LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

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-BM051320MA.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	3.764	146	149	154	rVB3	7673	9896	0.37%	0.053%
2	6.710	644	650	660	rBV	434371	648377	24.07%	3.502%
3	6.834	667	671	675	rBV6	3635	4850	0.18%	0.026%
4	6.987	692	697	702	rBV2	14973	26206	0.97%	0.142%
5	7.028	702	704	711	rVB7	5078	8475	0.31%	0.046%
6	7.210	732	735	740	rVB2	9585	12766	0.47%	0.069%
7	7.487	772	782	792	rVB	524815	796185	29.56%	4.300%
8	7.857	839	845	853	rVB	52954	83076	3.08%	0.449%
9	7.940	853	859	867	rBV	384278	584751	21.71%	3.158%
10	8.016	867	872	877	rVB	33014	50985	1.89%	0.275%
11	8.263	907	914	922	rVV	478111	857104	31.82%	4.629%
12	8.328	922	925	932	rVB4	18184	31534	1.17%	0.170%
13	8.634	974	977	980	rVV3	3825	5305	0.20%	0.029%
14	8.716	985	991	997	rBV5	6456	12573	0.47%	0.068%
15	8.904	1018	1023	1030	rBV3	39538	66836	2.48%	0.361%
16	8.951	1030	1031	1038	rVB6	5435	6616	0.25%	0.036%
17	9.257	1078	1083	1089	rVB2	14321	20219	0.75%	0.109%
18	9.457	1111	1117	1120	rBV	241110	388403	14.42%	2.098%
19	9.487	1120	1122	1132	rVB2	142852	190207	7.06%	1.027%
20	9.640	1141	1148	1152	rBV	53385	87986	3.27%	0.475%
21	9.675	1152	1154	1155	rVV	13014	12693	0.47%	0.069%
22	9.710	1155	1160	1165	rVV2	82088	202065	7.50%	1.091%
23	9.763	1165	1169	1176	rVB	365154	545314	20.25%	2.945%
24	9.910	1187	1194	1200	rVB3	37814	68089	2.53%	0.368%
25	10.151	1228	1235	1244	rVV	74187	130491	4.85%	0.705%
26	10.251	1244	1252	1255	rVV	674973	1083661	40.24%	5.853%
27	10.298	1255	1260	1271	rVV	1673629	2693238	100.00%	14.546%
28	10.416	1271	1280	1292	rVB	72298	122339	4.54%	0.661%
29	10.634	1312	1317	1324	rVB2	10056	21181	0.79%	0.114%
30	10.810	1341	1347	1351	rBV	18323	29136	1.08%	0.157%
31	10.892	1357	1361	1366	rVV2	8739	11506	0.43%	0.062%
32	11.040	1379	1386	1391	rBV2	20223	37615	1.40%	0.203%
33	11.098	1391	1396	1405	rVV2	62623	111650	4.15%	0.603%
34	11.175	1405	1409	1416	rVB6	8981	17029	0.63%	0.092%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

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-BM051320MA.M
Title : SVOA CALIBRATION

35	11.292	1422	1429	1433	rBV	14885	25100	0.93%	0.136%
36	11.345	1433	1438	1442	rVV2	17734	28106	1.04%	0.152%
37	11.392	1442	1446	1453	rVB8	6315	11625	0.43%	0.063%
38	11.651	1482	1490	1499	rBV5	10993	27025	1.00%	0.146%
39	11.769	1504	1510	1512	rBV4	8011	14535	0.54%	0.078%
40	11.922	1530	1536	1542	rVV	77279	119439	4.43%	0.645%
41	12.039	1542	1556	1562	rVB6	23304	62585	2.32%	0.338%
42	12.145	1568	1574	1582	rVB	50457	82442	3.06%	0.445%
43	12.292	1594	1599	1601	rVV5	5148	7661	0.28%	0.041%
44	12.334	1601	1606	1612	rVV	32190	49215	1.83%	0.266%
45	12.551	1639	1643	1647	rBV6	3541	5167	0.19%	0.028%
46	12.645	1655	1659	1665	rVV5	2777	5129	0.19%	0.028%
47	12.939	1703	1709	1712	rBV7	4920	11834	0.44%	0.064%
48	13.151	1744	1745	1754	rVB7	3537	6073	0.23%	0.033%
49	13.286	1761	1768	1773	rBV10	5774	14345	0.53%	0.077%
50	13.398	1785	1787	1792	rBV5	4038	6224	0.23%	0.034%
51	13.457	1792	1797	1802	rVV6	5599	11182	0.42%	0.060%
52	13.504	1802	1805	1809	rVB5	4400	6664	0.25%	0.036%
53	13.563	1809	1815	1820	rBV2	5995	11098	0.41%	0.060%
54	13.633	1820	1827	1831	rVB7	5838	11357	0.42%	0.061%
55	13.822	1854	1859	1862	rBV6	8346	10885	0.40%	0.059%
56	13.957	1879	1882	1887	rBV5	6821	10387	0.39%	0.056%
57	14.133	1905	1912	1918	rVV	953825	1386936	51.50%	7.491%
58	14.198	1918	1923	1929	rVV	81612	121777	4.52%	0.658%
59	14.269	1929	1935	1940	rVV	17601	28792	1.07%	0.155%
60	14.333	1940	1946	1954	rVB2	18897	31693	1.18%	0.171%
61	14.433	1956	1963	1969	rVV2	46370	82845	3.08%	0.447%
62	14.533	1972	1980	1991	rVB2	39097	85399	3.17%	0.461%
63	14.869	2032	2037	2053	rVV	47161	88553	3.29%	0.478%
64	15.010	2057	2061	2068	rVV5	9237	17168	0.64%	0.093%
65	15.133	2077	2082	2086	rVV4	11936	17817	0.66%	0.096%
66	15.186	2086	2091	2099	rVB2	37408	60750	2.26%	0.328%
67	15.339	2112	2117	2123	rVB8	9657	21645	0.80%	0.117%
68	15.433	2128	2133	2137	rVB6	8096	15152	0.56%	0.082%
69	15.504	2139	2145	2151	rVB6	9250	14197	0.53%	0.077%
70	15.575	2153	2157	2161	rBV5	5225	9557	0.35%	0.052%
71	15.622	2161	2165	2169	rBV7	3878	5313	0.20%	0.029%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

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-BM051320MA.M
Title : SVOA CALIBRATION

72	15.857	2199	2205	2206	rBV5	14353	18441	0.68%	0.100%
73	16.045	2224	2237	2243	rBV	332269	731033	27.14%	3.948%
74	16.163	2253	2257	2263	rVB3	13464	20797	0.77%	0.112%
75	16.392	2291	2296	2302	rBV2	41416	64678	2.40%	0.349%
76	16.516	2312	2317	2325	rVB2	24009	38057	1.41%	0.206%
77	16.680	2340	2345	2354	rVB4	20158	44998	1.67%	0.243%
78	16.804	2361	2366	2371	rBV8	5408	9677	0.36%	0.052%
79	16.880	2373	2379	2384	rBV	1226224	1653696	61.40%	8.931%
80	16.921	2384	2386	2389	rVV	55886	72711	2.70%	0.393%
81	16.986	2393	2397	2410	rVV5	44529	99737	3.70%	0.539%
82	17.080	2410	2413	2416	rVV4	7071	10129	0.38%	0.055%
83	17.110	2416	2418	2421	rVB3	6844	6939	0.26%	0.037%
84	17.204	2429	2434	2441	rBV3	12802	32153	1.19%	0.174%
85	17.286	2441	2448	2456	rVB	95859	147919	5.49%	0.799%
86	17.386	2461	2465	2471	rVV3	20748	34492	1.28%	0.186%
87	17.457	2473	2477	2482	rVB	20996	27845	1.03%	0.150%
88	17.633	2503	2507	2511	rBV7	4833	8878	0.33%	0.048%
89	17.721	2519	2522	2526	rBV6	6249	9543	0.35%	0.052%
90	17.810	2532	2537	2539	rBV5	10236	14112	0.52%	0.076%
91	17.886	2547	2550	2555	rVB3	11572	16456	0.61%	0.089%
92	17.963	2559	2563	2566	rBV6	3612	4935	0.18%	0.027%
93	18.039	2573	2576	2579	rBV5	6439	9807	0.36%	0.053%
94	18.210	2602	2605	2606	rBV3	5924	5709	0.21%	0.031%
95	18.551	2660	2663	2665	rBV4	7469	7343	0.27%	0.040%
96	18.757	2695	2698	2699	rBV2	4905	5405	0.20%	0.029%
97	19.280	2784	2787	2790	rBV2	14421	18776	0.70%	0.101%
98	19.345	2795	2798	2801	rVB3	13752	17794	0.66%	0.096%
99	21.080	3088	3093	3099	rBV	1574911	1946370	72.27%	10.512%
100	23.203	3448	3454	3462	rVB	1078254	1933473	71.79%	10.442%

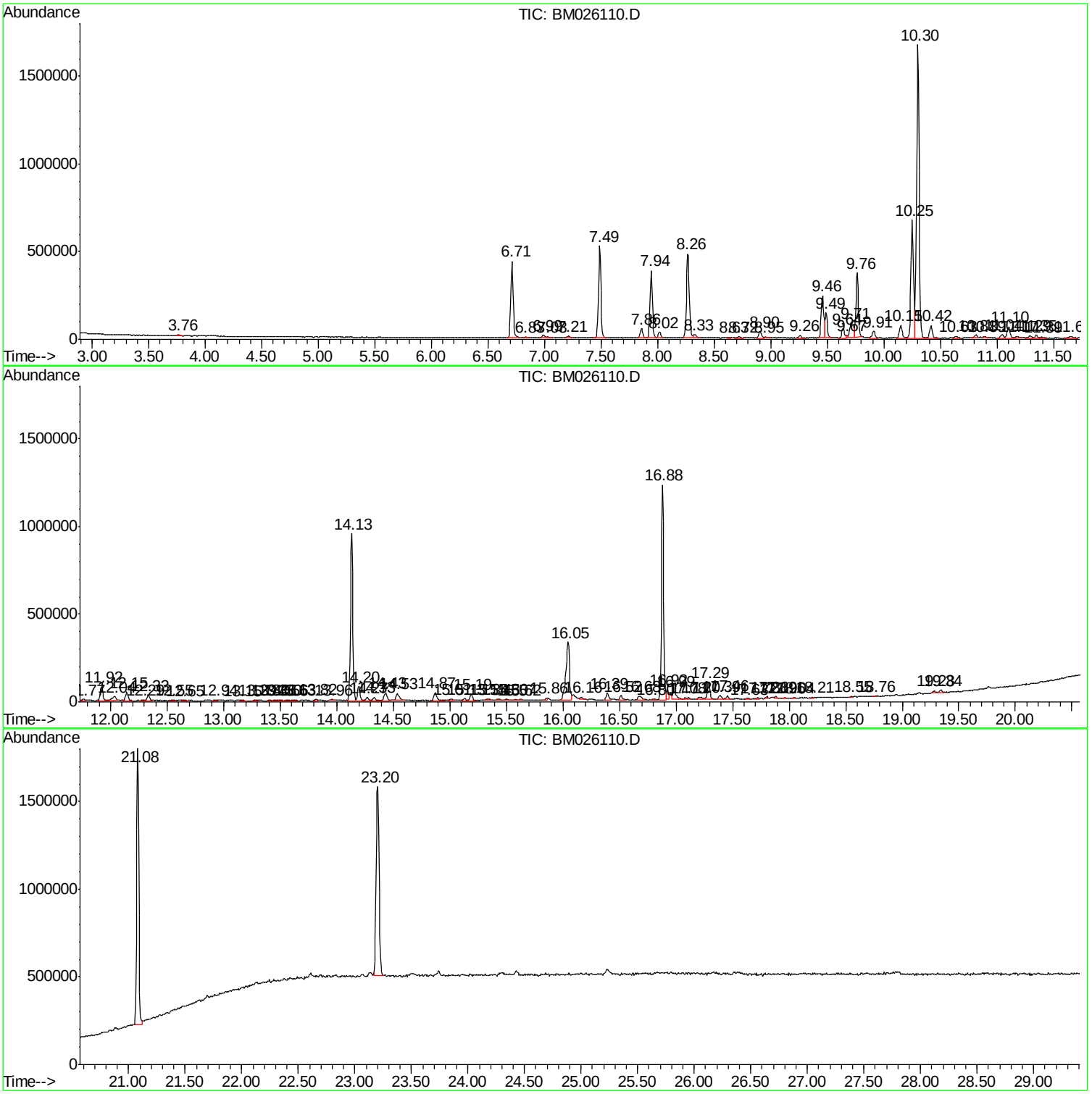
Sum of corrected areas: 18515932

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

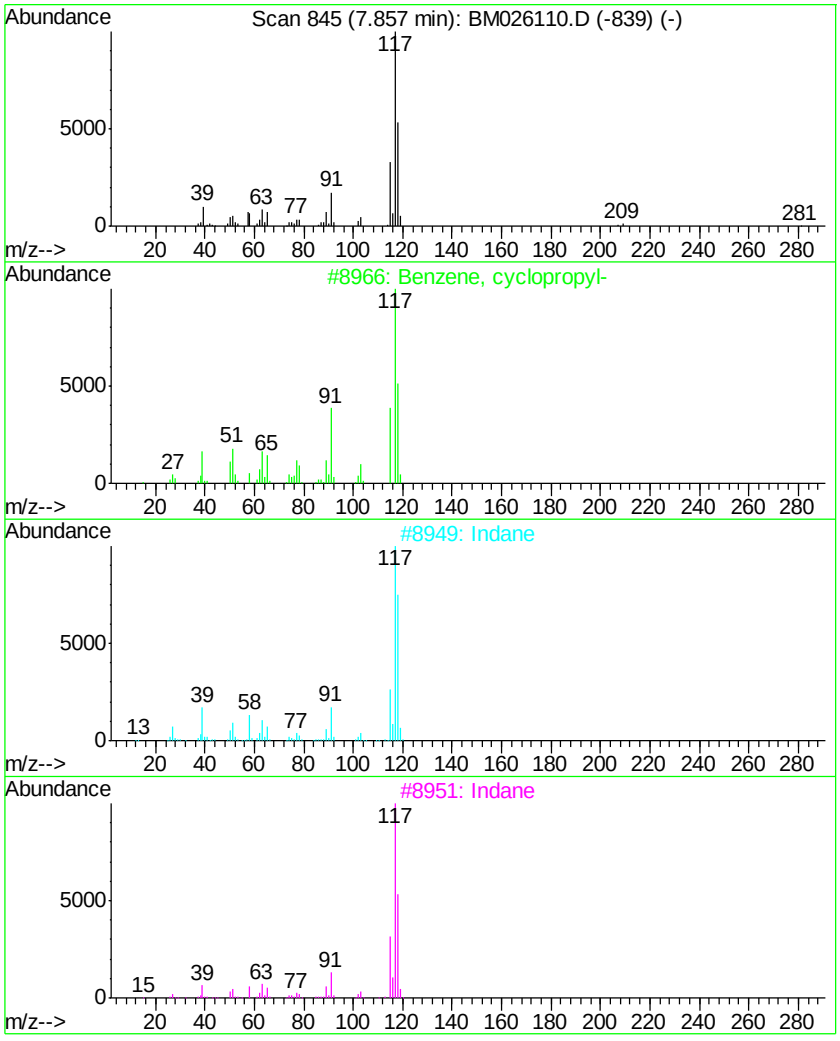
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

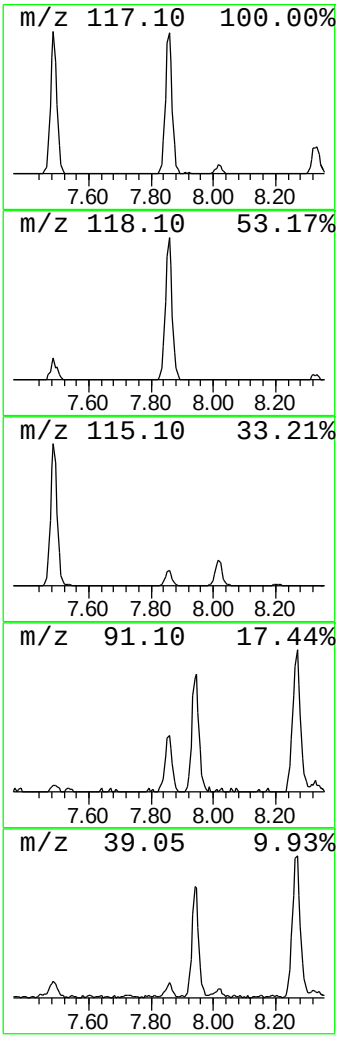
****

Peak Number 1 Benzene, cyclopropyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.09 ng/ul	83076	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

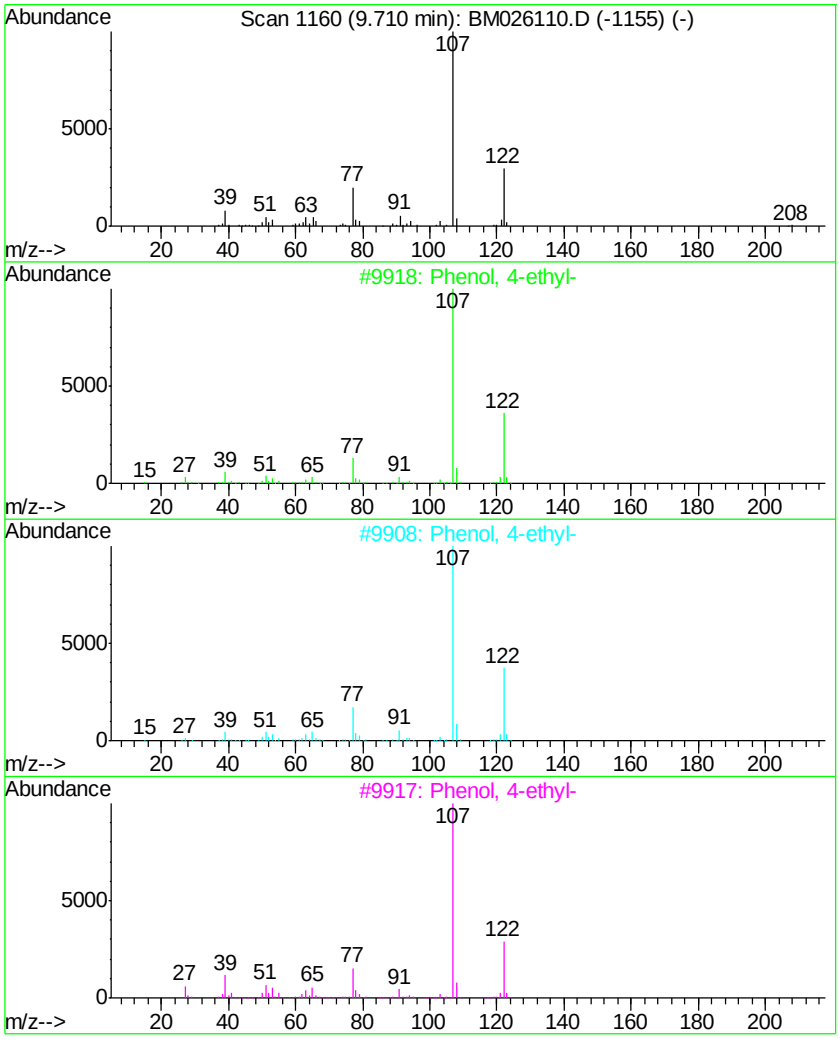
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

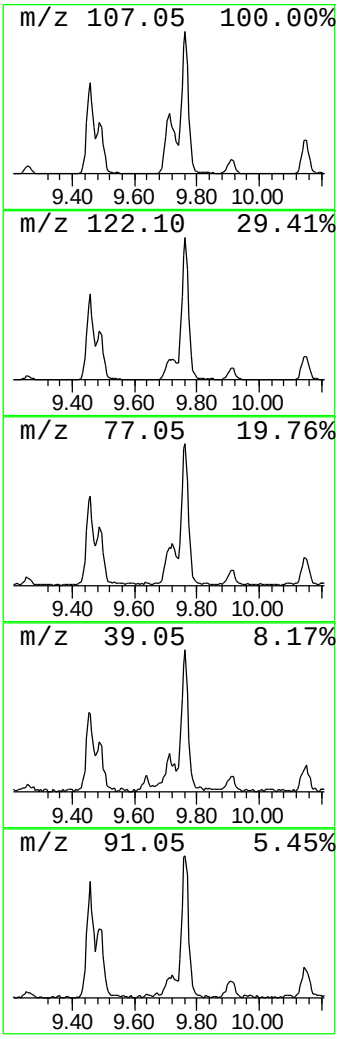
****

Peak Number 2 Phenol, 4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	3.73 ng/ul	202065	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	91
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

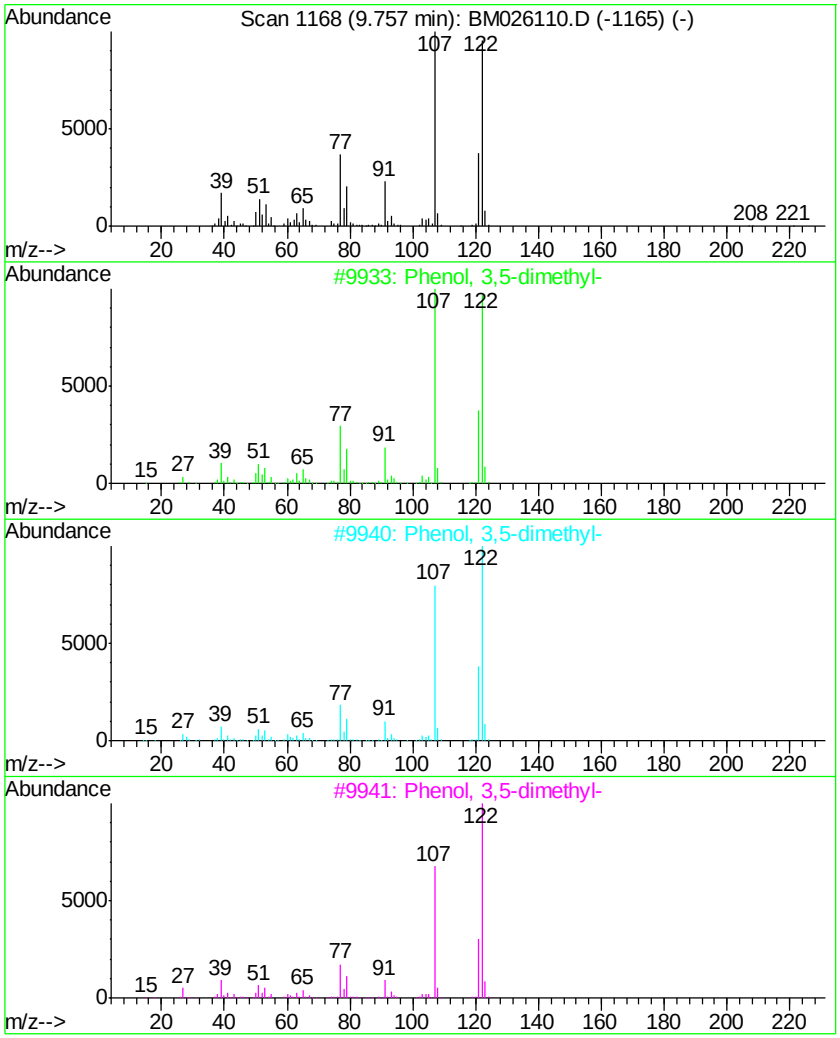
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

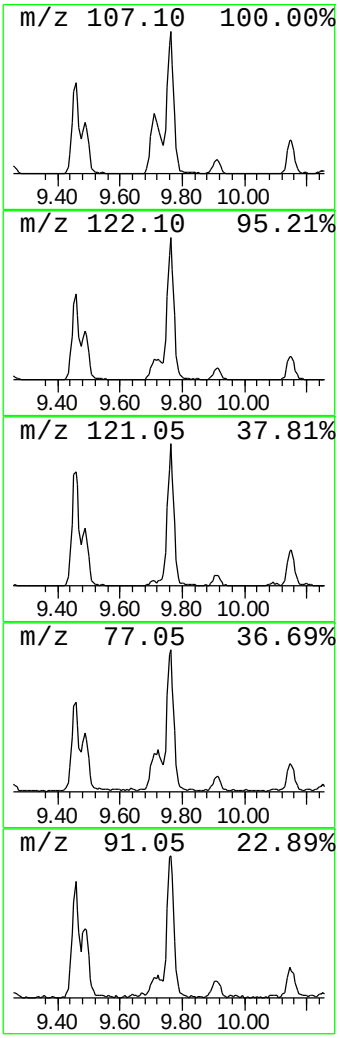
****

Peak Number 3 Phenol, 3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	10.06 ng/ul	545314	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

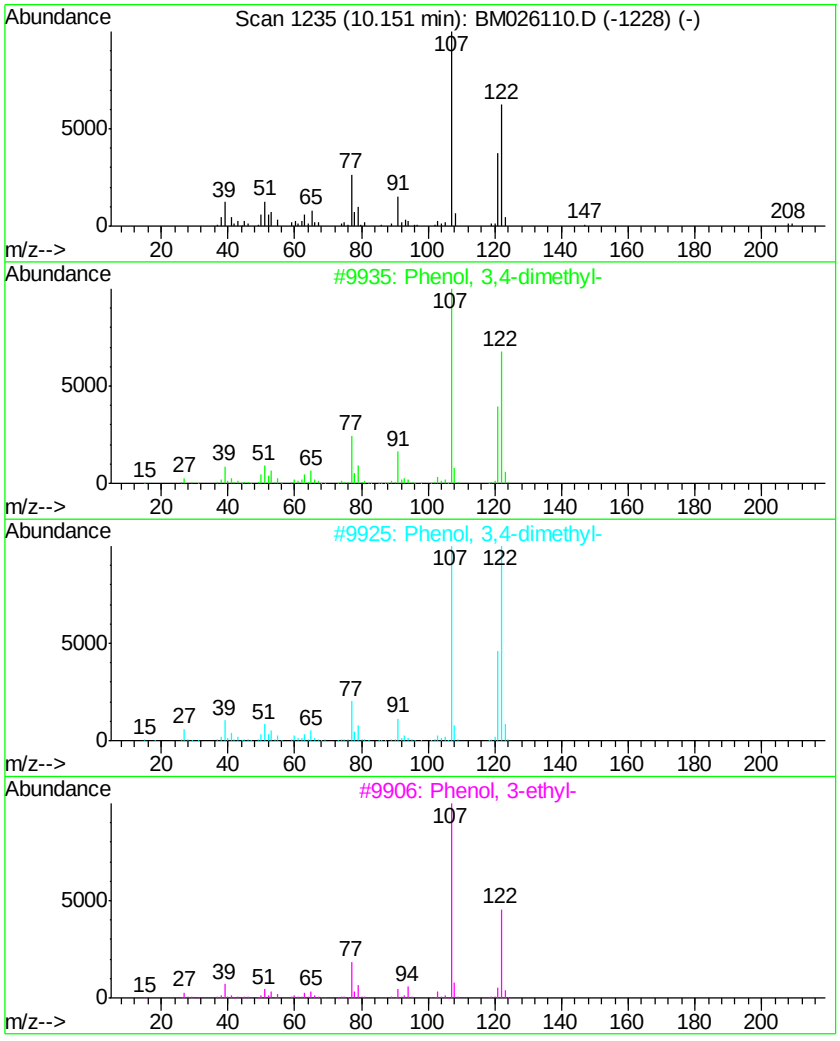
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

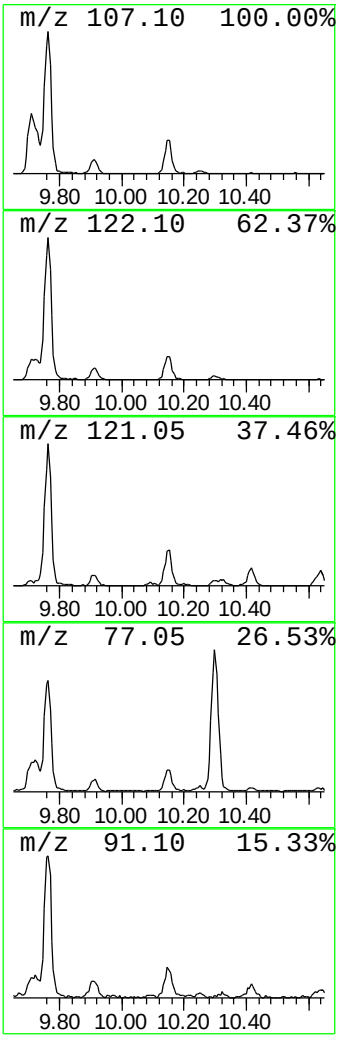
****

Peak Number 4 Phenol, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.41 ng/ul	130491	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

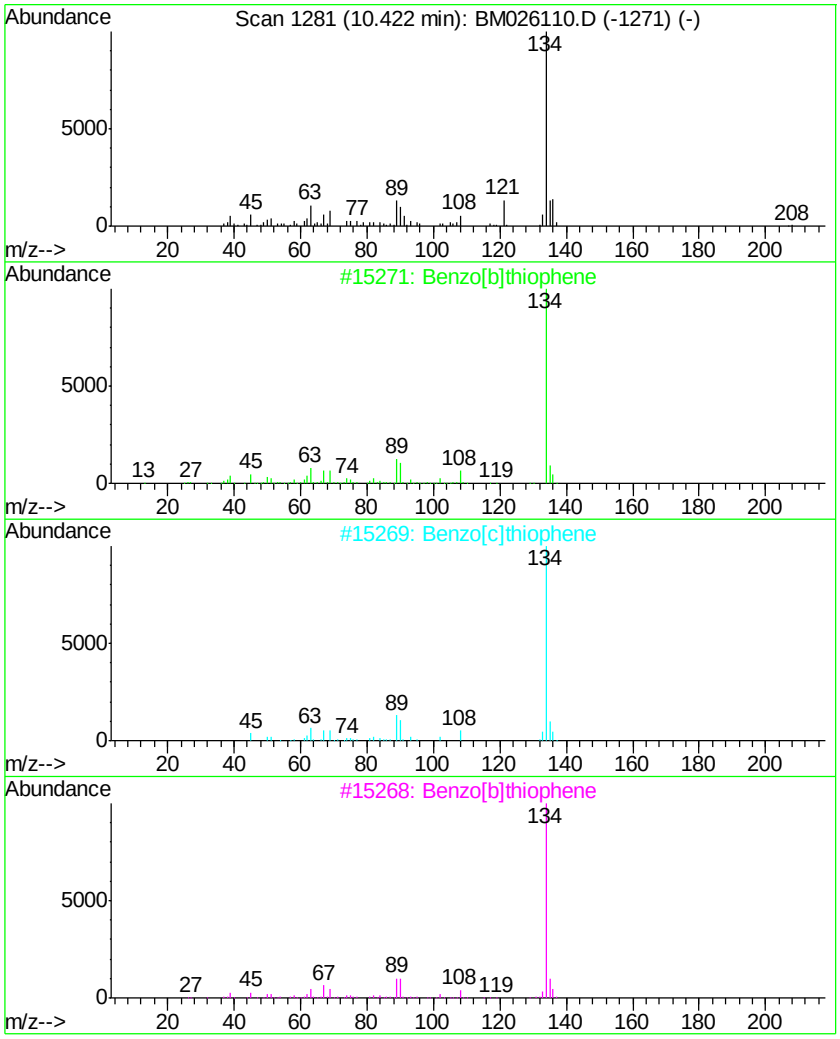
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

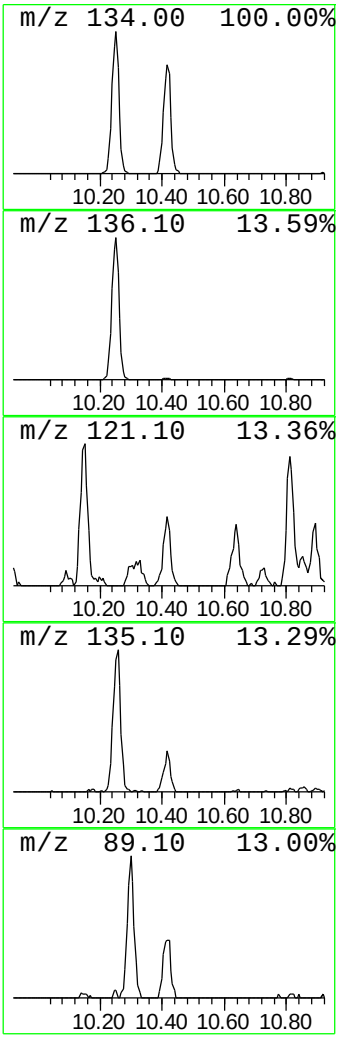
****

Peak Number 5 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.26 ng/ul	122339	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	93
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	83





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Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

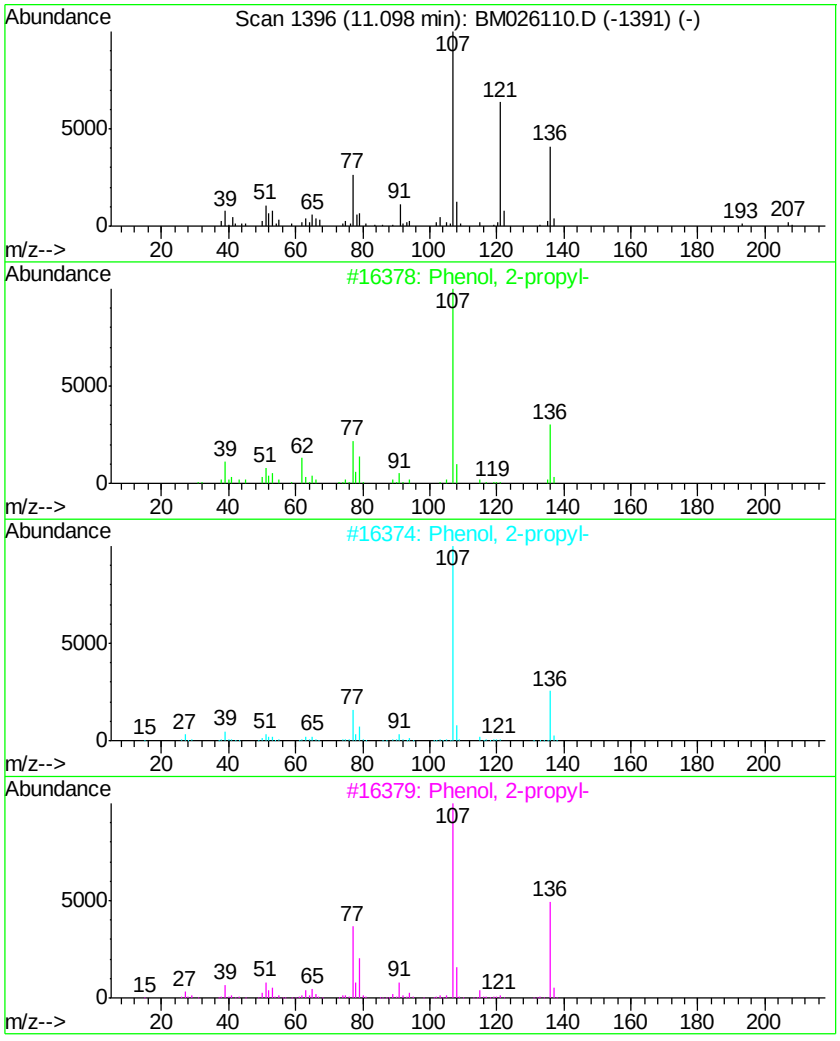
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

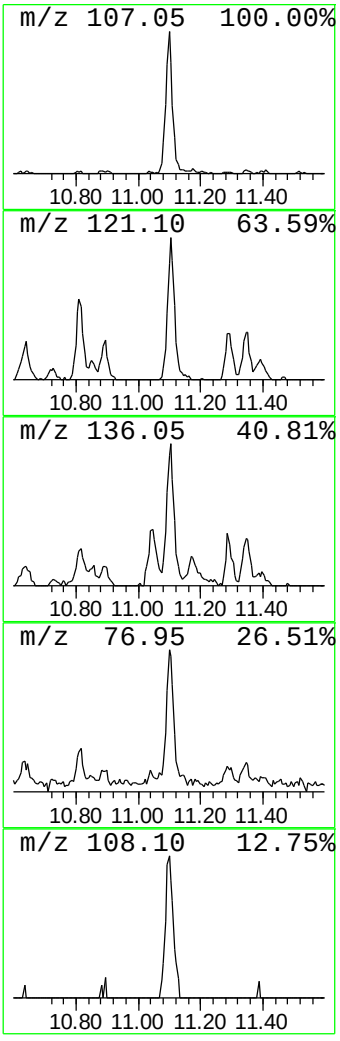
****

Peak Number 6 Phenol, 2-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.06 ng/ul	111650	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	87
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	87
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	87
4	Phenol, 3-propyl-	136	C9H12O	000621-27-2	86
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	81





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Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

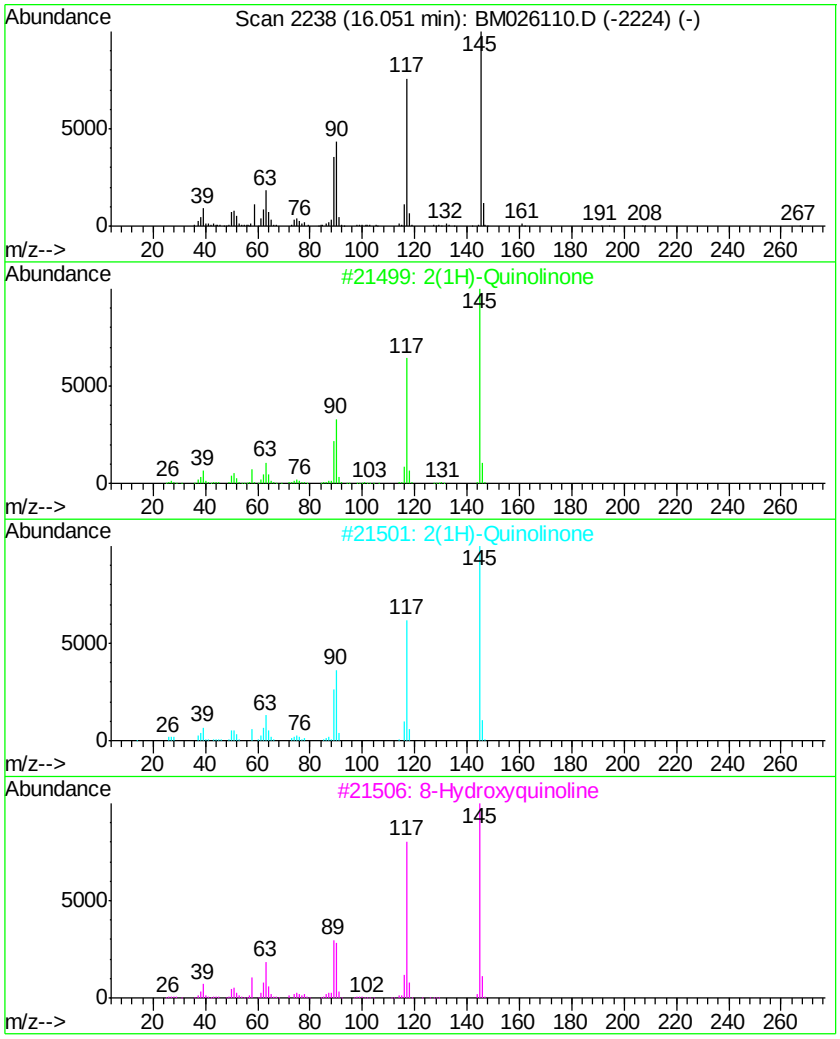
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

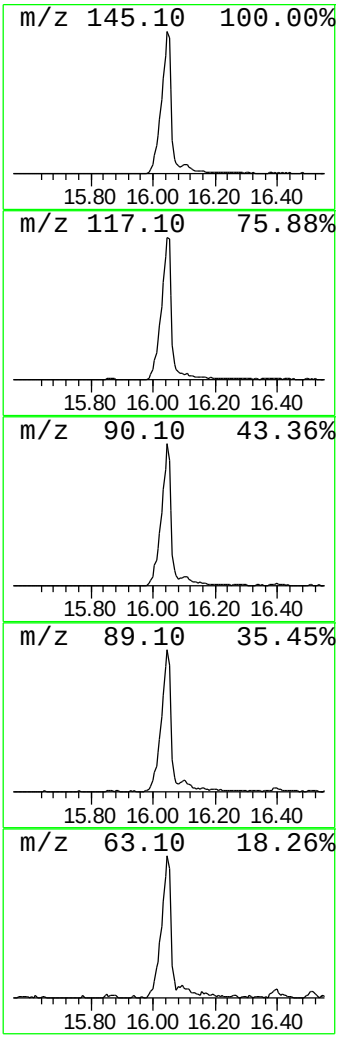
****

Peak Number 7 2(1H)-Quinolinone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	8.84 ng/ul	731033	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	97
2	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	97
3	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	95
4	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	93
5	4-Quinolinol	145	C9H7NO	000611-36-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, cyclopro...	7.86	2.1	ng/ul	83076	1	7.49	796185	20.0
Phenol, 4-ethyl-	9.71	3.7	ng/ul	202065	2	10.25	1083660	20.0
Phenol, 3,5-dimet...	9.76	10.1	ng/ul	545314	2	10.25	1083660	20.0
Phenol, 3,4-dimet...	10.15	2.4	ng/ul	130491	2	10.25	1083660	20.0
Benzo[b]thiophene	10.42	2.3	ng/ul	122339	2	10.25	1083660	20.0
Phenol, 2-propyl-	11.10	2.1	ng/ul	111650	2	10.25	1083660	20.0
2(1H)-Quinolinone	16.05	8.8	ng/ul	731033	4	16.88	1653700	20.0