LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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	3.122	19	23	29	rBV	41884	67795	0.18%	0.020%
2	3.622	104	108	118	rVB	44017	67332	0.18%	0.019%
3	4.716	289	294	298	rBV2	22904	42014	0.11%	0.012%
4	5.099	353	359	365	rBV	39366	60910	0.16%	0.018%
5	5.222	376	380	388	rVB	25758	44085	0.11%	0.013%
6	5.569	434	439	452	rBV2	127797	226240	0.59%	0.065%
7	6.051	515	521	527	rBV	92315	138312	0.36%	0.040%
8	6.757	635	641	663	rBV	390756	812563	2.11%	0.235%
9	6.922	663	669	676	rBV	353721	610299	1.59%	0.176%
10	6.987	676	680	684	rVB	41179	58922	0.15%	0.017%
11	7.098	693	699	713	rVB	478857	819616	2.13%	0.237%
12	7.563	771	778	785	rBV	695357	1110366	2.89%	0.321%
13	8.287	894	901	913	rBV	456840	875301	2.28%	0.253%
14	8.398	913	920	931	rVB2	79733	195231	0.51%	0.056%
15	8.669	956	966	971	rBV2	34747	66700	0.17%	0.019%
16	8.734	971	977	992	rVV	465761	816763	2.13%	0.236%
17	9.445	1091	1098	1111	rBV	398353	710881	1.85%	0.205%
18	9.986	1183	1190	1210	rBV	479606	1029925	2.68%	0.298%
19	10.345	1243	1251	1256	rBV	1055267	1726153	4.49%	0.499%
20	10.392	1256	1259	1269	rVB	118747	203343	0.53%	0.059%
21	10.516	1271	1280	1296	rBV	239188	605768	1.58%	0.175%
22	13.657	1807	1814	1819	rBV	970842	1693511	4.41%	0.490%
23	13.704	1819	1822	1834	rVB	255683	455981	1.19%	0.132%
24	13.921	1852	1859	1873	rVB	1272299	2077685	5.41%	0.601%
25	14.227	1905	1911	1920	rBV2	1623523	2458382	6.40%	0.711%
26	14.492	1951	1956	1961	rBV	176695	346863	0.90%	0.100%
27	14.539	1961	1964	1973	rVB	88216	153097	0.40%	0.044%
28	14.668	1980	1986	1999	rVB	259752	414362	1.08%	0.120%
29	14.833	2004	2014	2021	rBV3	58979	235473	0.61%	0.068%
30	14.933	2028	2031	2034	rVB	49523	62042	0.16%	0.018%
31	15.039	2045	2049	2052	rBV2	28172	38912	0.10%	0.011%
32	15.127	2059	2064	2070	rVB	305694	410847	1.07%	0.119%
33	15.227	2075	2081	2087	rBV	1755992	2485721	6.47%	0.719%
34	15.298	2087	2093	2097	rBV	384806	531440	1.38%	0.154%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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	15.404	2103	2111	2117	rVB2	516992	1185135	3.08%	0.343%
36	15.463	2117	2121	2126	rBV2	137791	210189	0.55%	0.061%
37	15.527	2126	2132	2138	rBV	353012	604374	1.57%	0.175%
38	15.598	2138	2144	2150	rVV2	953782	1658825	4.32%	0.480%
39	15.674	2150	2157	2165	rVB4	497150	1312202	3.42%	0.379%
40	15.751	2165	2170	2178	rBV2	1587674	3084574	8.03%	0.892%
41	15.810	2178	2180	2186	rVB2	316290	440963	1.15%	0.127%
42	15.868	2186	2190	2193	rBV2	553854	842926	2.19%	0.244%
43	15.898	2193	2195	2199	rVB2	295990	318304	0.83%	0.092%
44	15.939	2199	2202	2203	rBV2	69474	80731	0.21%	0.023%
45	15.980	2203	2209	2213	rVV	8849104	12016791	31.27%	3.474%
46	16.015	2213	2215	2219	rVB	736343	747823	1.95%	0.216%
47	16.068	2219	2224	2229	rBV	11382030	15652121	40.74%	4.525%
48	16.139	2229	2236	2241	rVV2	18345857	32499842	84.58%	9.395%
49	16.198	2241	2246	2250	rVV2	17328949	28744871	74.81%	8.309%
50	16.239	2250	2253	2257	rVV	12277006	14505483	37.75%	4.193%
51	16.315	2257	2266	2268	rVV2	8320960	17143937	44.62%	4.956%
52	16.339	2268	2270	2274	rVV	9330266	11605552	30.20%	3.355%
53	16.404	2274	2281	2286	rVV4	19626144	38423707	100.00%	11.107%
54	16.468	2286	2292	2295	rVV	19527755	28026896	72.94%	8.102%
55	16.498	2295	2297	2300	rVV2	6677431	8762199	22.80%	2.533%
56	16.539	2300	2304	2310	rVB2	14715984	19822756	51.59%	5.730%
57	16.598	2310	2314	2319	rVB3	210384	293999	0.77%	0.085%
58	16.668	2321	2326	2330	rBV	330202	462897	1.20%	0.134%
59	16.739	2330	2338	2343	rBV2	1145674	2143504	5.58%	0.620%
60	16.827	2350	2353	2355	rBV	146989	176153	0.46%	0.051%
61	16.862	2355	2359	2362	rVV2	442760	602662	1.57%	0.174%
62	16.898	2362	2365	2370	rVB	240820	299886	0.78%	0.087%
63	16.992	2376	2381	2386	rBV	1831954	2416835	6.29%	0.699%
64	17.033	2386	2388	2392	rVB	56212	55003	0.14%	0.016%
65	17.092	2392	2398	2408	rBV	1775009	2487801	6.47%	0.719%
66	17.168	2408	2411	2414	rVB4	35167	42821	0.11%	0.012%
67	17.462	2459	2461	2466	rVB3	43007	54409	0.14%	0.016%
68	17.704	2499	2502	2507	rBV	76118	100097	0.26%	0.029%
69	17.821	2518	2522	2527	rBV	230740	321844	0.84%	0.093%
70	17.886	2528	2533	2541	rVV	1872305	2504753	6.52%	0.724%
71	17.956	2541	2545	2551	rVB	657837	789480	2.05%	0.228%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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	18.051	2557	2561	2567	rBV	132678	198298	0.52%	0.057%
73	18.162	2575	2580	2582	rBV2	121676	185086	0.48%	0.054%
74	18.751	2676	2680	2684	rBV2	99911	126765	0.33%	0.037%
75	18.892	2701	2704	2709	rBV2	72365	97532	0.25%	0.028%
76	19.056	2728	2732	2739	rBV	329838	536526	1.40%	0.155%
77	19.174	2748	2752	2764	rBV	867455	1404091	3.65%	0.406%
78	19.398	2785	2790	2793	rBV	1694158	2286680	5.95%	0.661%
79	19.456	2798	2800	2806	rVB	279457	377062	0.98%	0.109%
80	19.745	2846	2849	2852	rBV	219292	287804	0.75%	0.083%
81	20.198	2923	2926	2929	rBV2	249734	279189	0.73%	0.081%
82	20.339	2945	2950	2954	rBV	11632360	12379938	32.22%	3.579%
83	20.809	3027	3030	3033	rBV	263739	291482	0.76%	0.084%
84	20.897	3040	3045	3056	rVB4	1252611	2053310	5.34%	0.594%
85	21.109	3076	3081	3085	rBV	28804460	34381924	89.48%	9.939%
86	21.197	3091	3096	3101	rBV	1823251	2587747	6.73%	0.748%
87	21.409	3129	3132	3135	rBV	275020	318710	0.83%	0.092%
88	21.621	3165	3168	3173	rVB	469905	632971	1.65%	0.183%
89	21.668	3174	3176	3179	rVV	251762	252622	0.66%	0.073%
90	21.939	3219	3222	3225	rBV	264737	294901	0.77%	0.085%
91	21.980	3225	3229	3233	rBV	1069651	1623755	4.23%	0.469%
92	22.744	3355	3359	3371	rVB	991614	2606523	6.78%	0.753%
93	22.956	3390	3395	3403	rVB	1012321	2080324	5.41%	0.601%
94	23.215	3436	3439	3442	rBV	363940	501166	1.30%	0.145%
95	23.262	3443	3447	3452	rVB2	939274	1592446	4.14%	0.460%
96	23.403	3467	3471	3477	rBV2	923613	1494190	3.89%	0.432%
97	24.174	3599	3602	3609	rVB	443769	788204	2.05%	0.228%
98	26.003	3905	3913	3930	rVB2	1476987	4178781	10.88%	1.208%

Sum of corrected areas: 345933207

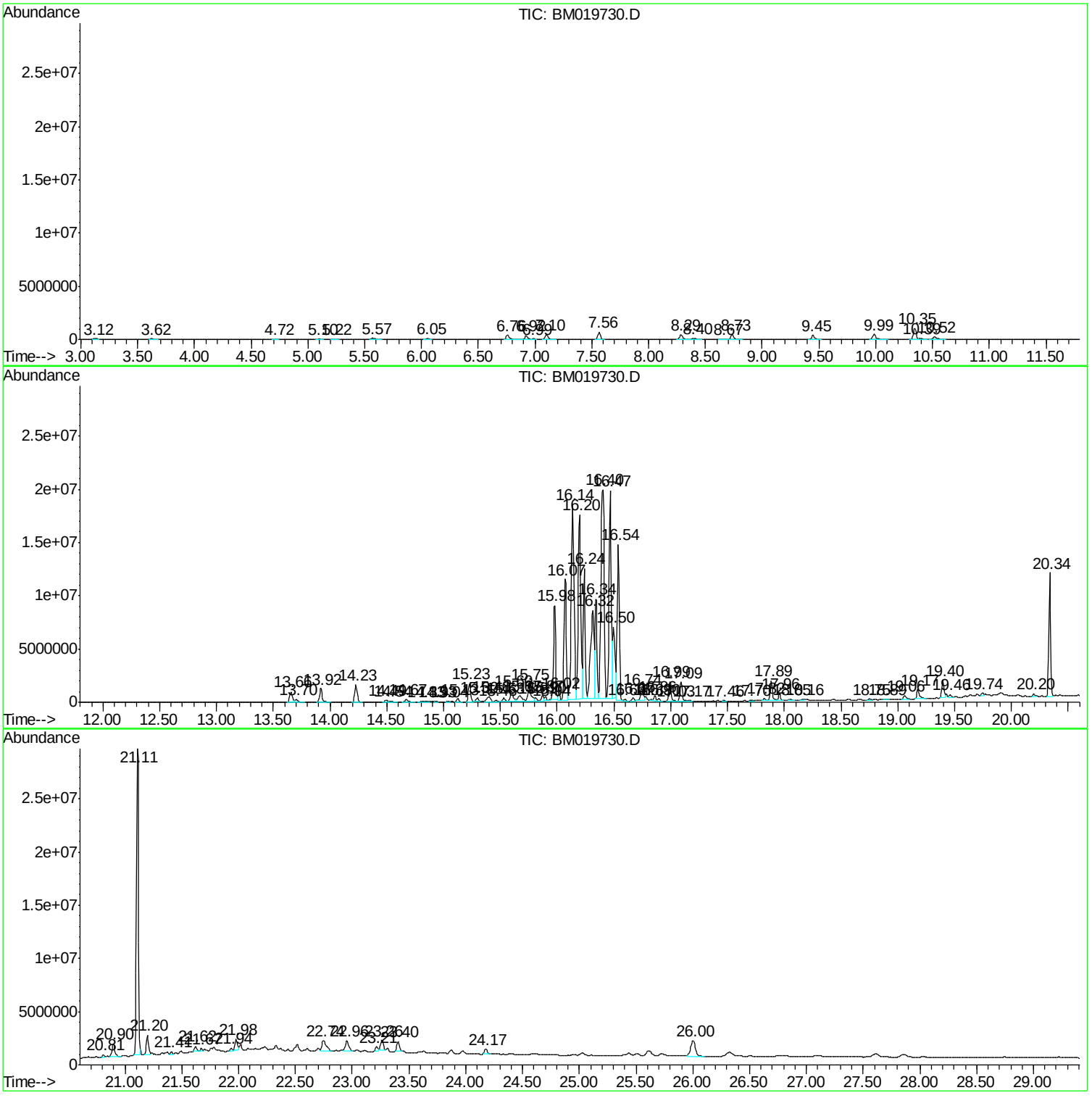
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

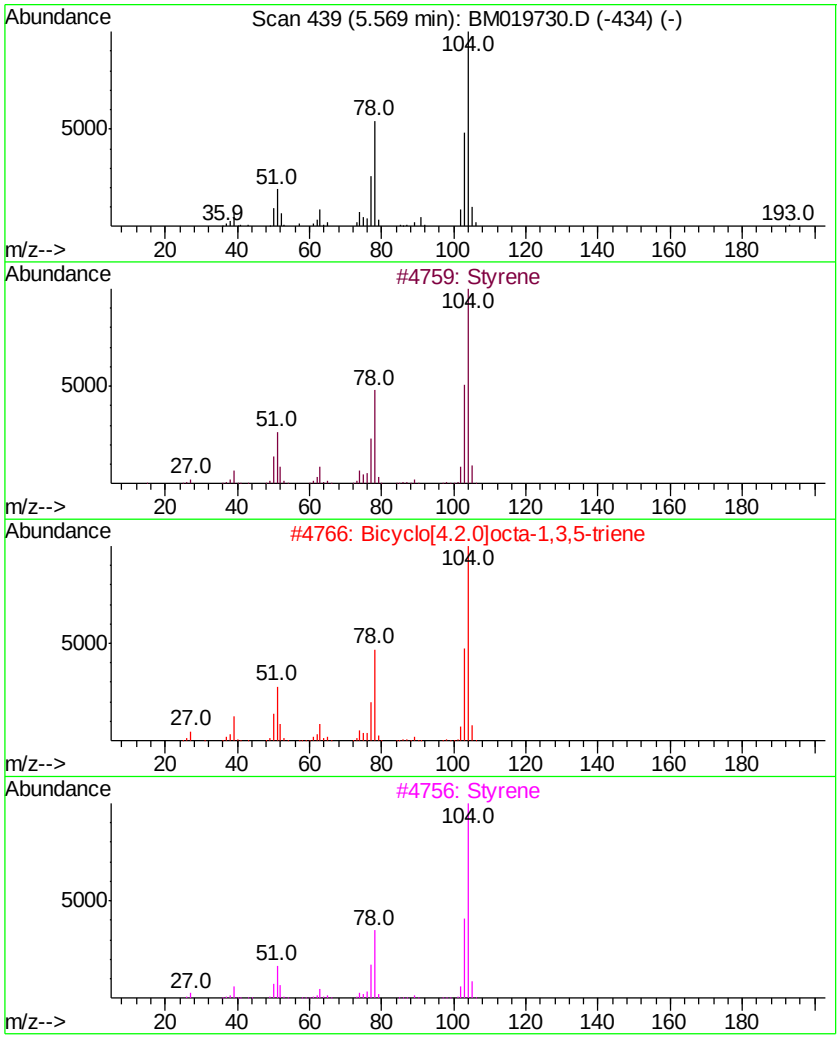
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

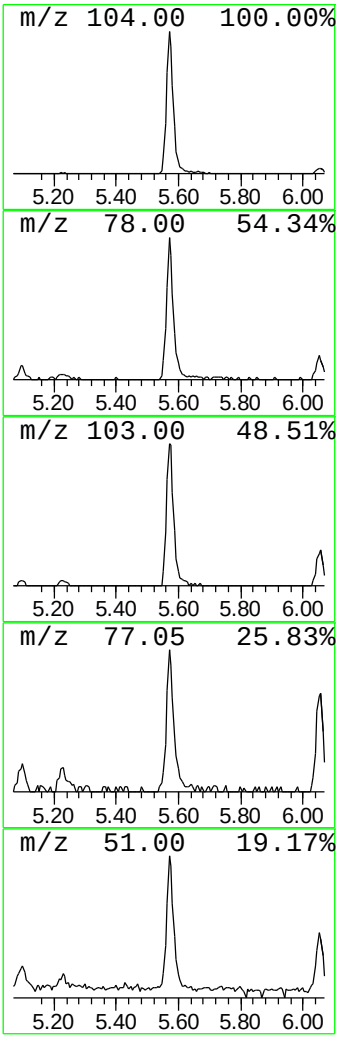
****

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	4.08 ng/ul	226240	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	94
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
3	Styrene	104	C8H8	000100-42-5	94
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

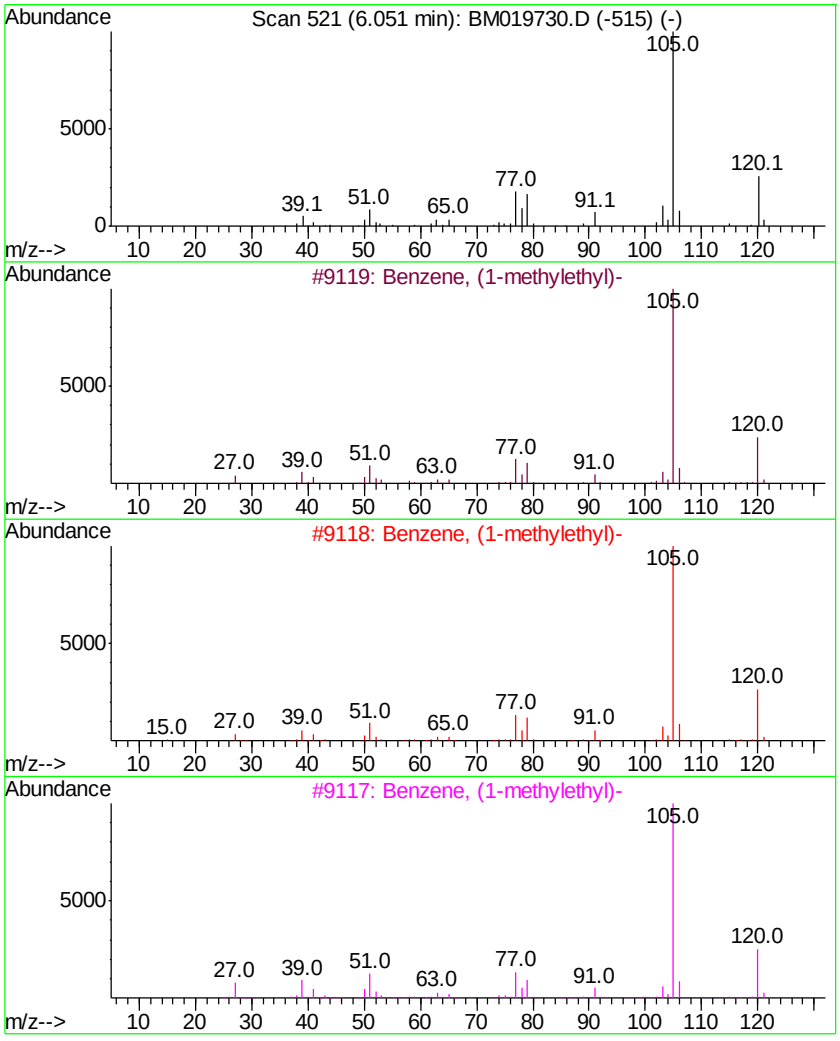
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

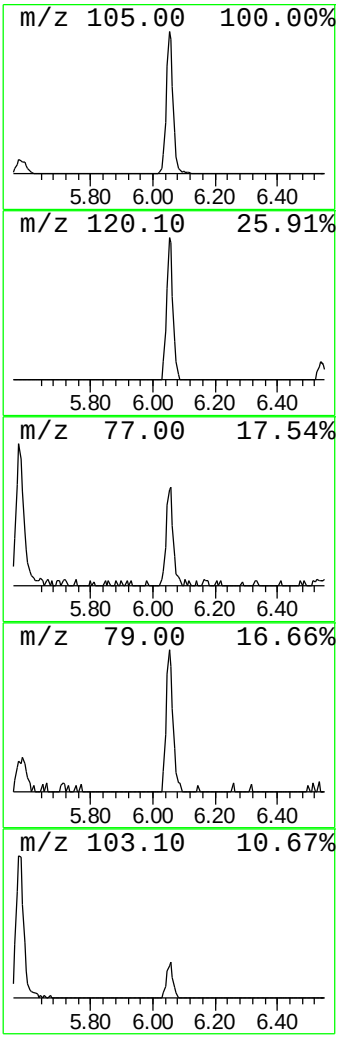
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	2.49 ng/ul	138312	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

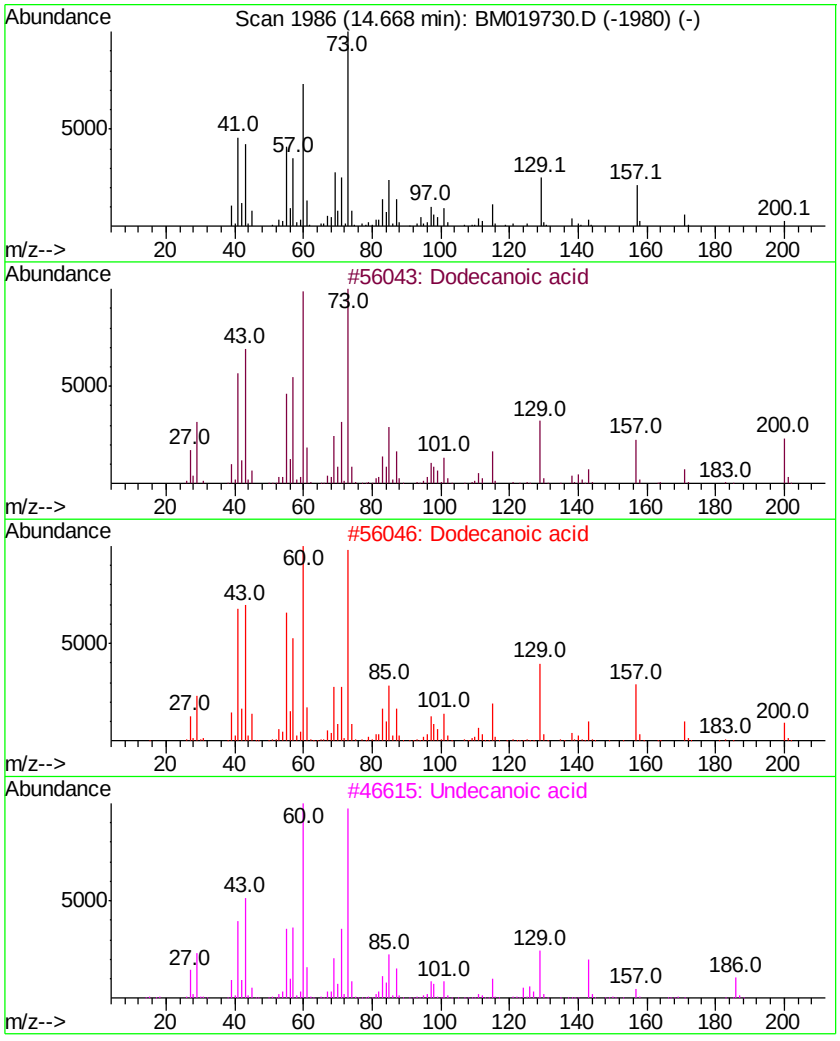
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

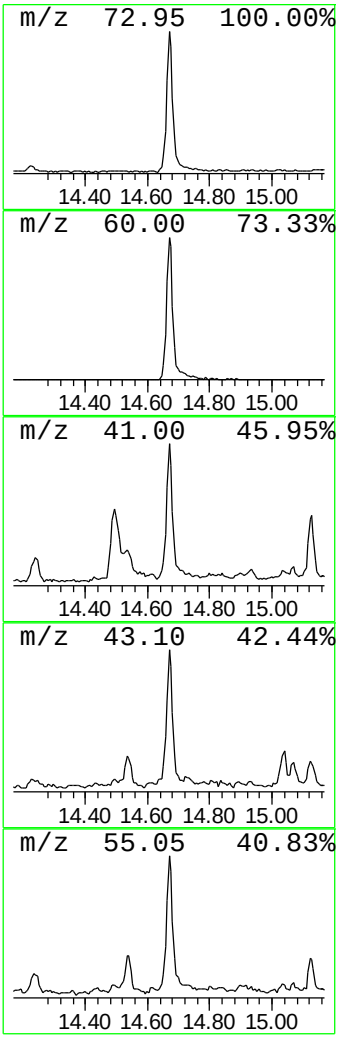
****

Peak Number 3 Dodecanoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.37 ng/ul	414362	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Dodecanoic acid	200	C12H24O2	000143-07-7	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

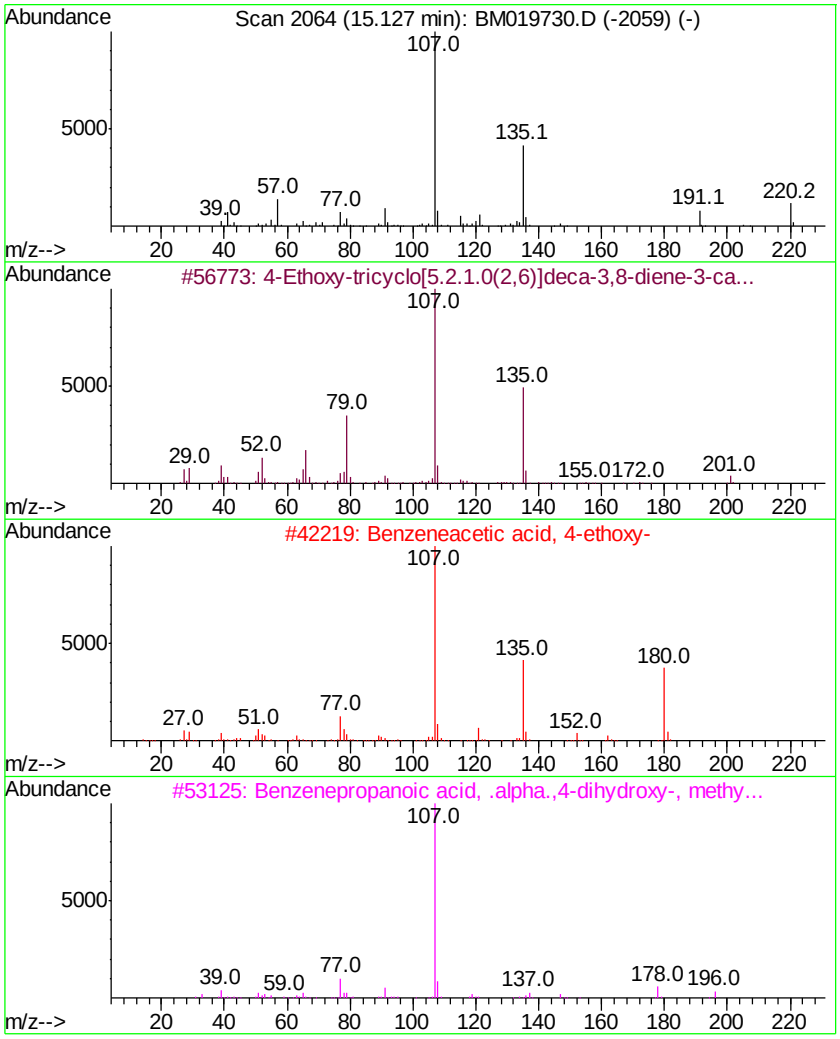
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

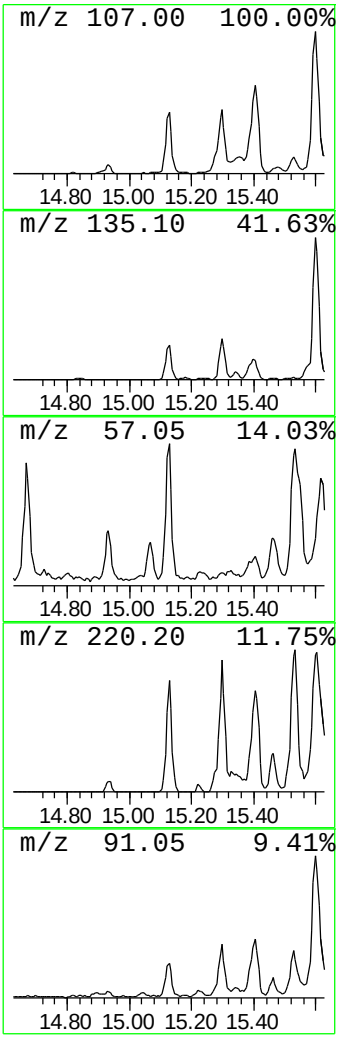
****

Peak Number 4 4-Ethoxy-tricyclo[5.2.1.0(2... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.34 ng/ul	410847	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethoxy-tricyclo[5.2.1.0(2,6)]d...	201	C13H15NO	1000193-61-5	53
2	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	45
3	Benzenepropanoic acid, .alpha.,4...	196	C10H12O4	051095-47-7	43
4	Glycyl-L-tyrosine	238	C11H14N2O4	000658-79-7	43
5	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

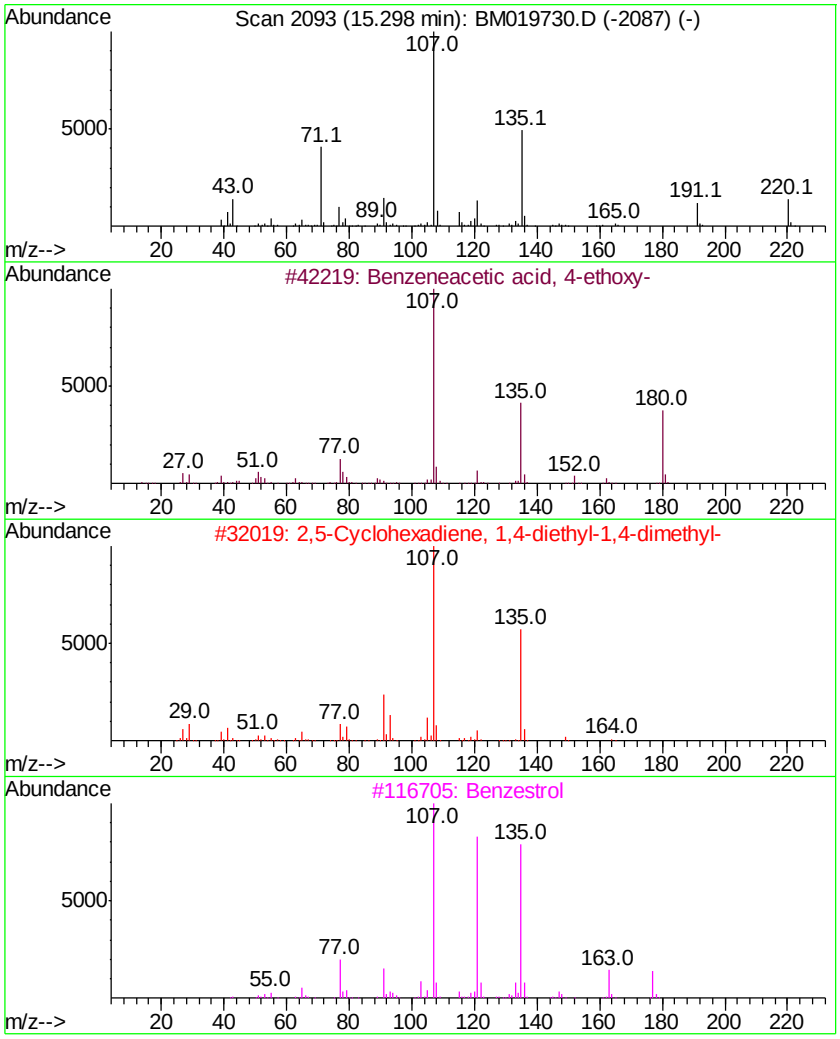
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

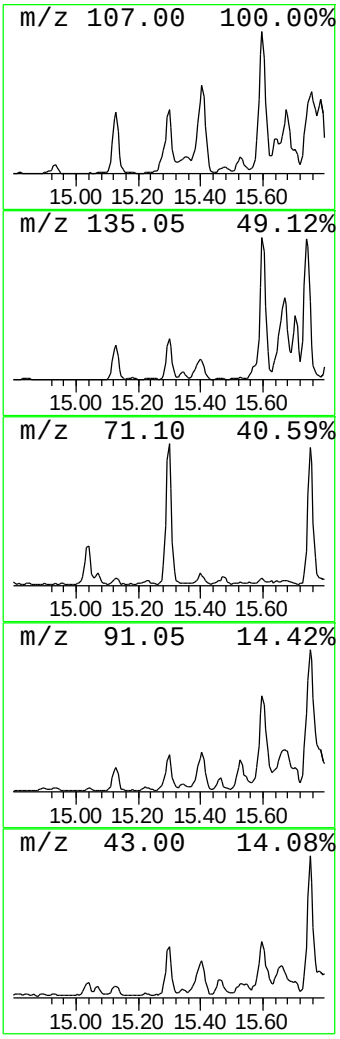
****

Peak Number 5 Benzeneacetic acid, 4-ethoxy- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	4.32 ng/ul	531440	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	50
2	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	50
3	Benzestrol	298	C20H26O2	000085-95-0	40
4	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	35
5	Benzenepropanoic acid, 4-hydroxy-	166	C9H10O3	000501-97-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

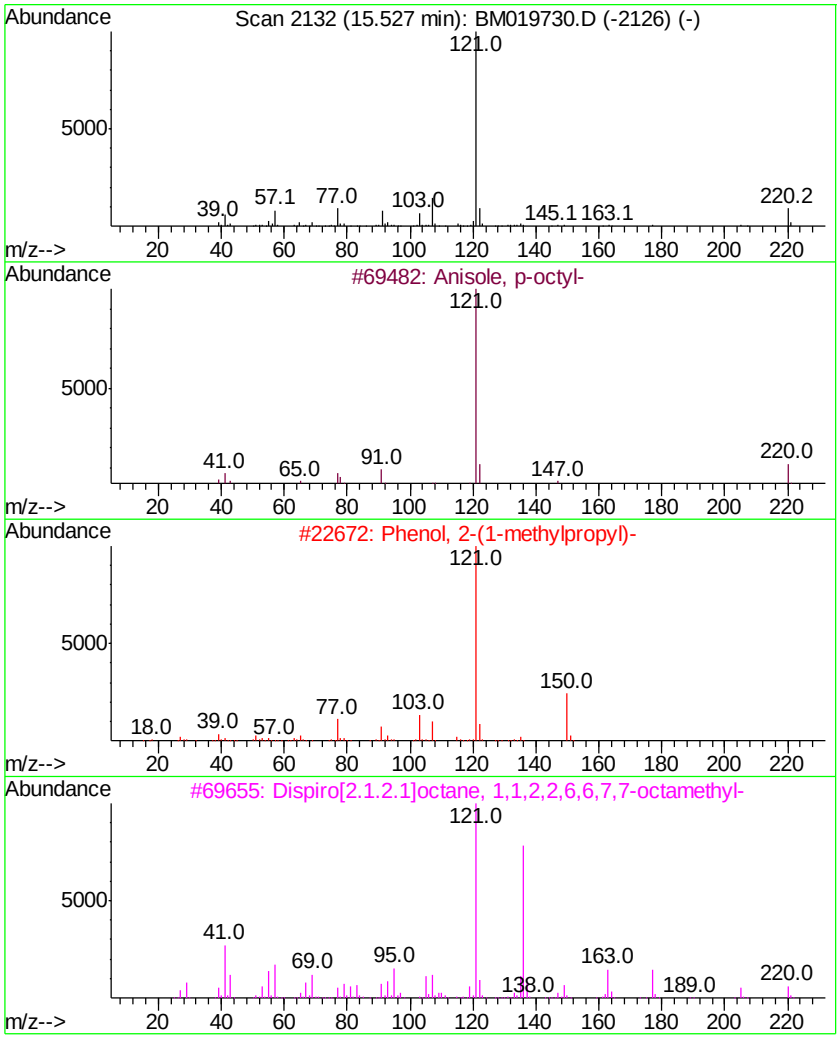
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

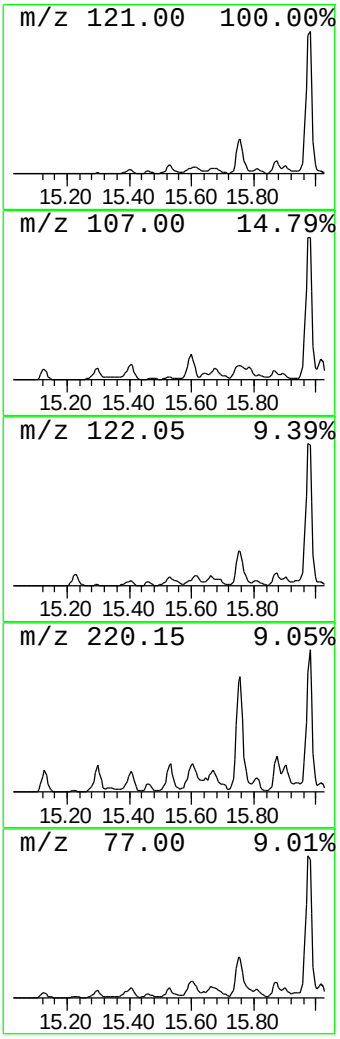
****

Peak Number 6 Anisole, p-octyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.92 ng/ul	604374	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, p-octyl-	220	C15H24O	003307-19-5	80
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	64
3	Dispiro[2.1.2.1]octane, 1,1,2,2,...	220	C16H28	1000159-45-5	64
4	Phenol, 2-(1-methylethyl)-, acetate	178	C11H14O2	001608-68-0	64
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

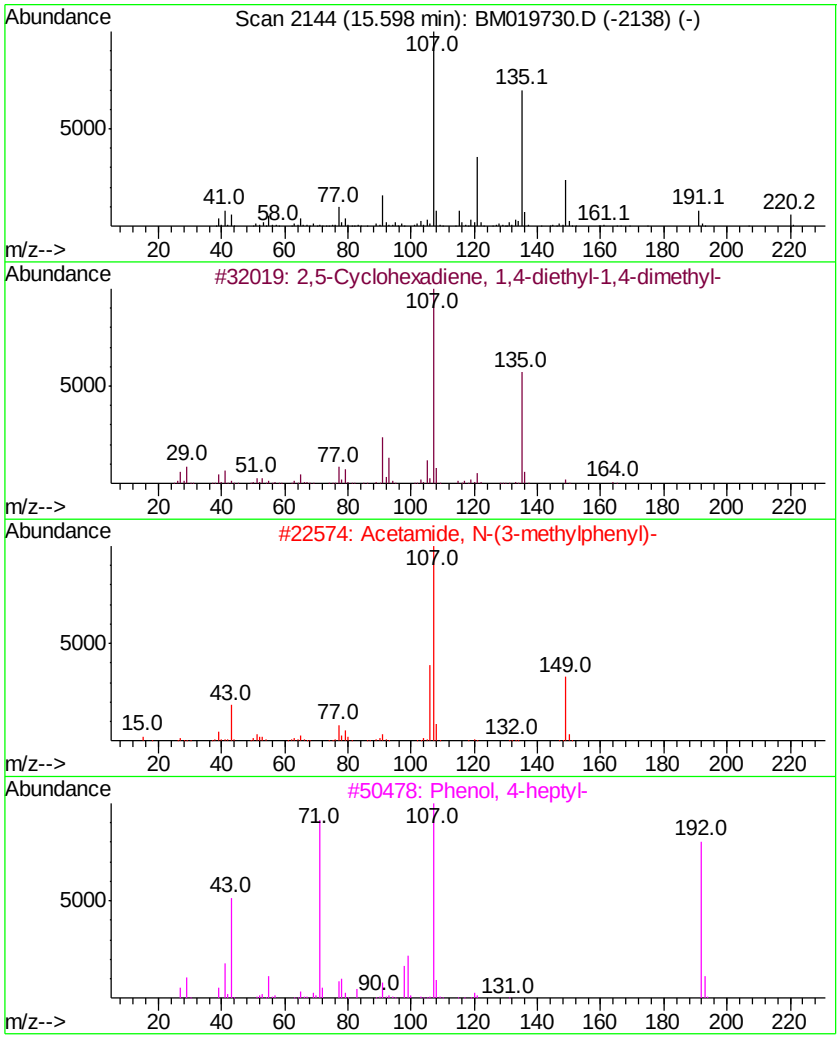
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

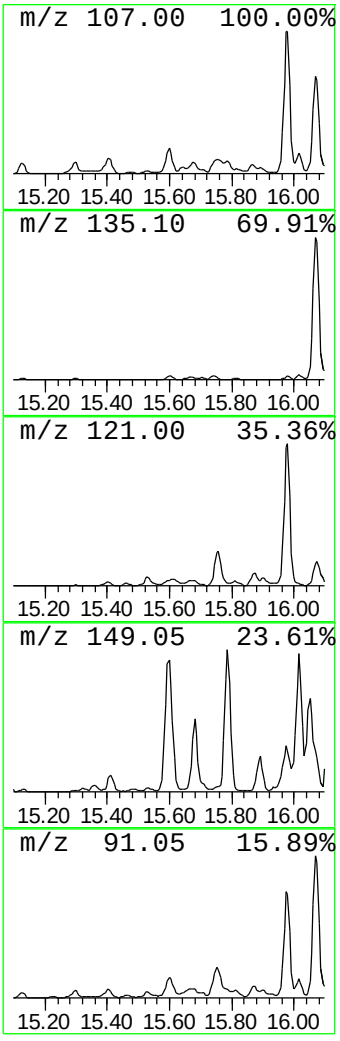
****

Peak Number 7 2,5-Cyclohexadiene, 1,4-die... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	13.50 ng/ul	1658830	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
3	Phenol, 4-heptyl-	192	C13H20O	001987-50-4	43
4	Glycyl-L-tyrosine	238	C11H14N2O4	000658-79-7	43
5	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

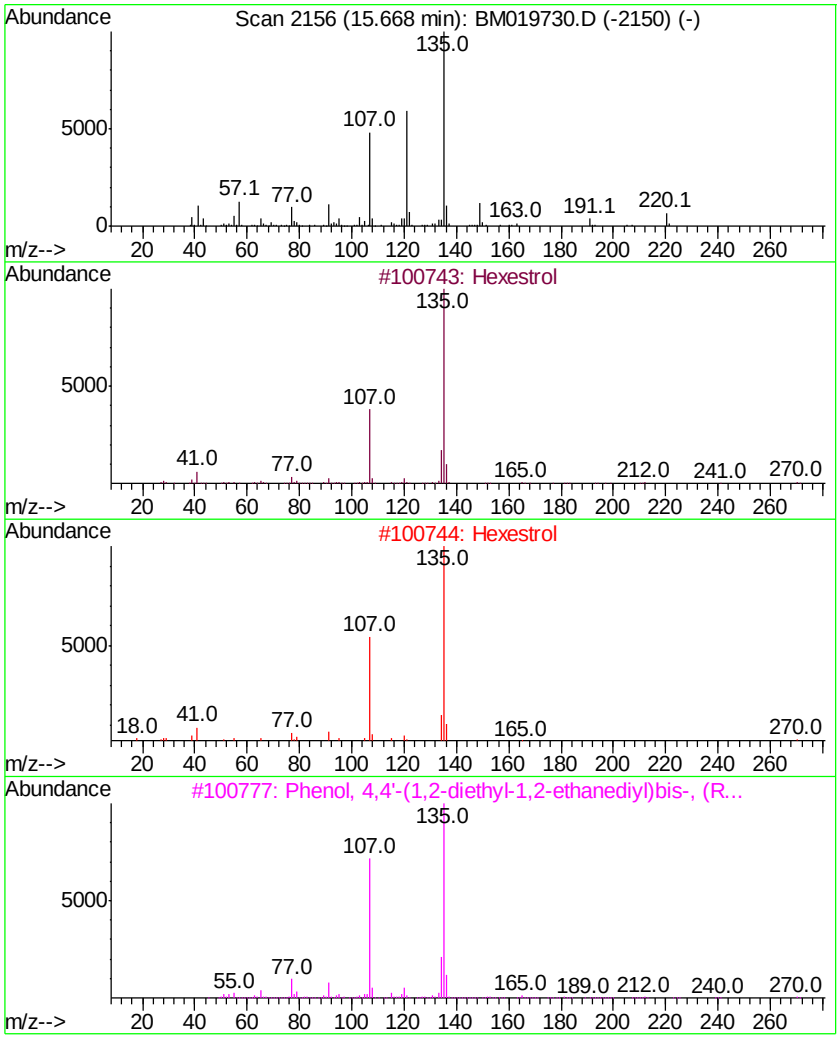
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

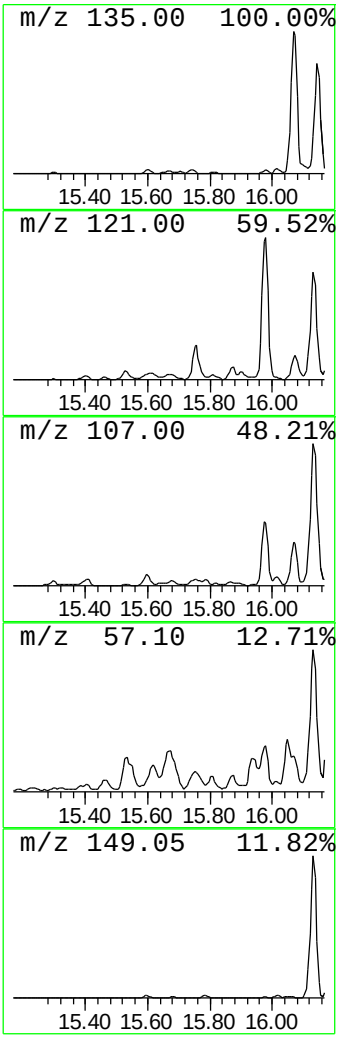
****

Peak Number 8 Hexestrol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	10.86 ng/ul	1312200	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	005635-50-7	59
2	Hexestrol	270	C18H22O2	005635-50-7	59
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	47
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

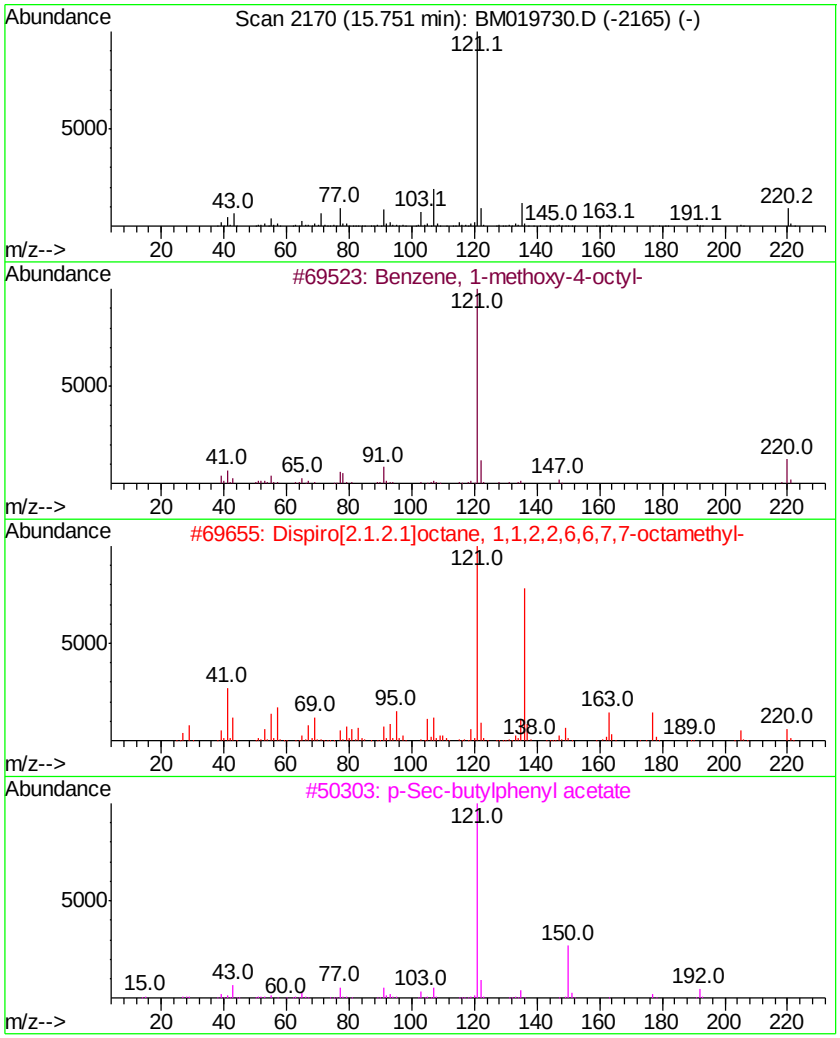
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

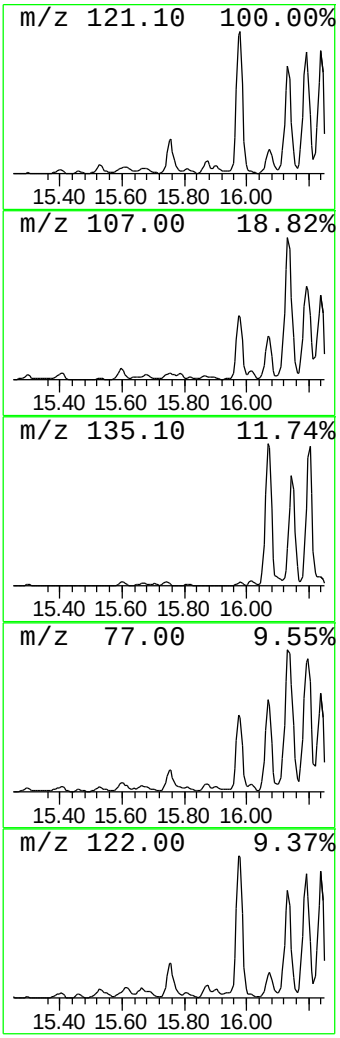
****

Peak Number 9 Benzene, 1-methoxy-4-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	25.53 ng/ul	3084570	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-octyl-	220	C15H24O	067698-82-2	80
2	Dispiro[2.1.2.1]octane, 1,1,2,2,...	220	C16H28	1000159-45-5	72
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	59
4	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	59
5	Phenol, 2-(1-methylethyl)-, acetate	178	C11H14O2	001608-68-0	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

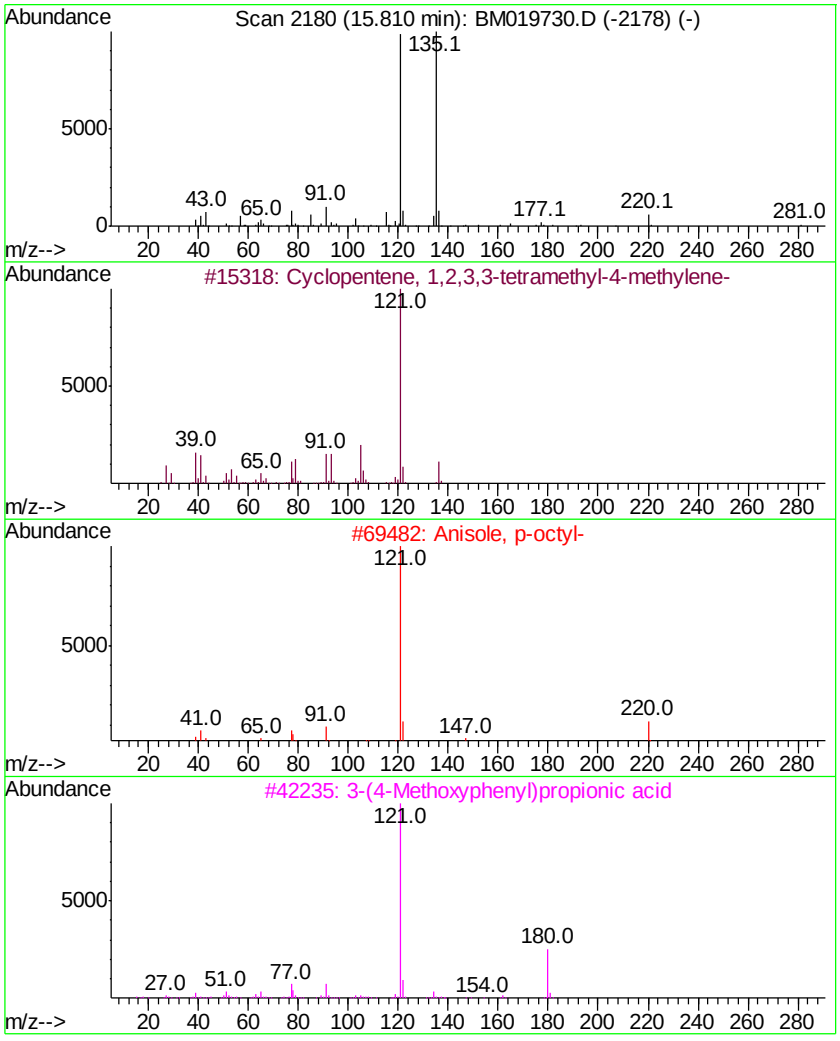
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

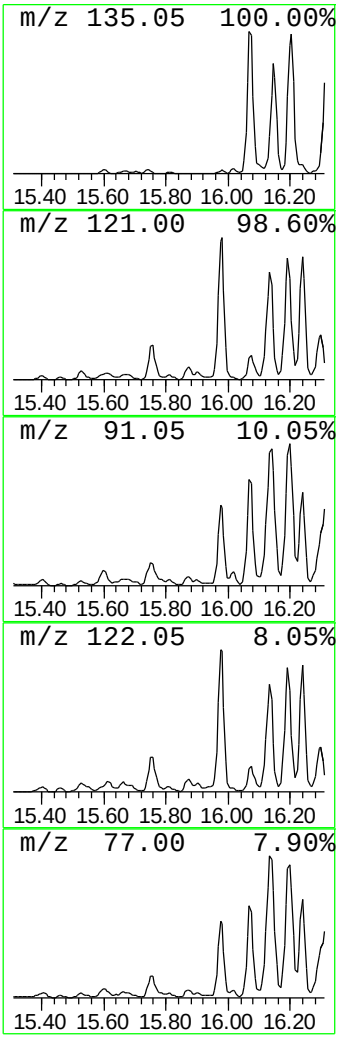
****

Peak Number 10 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.65 ng/ul	440963	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3,3-tetramethy...	136	C10H16	1000152-27-2	43
2	Anisole, p-octyl-	220	C15H24O	003307-19-5	38
3	3-(4-Methoxyphenyl)propionic acid	180	C10H12O3	001929-29-9	32
4	Phenol, 4-(1-methylethyl)-, acetate	178	C11H14O2	002664-32-6	32
5	4-(p-Methoxyphenyl)-1-butanol	180	C11H16O2	022135-50-8	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

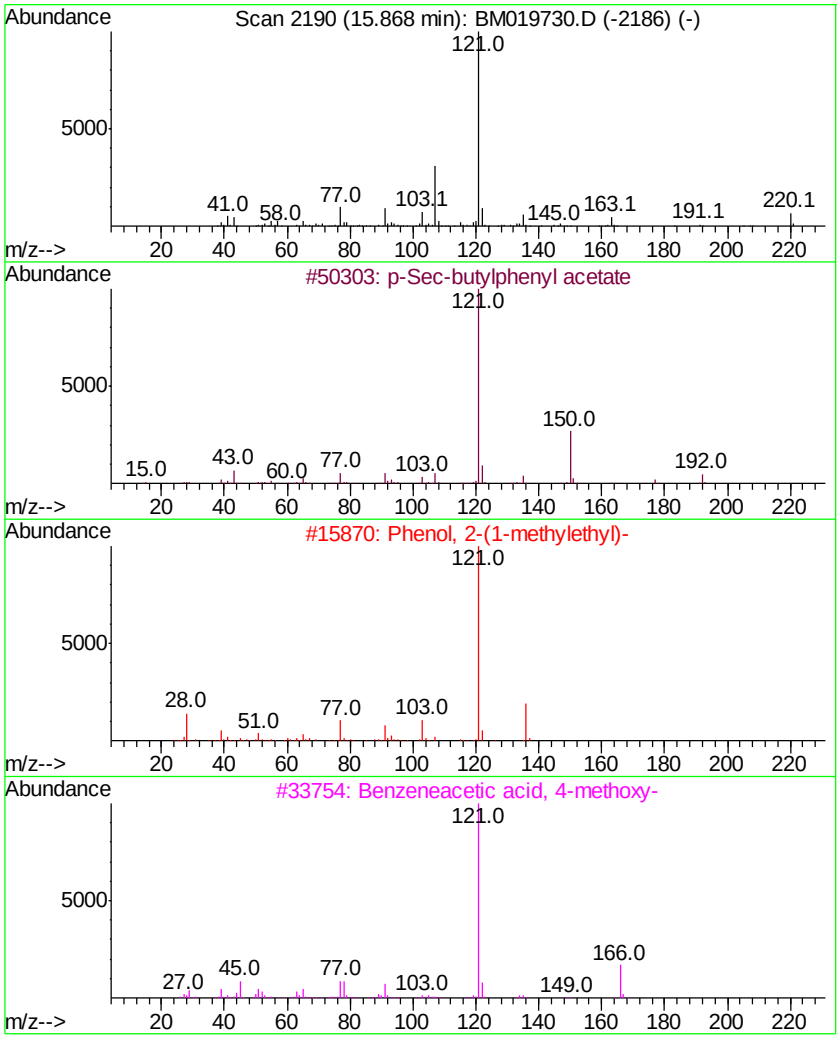
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

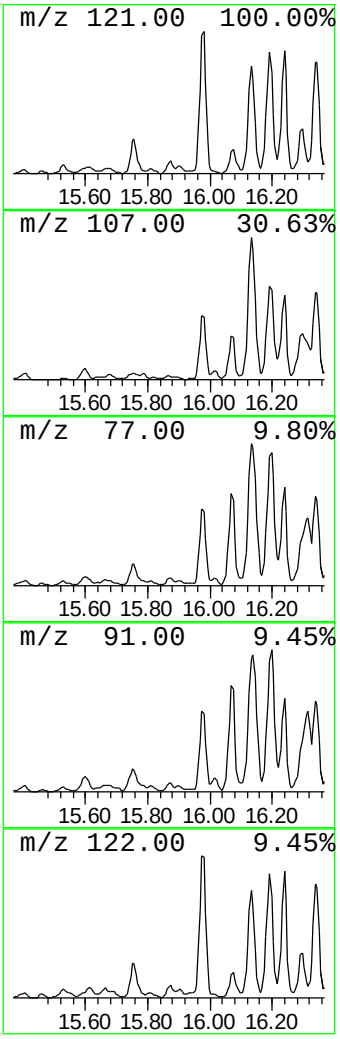
****

Peak Number 11 p-Sec-butylphenyl acetate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.98 ng/ul	842926	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	64
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	53
3	Benzeneacetic acid, 4-methoxy-	166	C9H10O3	000104-01-8	53
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	50
5	Phenol, 2-(1-methylpropyl)-, met...	207	C12H17NO2	003766-81-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

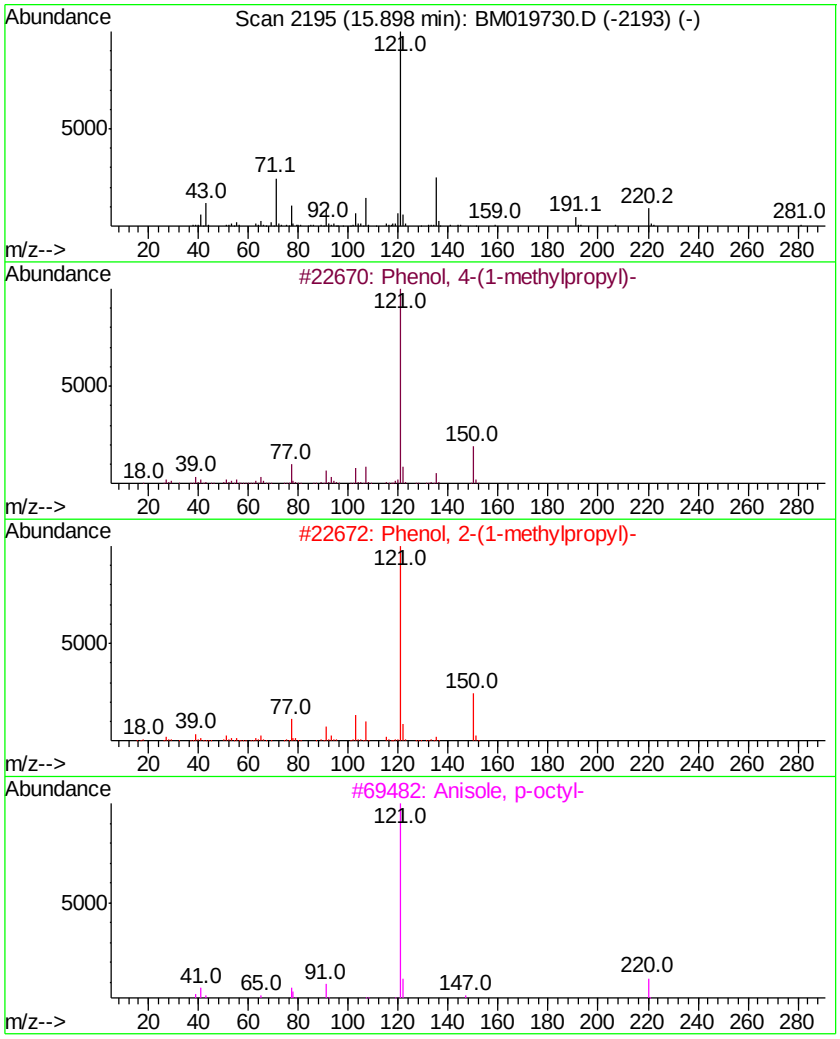
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

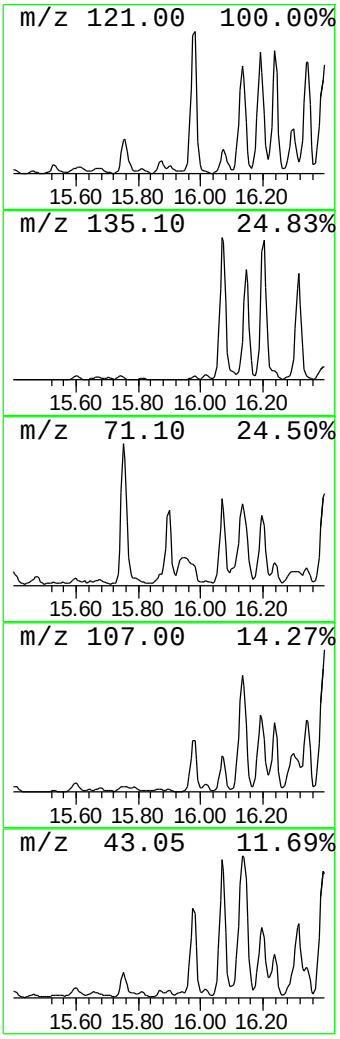
****

Peak Number 12 Phenol, 4-(1-methylpropyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.63 ng/ul	318304	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	50
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	38
3	Anisole, p-octyl-	220	C15H24O	003307-19-5	38
4	Phenol, 2-(1-methylpropyl)-, met...	207	C12H17NO2	003766-81-2	38
5	Benzene, 1-methoxy-4-octyl-	220	C15H24O	067698-82-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

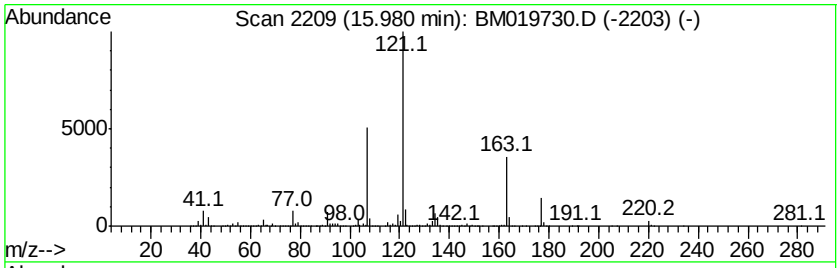
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

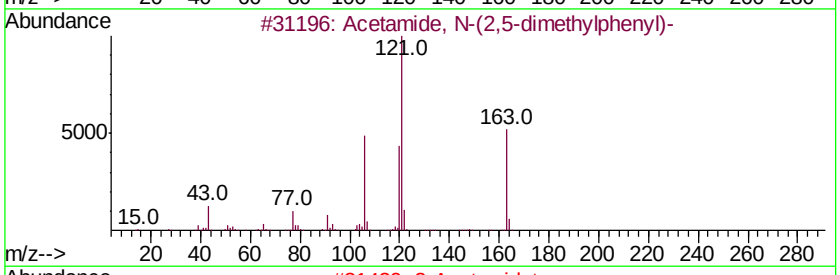
****

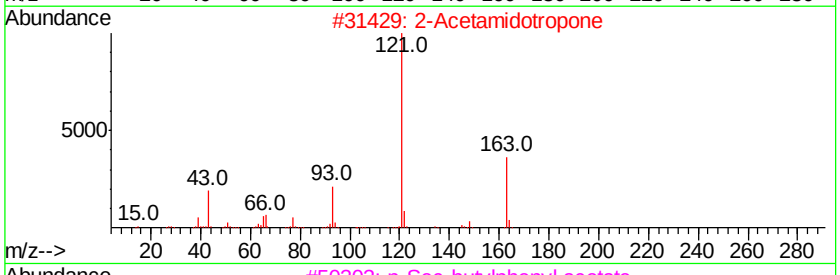
Peak Number 13 unknown-02 Concentration Rank 9

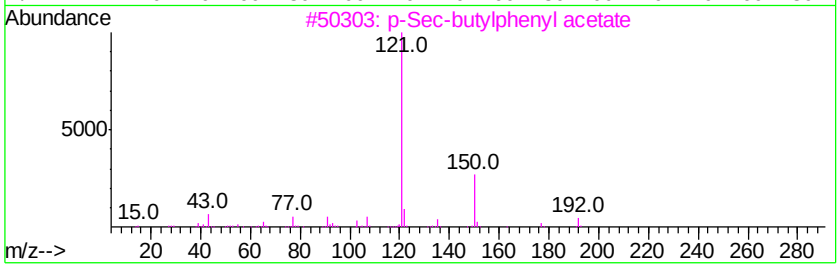
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	99.44 ng/ul	12016800	Phenanthrene-d10	16.99

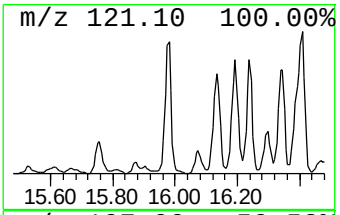
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
4	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43
5	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	40

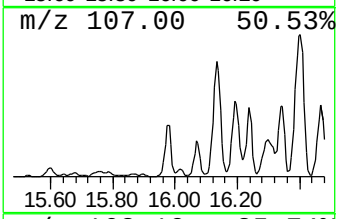


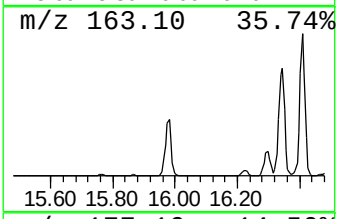


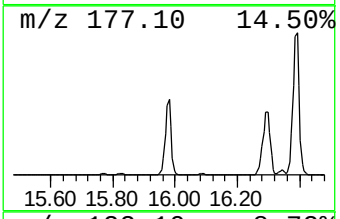


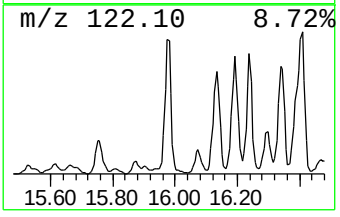












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

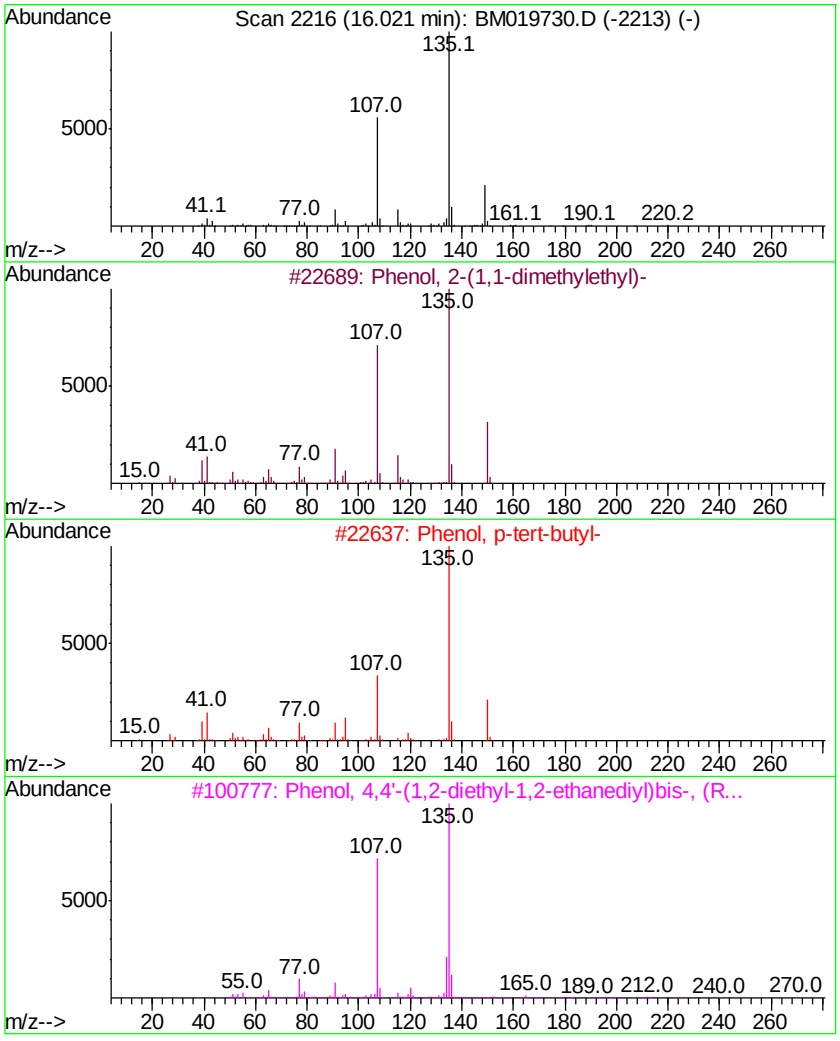
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

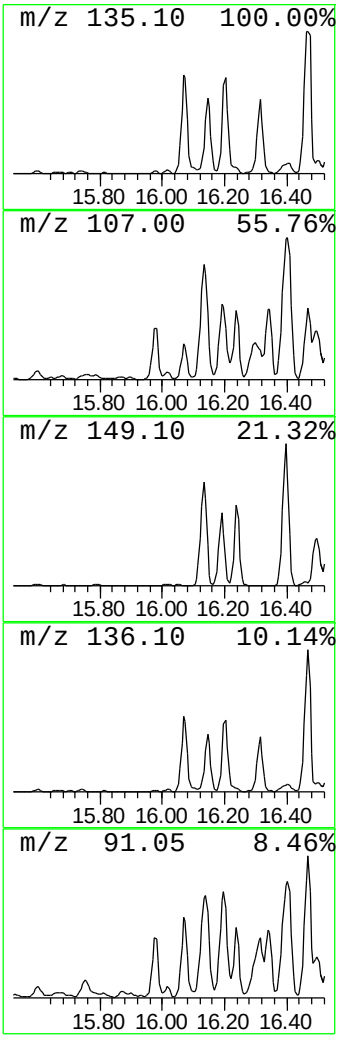
****

Peak Number 14 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	6.19 ng/ul	747823	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	80
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	64
4	Hexestrol	270	C18H22O2	005635-50-7	64
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

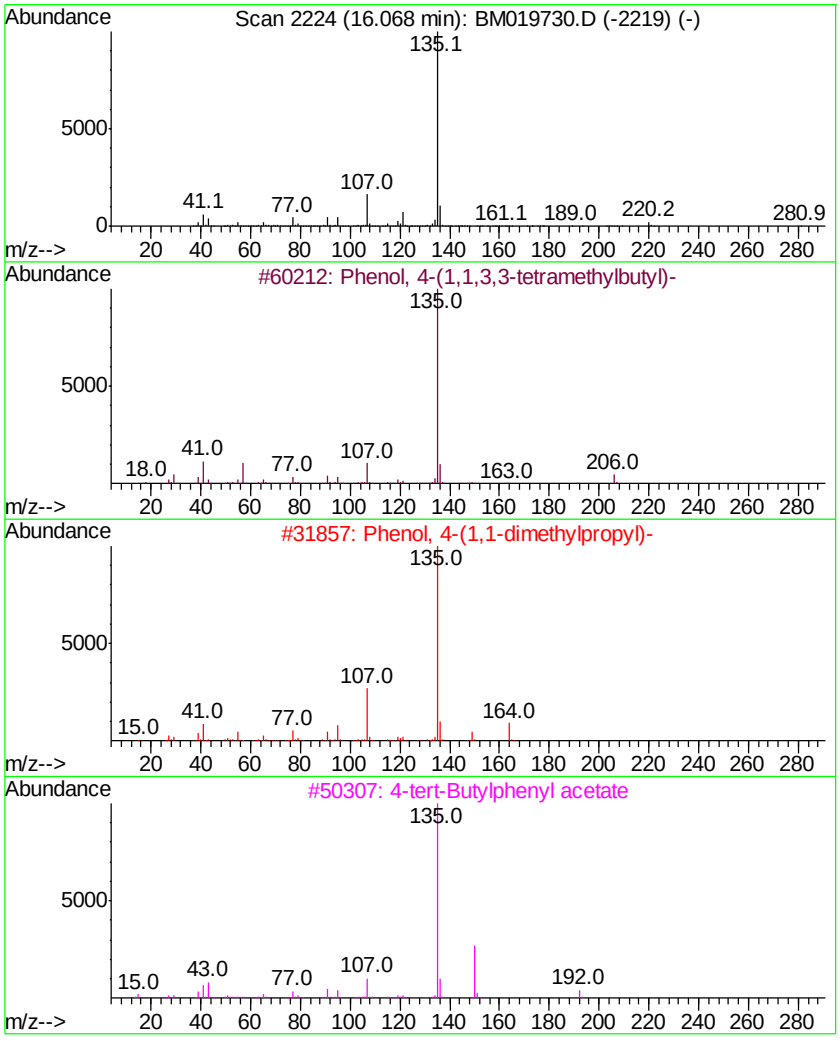
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

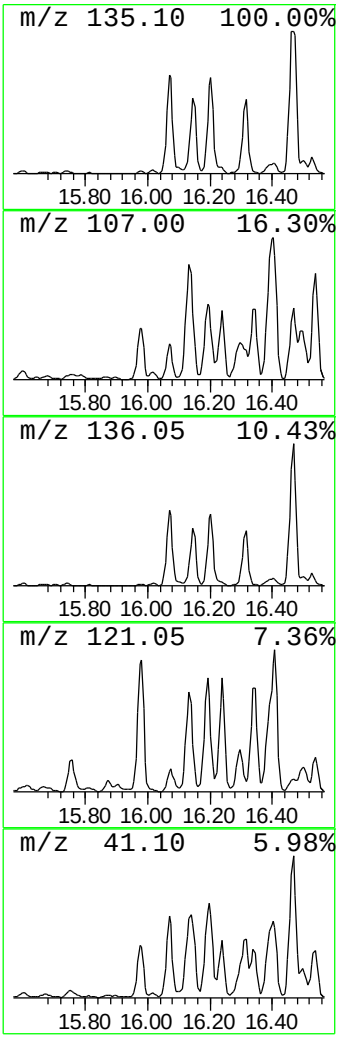
****

Peak Number 15 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	129.53 ng/ul	15652100	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

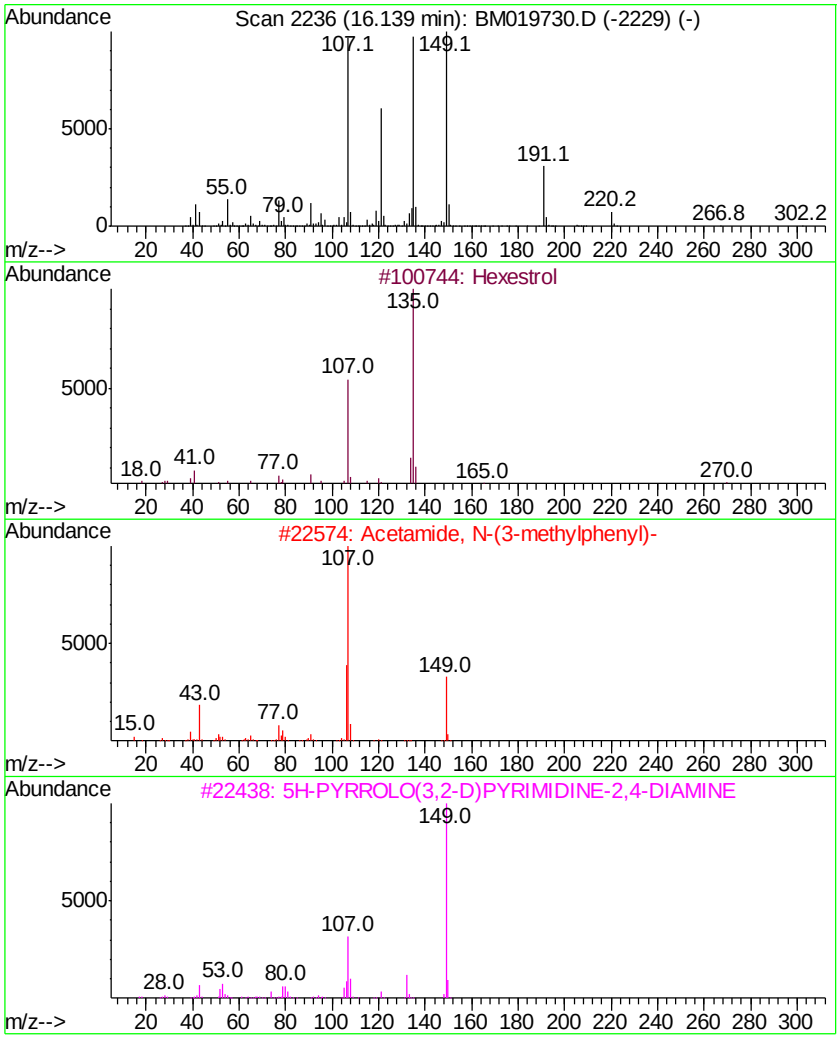
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

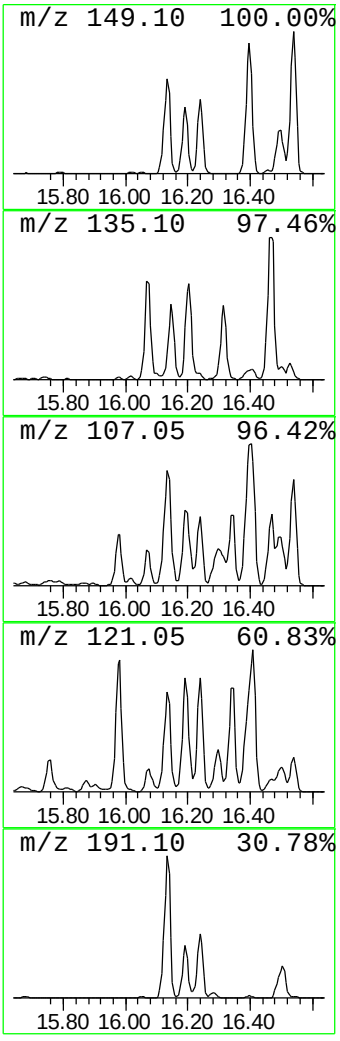
****

Peak Number 16 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	268.95 ng/ul	32499800	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	005635-50-7	43
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	30
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	27
5	Thymol	150	C10H14O	000089-83-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

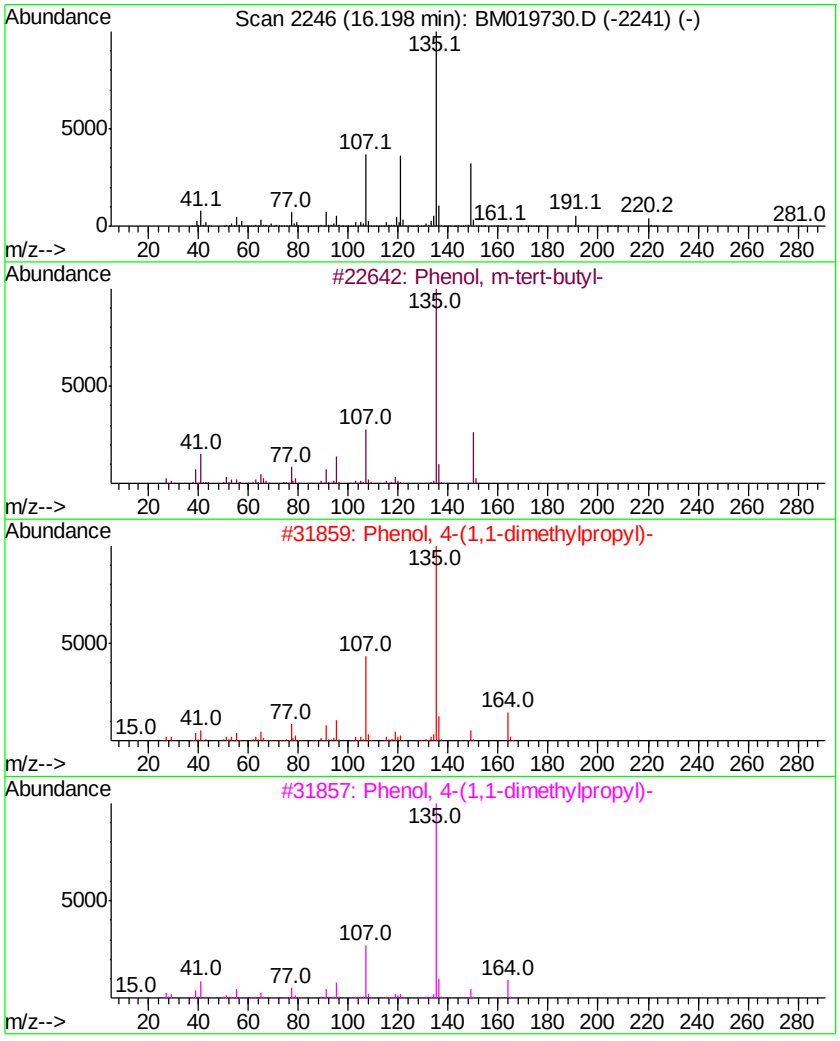
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

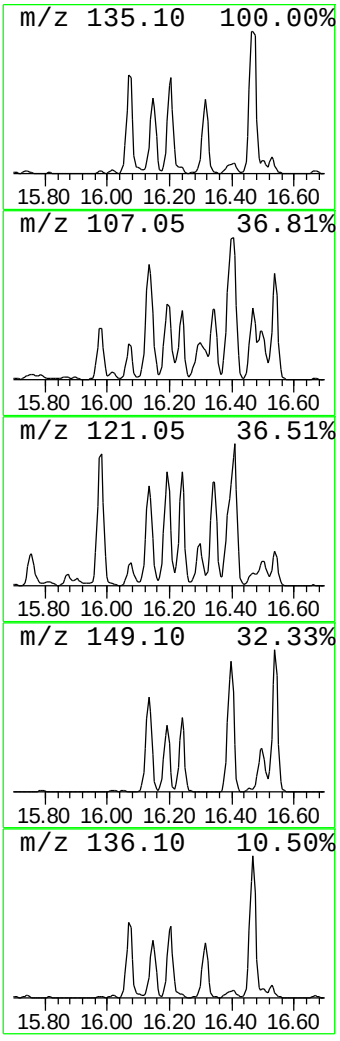
****

Peak Number 17 Phenol, m-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	237.87 ng/ul	28744900	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

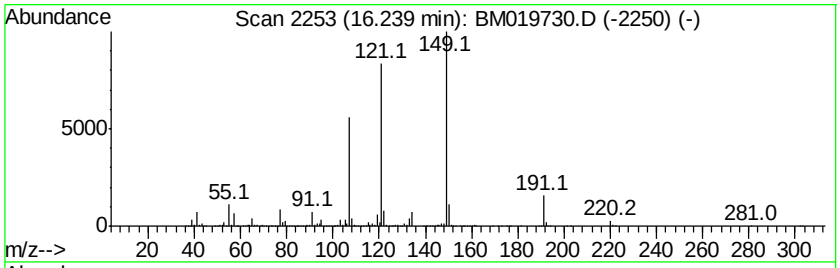
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

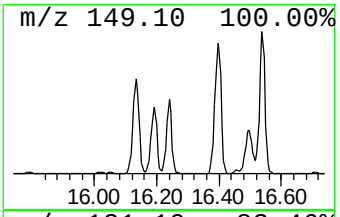
****

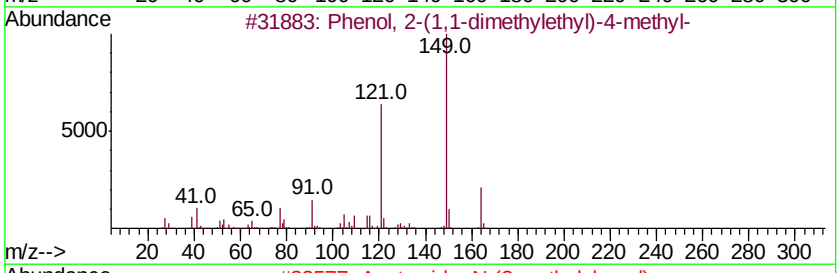
Peak Number 18 unknown-04 Concentration Rank 8

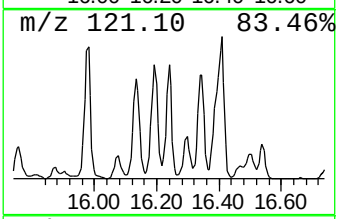
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	120.04 ng/ul	14505500	Phenanthrene-d10	16.99

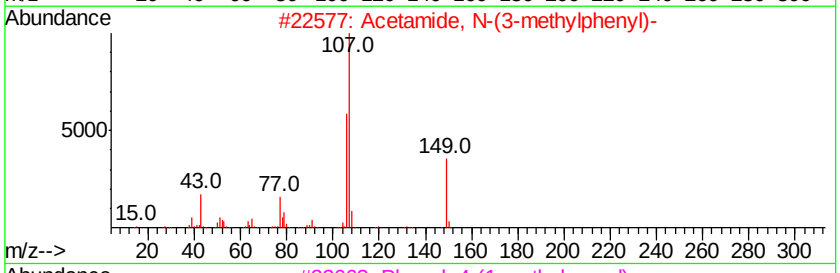
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	45
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	30
4	Paroxypropione	150	C9H10O2	000070-70-2	30
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	30

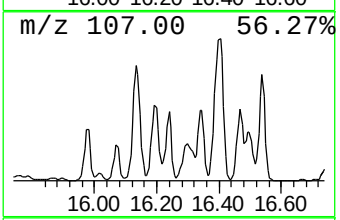


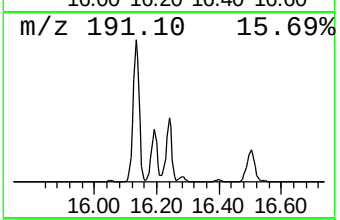


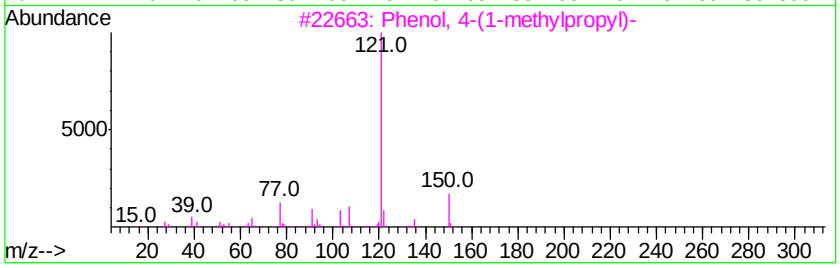


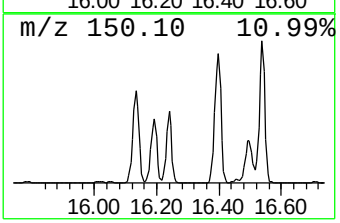












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

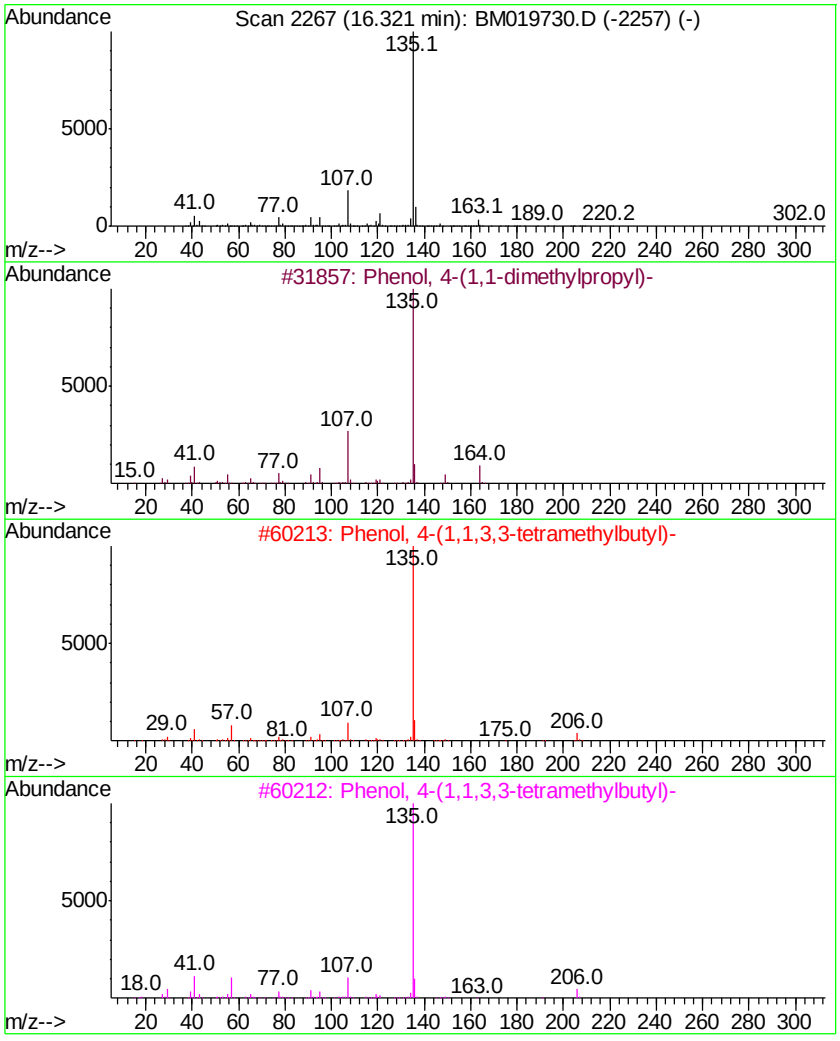
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

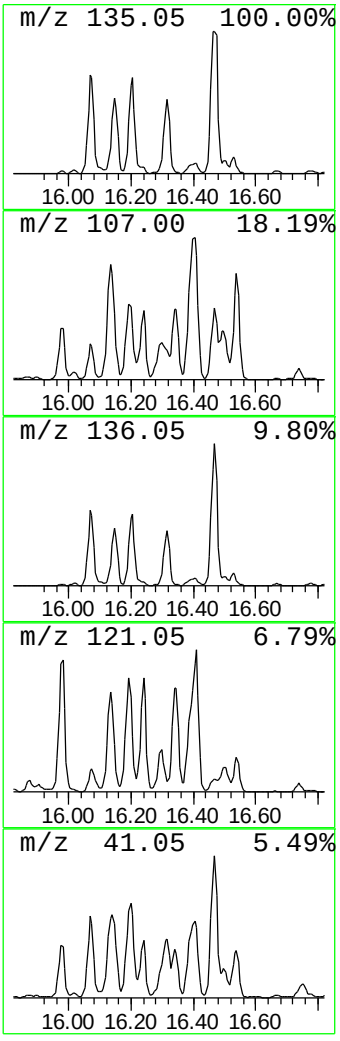
****

Peak Number 19 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	141.87 ng/ul	17143900	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

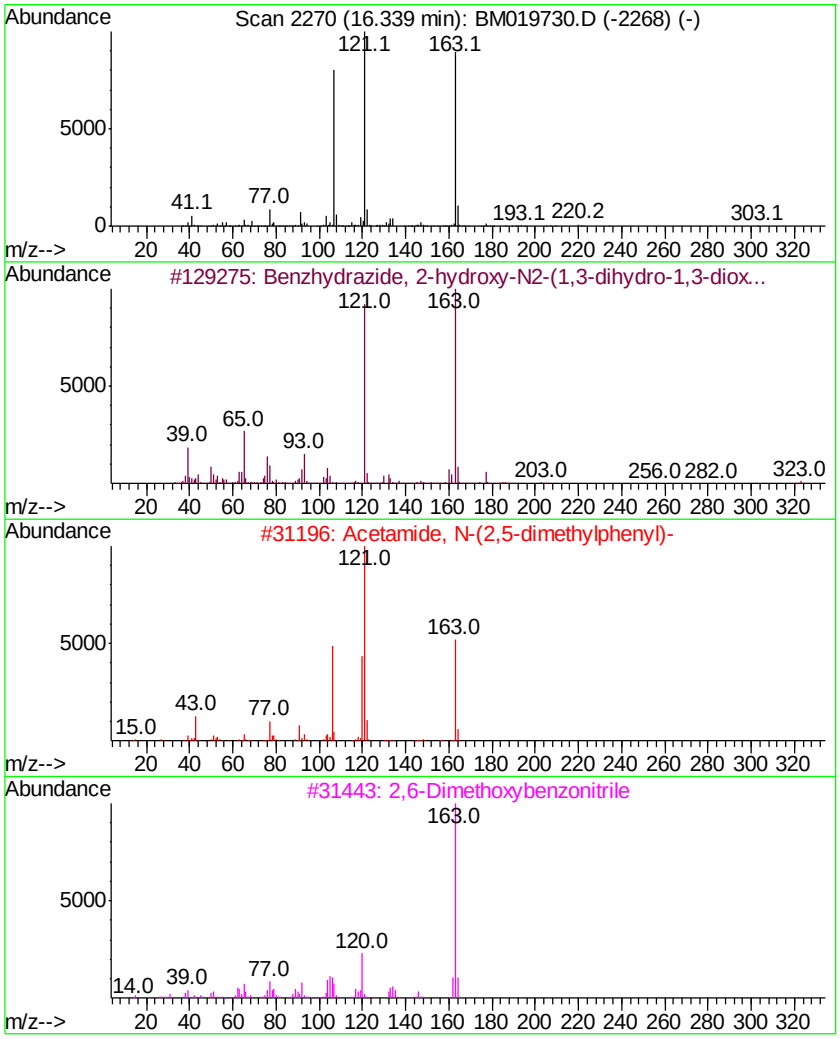
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

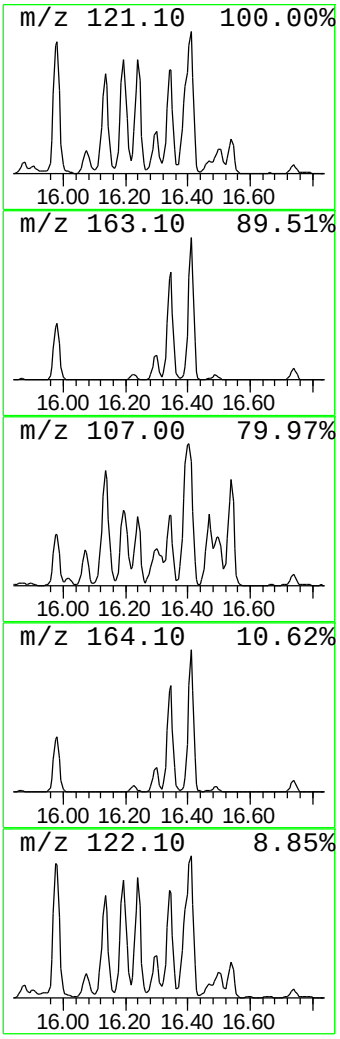
****

Peak Number 20 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	96.04 ng/ul	11605600	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 2-hydroxy-N2-(1,3...	323	C17H13N3O4	1000265-07-6	40
2	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	38
3	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	27
4	4-Ethylphenyl acetate	164	C10H12O2	003245-23-6	25
5	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

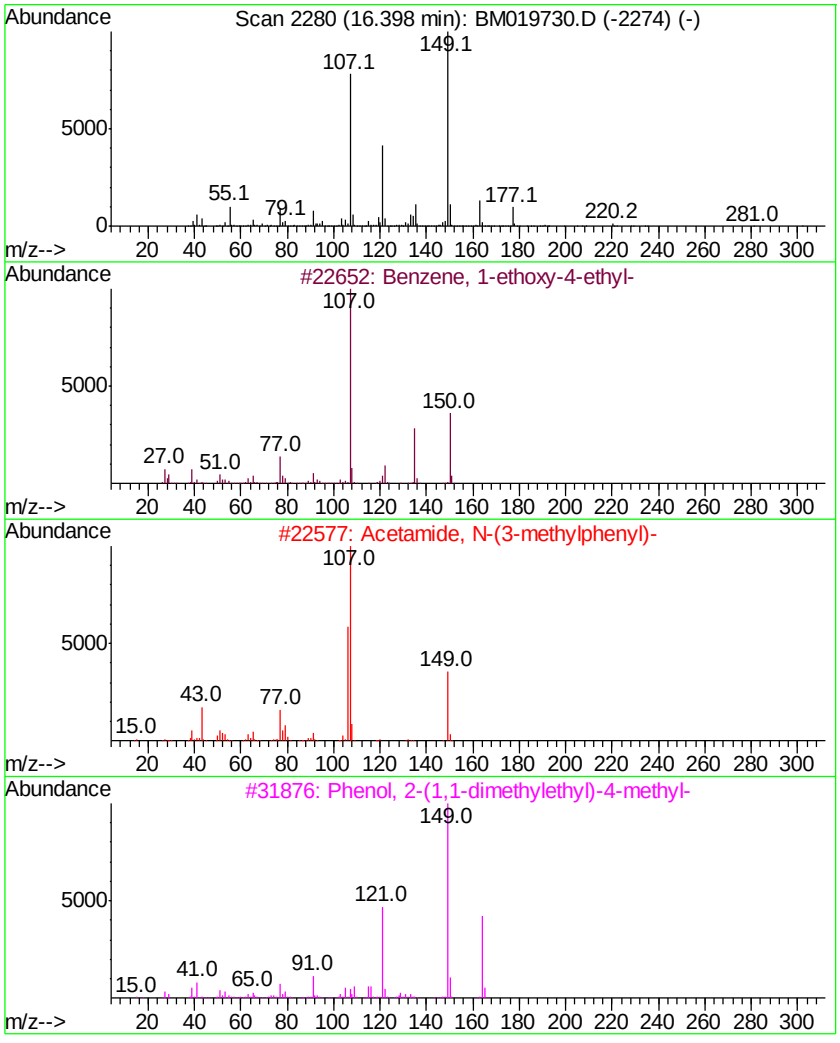
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

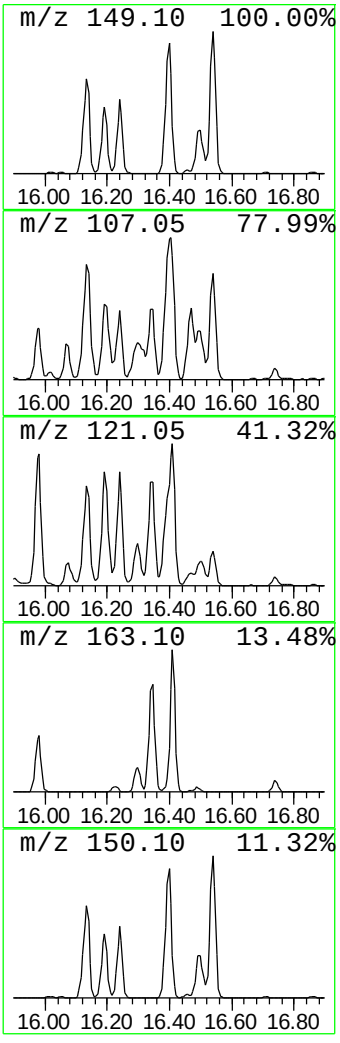
****

Peak Number 21 unknown-07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	317.97 ng/ul	38423700	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	38
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	38
4	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
5	p-Isopropylphenetole	164	C11H16O	004132-79-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

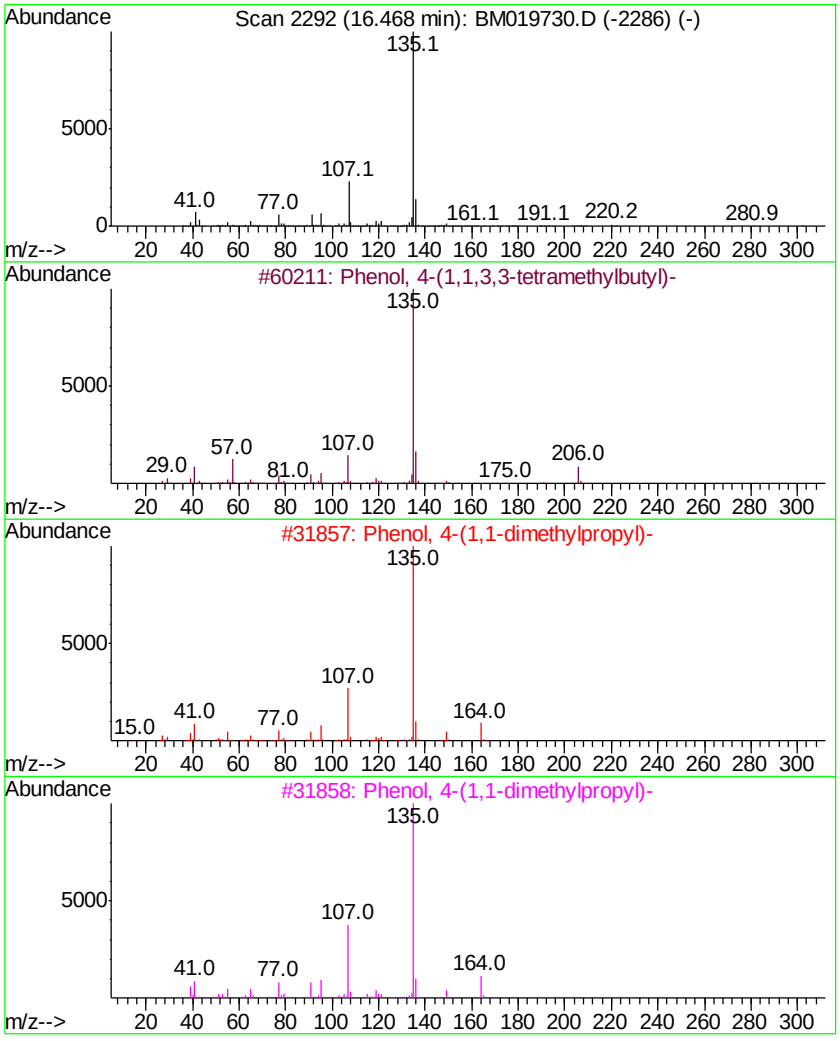
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

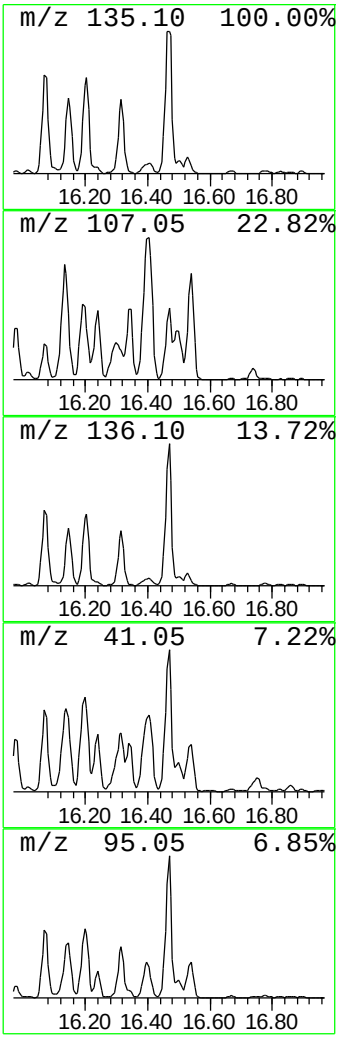
****

Peak Number 22 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	231.93 ng/ul	28026900	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

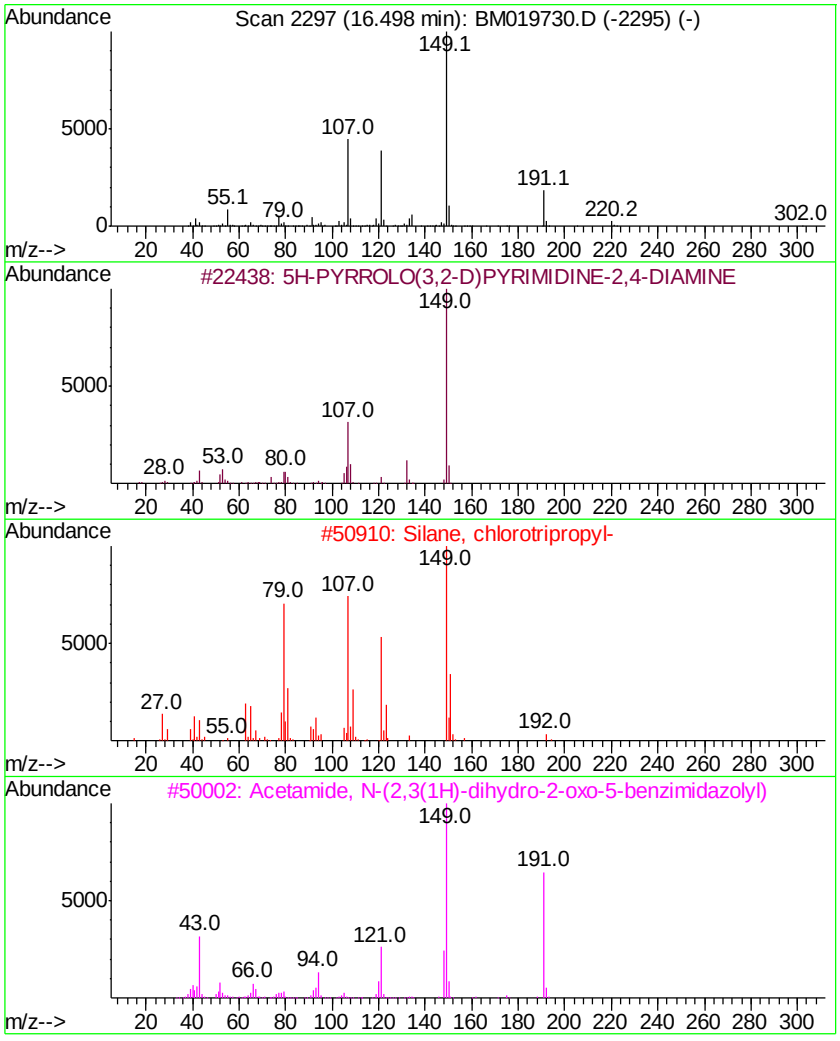
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

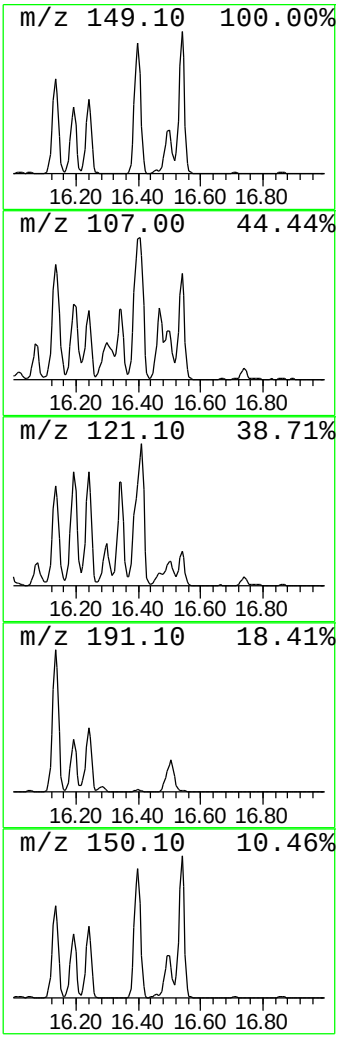
****

Peak Number 23 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	72.51 ng/ul	8762200	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	72
2	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	64
3	Acetamide, N-(2,3(1H)-dihydro-2-...	191	C9H9N3O2	091085-68-6	53
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	47
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

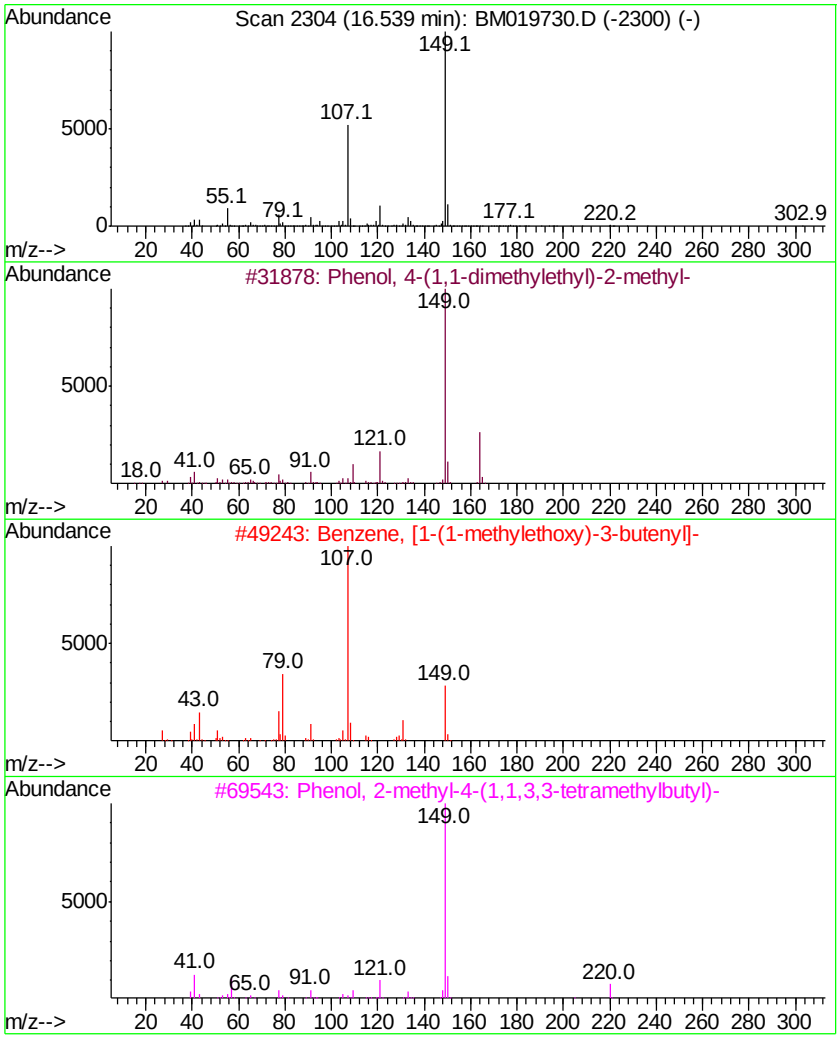
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

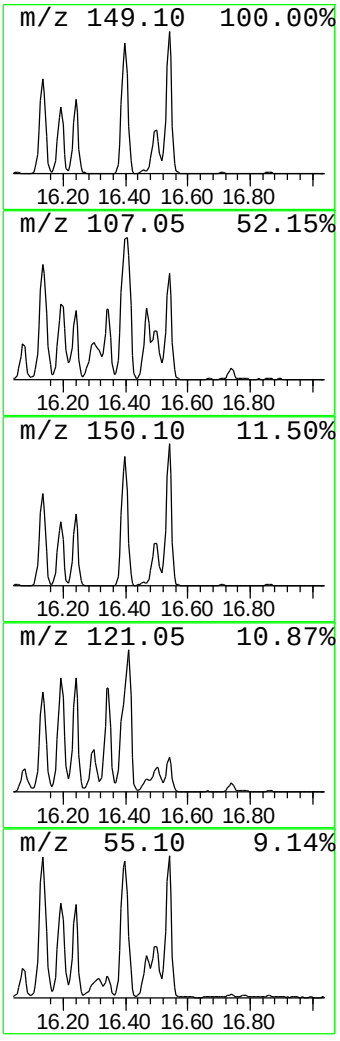
****

Peak Number 24 unknown-09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	164.04 ng/ul	19822800	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
2	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	40
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40
4	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	40
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

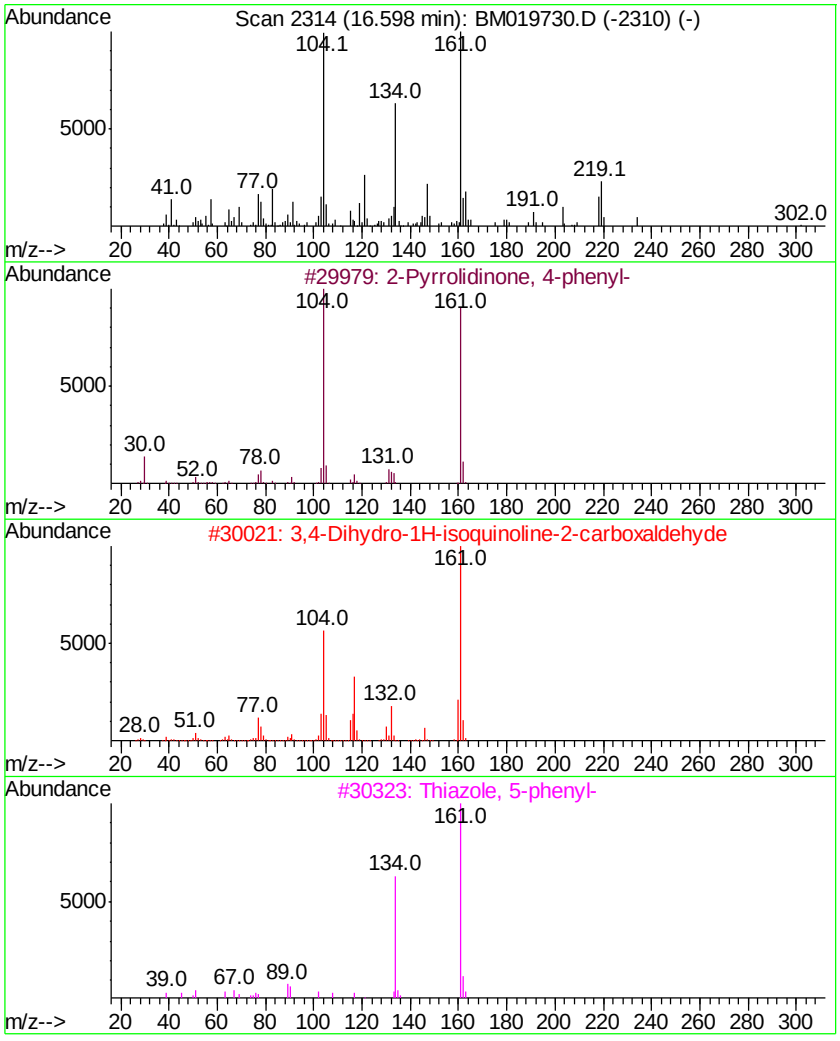
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

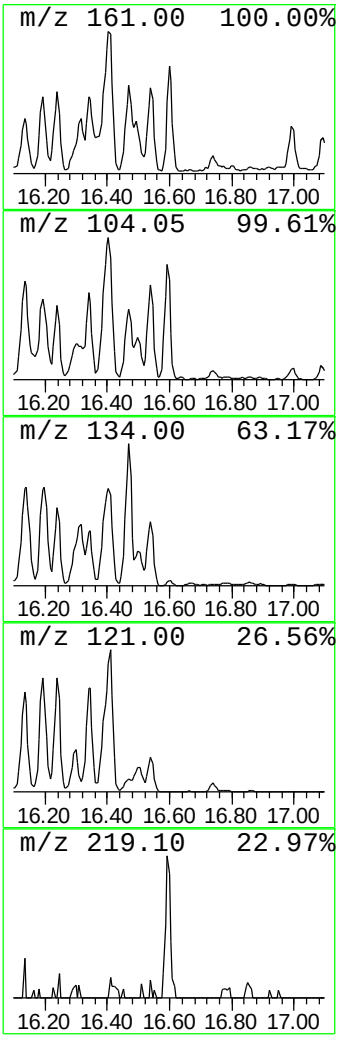
****

Peak Number 25 unknown-10 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.43 ng/ul	293999	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 4-phenyl-	161	C10H11NO	001198-97-6	46
2	3,4-Dihydro-1H-isoquinoline-2-ca...	161	C10H11NO	001699-52-1	30
3	Thiazole, 5-phenyl-	161	C9H7NS	001826-13-7	30
4	Benzeneethanol, .alpha.,.alpha.-...	162	C11H14O	025982-72-3	30
5	Pyrido[2,3-d]pyrimidine, 4-methoxy-	161	C8H7N3O	028732-78-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

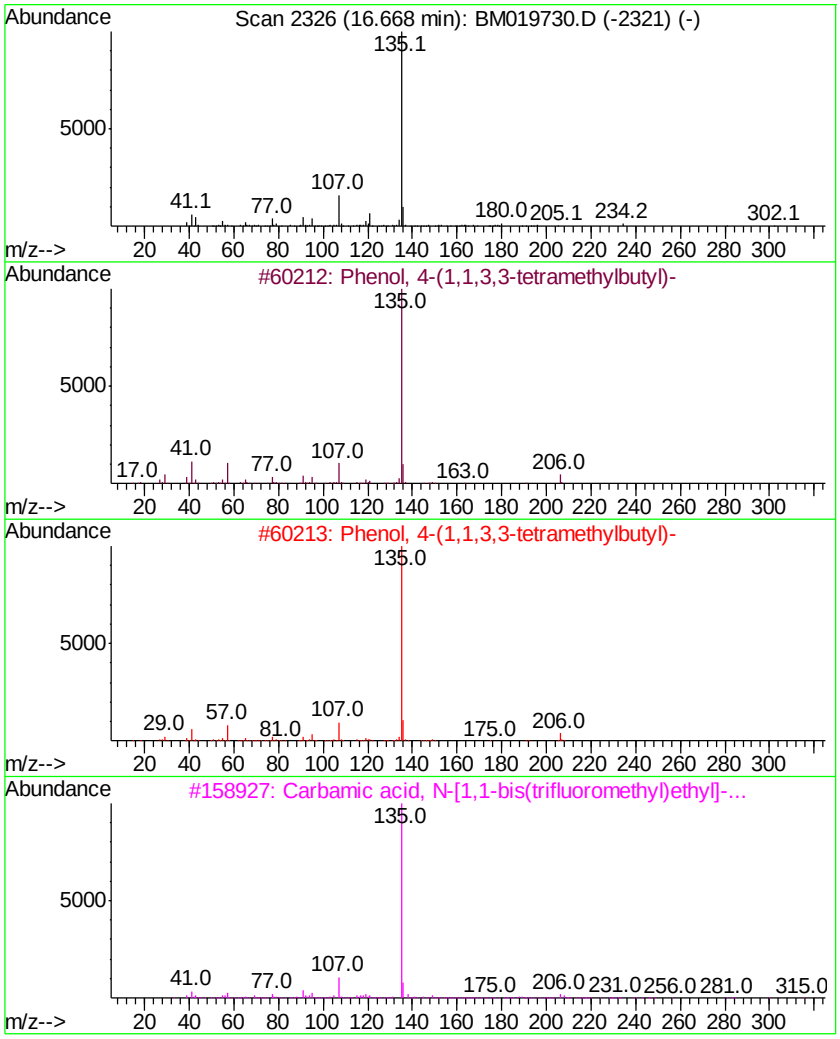
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

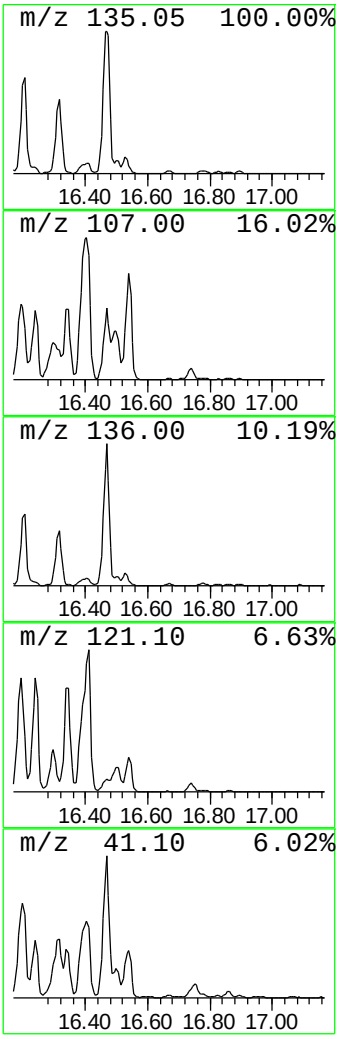
****

Peak Number 26 unknown-11 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.83 ng/ul	462897	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
5	m-Methoxybenzoic acid, phenyl ester	228	C14H12O3	065853-67-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

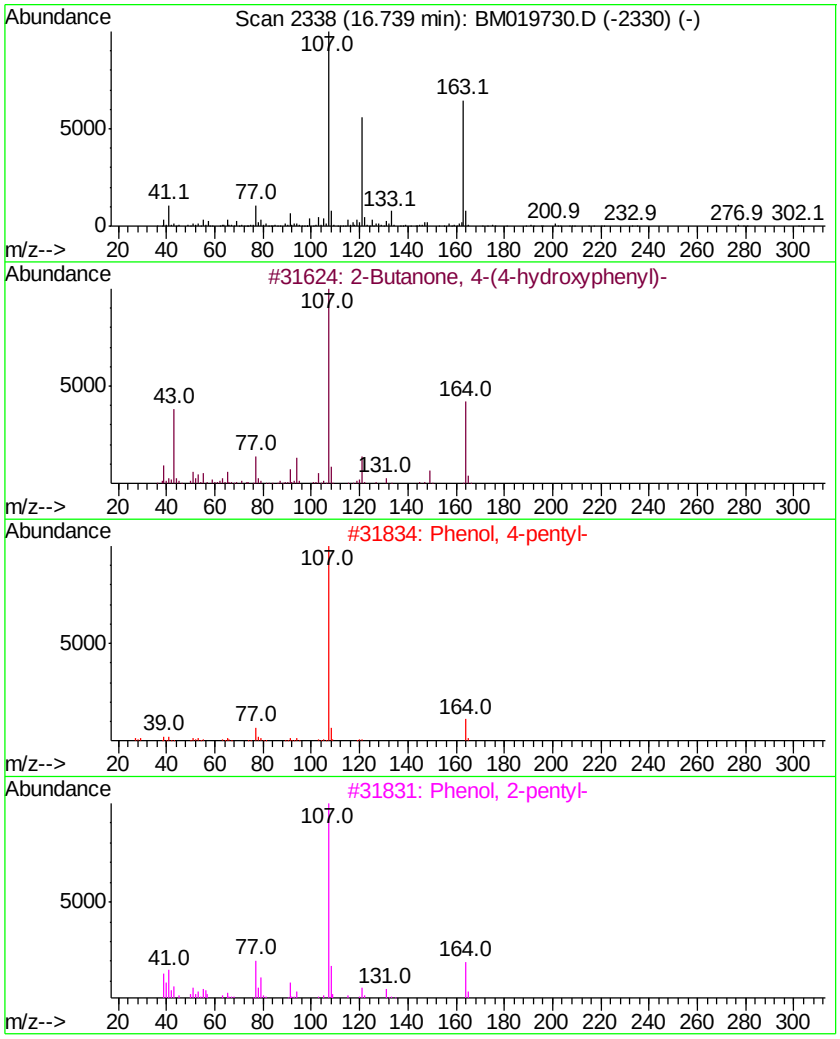
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

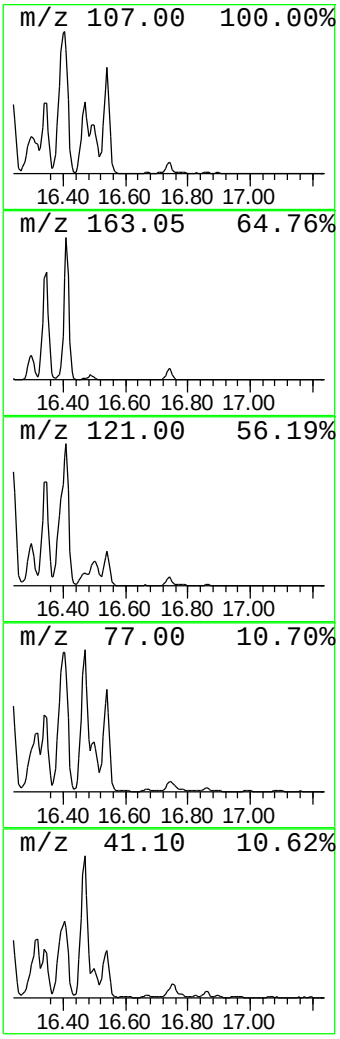
****

Peak Number 27 unknown-12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	17.74 ng/ul	2143500	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	49
2	Phenol, 4-pentyl-	164	C11H16O	014938-35-3	46
3	Phenol, 2-pentyl-	164	C11H16O	000136-81-2	43
4	4-(p-Acetoxyphenyl)-2-butanone	206	C12H14O3	003572-06-3	38
5	4-(p-Acetoxyphenyl)-2-butanone	206	C12H14O3	003572-06-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

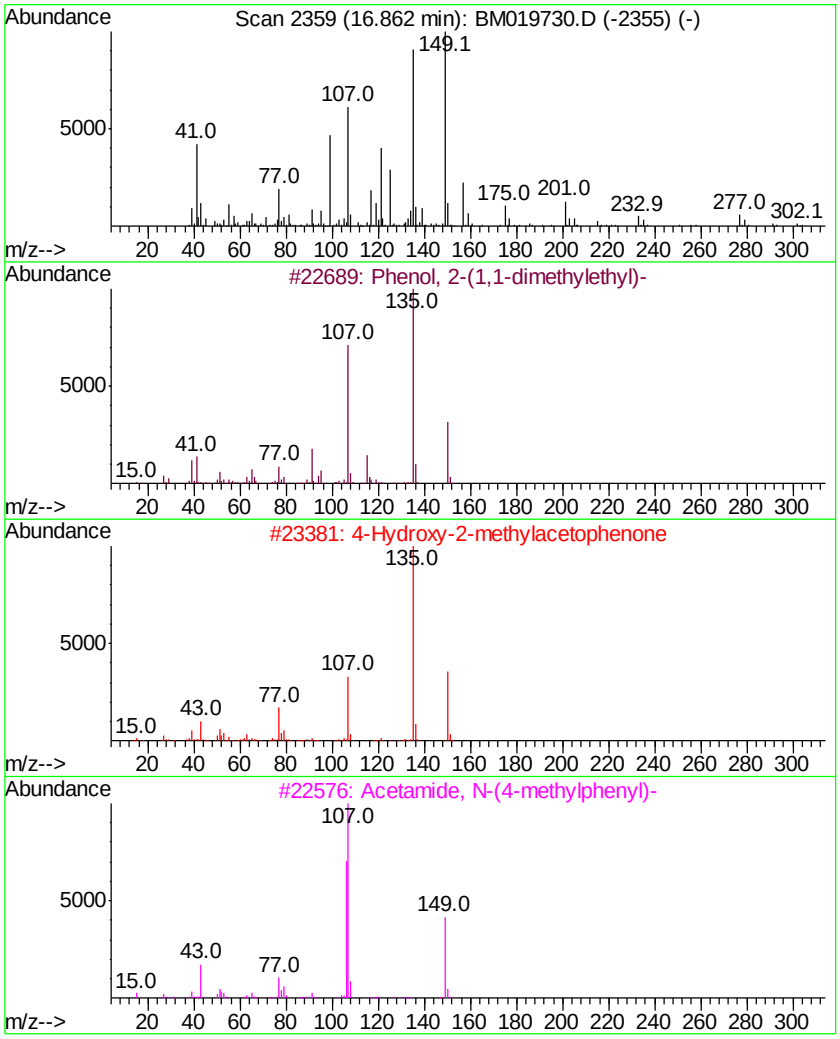
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

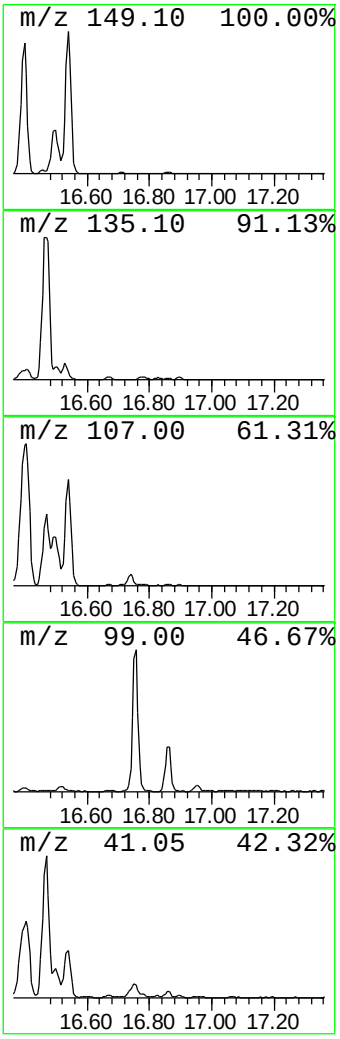
****

Peak Number 28 unknown-13 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	4.99 ng/ul	602662	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	30
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	27
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	27
4	Benzenesulfonamide, N-(1-adamant...	335	C18H25NO3S	1000297-54-4	14
5	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

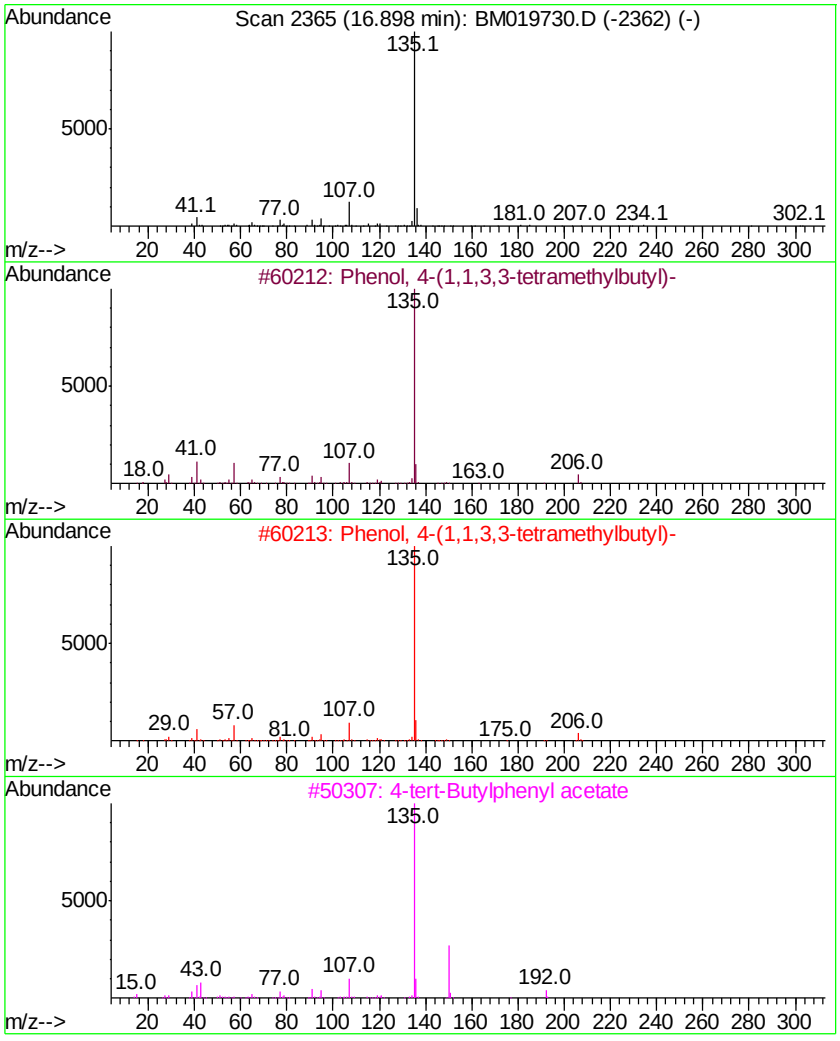
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

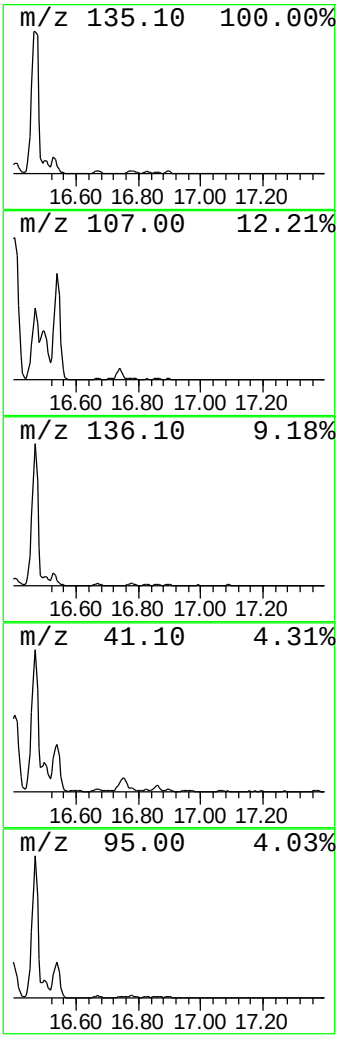
****

Peak Number 29 unknown-14 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.48 ng/ul	299886	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	2-(2-Adamantan-1-yl-2-oxo-ethyl)...	242	C15H18N2O	1000296-74-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

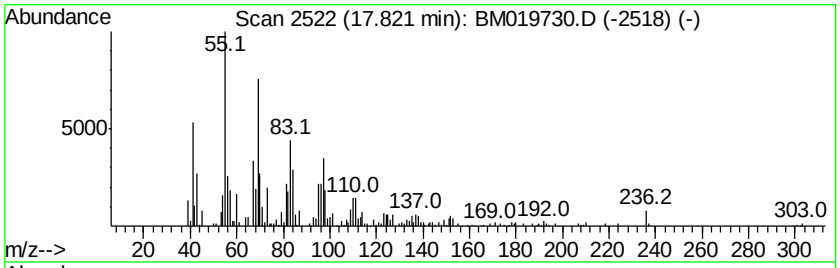
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

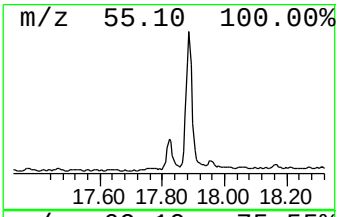
****

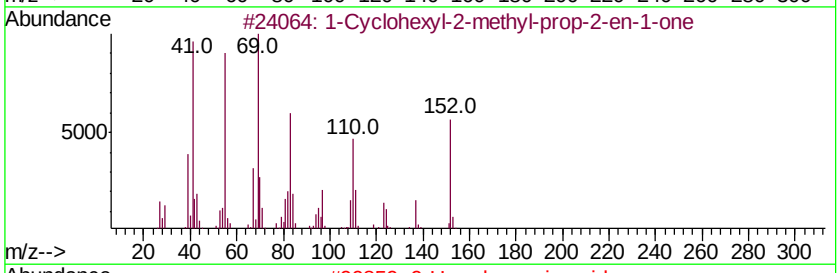
Peak Number 30 1-Cyclohexyl-2-methyl-prop-... Concentration Rank 34

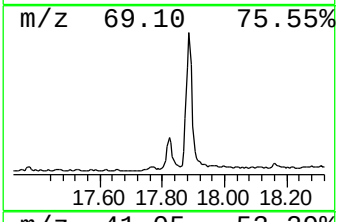
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.66 ng/ul	321844	Phenanthrene-d10	16.99

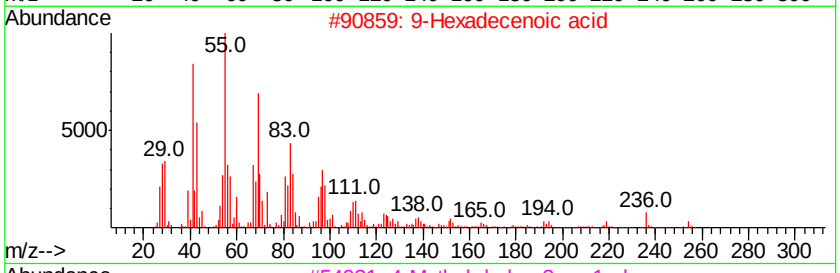
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	64
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	60
3	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	58
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	49
5	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	49

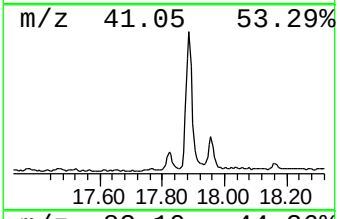


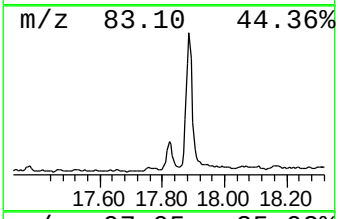


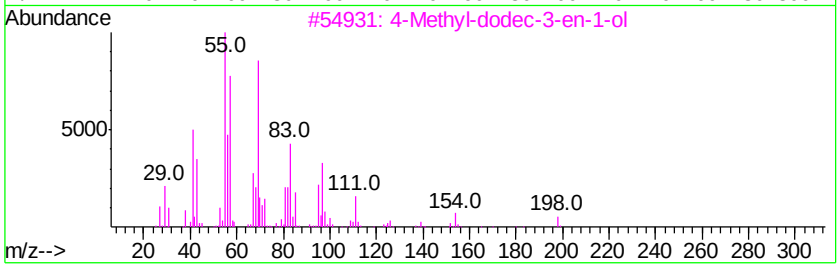


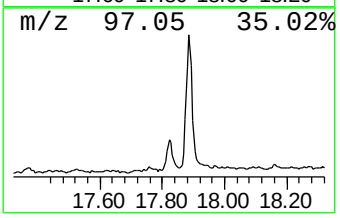












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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

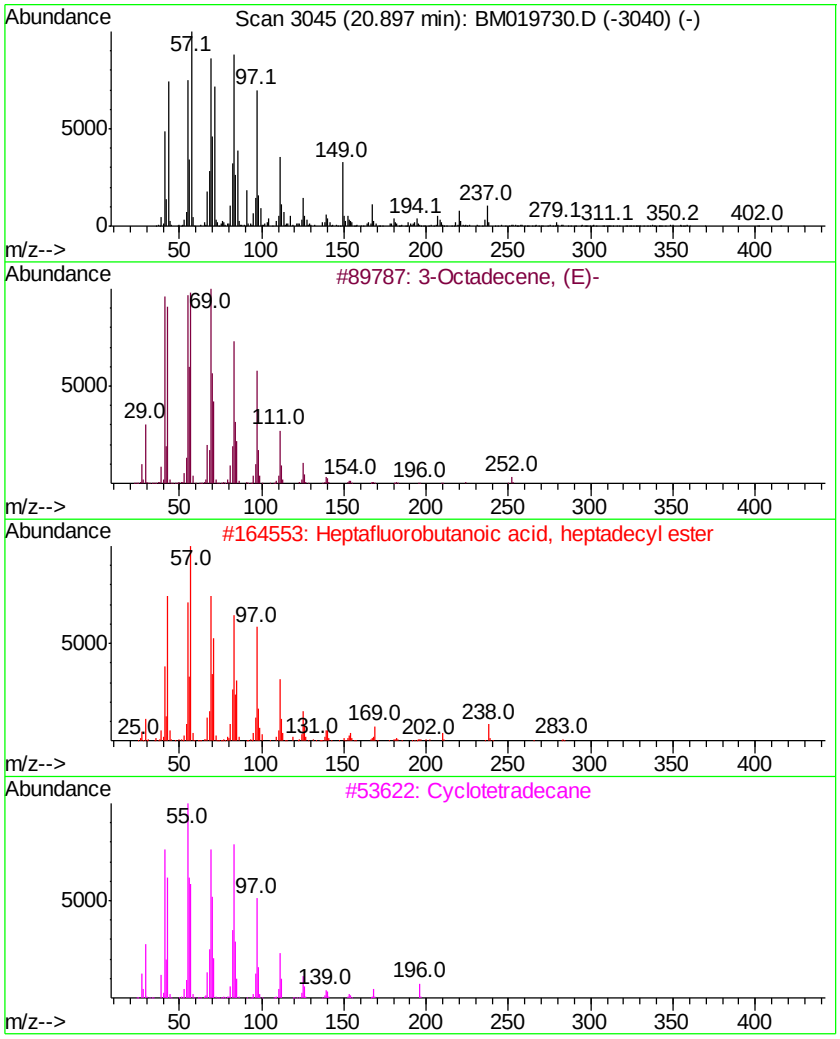
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

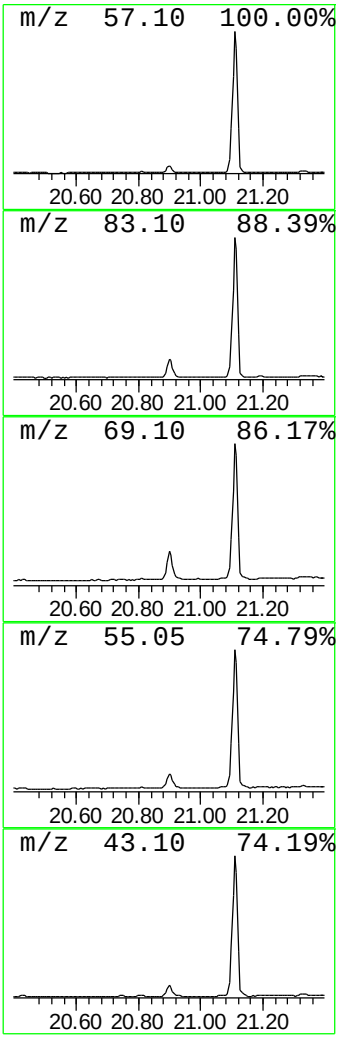
****

Peak Number 36 (DEL) Alkane: Cyclic20.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	15.87 ng/ul	2053310	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G9

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
Bicyclo[4.2.0]oct...	5.57	4.1	ng/ul	226240	1	7.56	1110370	20.0
Benzene, (1-methy...	6.05	2.5	ng/ul	138312	1	7.56	1110370	20.0
Dodecanoic acid	14.67	3.4	ng/ul	414362	3	14.23	2458380	20.0
4-Ethoxy-tricyclo...	15.13	3.3	ng/ul	410847	3	14.23	2458380	20.0
Benzeneacetic aci...	15.30	4.3	ng/ul	531440	3	14.23	2458380	20.0
Anisole, p-octyl-	15.53	4.9	ng/ul	604374	3	14.23	2458380	20.0
2,5-Cyclohexadien...	15.60	13.5	ng/ul	1658830	3	14.23	2458380	20.0
Hexestrol	15.67	10.9	ng/ul	1312200	4	16.99	2416840	20.0
Benzene, 1-methox...	15.75	25.5	ng/ul	3084570	4	16.99	2416840	20.0
unknown-01	15.81	3.6	ng/ul	440963	4	16.99	2416840	20.0
p-Sec-butylphenyl...	15.87	7.0	ng/ul	842926	4	16.99	2416840	20.0
Phenol, 4-(1-meth...	15.90	2.6	ng/ul	318304	4	16.99	2416840	20.0
unknown-02	15.98	99.4	ng/ul	12016800	4	16.99	2416840	20.0
Phenol, 2-(1,1-di...	16.02	6.2	ng/ul	747823	4	16.99	2416840	20.0
Phenol, 4-(1,1,3,...	16.07	129.5	ng/ul	15652100	4	16.99	2416840	20.0
unknown-03	16.14	268.9	ng/ul	32499800	4	16.99	2416840	20.0
Phenol, m-tert-bu...	16.20	237.9	ng/ul	28744900	4	16.99	2416840	20.0
unknown-04	16.24	120.0	ng/ul	14505500	4	16.99	2416840	20.0
unknown-05	16.32	141.9	ng/ul	17143900	4	16.99	2416840	20.0
unknown-06	16.34	96.0	ng/ul	11605600	4	16.99	2416840	20.0
unknown-07	16.40	318.0	ng/ul	38423700	4	16.99	2416840	20.0
unknown-08	16.47	231.9	ng/ul	28026900	4	16.99	2416840	20.0
5H-PYRROLO(3,2-D)...	16.50	72.5	ng/ul	8762200	4	16.99	2416840	20.0
unknown-09	16.54	164.0	ng/ul	19822800	4	16.99	2416840	20.0
unknown-10	16.60	2.4	ng/ul	293999	4	16.99	2416840	20.0
unknown-11	16.67	3.8	ng/ul	462897	4	16.99	2416840	20.0
unknown-12	16.74	17.7	ng/ul	2143500	4	16.99	2416840	20.0
unknown-13	16.86	5.0	ng/ul	602662	4	16.99	2416840	20.0
unknown-14	16.90	2.5	ng/ul	299886	4	16.99	2416840	20.0
1-Cyclohexyl-2-me...	17.82	2.7	ng/ul	321844	4	16.99	2416840	20.0
(DEL) Alkane: Cyc...	20.90	15.9	ng/ul	2053310	5	21.20	2587750	20.0