LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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	3.110	18	21	30	rVB	34442	56113	0.34%	0.095%
2	3.616	104	107	114	rVB	15060	24830	0.15%	0.042%
3	5.081	351	356	361	rBV	22942	33773	0.21%	0.057%
4	5.557	431	437	450	rBV	776520	1205390	7.33%	2.048%
5	6.628	613	619	622	rBV2	15528	26159	0.16%	0.044%
6	6.751	633	640	657	rBV	191931	448724	2.73%	0.763%
7	6.910	661	667	682	rBV	175946	346920	2.11%	0.590%
8	7.087	691	697	709	rBV	276465	486472	2.96%	0.827%
9	7.187	709	714	720	rVB2	10967	20124	0.12%	0.034%
10	7.551	770	776	789	rBV	496584	886588	5.39%	1.507%
11	8.275	893	899	914	rBV	240332	515668	3.14%	0.876%
12	8.398	916	920	929	rVB2	19311	39371	0.24%	0.067%
13	8.722	969	975	987	rBV	229521	430647	2.62%	0.732%
14	9.034	1024	1028	1033	rVB	18199	23881	0.15%	0.041%
15	9.434	1090	1096	1110	rBV	195010	366212	2.23%	0.622%
16	9.981	1181	1189	1202	rBV	202987	504705	3.07%	0.858%
17	10.328	1241	1248	1254	rBV	701521	1159408	7.05%	1.970%
18	10.375	1254	1256	1261	rVB	25726	33578	0.20%	0.057%
19	10.510	1273	1279	1299	rBV2	110526	342205	2.08%	0.582%
20	12.016	1529	1535	1545	rVB3	8933	18880	0.11%	0.032%
21	12.233	1567	1572	1577	rBV4	12845	27231	0.17%	0.046%
22	12.804	1665	1669	1675	rVB3	17916	29388	0.18%	0.050%
23	12.998	1696	1702	1707	rBV2	12298	20166	0.12%	0.034%
24	13.527	1784	1792	1798	rBV6	7155	17308	0.11%	0.029%
25	13.633	1804	1810	1815	rBV	579584	818333	4.98%	1.391%
26	13.680	1815	1818	1829	rVB	210931	333493	2.03%	0.567%
27	13.904	1844	1856	1866	rBV	642928	1012065	6.16%	1.720%
28	14.086	1883	1887	1892	rBV	26311	38634	0.24%	0.066%
29	14.210	1902	1908	1916	rBV2	984935	1511214	9.19%	2.568%
30	14.274	1916	1919	1928	rVB2	19076	32440	0.20%	0.055%
31	14.521	1956	1961	1977	rBV4	53454	223066	1.36%	0.379%
32	14.645	1978	1982	1986	rVB4	25448	41088	0.25%	0.070%
33	14.998	2037	2042	2046	rVB2	13494	23012	0.14%	0.039%
34	15.051	2046	2051	2056	rBV2	44792	62575	0.38%	0.106%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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	15.110	2056	2061	2066	rVV3	17089	27046	0.16%	0.046%
36	15.216	2073	2079	2086	rBV	810027	1221854	7.43%	2.076%
37	15.386	2102	2108	2115	rBV2	116315	206185	1.25%	0.350%
38	15.451	2115	2119	2124	rVB4	36097	57635	0.35%	0.098%
39	15.586	2138	2142	2144	rBV3	24071	37641	0.23%	0.064%
40	15.657	2150	2154	2158	rBV	56256	72668	0.44%	0.123%
41	15.692	2158	2160	2163	rVB3	20642	22122	0.13%	0.038%
42	15.733	2163	2167	2172	rBV3	21530	42864	0.26%	0.073%
43	15.933	2195	2201	2202	rBV	99991	178575	1.09%	0.303%
44	15.957	2202	2205	2210	rVV	217794	289042	1.76%	0.491%
45	15.998	2210	2212	2215	rVB2	22127	22079	0.13%	0.038%
46	16.051	2215	2221	2225	rBV	523945	703791	4.28%	1.196%
47	16.110	2226	2231	2237	rVV2	542823	1017785	6.19%	1.730%
48	16.168	2237	2241	2245	rVV2	496937	772832	4.70%	1.313%
49	16.210	2245	2248	2252	rVV	310975	426917	2.60%	0.726%
50	16.263	2252	2257	2260	rVV2	249468	473620	2.88%	0.805%
51	16.316	2263	2266	2270	rVV	237650	307743	1.87%	0.523%
52	16.368	2270	2275	2282	rVB4	410290	803571	4.89%	1.366%
53	16.439	2282	2287	2291	rBV	541395	774755	4.71%	1.317%
54	16.480	2291	2294	2296	rVV2	148140	219217	1.33%	0.373%
55	16.510	2296	2299	2306	rVB	314639	416370	2.53%	0.708%
56	16.568	2306	2309	2314	rBV	51201	63452	0.39%	0.108%
57	16.651	2318	2323	2329	rBV	52408	97028	0.59%	0.165%
58	16.739	2329	2338	2347	rBV	1175840	1658146	10.09%	2.818%
59	16.845	2352	2356	2361	rBV	398029	483952	2.94%	0.822%
60	16.939	2368	2372	2373	rBV2	55606	62411	0.38%	0.106%
61	16.974	2373	2378	2383	rVV	1162168	1651589	10.05%	2.807%
62	17.015	2383	2385	2390	rVV	167578	217450	1.32%	0.370%
63	17.074	2390	2395	2404	rVV	821292	1192122	7.25%	2.026%
64	17.145	2405	2407	2411	rVB4	31813	33872	0.21%	0.058%
65	17.362	2441	2444	2448	rBV3	20828	27394	0.17%	0.047%
66	17.451	2456	2459	2463	rVB	61061	70683	0.43%	0.120%
67	17.580	2476	2481	2484	rVB2	50002	73474	0.45%	0.125%
68	17.692	2495	2500	2505	rBV	336465	470232	2.86%	0.799%
69	17.810	2517	2520	2525	rBV5	32534	64821	0.39%	0.110%
70	17.868	2525	2530	2539	rVV	746814	1092869	6.65%	1.857%
71	17.945	2539	2543	2547	rVB	202143	259595	1.58%	0.441%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	18.045	2556	2560	2565	rBV4	97349	131895	0.80%	0.224%
73	18.145	2573	2577	2585	rBV2	88205	127844	0.78%	0.217%
74	18.327	2605	2608	2612	rBV4	58070	85167	0.52%	0.145%
75	18.786	2683	2686	2689	rBV2	69701	85487	0.52%	0.145%
76	19.045	2726	2730	2736	rBV	275416	392573	2.39%	0.667%
77	19.156	2746	2749	2760	rVB2	382577	621632	3.78%	1.056%
78	19.386	2783	2788	2791	rBV	903698	1298562	7.90%	2.207%
79	19.451	2796	2799	2805	rVB	193067	260968	1.59%	0.444%
80	20.321	2942	2947	2952	rBV	6772234	7296980	44.39%	12.401%
81	20.880	3038	3042	3051	rVB3	509757	925820	5.63%	1.573%
82	21.092	3073	3078	3082	rBV	15198802	16438389	100.00%	27.936%
83	21.186	3089	3094	3099	rBV2	1582935	2392147	14.55%	4.065%
84	21.392	3127	3129	3132	rBV	266664	271603	1.65%	0.462%
85	23.392	3465	3469	3475	rVB	1031531	1740651	10.59%	2.958%

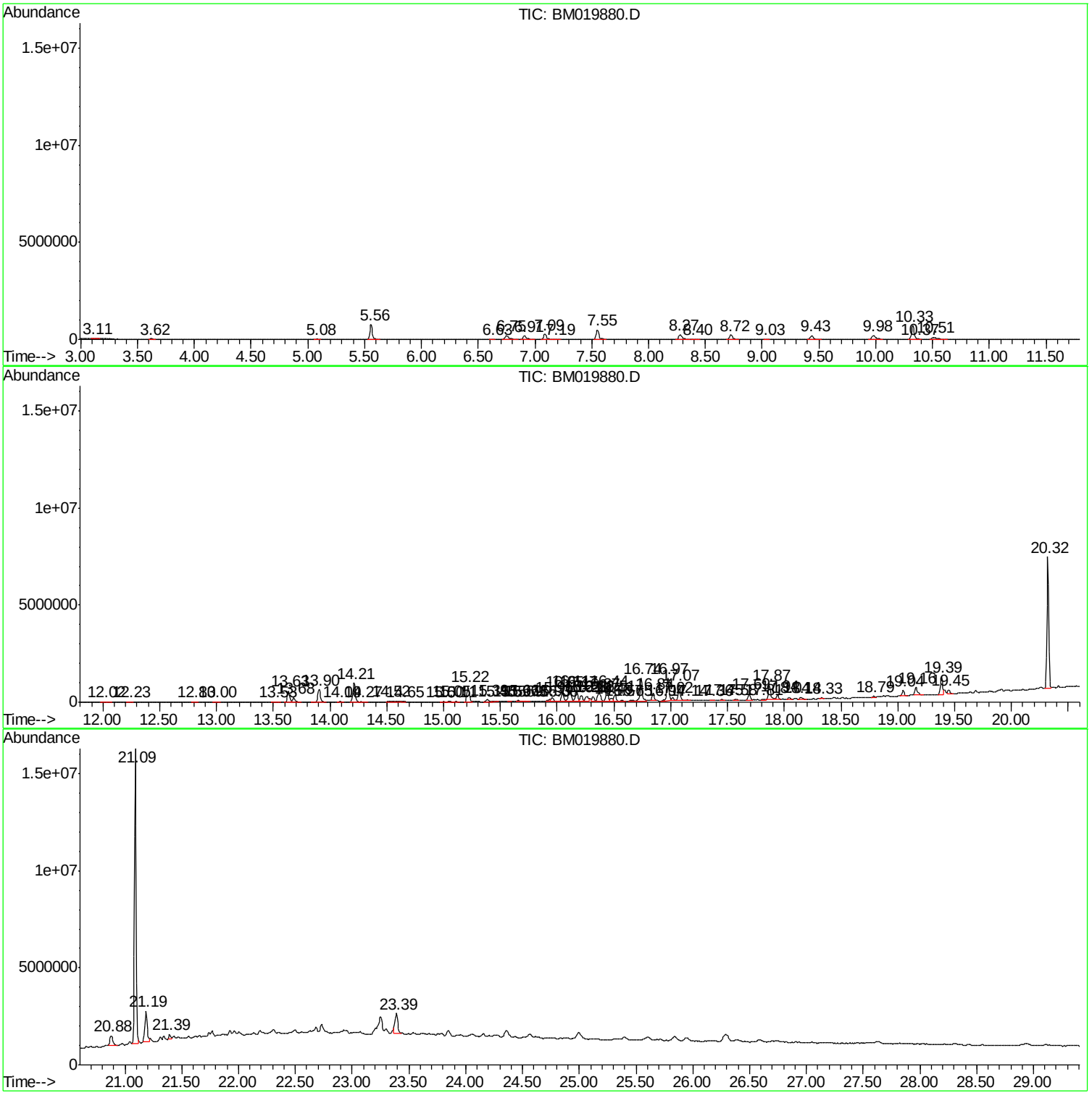
Sum of corrected areas: 58842781

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC19

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\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

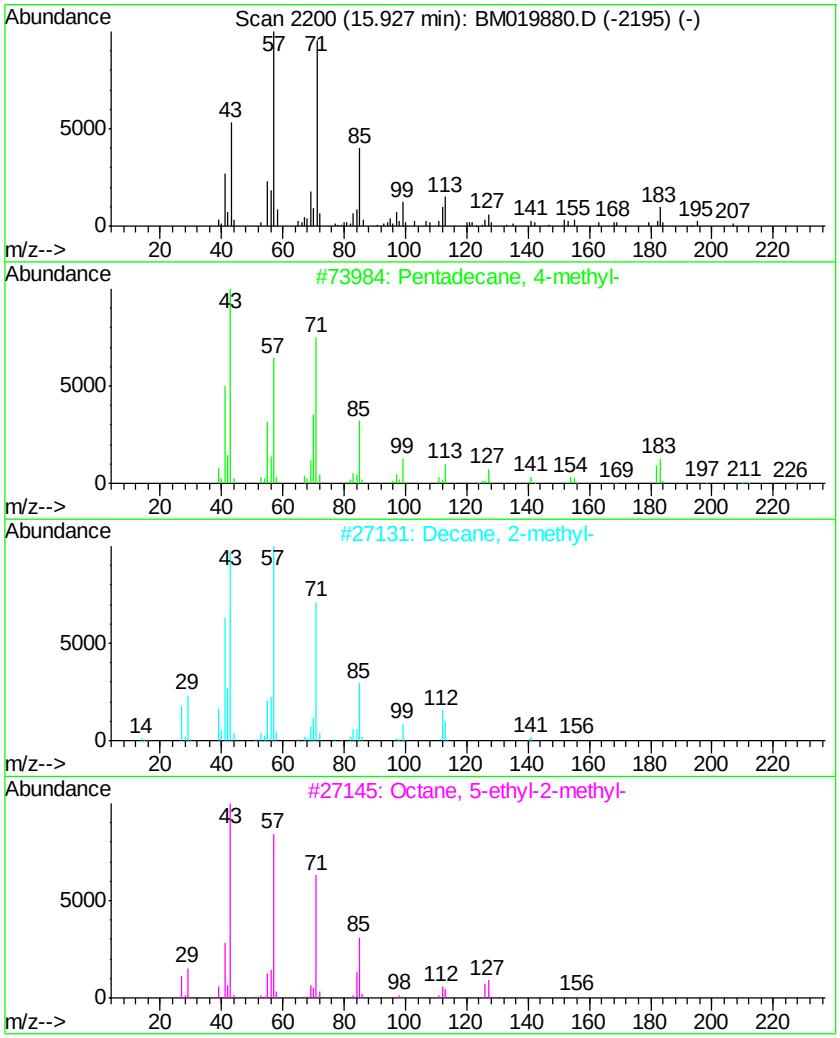
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

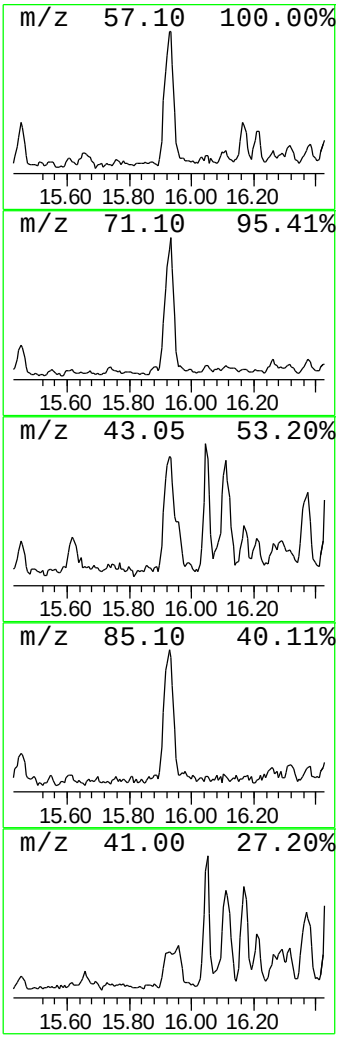
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.16 ng/ul	178575	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	78
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

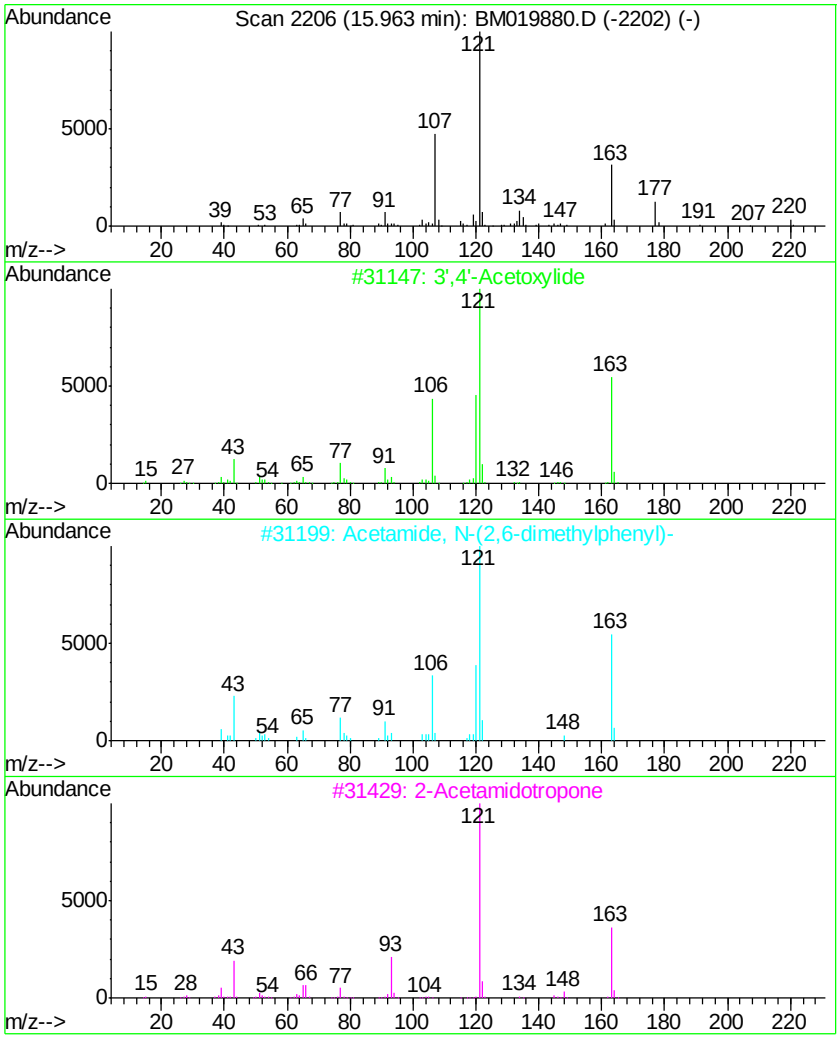
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

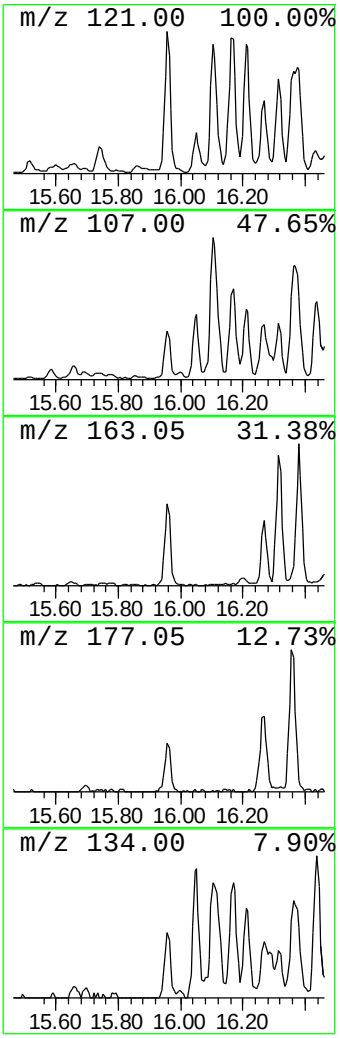
****

Peak Number 3 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.50 ng/ul	289042	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	47
3	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43
5	2-Butanone, 4-(4-methoxyphenyl)-	178	C11H14O2	000104-20-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

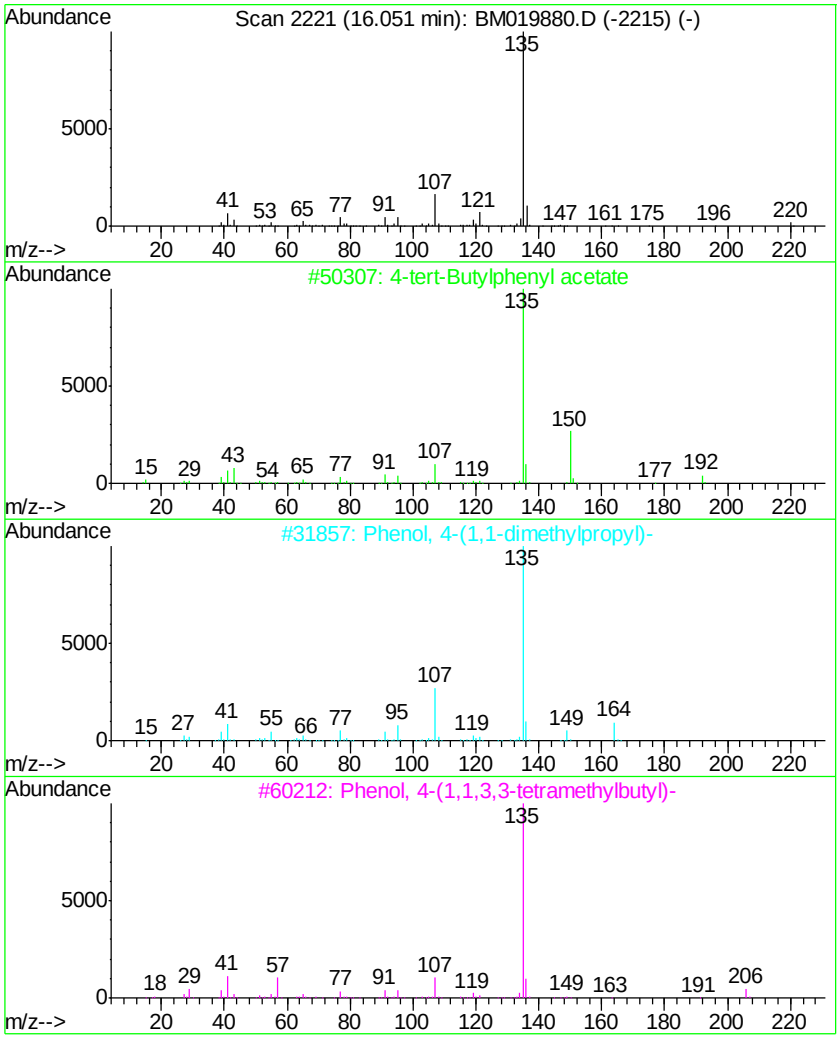
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

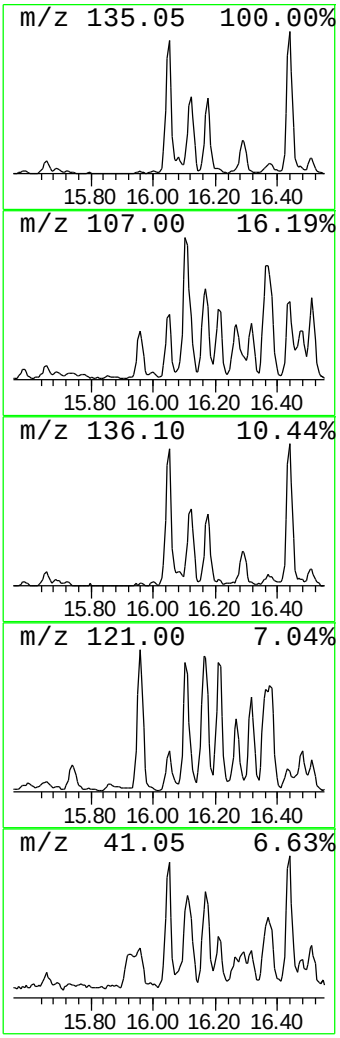
****

Peak Number 4 4-tert-Butylphenyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	8.52 ng/ul	703791	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

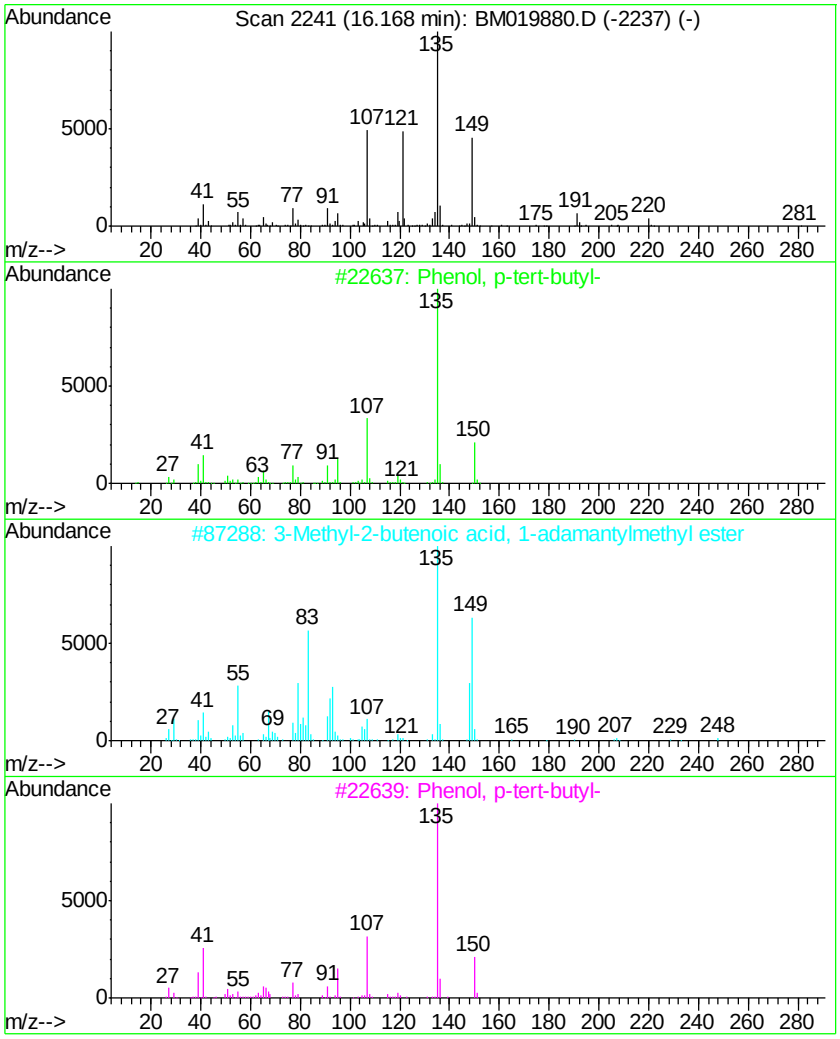
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

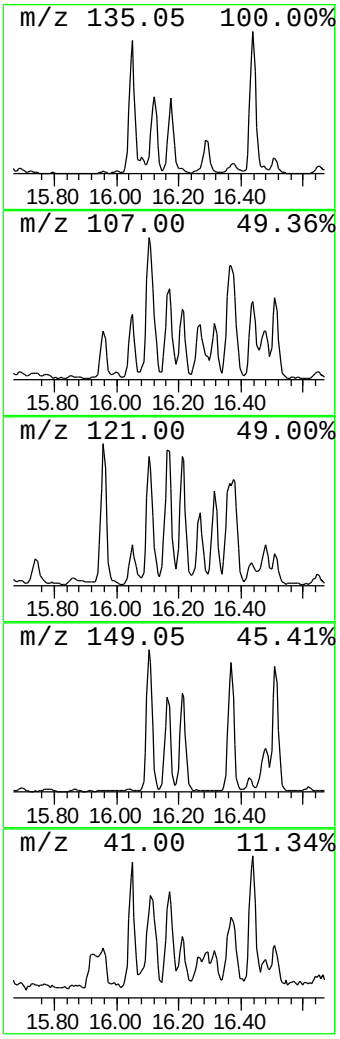
****

Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	9.36 ng/ul	772832	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	3-Methyl-2-butenoic acid, 1-adam...	248	C16H24O2	1000282-89-4	53
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
4	Hexestrol	270	C18H22O2	005635-50-7	50
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

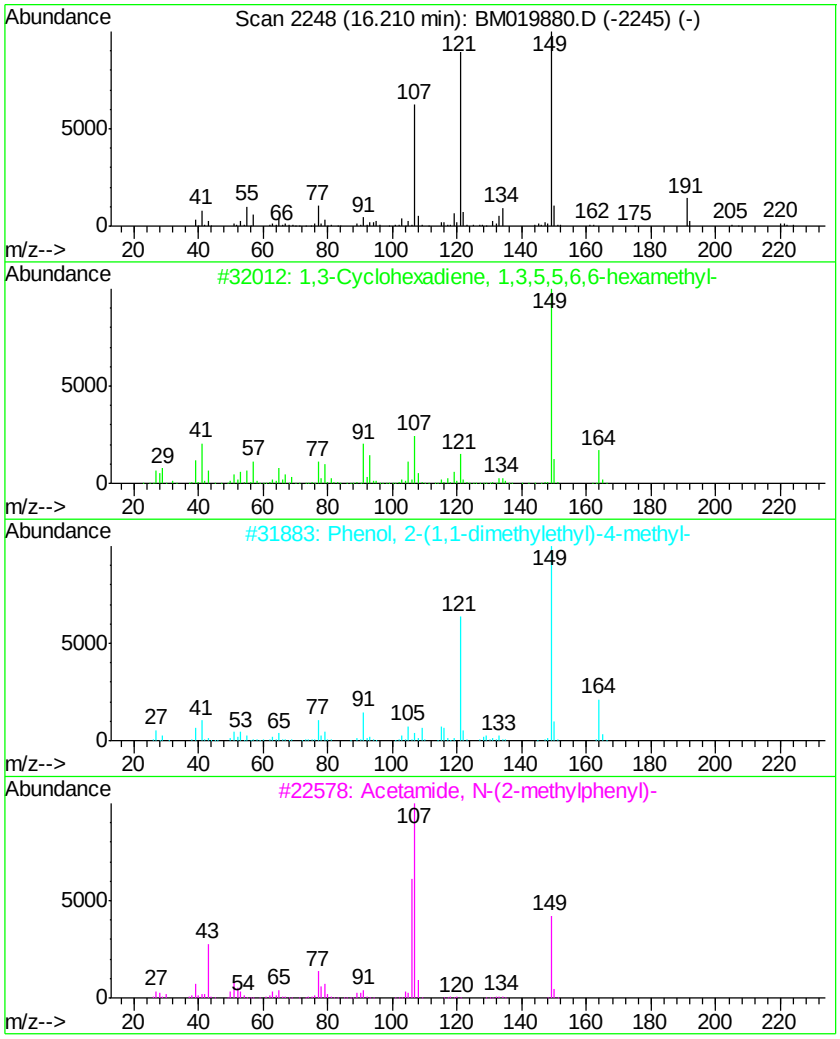
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

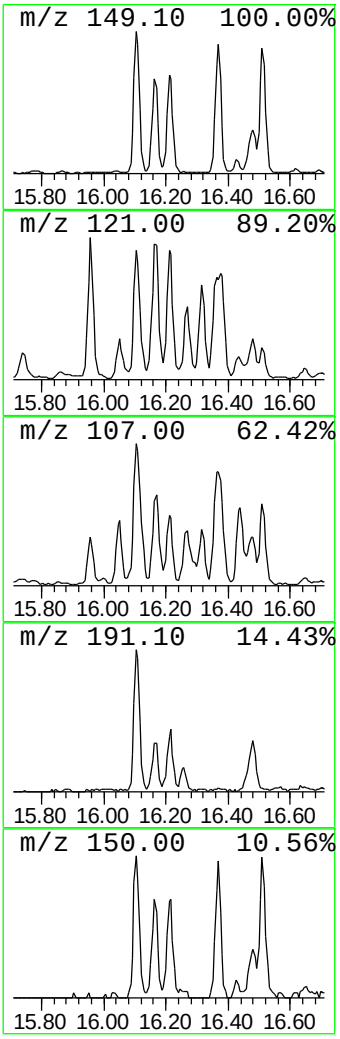
****

Peak Number 7 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	5.17 ng/ul	426917	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	47
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
4	Tricyclo[3.3.1.1(3,7)]decanone, ...	276	C10H13IO	056781-85-2	42
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

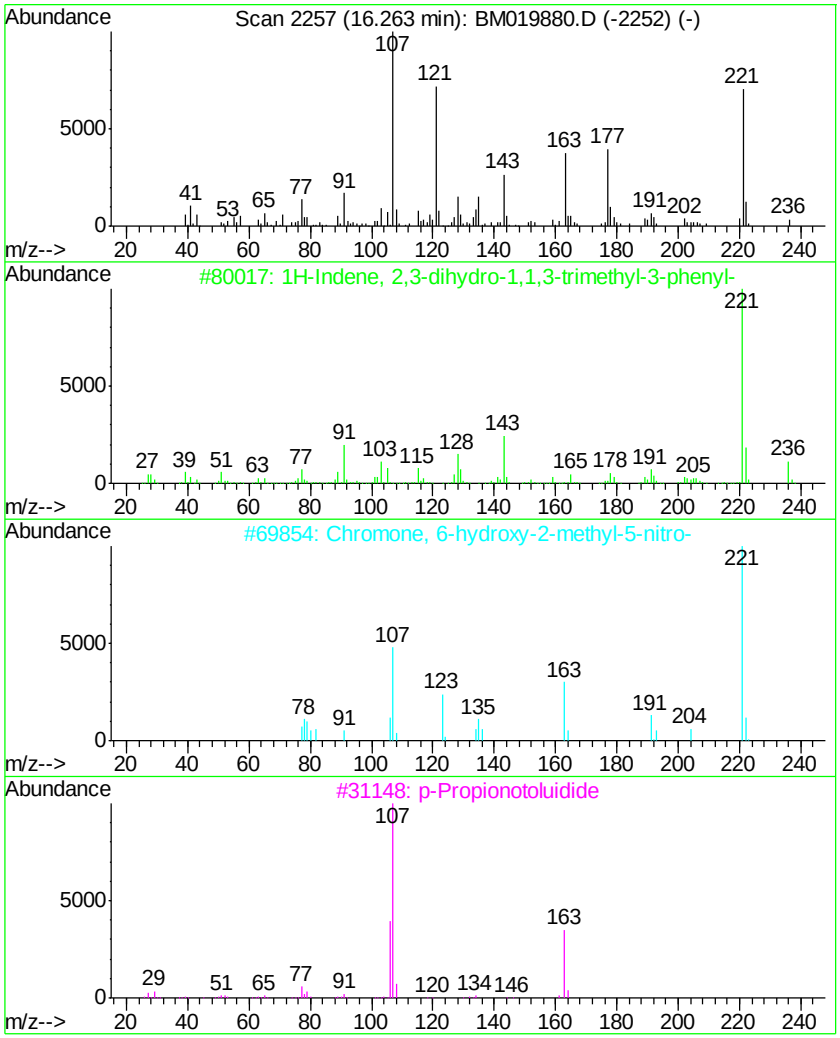
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

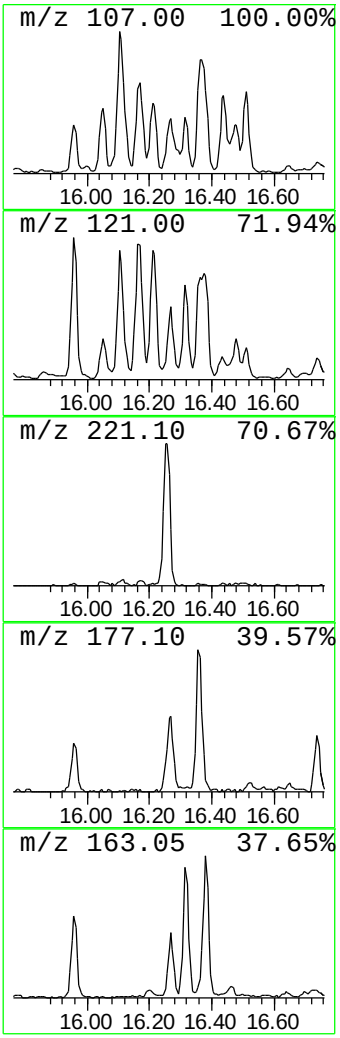
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	5.74 ng/ul	473620	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	64
2	Chromone, 6-hydroxy-2-methyl-5-n...	221	C10H7NO5	030095-72-8	58
3	p-Propionotoluidide	163	C10H13NO	002759-55-9	30
4	3-(4-Isobutoxybenzylthio)-5-meth...	277	C14H19N3OS	057736-55-7	27
5	Benzeneethanol, .beta.-(1-methyl...	270	C18H22O2	053288-15-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

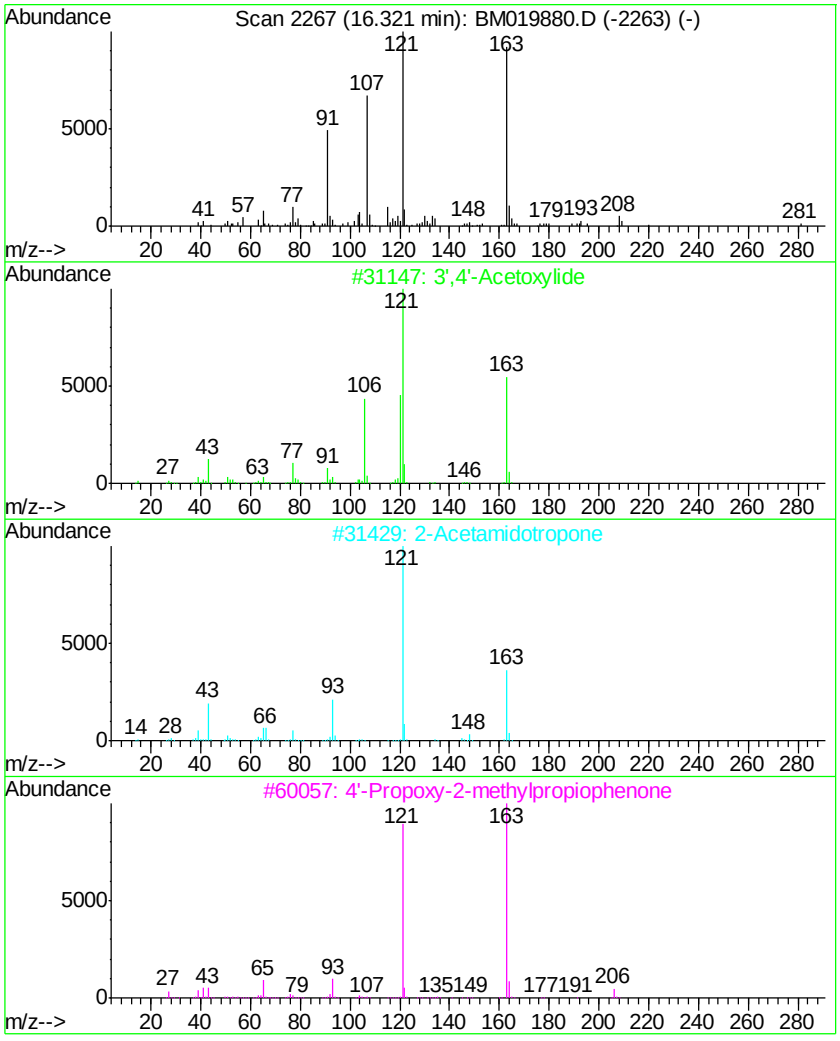
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

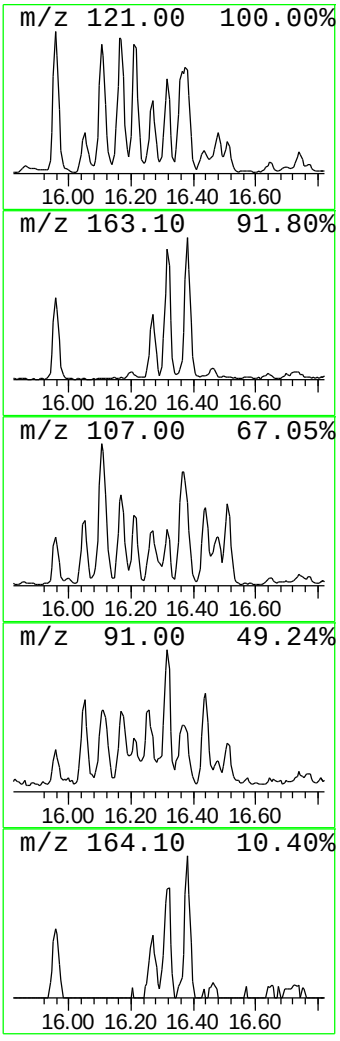
****

Peak Number 9 3',4'-Acetoxylide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.73 ng/ul	307743	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	64
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	53
3	4'-Propoxy-2-methylpropiophenone	206	C13H18O2	064436-60-8	53
4	Acetic acid, 2-(benzoyl-phenyl-a...	359	C22H17NO4	1000188-91-9	53
5	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

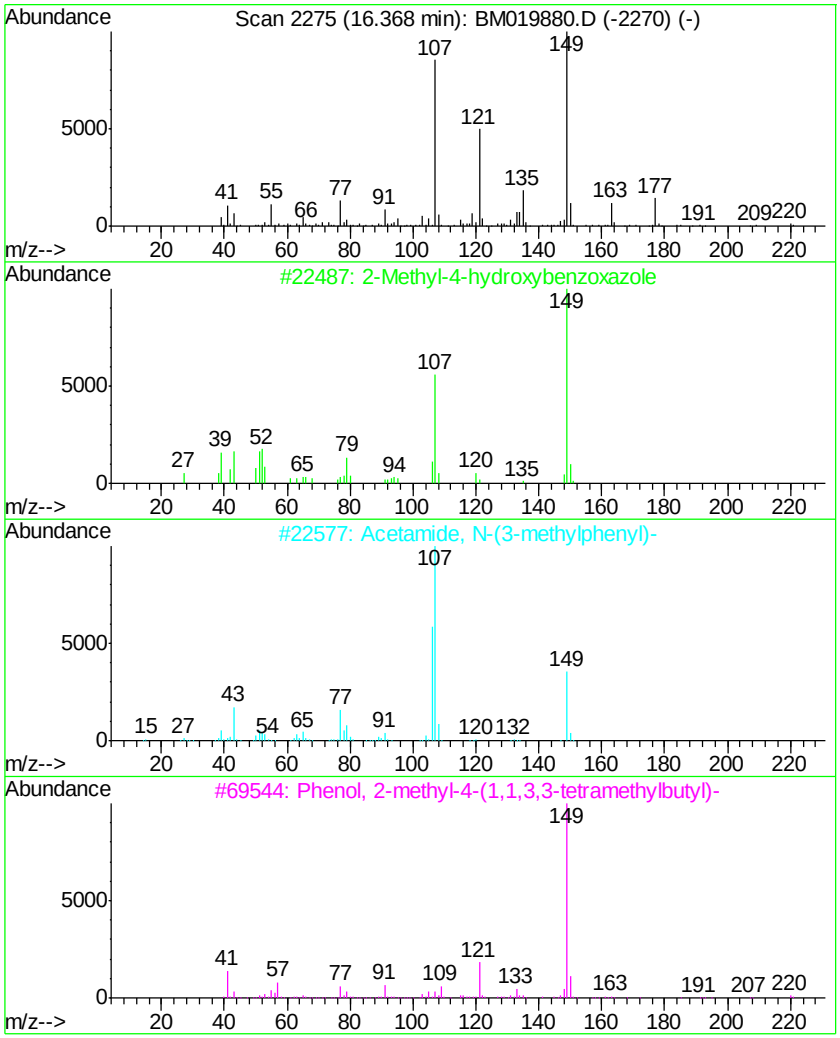
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

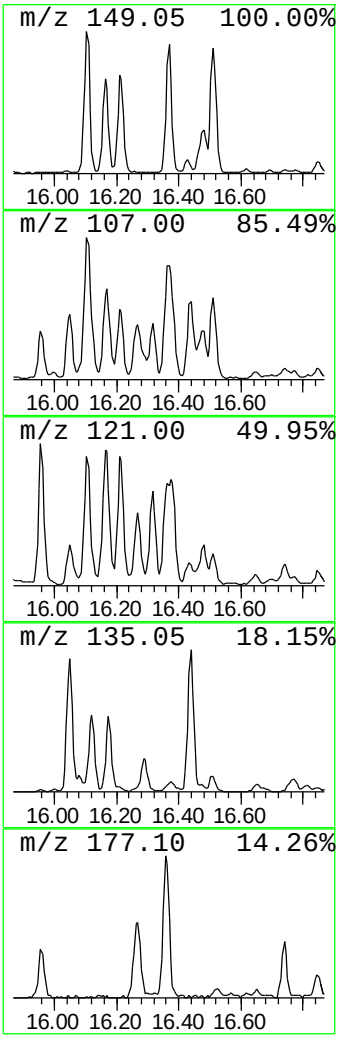
****

Peak Number 10 2-Methyl-4-hydroxybenzoxazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	9.73 ng/ul	803571	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	38
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

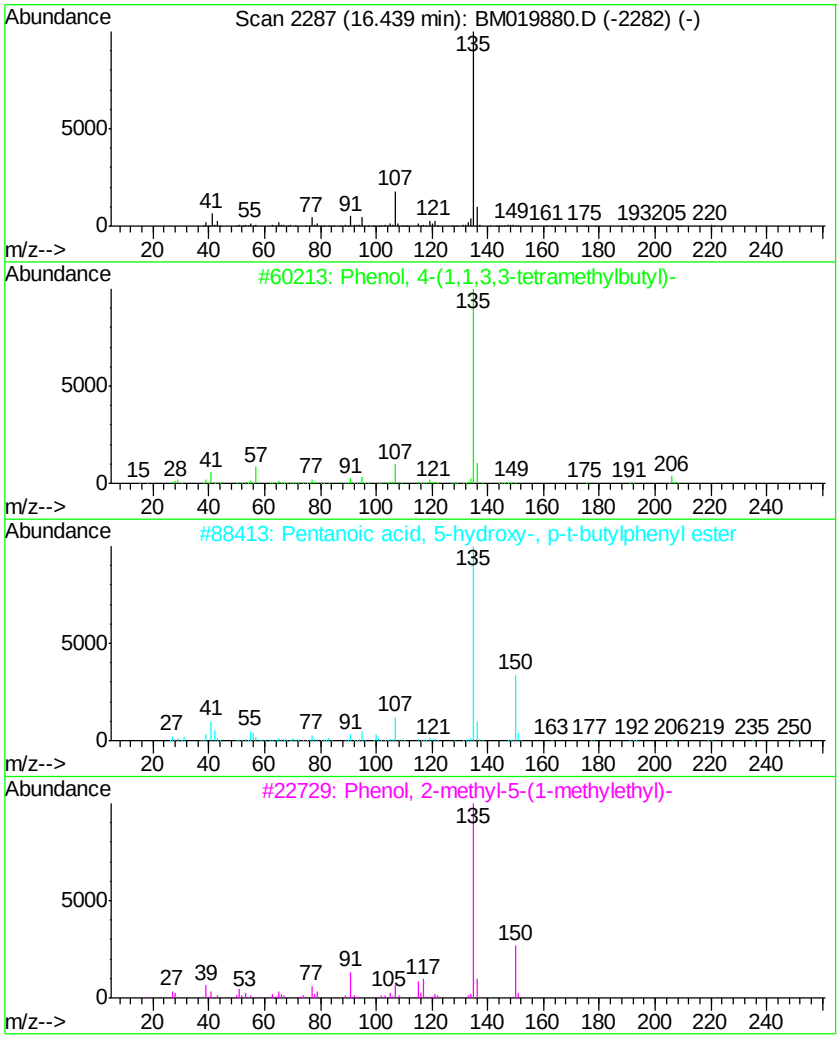
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

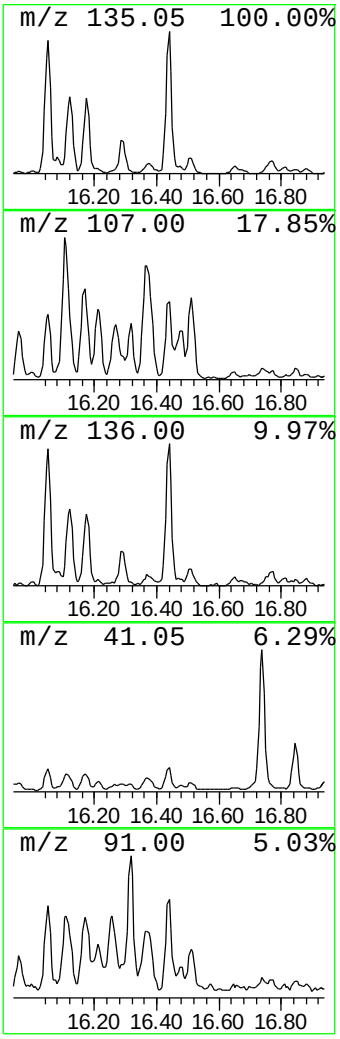
****

Peak Number 11 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	9.38 ng/ul	774755	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	64
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

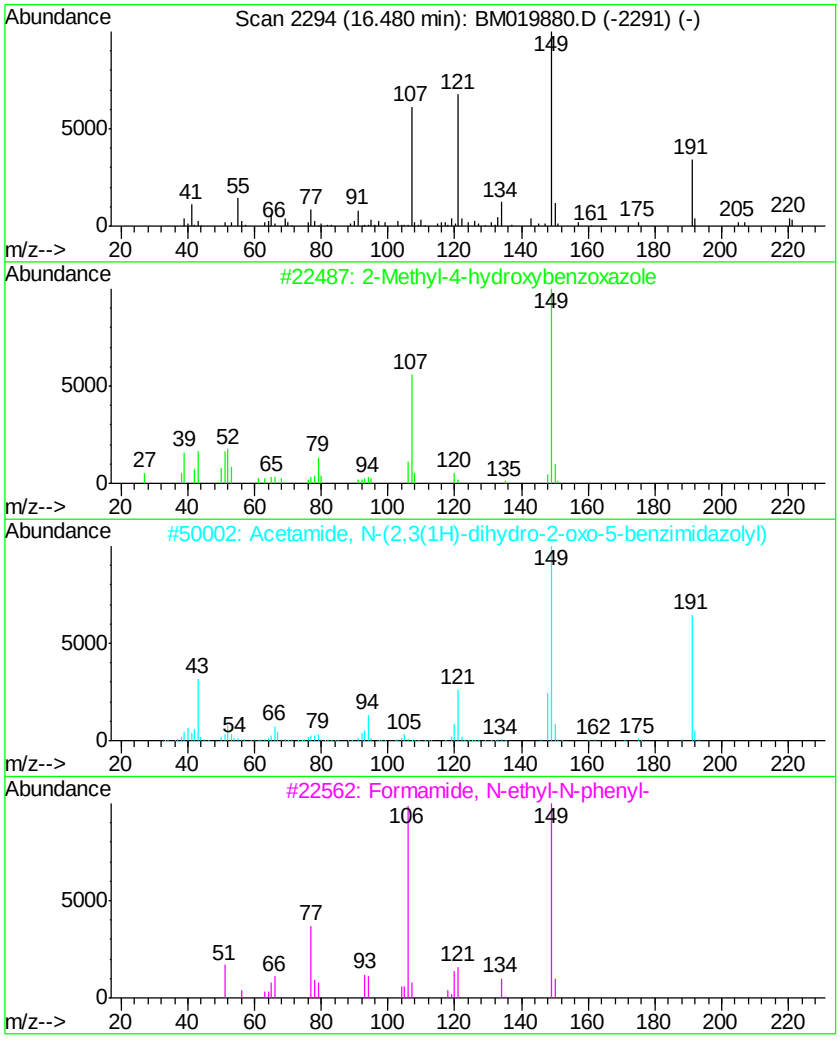
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

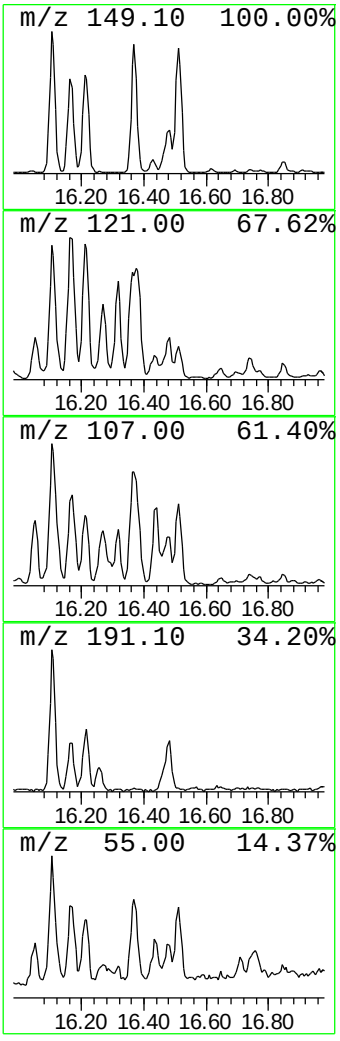
****

Peak Number 12 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.65 ng/ul	219217	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
2	Acetamide, N-(2,3(1H)-dihydro-2-...	191	C9H9N3O2	091085-68-6	49
3	Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	43
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	43
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

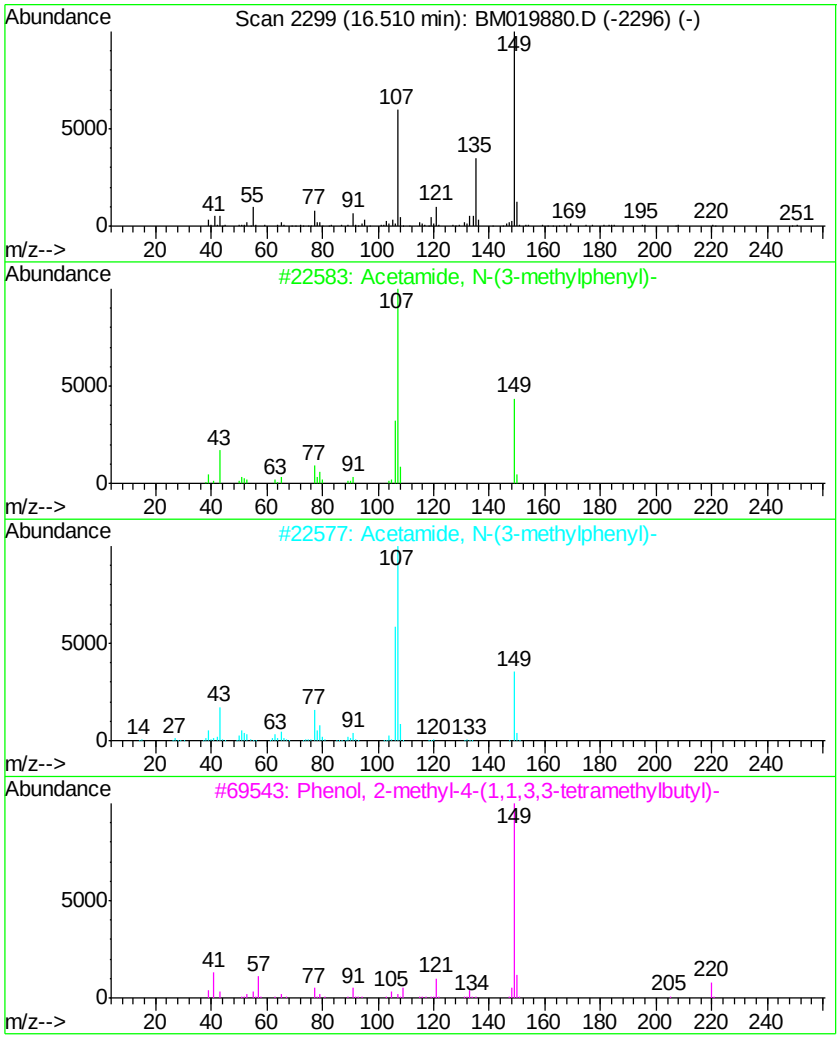
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

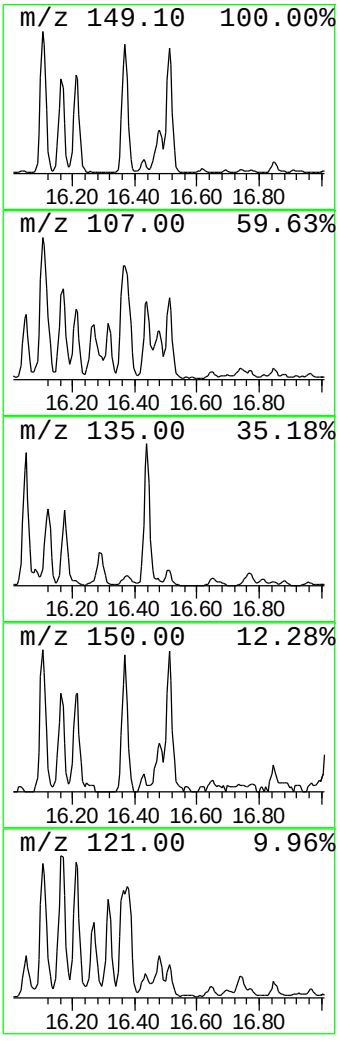
****

Peak Number 13 Acetamide, N-(3-methylphenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.04 ng/ul	416370	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
4	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	43
5	o-Toluylic acid, 1-adamantylmeth...	284	C19H24O2	1000292-22-6	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

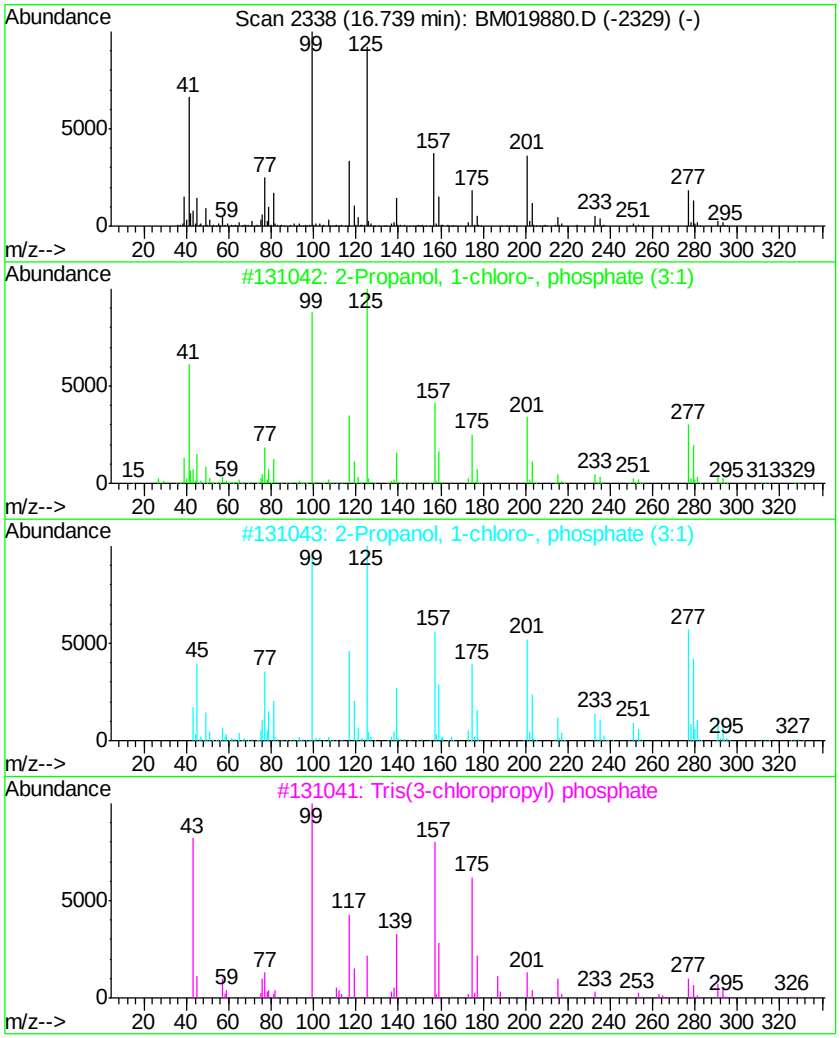
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

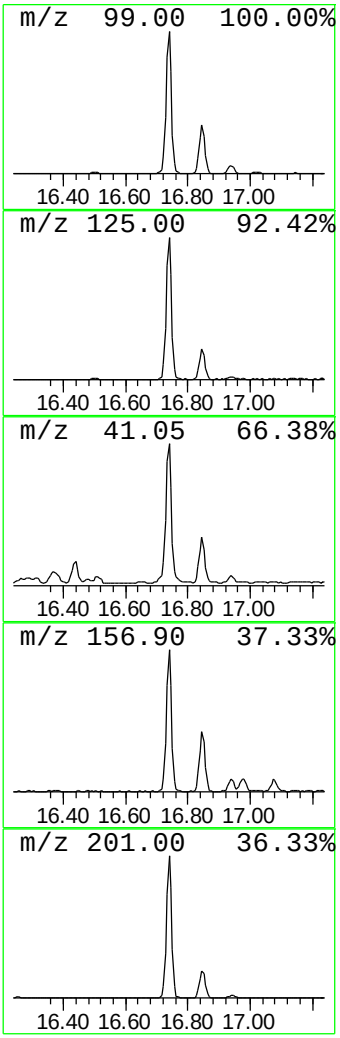
****

Peak Number 14 2-Propanol, 1-chloro-, phos... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	20.08 ng/ul	1658150	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	91
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	62
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	38
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	22
5	Cholestan-3,22,26-triol	420	C27H48O3	1000252-39-8	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

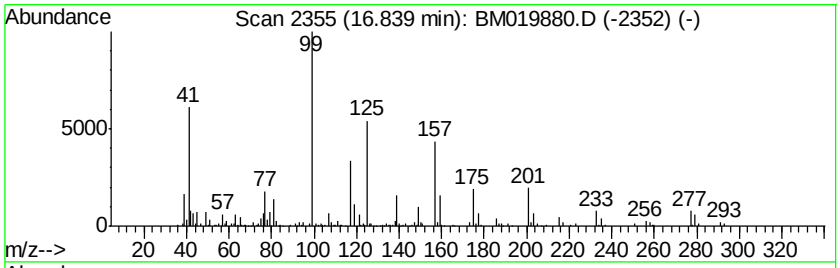
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

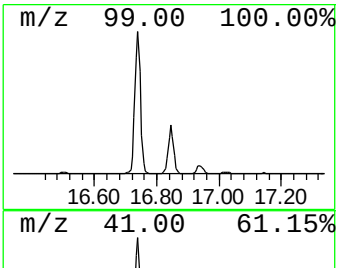
****

Peak Number 15 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	5.86 ng/ul	483952	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	81
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	43
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	42
4	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	25
5	Sarin	140	C4H10FO2P	000107-44-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

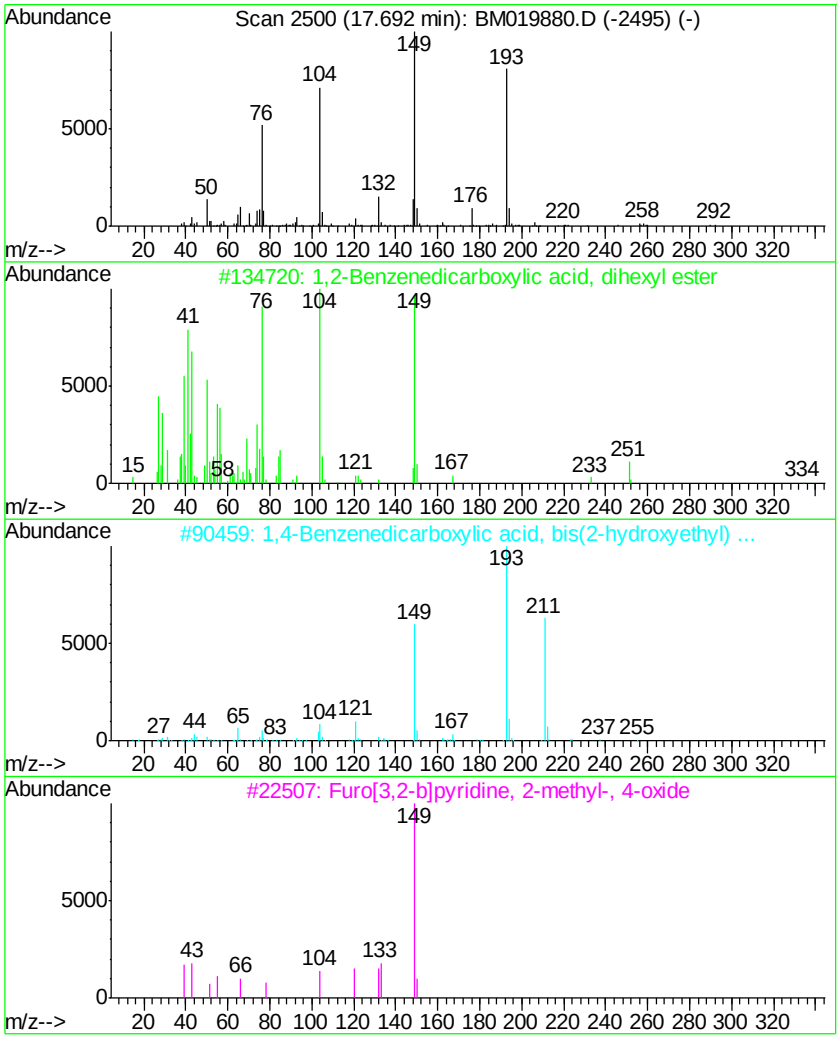
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

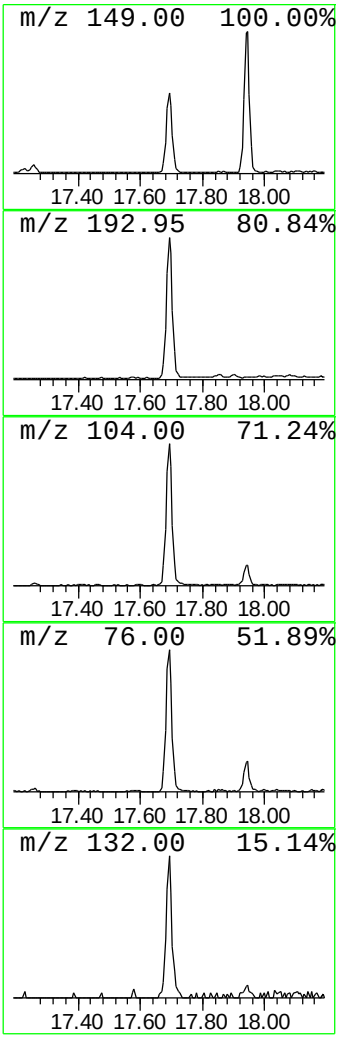
****

Peak Number 16 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	5.69 ng/ul	470232	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	43
2	1,4-Benzenedicarboxylic acid, bi...	254	C12H14O6	000959-26-2	42
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	22
4	Diethyl Phthalate	222	C12H14O4	000084-66-2	22
5	m-Nitrobenzaldehyde dimethylhydr...	193	C9H11N3O2	032787-76-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

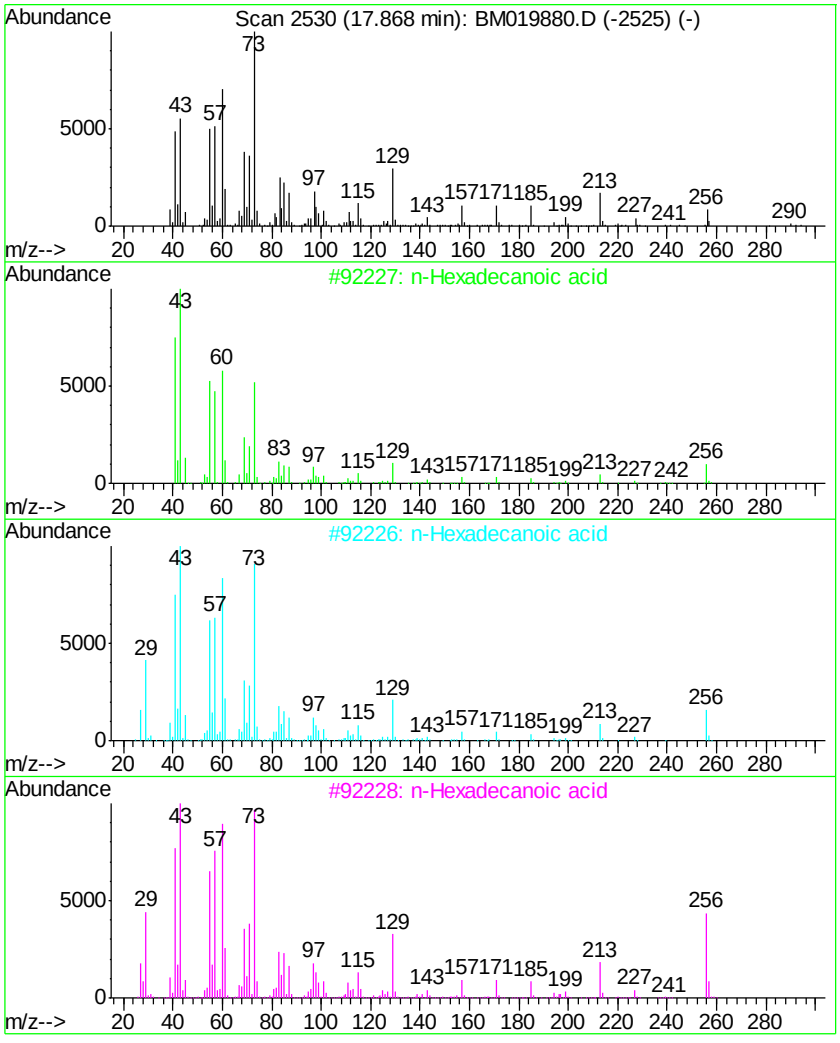
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

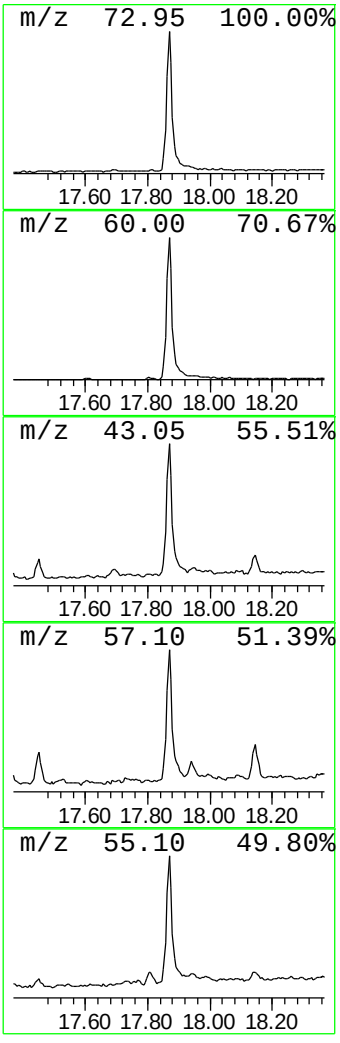
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	13.23 ng/ul	1092870	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

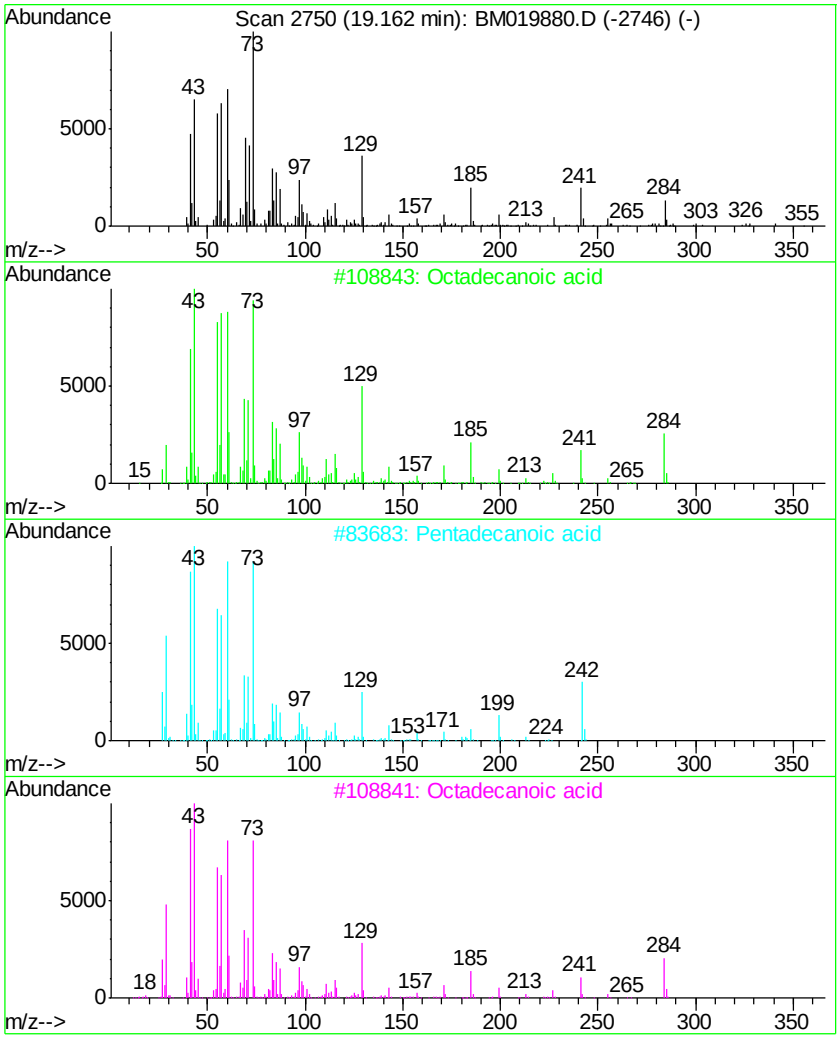
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

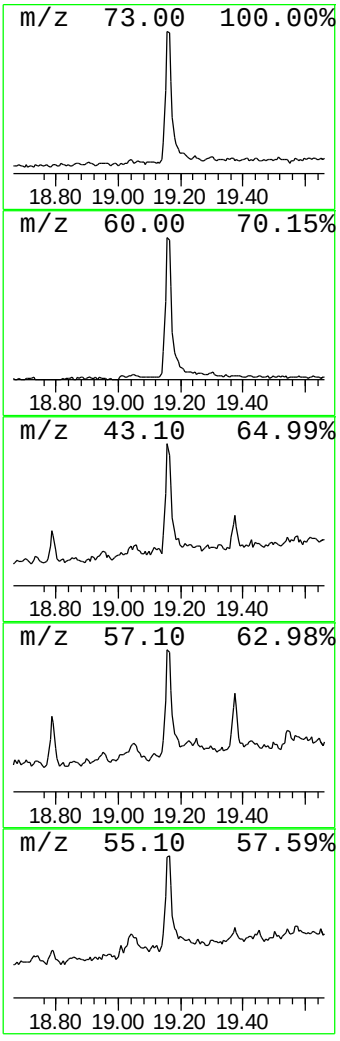
****

Peak Number 18 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	5.20 ng/ul	621632	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

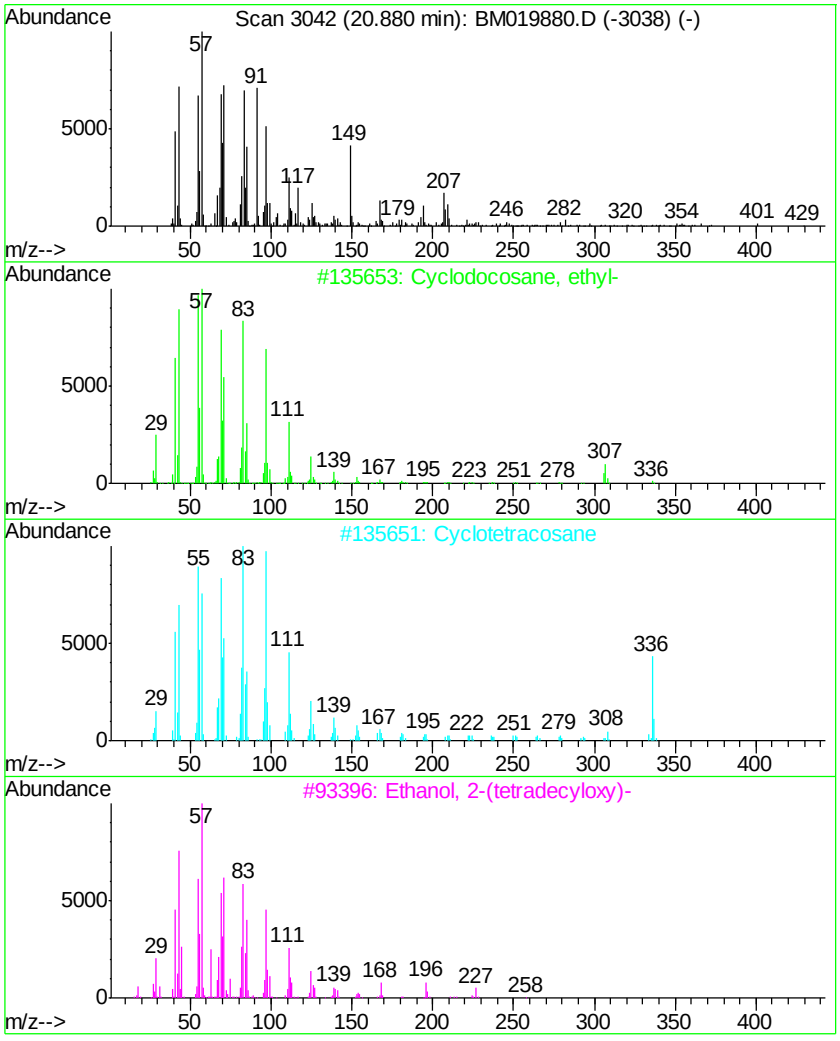
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

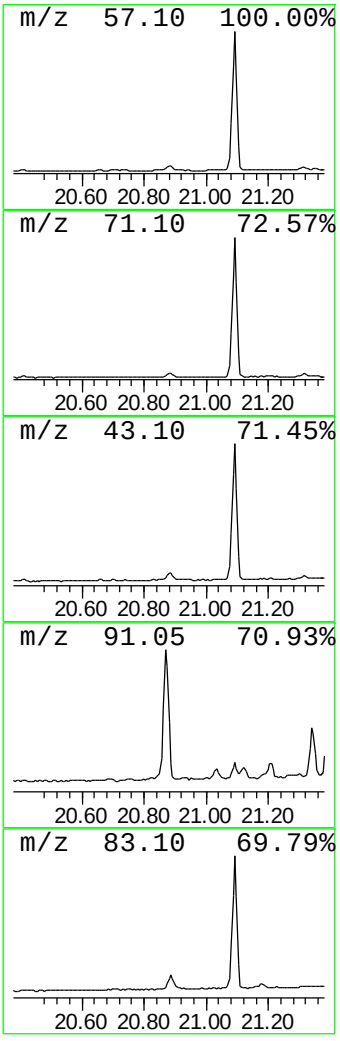
****

Peak Number 19 (DEL) Alkane: Cyclic20.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	7.74 ng/ul	925820	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
2	Cyclotetracosane	336	C24H48	000297-03-0	86
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	70
5	Eicosane	282	C20H42	000112-95-8	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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

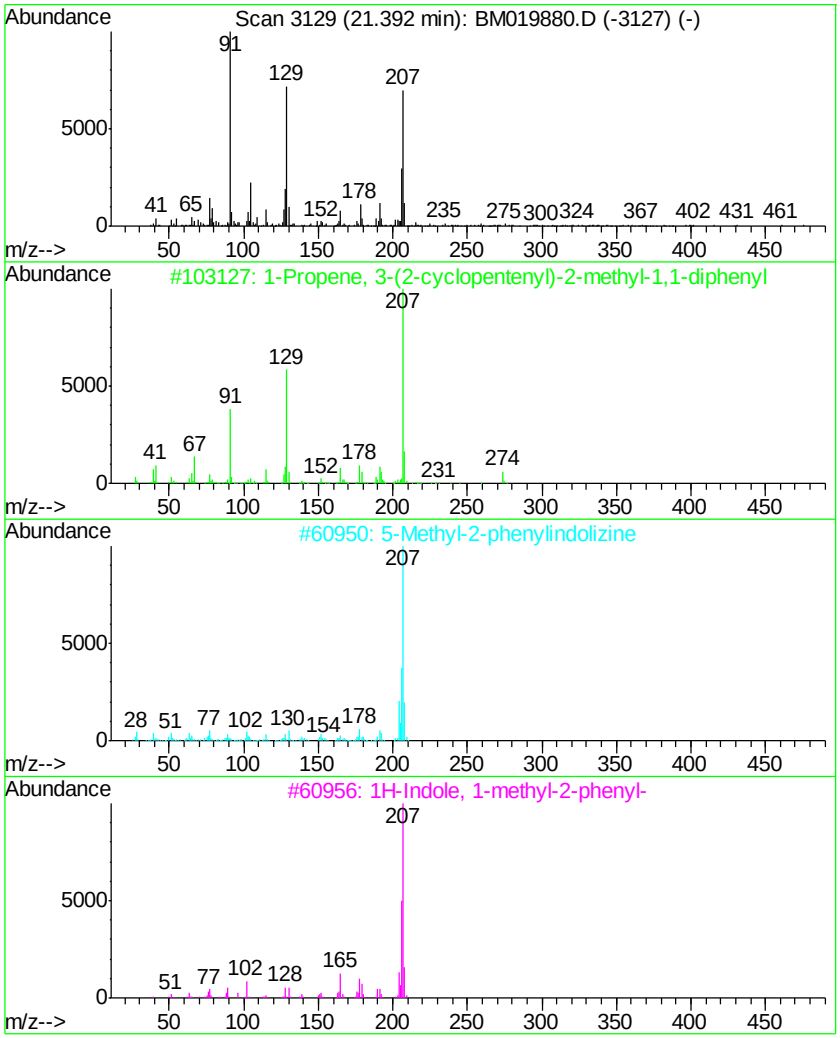
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

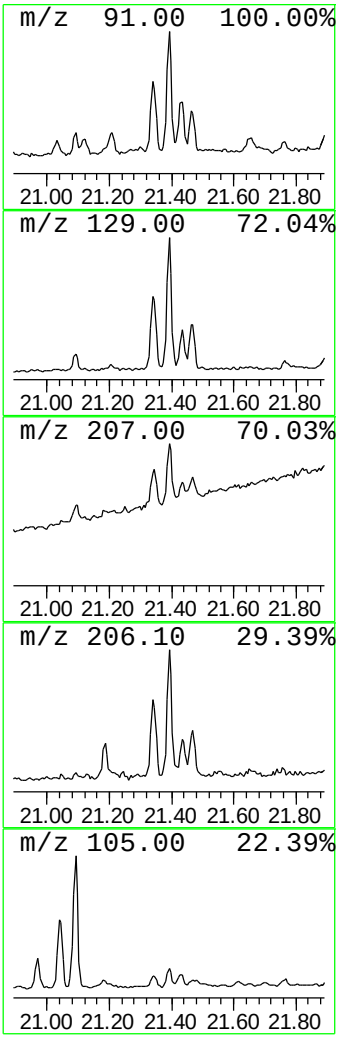
****

Peak Number 20 1-Propene, 3-(2-cyclopenten... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.27 ng/ul	271603	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	53
2	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	35
5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019880.D
Acq On : 11 Apr 2019 01:51
Operator : JU/SJ
Sample : K2255-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC19

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
(DEL) Alkane: Str...	15.93	2.2	ng/ul	178575	4	16.97	1651590	20.0
unknown-01	15.96	3.5	ng/ul	289042	4	16.97	1651590	20.0
4-tert-Butylpheny...	16.05	8.5	ng/ul	703791	4	16.97	1651590	20.0
Phenol, p-tert-bu...	16.17	9.4	ng/ul	772832	4	16.97	1651590	20.0
unknown-02	16.21	5.2	ng/ul	426917	4	16.97	1651590	20.0
1H-Indene, 2,3-di...	16.26	5.7	ng/ul	473620	4	16.97	1651590	20.0
3',4'-Acetoxylide	16.32	3.7	ng/ul	307743	4	16.97	1651590	20.0
2-Methyl-4-hydrox...	16.37	9.7	ng/ul	803571	4	16.97	1651590	20.0
Phenol, 4-(1,1,3,...	16.44	9.4	ng/ul	774755	4	16.97	1651590	20.0
unknown-03	16.48	2.6	ng/ul	219217	4	16.97	1651590	20.0
Acetamide, N-(3-m...	16.51	5.0	ng/ul	416370	4	16.97	1651590	20.0
2-Propanol, 1-chl...	16.74	20.1	ng/ul	1658150	4	16.97	1651590	20.0
Bis(1-chloro-2-pr...	16.84	5.9	ng/ul	483952	4	16.97	1651590	20.0
unknown-04	17.69	5.7	ng/ul	470232	4	16.97	1651590	20.0
n-Hexadecanoic acid	17.87	13.2	ng/ul	1092870	4	16.97	1651590	20.0
Octadecanoic acid	19.16	5.2	ng/ul	621632	5	21.19	2392150	20.0
(DEL) Alkane: Cyc...	20.88	7.7	ng/ul	925820	5	21.19	2392150	20.0
1-Propene, 3-(2-c...	21.39	2.3	ng/ul	271603	5	21.19	2392150	20.0