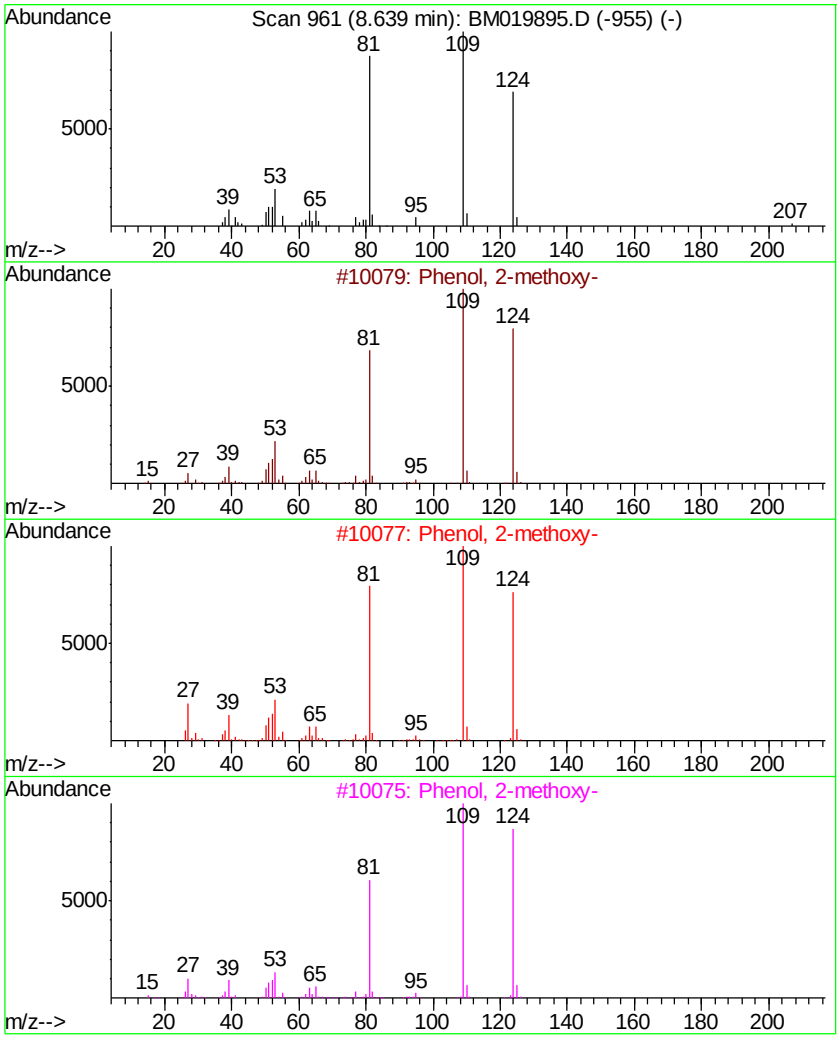
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

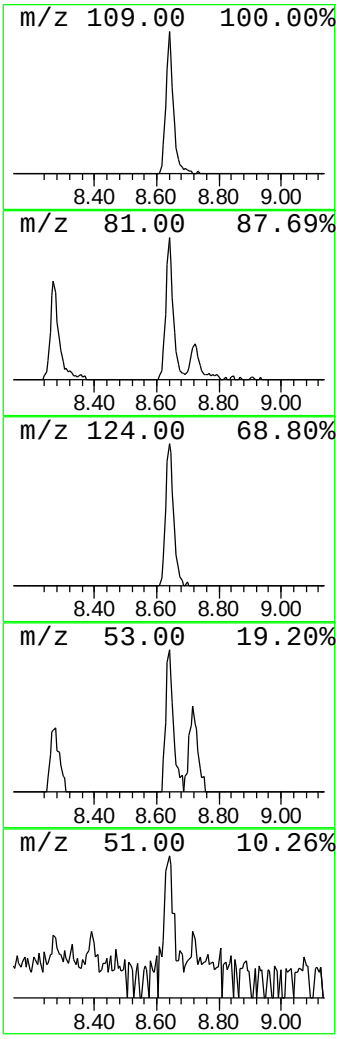
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.26 ng/ul	106770	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	92
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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

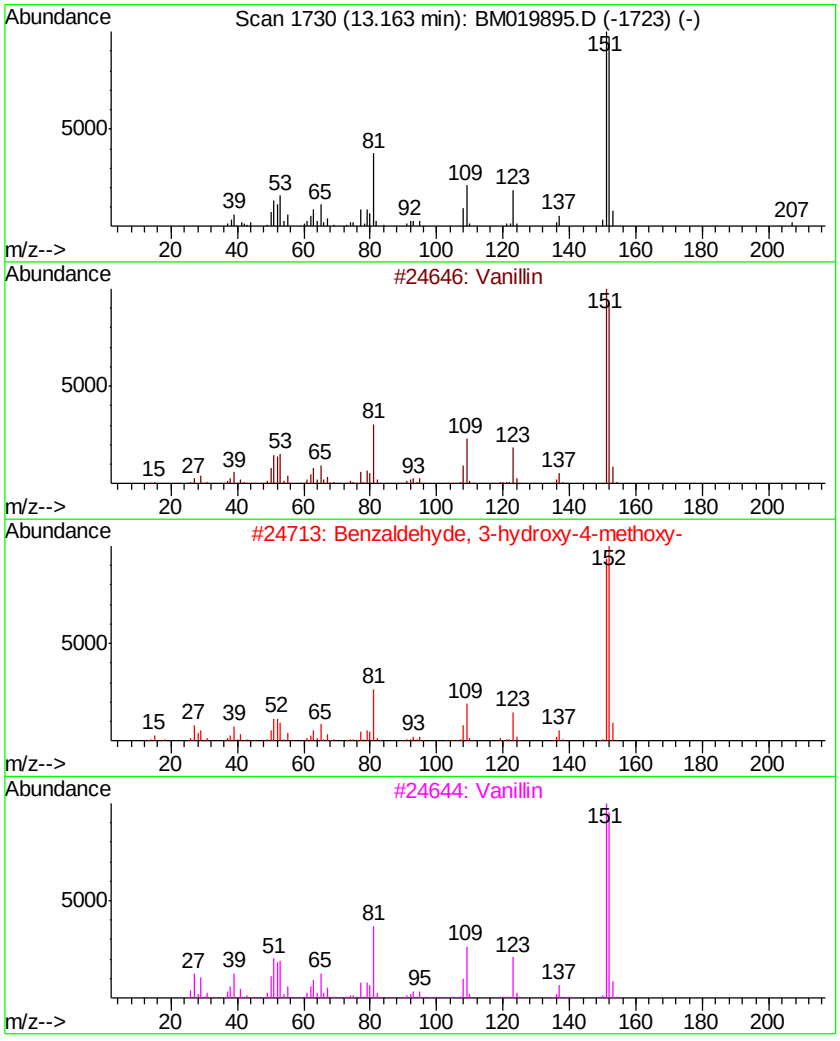
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

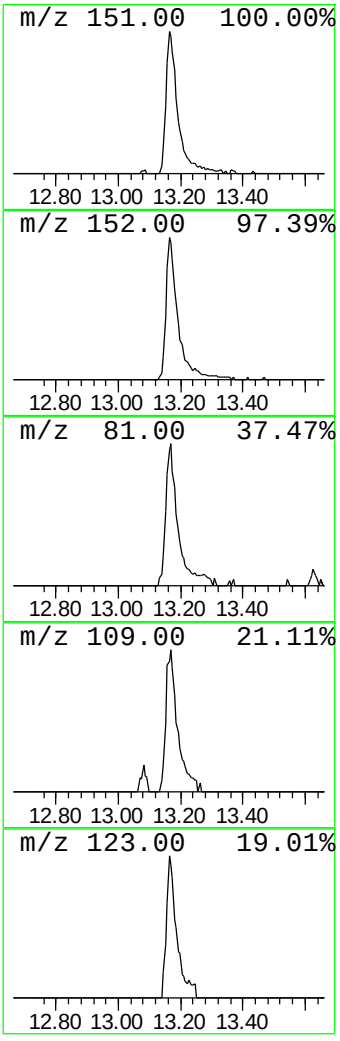
****

Peak Number 2 Vanillin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.03 ng/ul	240377	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Vanillin	152	C8H8O3	000121-33-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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

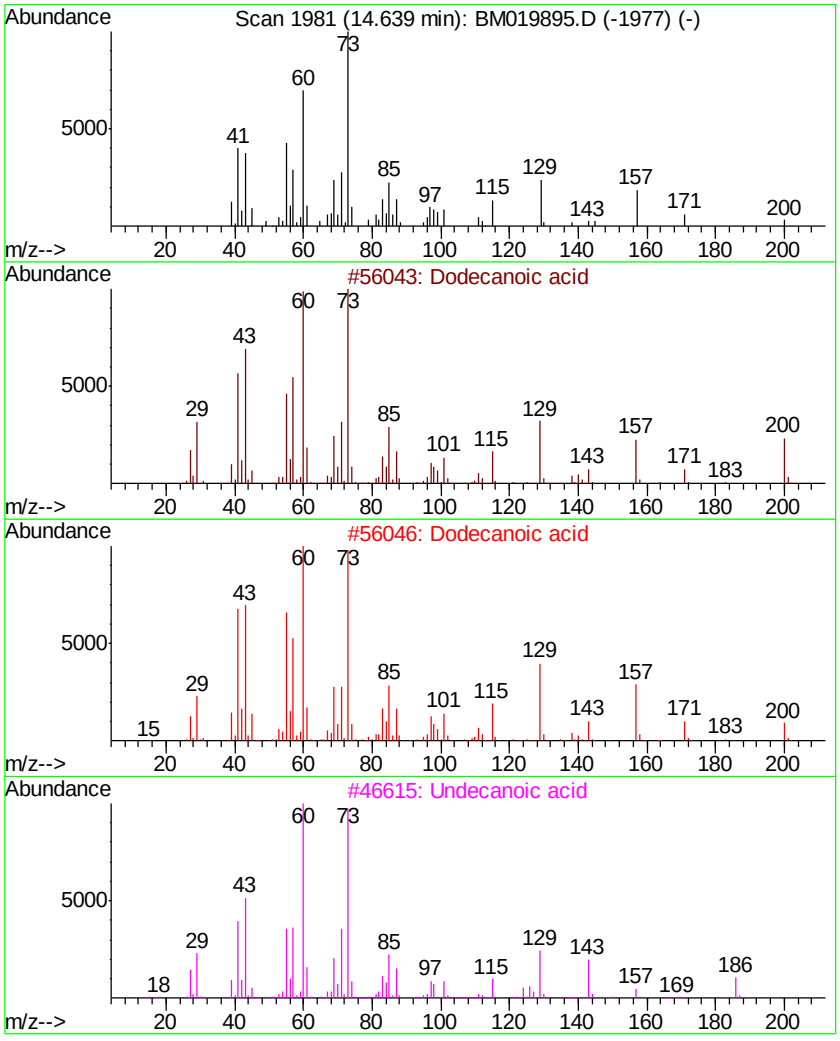
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

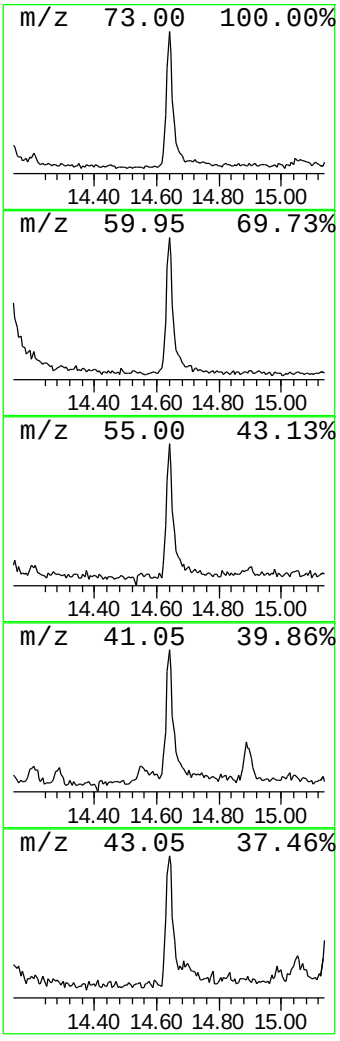
****

Peak Number 3 Dodecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.82 ng/ul	168302	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	80
2	Dodecanoic acid	200	C12H24O2	000143-07-7	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Library Search Compound Report

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Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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

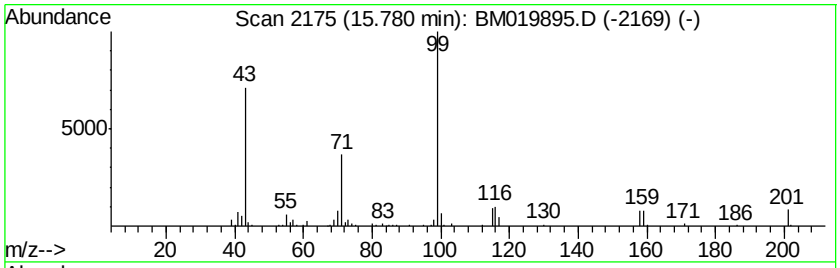
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

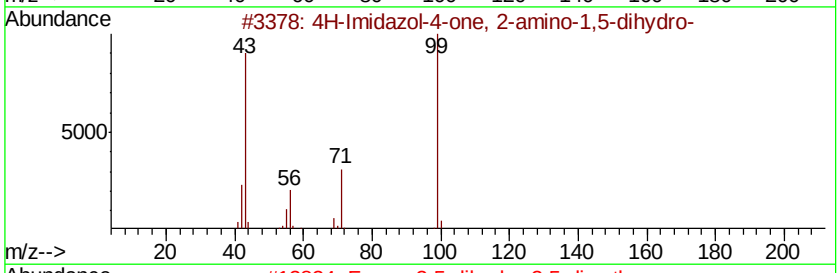
****

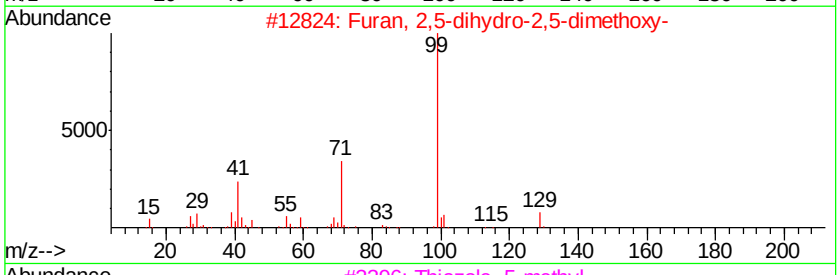
Peak Number 4 4H-Imidazol-4-one, 2-amino-... Concentration Rank 19

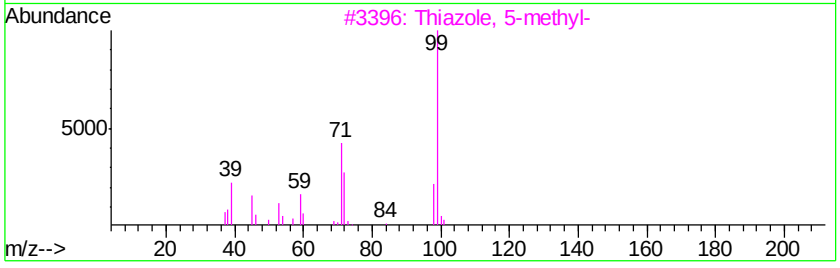
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	4.26 ng/ul	278943	Phenanthrene-d10	16.97

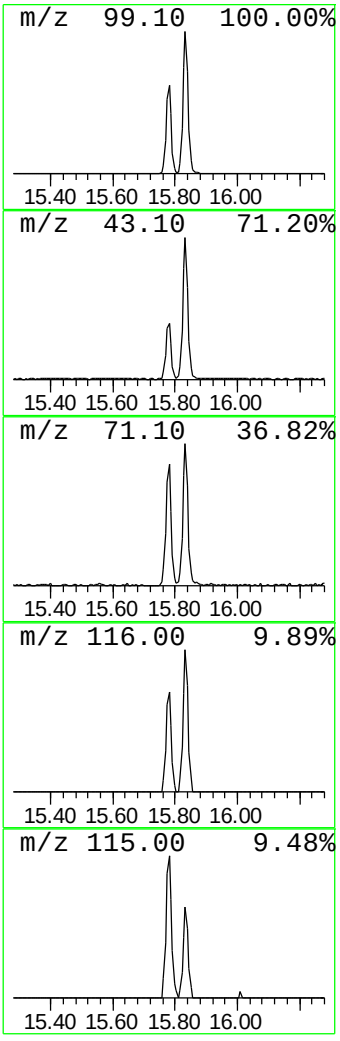
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	53
2	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	53
3	Thiazole, 5-methyl-	99	C4H5NS	003581-89-3	53
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	53
5	p-Nitrophenyl hexanoate	237	C12H15NO4	000956-75-2	53











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Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
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Instrument : BNA_M
ClientSampleId : BF876

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

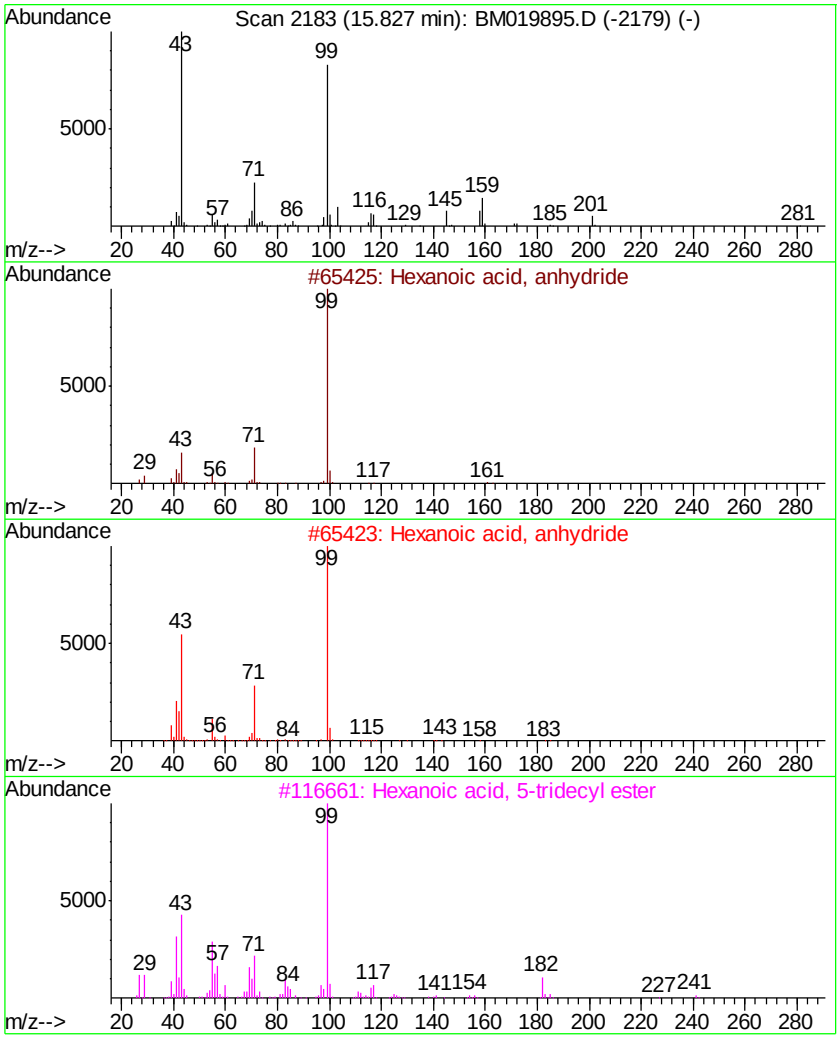
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

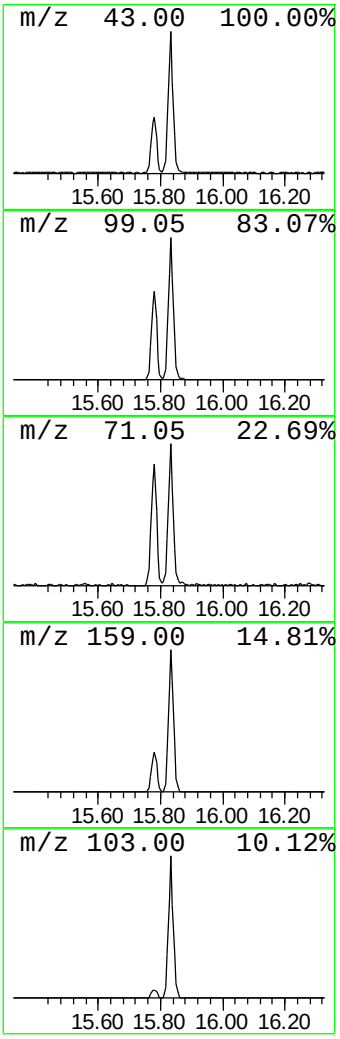
****

Peak Number 5 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	8.47 ng/ul	554939	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	47
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	47
3	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	42
4	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	40
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	38





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Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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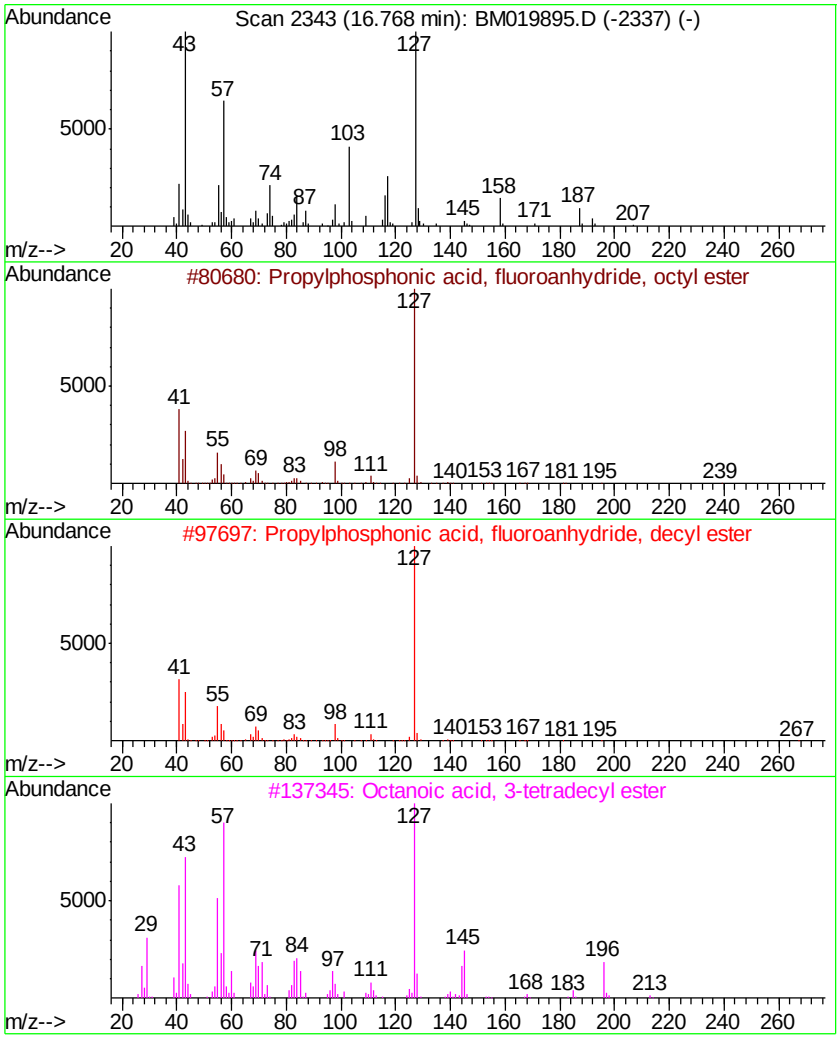
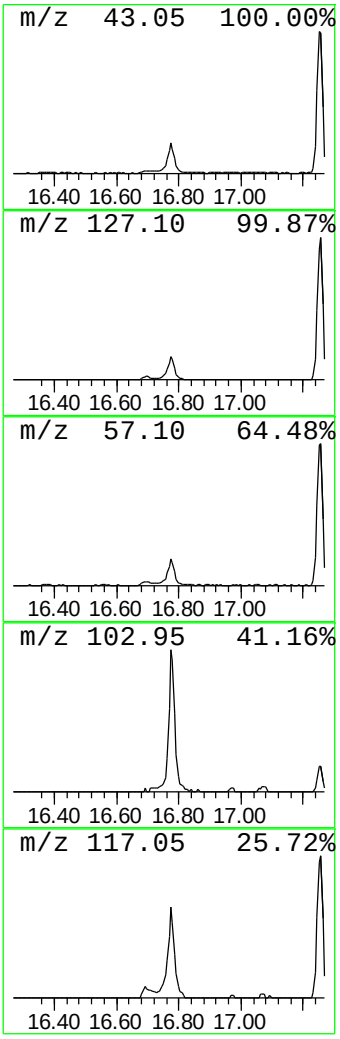
Peak Number 6 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	5.96 ng/ul	389996	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	27
2	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	27
3	Octanoic acid, 3-tetradecyl ester	340	C22H44O2	1000280-62-8	25
4	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	25
5	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	25





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Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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Quant Title : SVOA CALIBRATION

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

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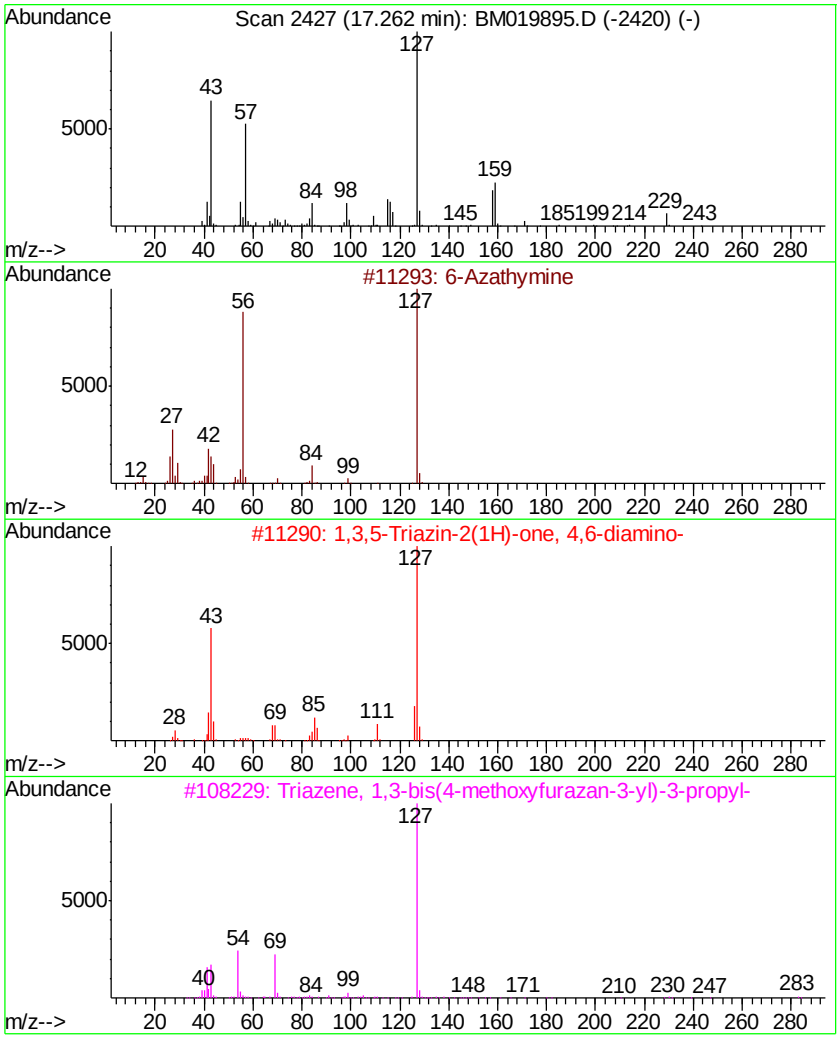
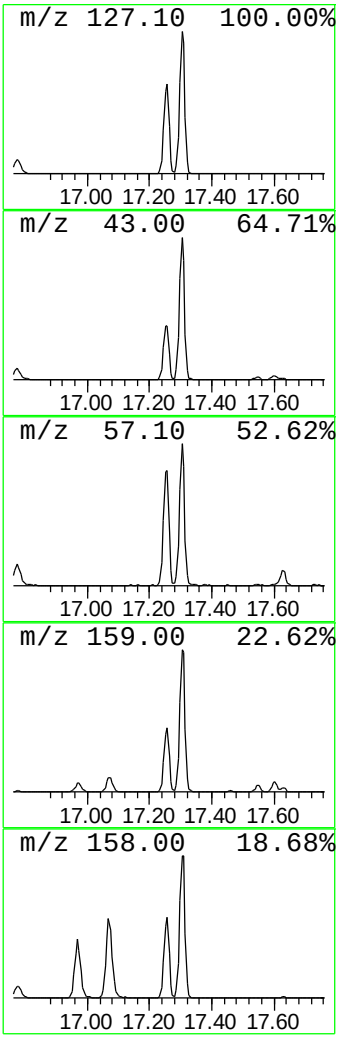
Peak Number 7 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	19.53 ng/ul	1278730	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	43
2	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43
3	Triazene, 1,3-bis(4-methoxyfuraz...	283	C9H13N7O4	349564-78-9	38
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
5	Isopropylphosphonic acid, fluoro...	266	C13H28FO2P	333416-36-7	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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Quant Title : SVOA CALIBRATION

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

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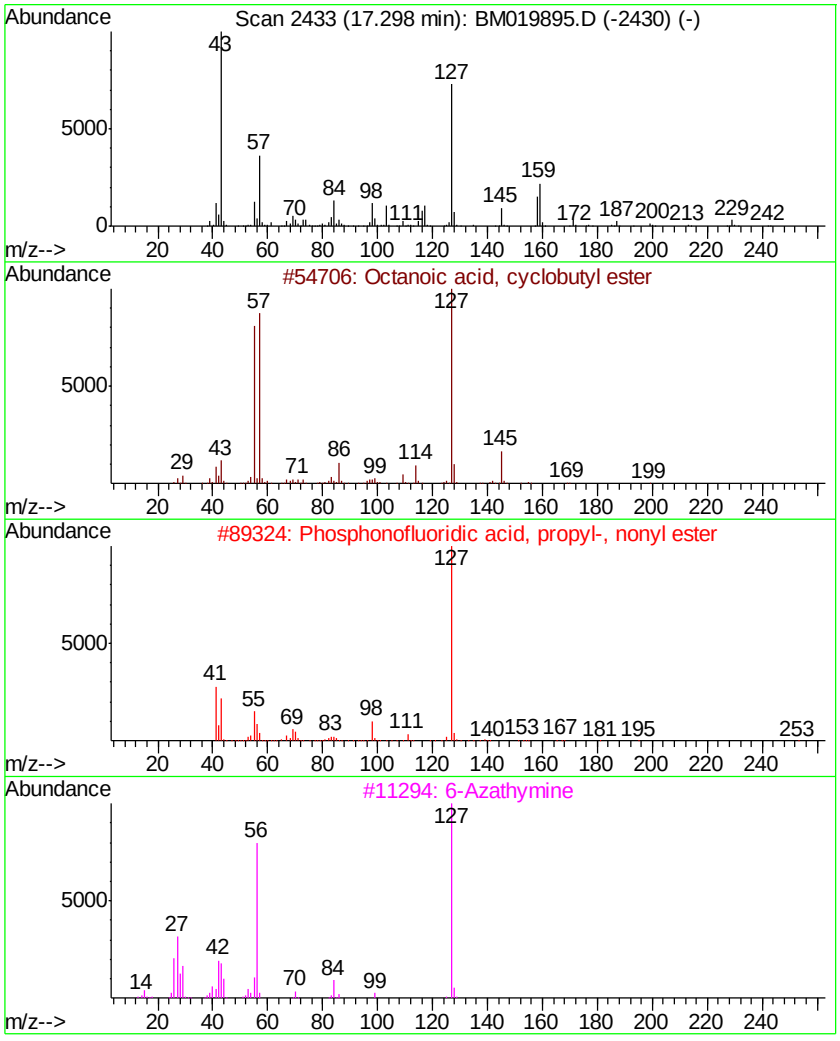
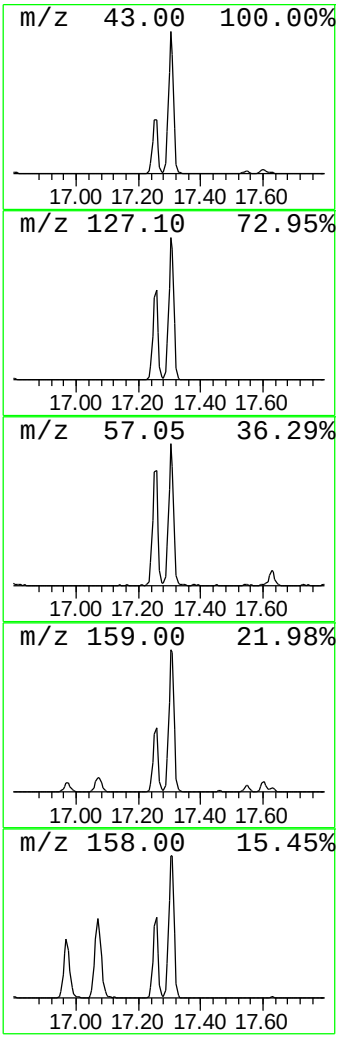
Peak Number 8 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	37.52 ng/ul	2456730	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, cyclobutyl ester	198	C12H22O2	1000282-86-6	43
2	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37
3	6-Azathymine	127	C4H5N3O2	000932-53-6	32
4	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	28
5	Triazene, 1,3-bis(4-methoxyfuraz...	283	C9H13N7O4	349564-78-9	25





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Sample : K2168-20
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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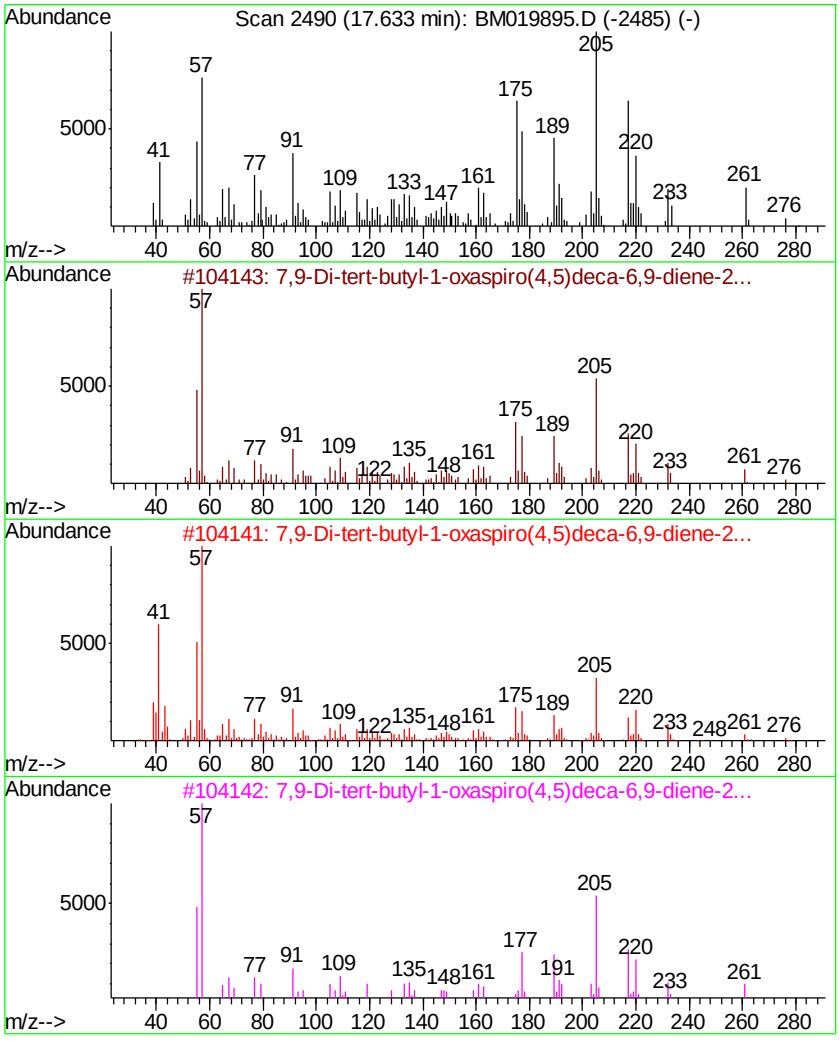
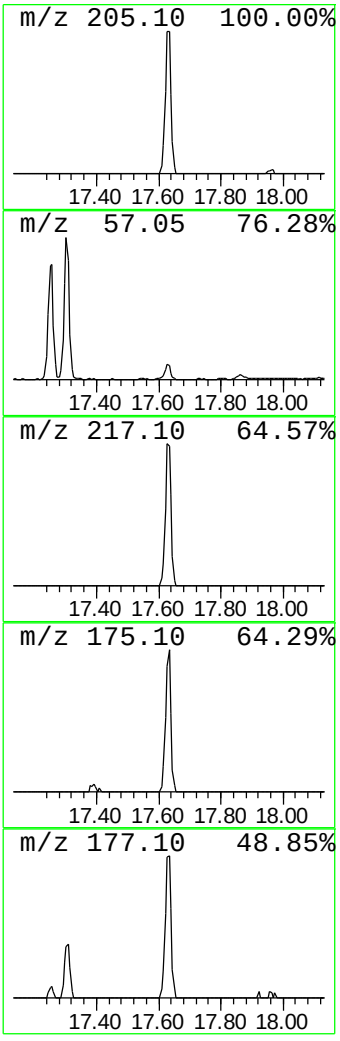
Peak Number 9 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	6.17 ng/ul	403873	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	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50





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Quant Title : SVOA CALIBRATION

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

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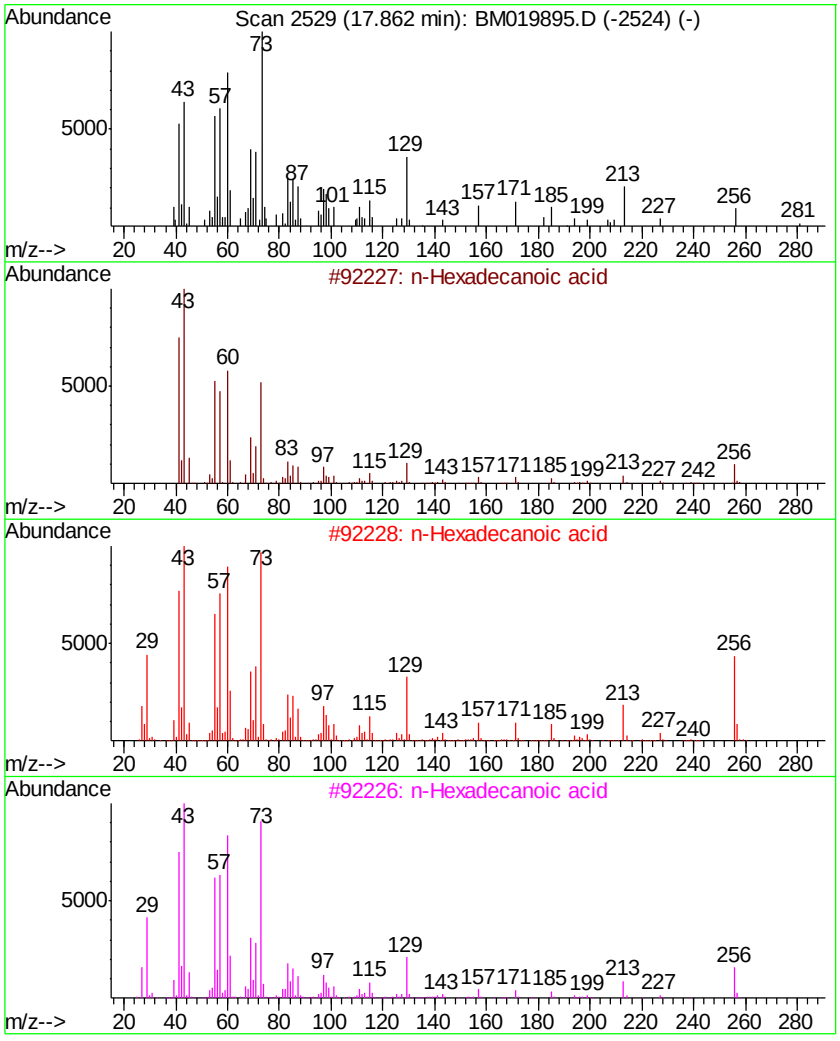
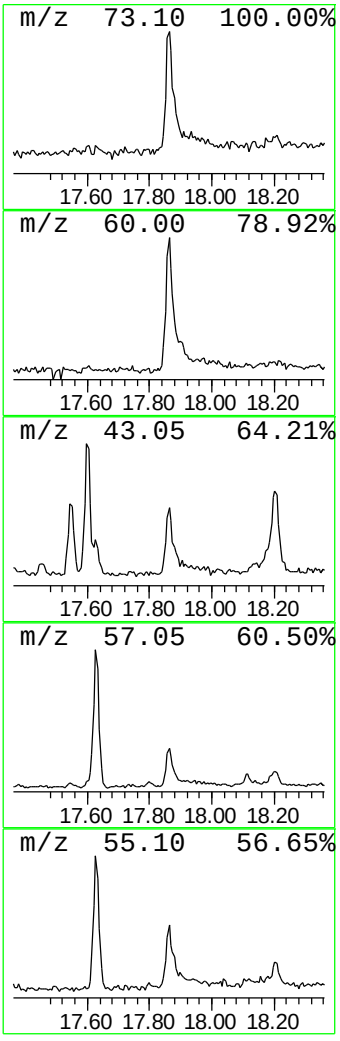
Peak Number 10 n-Hexadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.50 ng/ul	163613	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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Quant Title : SVOA CALIBRATION

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

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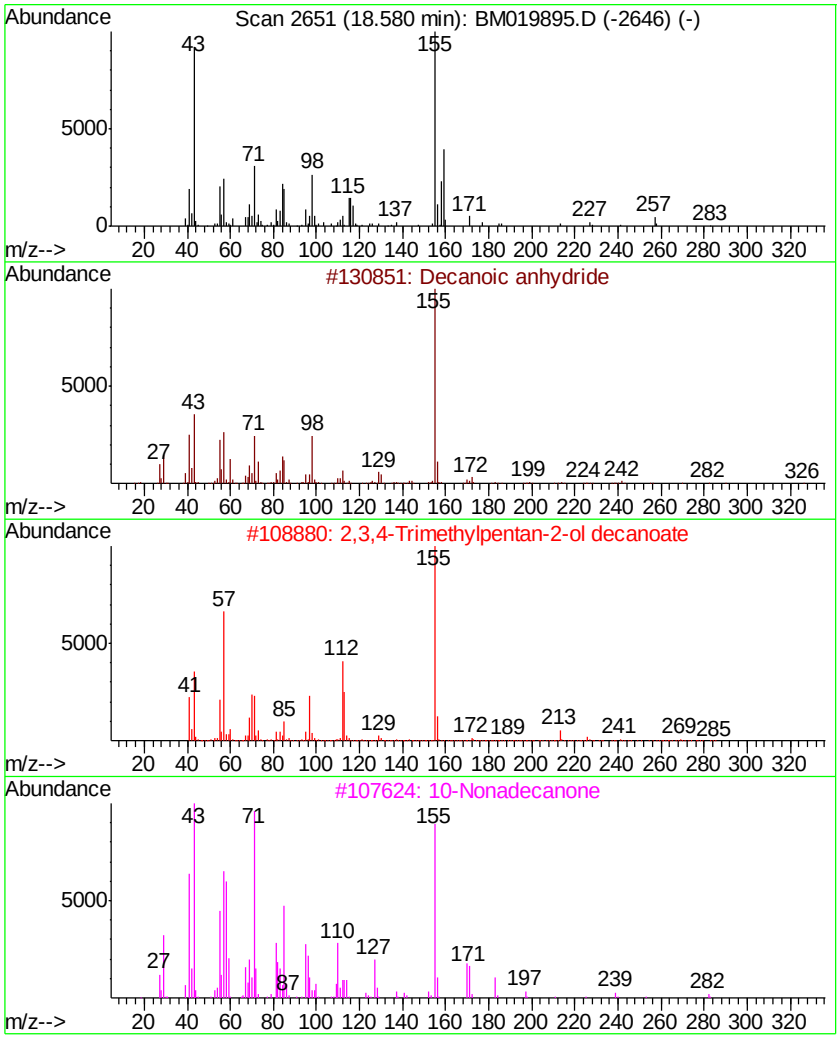
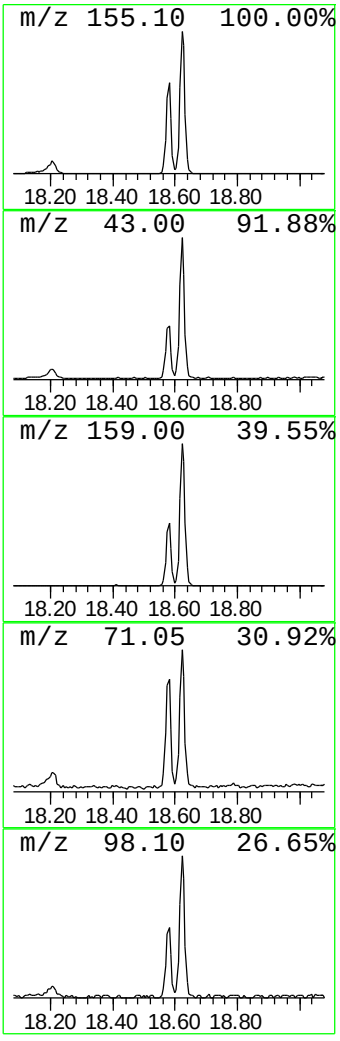
Peak Number 11 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	4.68 ng/ul	306162	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	47
2	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	32
3	10-Nonadecanone	282	C19H38O	000504-57-4	32
4	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	32
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	27





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Sample : K2168-20
Misc :
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Instrument : BNA_M
ClientSampleId : BF876

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Quant Title : SVOA CALIBRATION

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

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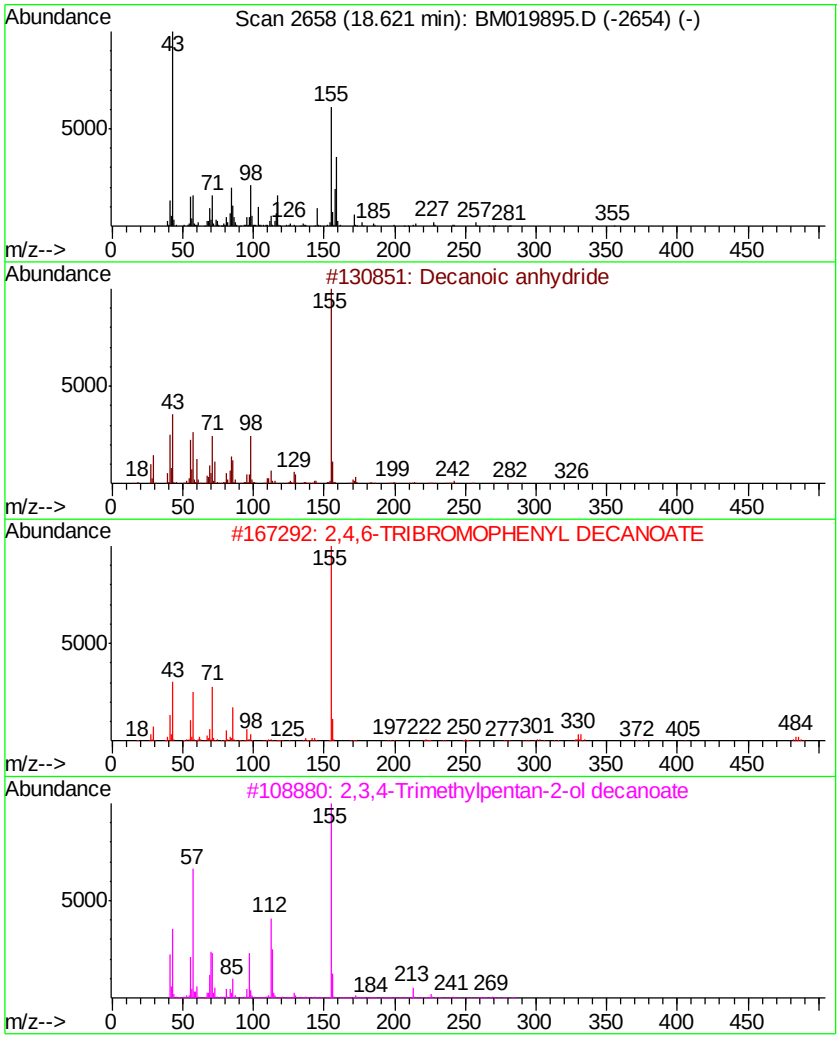
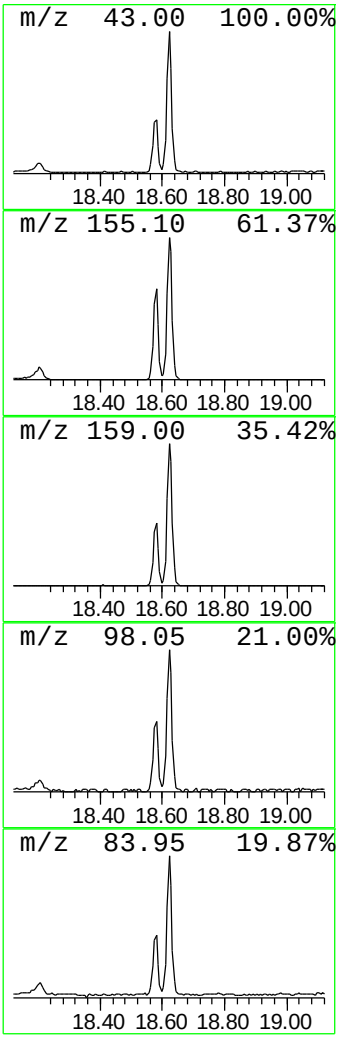
Peak Number 12 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	9.41 ng/ul	616235	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	25
2	2,4,6-TRIBROMOPHENYL DECANOATE	482	C16H21Br3O2	1000233-09-1	22
3	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	12
4	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	10
5	2-Chloro-4-fluorobenzonitrile	155	C7H3ClFN	060702-69-4	10





Library Search Compound Report

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Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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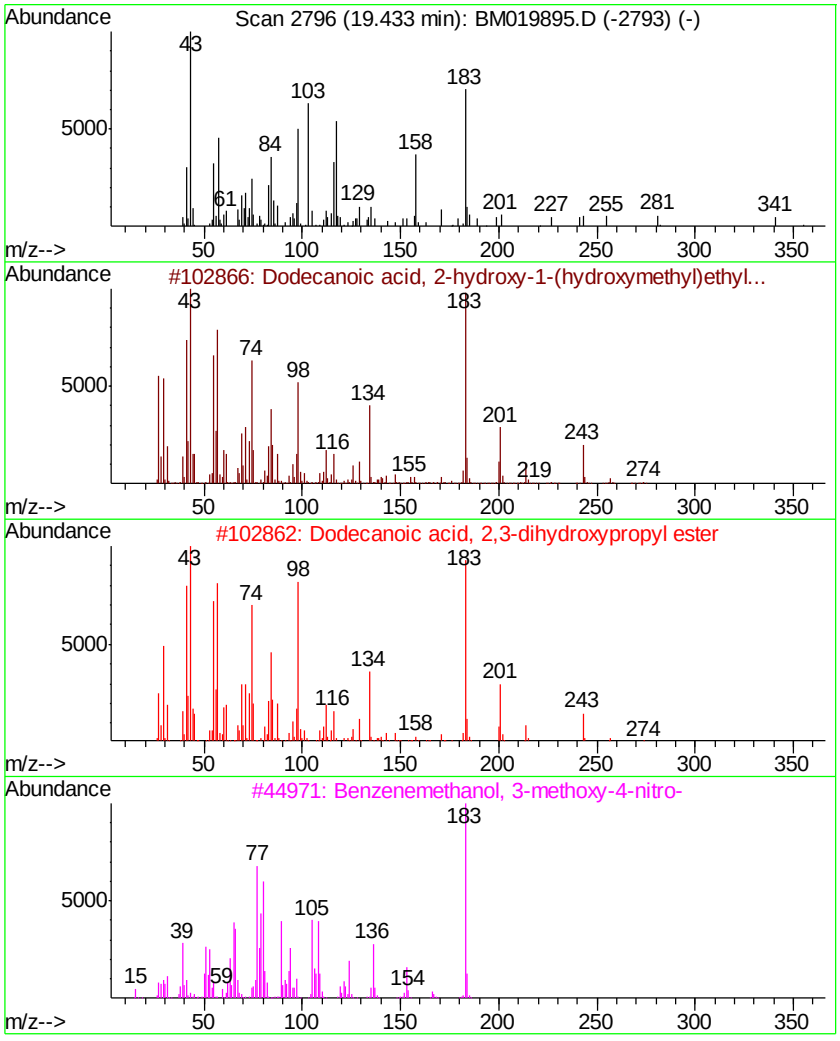
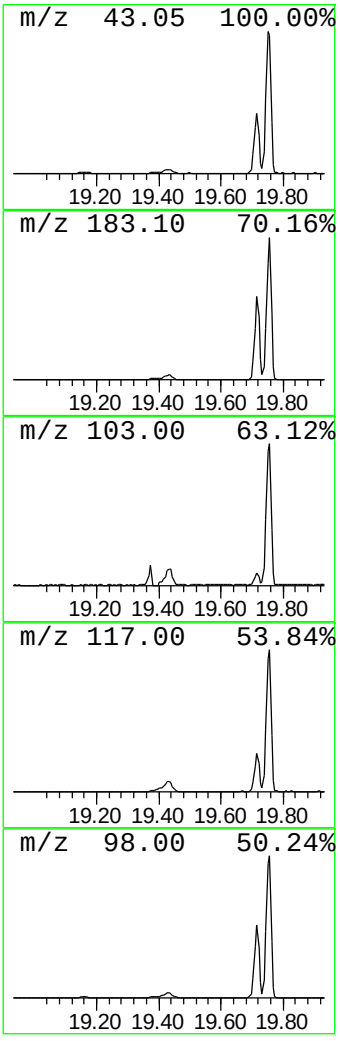
Peak Number 13 unknown-07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.72 ng/ul	218198	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	32
2	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	25
3	Benzenemethanol, 3-methoxy-4-nitro-	183	C8H9NO4	080866-88-2	10
4	3,5-Dimethyl-4-phenylpyridine	183	C13H13N	014924-93-7	10
5	4-Piperidinemethanol, .alpha.,.a...	281	C19H23NO	006071-92-7	10





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Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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Quant Title : SVOA CALIBRATION

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

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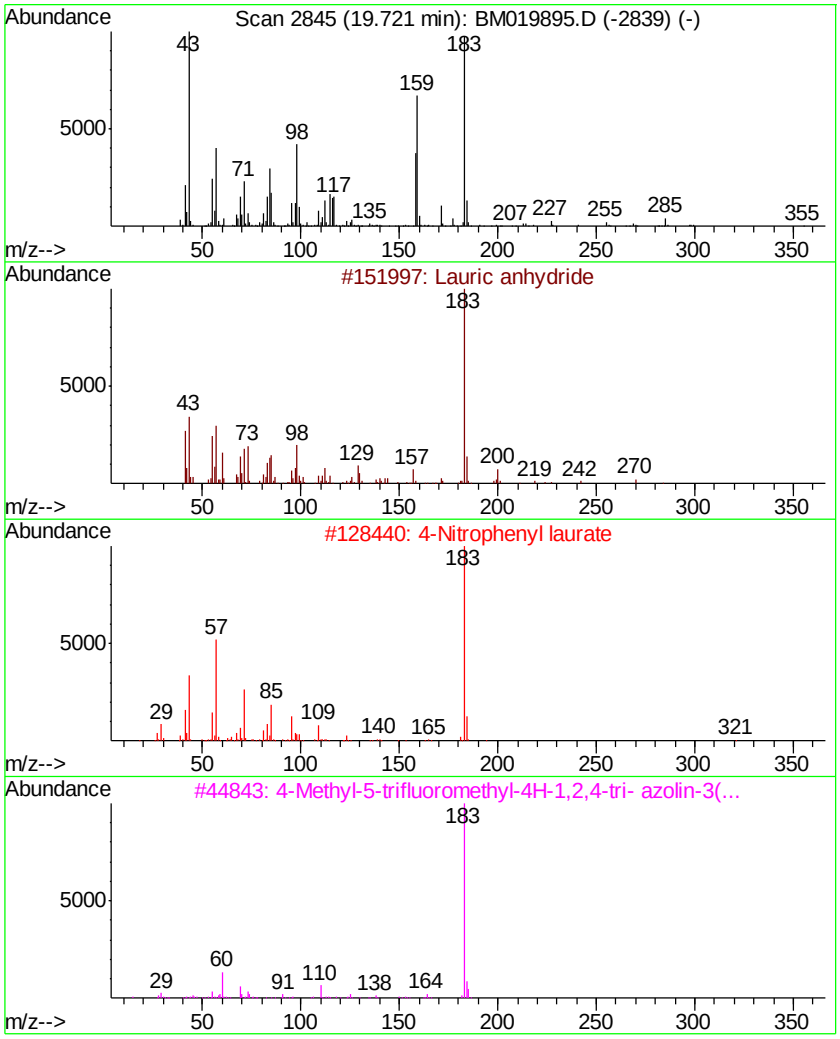
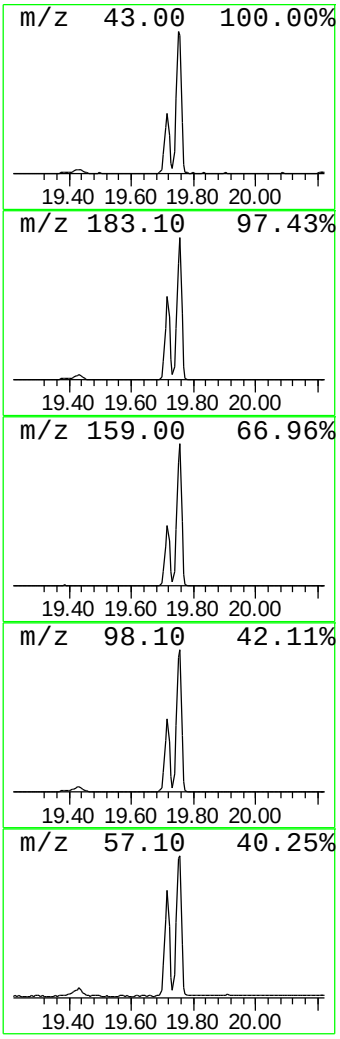
Peak Number 14 unknown-08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	24.03 ng/ul	1926080	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	32
2	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
3	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	22
4	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	22
5	1-Chloromethyl-1-cyclopentyloxy-...	232	C11H21ClOSi	1000279-43-1	16





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Instrument : BNA_M
ClientSampleId : BF876

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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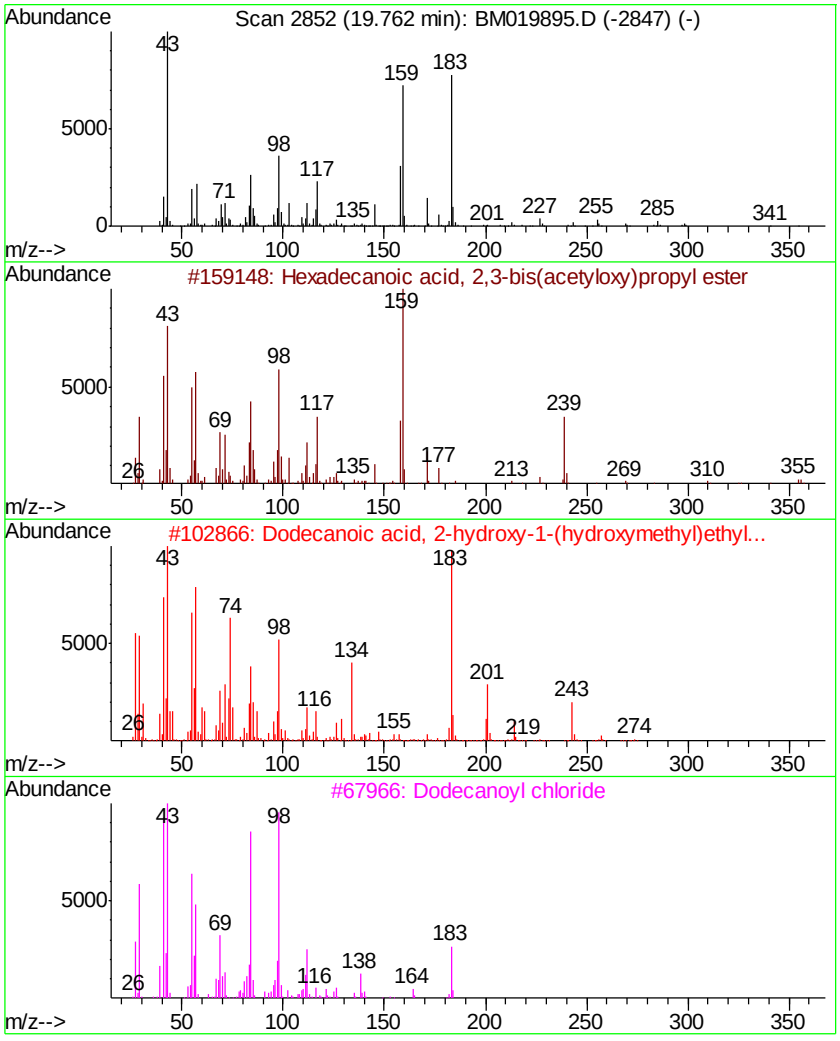
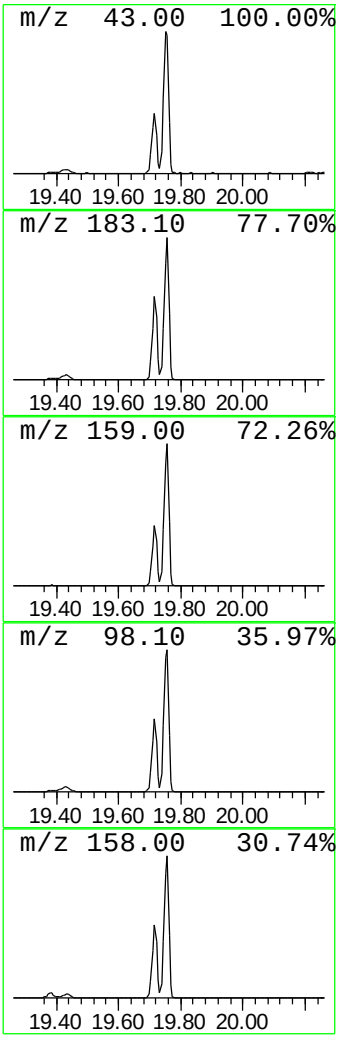
Peak Number 15 unknown-09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	47.48 ng/ul	3806100	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	35
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
4	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14





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Quant Title : SVOA CALIBRATION

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

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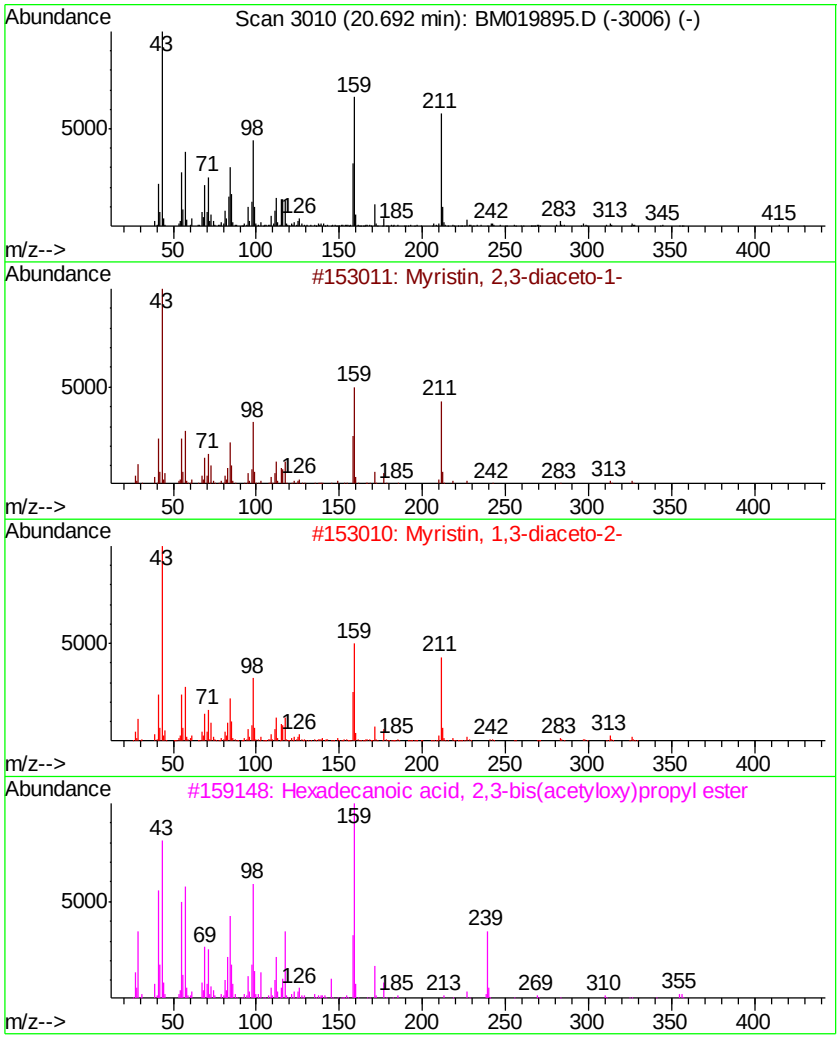
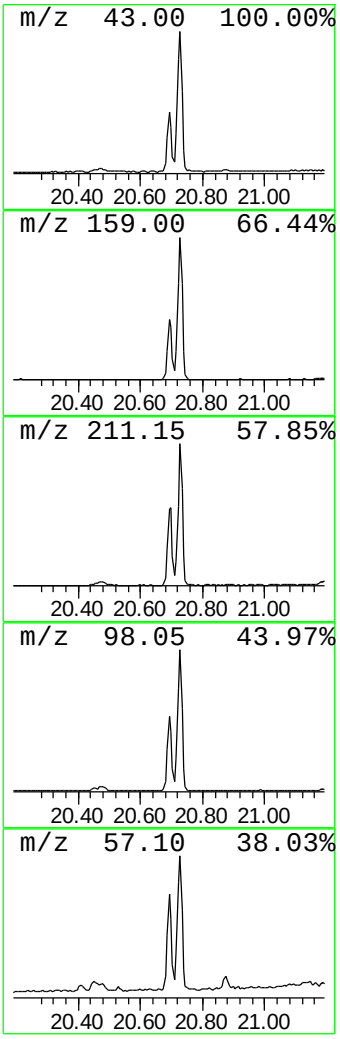
Peak Number 16 Myristin, 2,3-diaceto-1- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	10.16 ng/ul	814746	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	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	47
5	6,7-Dihydro-2-dimethylamino-8-me...	211	C8H13N5O2	079845-30-0	30





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Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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

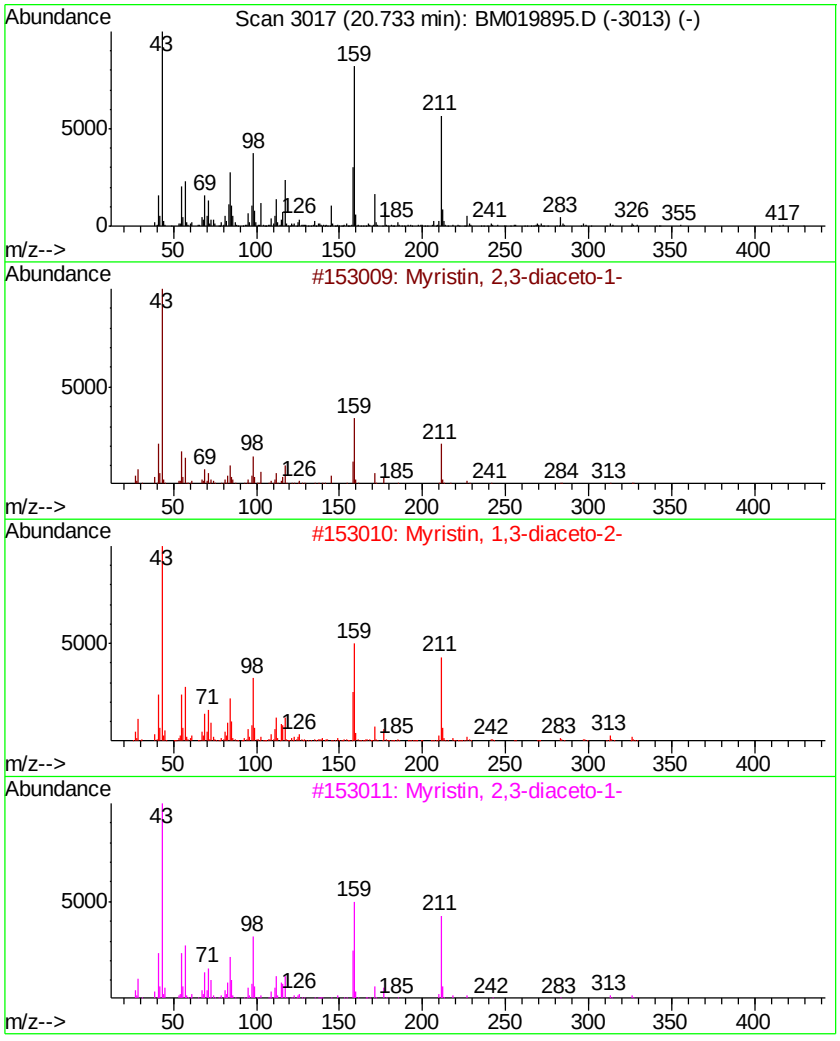
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

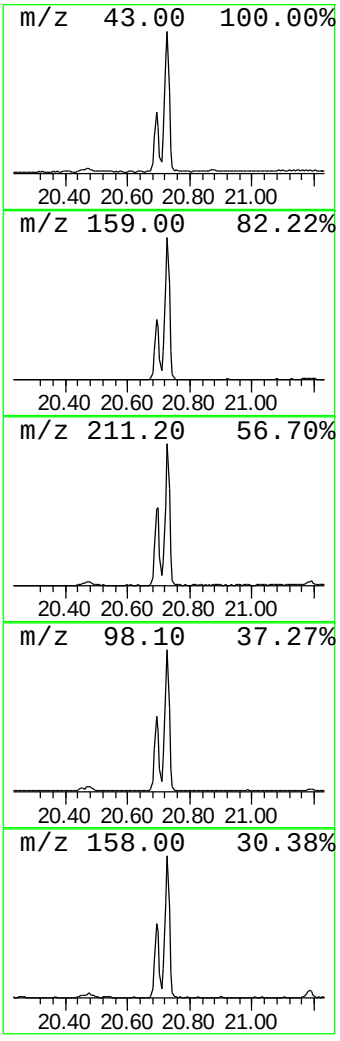
****

Peak Number 17 Myristin, 1,3-diaceto-2- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	18.93 ng/ul	1517200	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	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	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	25





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Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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

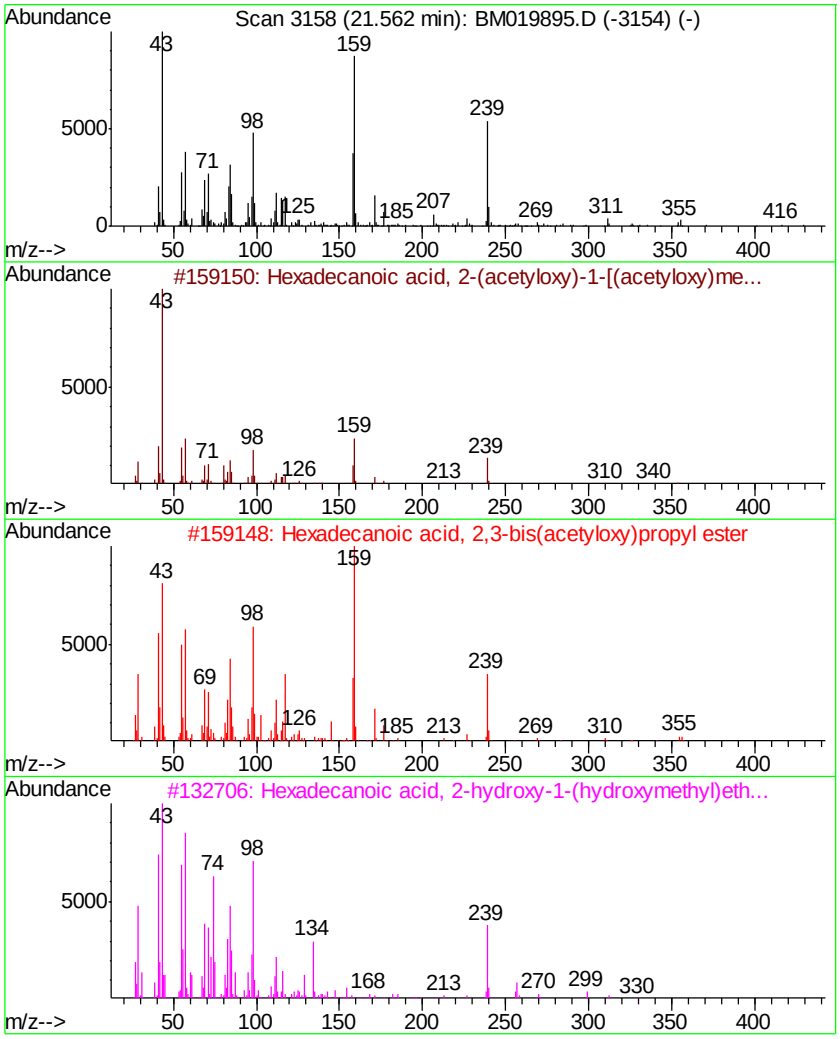
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

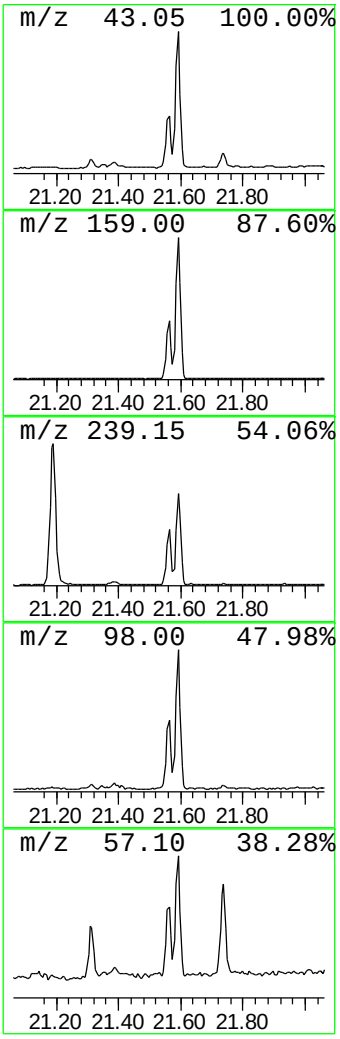
****

Peak Number 18 Hexadecanoic acid, 2-(acety... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	5.33 ng/ul	427132	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(acety...	414	C23H42O6	055268-70-7	81
3	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	30
4	6,7-Dihydro-5H-benzo[1,2,5]oxadi...	311	C13H11Cl2N3O2	1000296-71-8	22
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	14





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Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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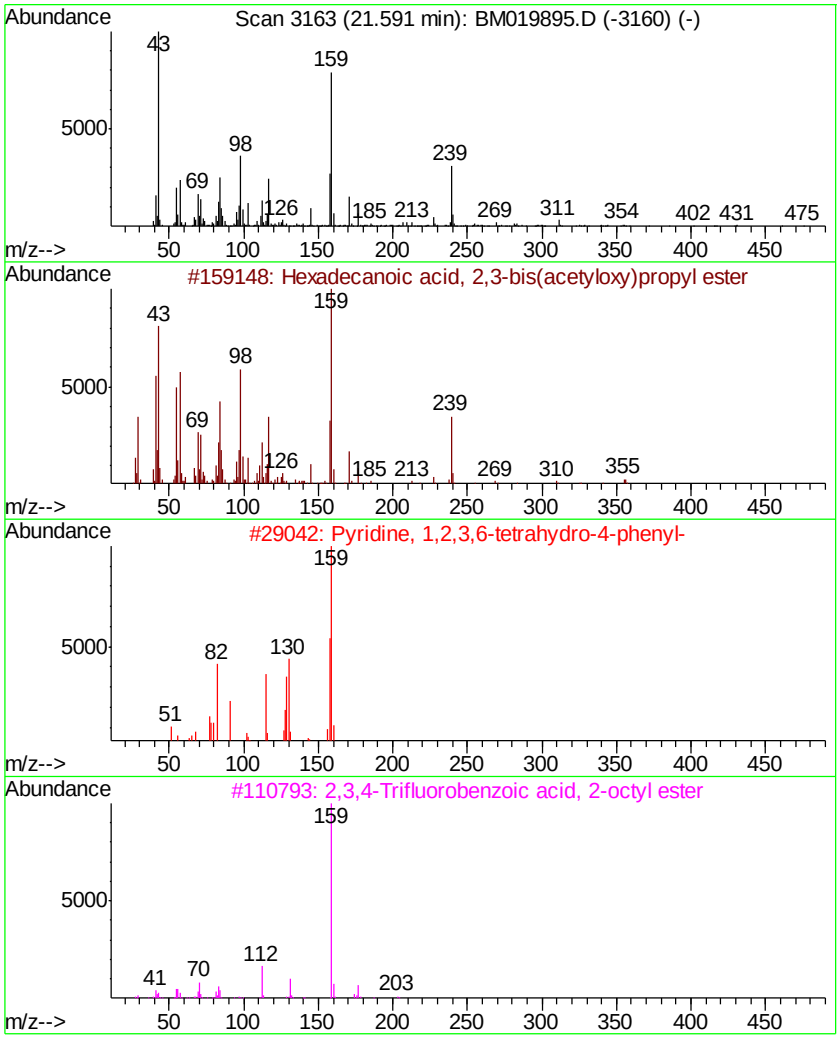
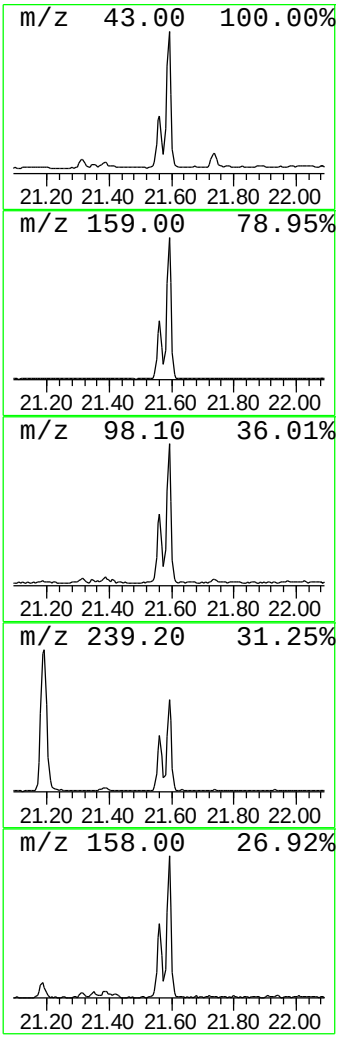
Peak Number 19 Hexadecanoic acid, 2,3-bis(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	10.15 ng/ul	813413	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	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	35
3	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
4	2,3,4-Trifluorobenzoic acid, 3-t...	358	C20H29F3O2	1000280-61-8	25
5	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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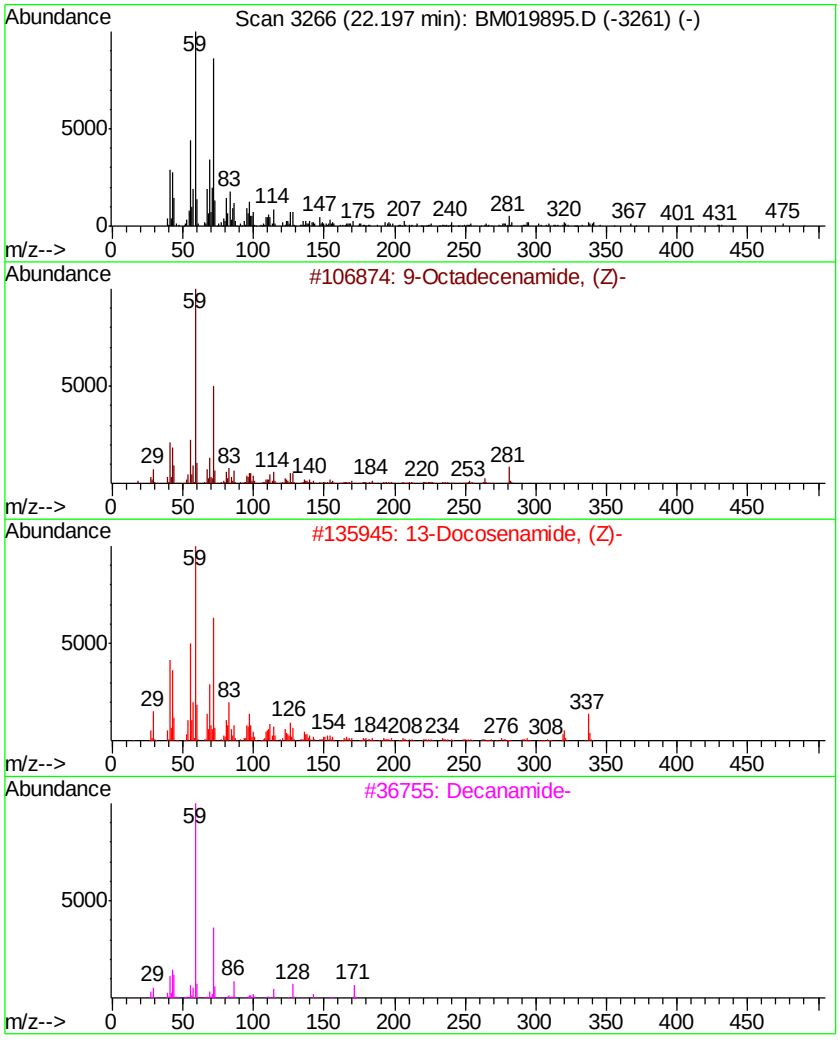
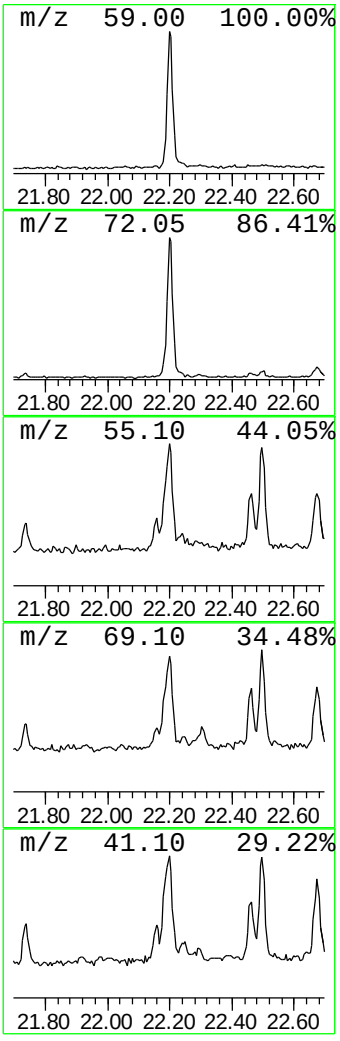
Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	6.70 ng/ul	537111	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	49
3	Decanamide-	171	C10H21NO	002319-29-1	43
4	Hexadecanamide	255	C16H33NO	000629-54-9	38
5	Silacyclobutane, 1,1,3-trimethyl-	114	C6H14Si	002295-13-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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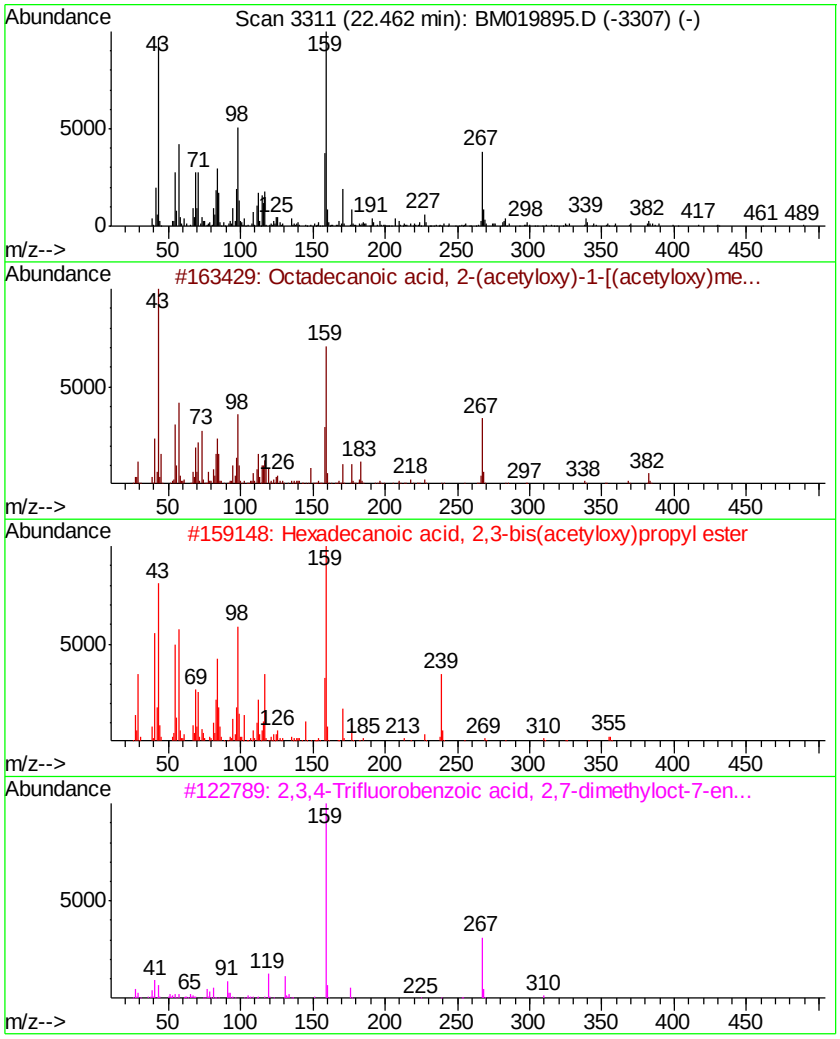
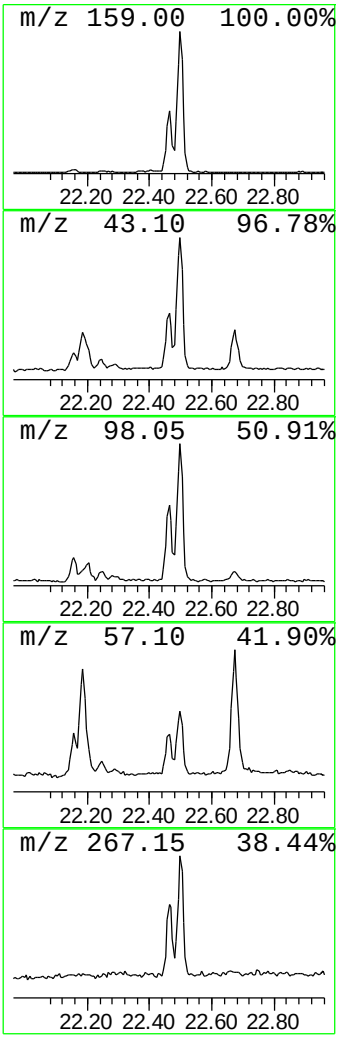
Peak Number 21 Octadecanoic acid, 2-(acety... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	4.94 ng/ul	424021	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	62
2	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	52
3	2,3,4-Trifluorobenzoic acid, 2,7...	310	C17H17F3O2	1000292-55-7	32
4	Octadecanoic acid, 2,3-bis(acetyl...	442	C25H46O6	033599-07-4	32
5	1-Propene-1-amine, N-benzylidene...	159	C11H13N	039575-55-8	30





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Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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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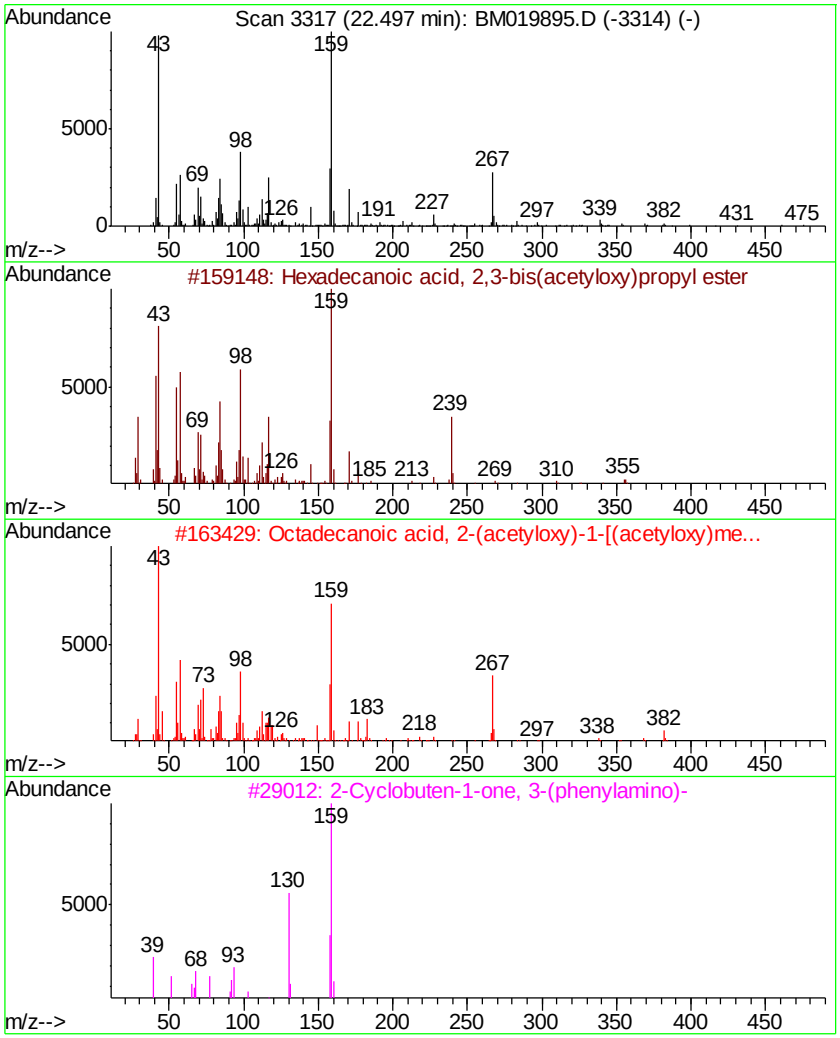
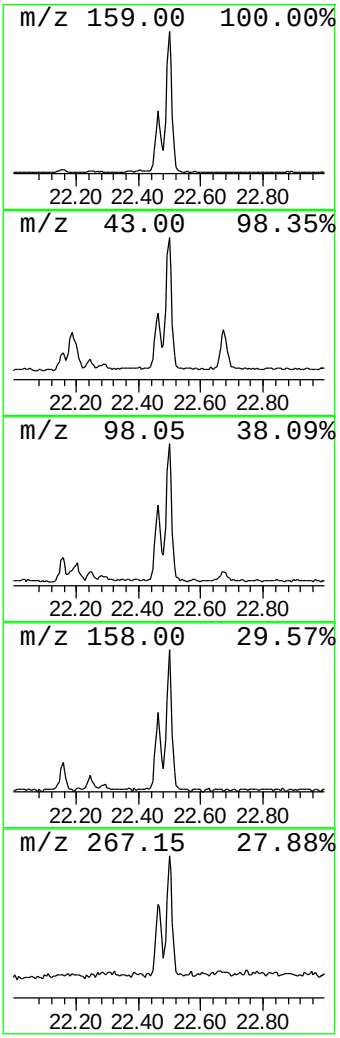
Peak Number 22 unknown-10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	9.02 ng/ul	774306	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	64
2	Octadecanoic acid, 2-(acetyloxy)-1-[(acetyloxy)methyl]ethyl ester	442	C25H46O6	055401-62-2	38
3	2-Cyclobuten-1-one, 3-(phenylamino)-	159	C10H9NO	038425-49-9	27
4	2,3,4-Trifluorobenzoic acid, 4-pentadecyl ester	386	C22H33F3O2	1000280-62-3	27
5	2,6-Difluorobenzoic acid, hexadecyl ester	382	C23H36F2O2	1000292-39-6	22





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Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

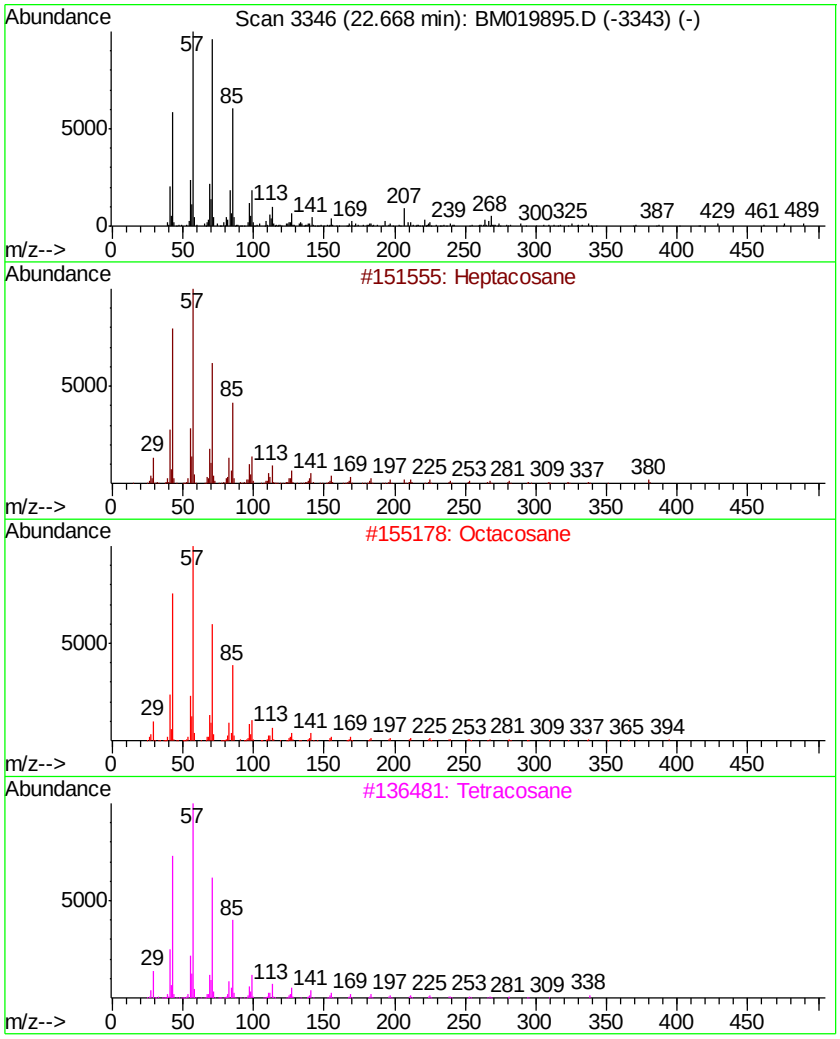
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

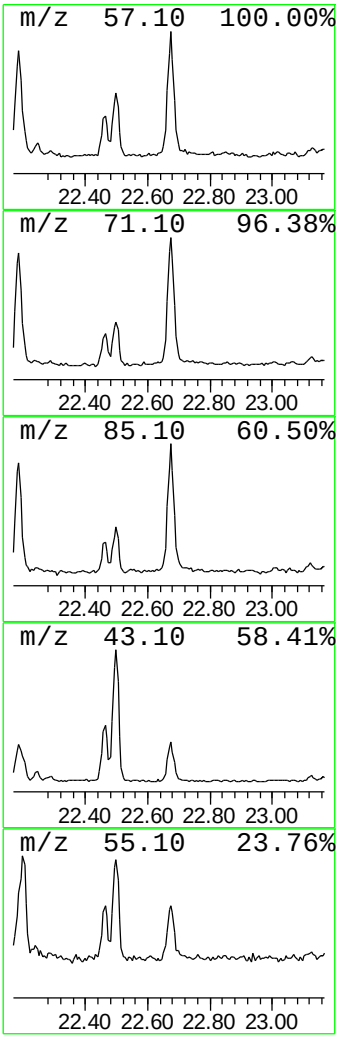
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	4.41 ng/ul	378427	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74





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Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

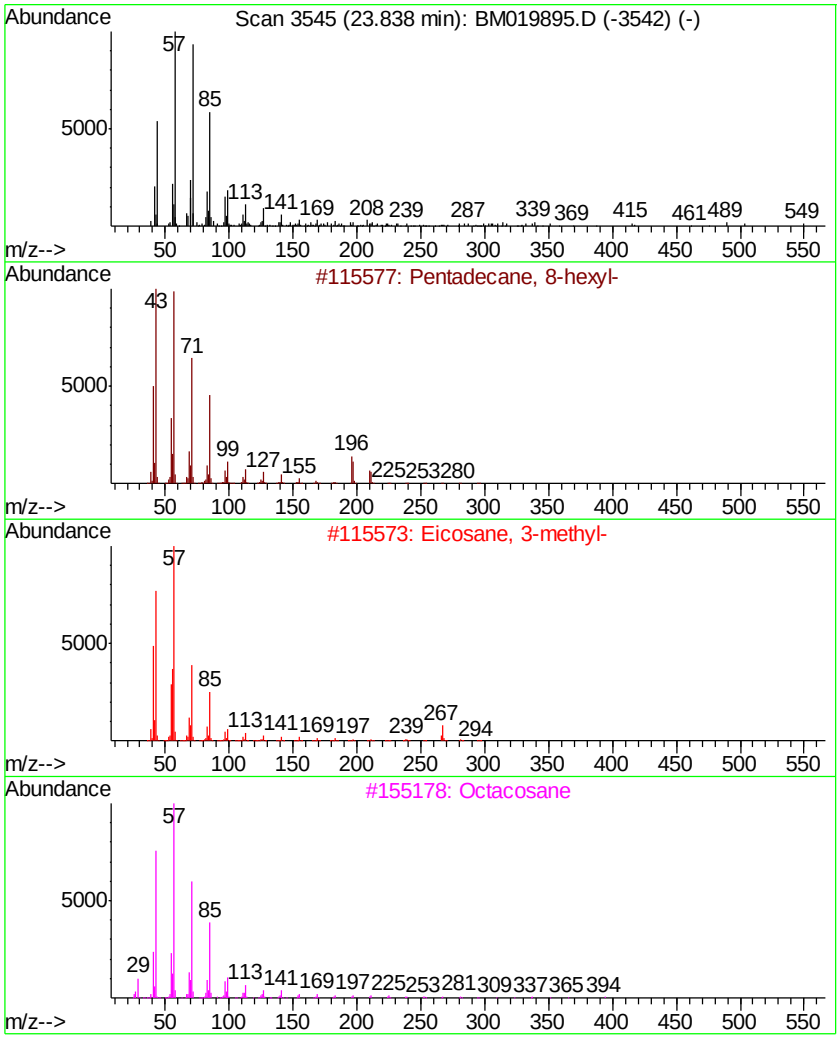
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

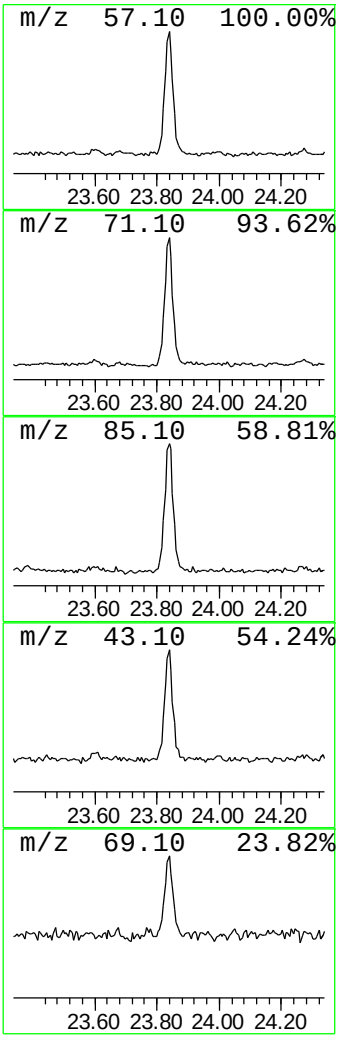
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	4.81 ng/ul	413057	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041119\
Data File : BM019895.D
Acq On : 11 Apr 2019 15:51
Operator : JU/SJ
Sample : K2168-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF876

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	3.3	ng/ul	106770	1	7.54	654228	20.0
Vanillin	13.16	4.0	ng/ul	240377	3	14.20	1192950	20.0
Dodecanoic acid	14.64	2.8	ng/ul	168302	3	14.20	1192950	20.0
4H-Imidazol-4-one...	15.78	4.3	ng/ul	278943	4	16.97	1309660	20.0
unknown-01	15.83	8.5	ng/ul	554939	4	16.97	1309660	20.0
unknown-02	16.77	6.0	ng/ul	389996	4	16.97	1309660	20.0
unknown-03	17.26	19.5	ng/ul	1278730	4	16.97	1309660	20.0
unknown-04	17.30	37.5	ng/ul	2456730	4	16.97	1309660	20.0
7,9-Di-tert-butyl...	17.63	6.2	ng/ul	403873	4	16.97	1309660	20.0
n-Hexadecanoic acid	17.86	2.5	ng/ul	163613	4	16.97	1309660	20.0
unknown-05	18.58	4.7	ng/ul	306162	4	16.97	1309660	20.0
unknown-06	18.62	9.4	ng/ul	616235	4	16.97	1309660	20.0
unknown-07	19.43	2.7	ng/ul	218198	5	21.19	1603190	20.0
unknown-08	19.72	24.0	ng/ul	1926080	5	21.19	1603190	20.0
unknown-09	19.76	47.5	ng/ul	3806100	5	21.19	1603190	20.0
Myristin, 2,3-dia...	20.69	10.2	ng/ul	814746	5	21.19	1603190	20.0
Myristin, 1,3-dia...	20.73	18.9	ng/ul	1517200	5	21.19	1603190	20.0
Hexadecanoic acid...	21.56	5.3	ng/ul	427132	5	21.19	1603190	20.0
Hexadecanoic acid...	21.59	10.2	ng/ul	813413	5	21.19	1603190	20.0
9-Octadecenamide,...	22.20	6.7	ng/ul	537111	5	21.19	1603190	20.0
Octadecanoic acid...	22.46	4.9	ng/ul	424021	6	23.39	1717490	20.0
unknown-10	22.50	9.0	ng/ul	774306	6	23.39	1717490	20.0
(DEL) Alkane: Str...	22.67	4.4	ng/ul	378427	6	23.39	1717490	20.0
(DEL) Alkane: Str...	23.84	4.8	ng/ul	413057	6	23.39	1717490	20.0