LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

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-BM111918MA.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	3.081	15	16	22	rVB6	3443	4006	0.14%	0.014%
2	3.169	28	31	36	rBV5	6977	10095	0.35%	0.034%
3	3.428	72	75	77	rBV2	4044	3920	0.14%	0.013%
4	3.681	116	118	121	rBV3	3161	3827	0.13%	0.013%
5	3.769	129	133	136	rBV3	6155	8987	0.31%	0.030%
6	3.863	143	149	153	rBV2	17733	27838	0.97%	0.094%
7	4.052	177	181	184	rBV5	3681	5246	0.18%	0.018%
8	4.093	187	188	191	rBV3	3511	3766	0.13%	0.013%
9	4.257	214	216	222	rVB4	3740	5076	0.18%	0.017%
10	4.363	233	234	238	rBV4	4233	4734	0.16%	0.016%
11	4.763	299	302	306	rVB4	5817	6377	0.22%	0.022%
12	5.122	362	363	368	rVB3	4863	5468	0.19%	0.019%
13	5.252	379	385	386	rBV5	3849	5419	0.19%	0.018%
14	5.604	443	445	449	rVB4	3858	4615	0.16%	0.016%
15	5.657	451	454	458	rVV5	7598	11507	0.40%	0.039%
16	6.616	612	617	622	rBV3	9715	17517	0.61%	0.059%
17	6.693	626	630	634	rVV3	19673	29986	1.04%	0.102%
18	6.757	634	641	654	rVB2	86188	205886	7.14%	0.698%
19	6.863	656	659	662	rVB2	3585	3836	0.13%	0.013%
20	6.916	662	668	678	rBV	391044	614401	21.30%	2.083%
21	7.104	693	700	714	rVB	422917	715406	24.81%	2.426%
22	7.563	771	778	785	rVV	445589	722859	25.06%	2.451%
23	7.634	785	790	800	rVV2	41718	72670	2.52%	0.246%
24	7.834	818	824	825	rVV5	4623	5686	0.20%	0.019%
25	7.851	825	827	831	rVB4	4317	6006	0.21%	0.020%
26	8.187	878	884	888	rBV4	11627	24578	0.85%	0.083%
27	8.275	893	899	910	rVV	266445	528195	18.32%	1.791%
28	8.387	914	918	926	rVB	27989	48335	1.68%	0.164%
29	8.651	956	963	968	rVV	178539	296652	10.29%	1.006%
30	8.716	968	974	981	rVV	461947	783575	27.17%	2.657%
31	8.775	981	984	992	rVB2	27877	51941	1.80%	0.176%
32	9.104	1034	1040	1045	rBV	30367	43806	1.52%	0.149%
33	9.263	1063	1067	1070	rBV4	2881	3964	0.14%	0.013%
34	9.434	1088	1096	1111	rBV	373891	662667	22.98%	2.247%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

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-BM111918MA.M
Title : SVOA CALIBRATION

35	9.675	1132	1137	1138	rBV3	3904	5837	0.20%	0.020%
36	9.722	1138	1145	1152	rVB6	8186	20698	0.72%	0.070%
37	9.822	1160	1162	1165	rVB3	2937	3592	0.12%	0.012%
38	9.881	1165	1172	1179	rBV6	9980	26615	0.92%	0.090%
39	9.963	1179	1186	1207	rVV	441297	950919	32.97%	3.225%
40	10.116	1207	1212	1220	rVV7	21993	43524	1.51%	0.148%
41	10.204	1223	1227	1230	rVV3	3947	6905	0.24%	0.023%
42	10.257	1230	1236	1242	rVV2	114116	221415	7.68%	0.751%
43	10.328	1242	1248	1255	rVV	583823	992523	34.42%	3.366%
44	10.392	1255	1259	1267	rVV3	44259	83903	2.91%	0.285%
45	10.634	1294	1300	1305	rVB6	5552	12230	0.42%	0.041%
46	10.904	1342	1346	1353	rVV3	3429	6759	0.23%	0.023%
47	10.992	1353	1361	1375	rVV	216809	478772	16.60%	1.624%
48	11.116	1378	1382	1383	rVV3	6211	5227	0.18%	0.018%
49	11.157	1383	1389	1396	rVB4	23119	47693	1.65%	0.162%
50	11.275	1405	1409	1411	rBV4	3040	3881	0.13%	0.013%
51	11.528	1446	1452	1457	rBV3	13602	26346	0.91%	0.089%
52	11.592	1457	1463	1469	rVB3	13332	26365	0.91%	0.089%
53	11.663	1469	1475	1480	rBV2	21805	45267	1.57%	0.154%
54	11.945	1517	1523	1525	rBV4	6947	13235	0.46%	0.045%
55	12.416	1600	1603	1605	rBV2	3154	4008	0.14%	0.014%
56	12.486	1611	1615	1618	rBV3	10482	16475	0.57%	0.056%
57	12.551	1620	1626	1637	rVB3	12882	27972	0.97%	0.095%
58	12.675	1644	1647	1651	rVV	5535	9526	0.33%	0.032%
59	12.810	1665	1670	1677	rBV3	20055	30022	1.04%	0.102%
60	13.139	1713	1726	1745	rBV	696197	1329698	46.11%	4.509%
61	13.439	1776	1777	1781	rVV3	4750	4866	0.17%	0.017%
62	13.633	1800	1810	1824	rBV	967505	1430169	49.59%	4.850%
63	13.739	1824	1828	1831	rVV4	7944	10804	0.37%	0.037%
64	13.898	1848	1855	1868	rBV	1145135	1726020	59.85%	5.853%
65	14.004	1868	1873	1874	rBV2	5446	7376	0.26%	0.025%
66	14.116	1885	1892	1901	rBV2	24669	47874	1.66%	0.162%
67	14.210	1901	1908	1916	rVV2	807119	1170142	40.57%	3.968%
68	14.298	1920	1923	1929	rVB4	4627	7592	0.26%	0.026%
69	14.516	1951	1960	1965	rBV8	15362	49967	1.73%	0.169%
70	14.669	1984	1986	1991	rVB3	4983	5708	0.20%	0.019%
71	14.904	2021	2026	2032	rVV4	11893	20912	0.73%	0.071%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

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-BM111918MA.M
Title : SVOA CALIBRATION

72	15.021	2042	2046	2050	rBV	77137	101866	3.53%	0.345%
73	15.057	2050	2052	2060	rVB2	24621	33836	1.17%	0.115%
74	15.151	2063	2068	2072	rBV2	24171	29560	1.02%	0.100%
75	15.210	2072	2078	2090	rBV	1354839	2111370	73.21%	7.160%
76	15.357	2098	2103	2114	rBV	328188	568897	19.73%	1.929%
77	15.433	2114	2116	2117	rVV2	10649	11027	0.38%	0.037%
78	15.457	2117	2120	2125	rVV2	19929	30274	1.05%	0.103%
79	15.592	2137	2143	2149	rBV2	18666	31223	1.08%	0.106%
80	16.968	2371	2377	2387	rVB	908136	1252603	43.43%	4.248%
81	17.068	2387	2394	2415	rBV	1483978	2248944	77.98%	7.626%
82	17.274	2421	2429	2432	rBV	12921	18831	0.65%	0.064%
83	17.645	2487	2492	2497	rVV	261216	318488	11.04%	1.080%
84	17.815	2516	2521	2522	rBV4	2618	3857	0.13%	0.013%
85	17.886	2529	2533	2539	rBV7	10390	20138	0.70%	0.068%
86	17.957	2541	2545	2549	rVV2	14236	19103	0.66%	0.065%
87	18.086	2563	2567	2570	rVV4	9077	13160	0.46%	0.045%
88	18.121	2570	2573	2578	rVB5	5944	9920	0.34%	0.034%
89	18.386	2613	2618	2620	rBV4	4435	7114	0.25%	0.024%
90	18.457	2627	2630	2635	rVB2	2906	3687	0.13%	0.013%
91	18.633	2659	2660	2665	rBV4	3696	3792	0.13%	0.013%
92	19.009	2720	2724	2730	rBV3	14641	26633	0.92%	0.090%
93	19.180	2748	2753	2758	rBV7	13429	21269	0.74%	0.072%
94	19.268	2764	2768	2771	rVB2	10797	12800	0.44%	0.043%
95	19.374	2779	2786	2801	rBV	1782966	2615519	90.69%	8.869%
96	19.574	2818	2820	2821	rBV2	4267	4258	0.15%	0.014%
97	19.633	2825	2830	2836	rVV	21609	38707	1.34%	0.131%
98	21.186	3089	3094	3105	rBV	1084085	1563747	54.22%	5.303%
99	23.227	3434	3441	3451	rBV	1507117	2883942	100.00%	9.779%
100	23.362	3458	3464	3482	rVB	811337	1615638	56.02%	5.479%

Sum of corrected areas: 29489887

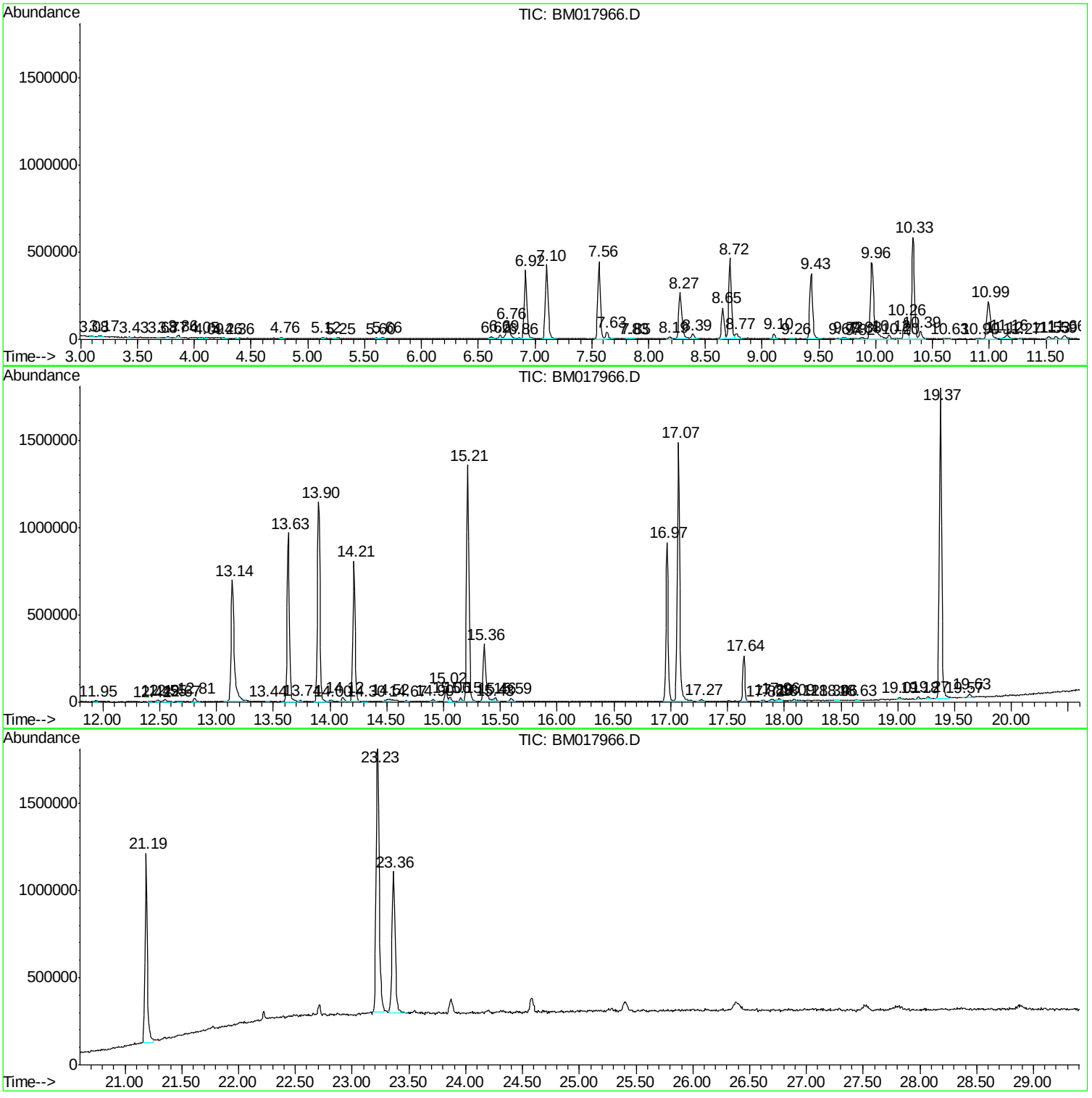
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

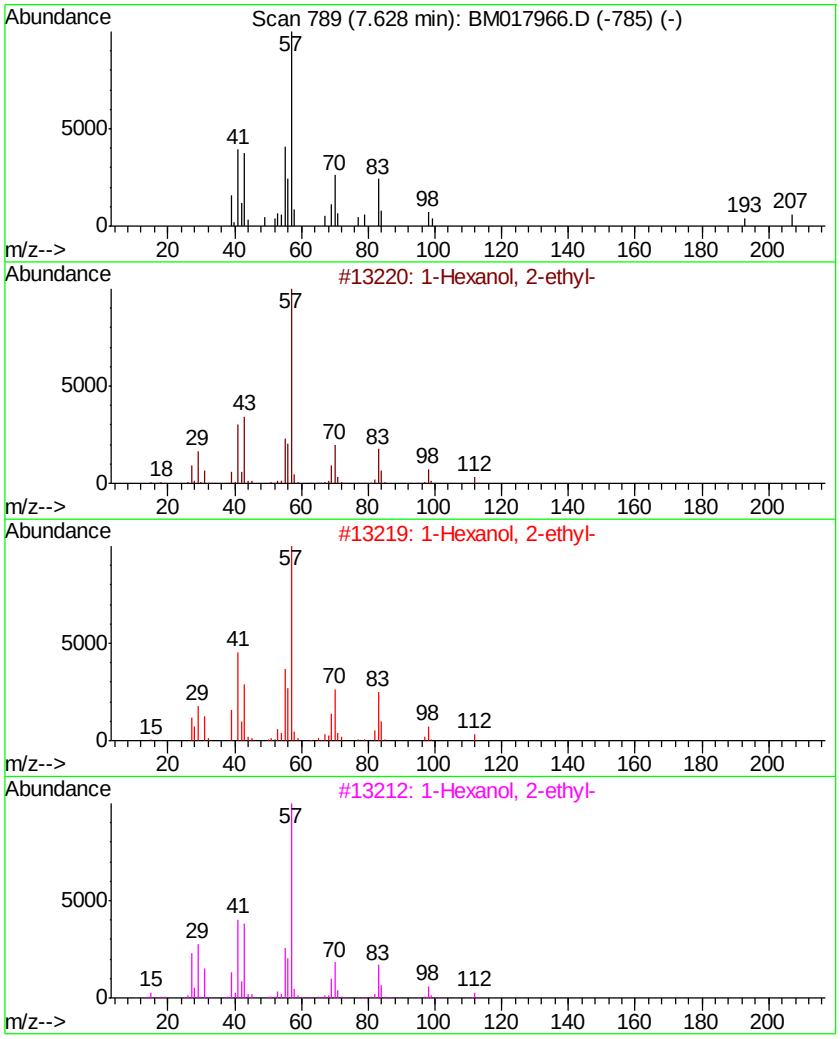
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

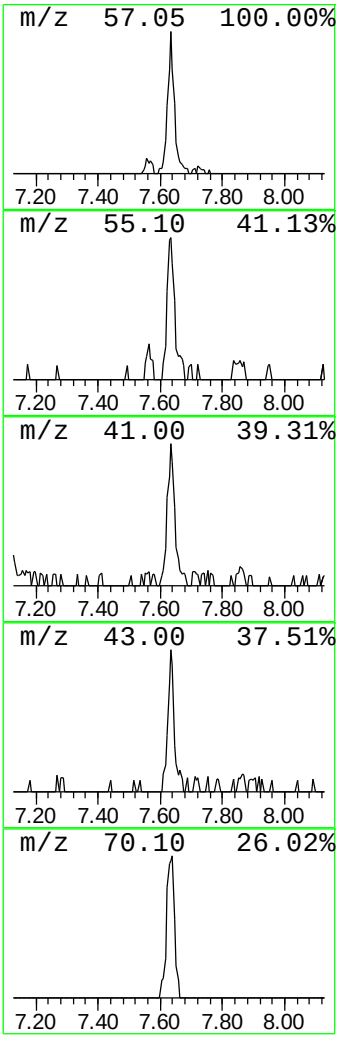
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.01 ng/ul	72670	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

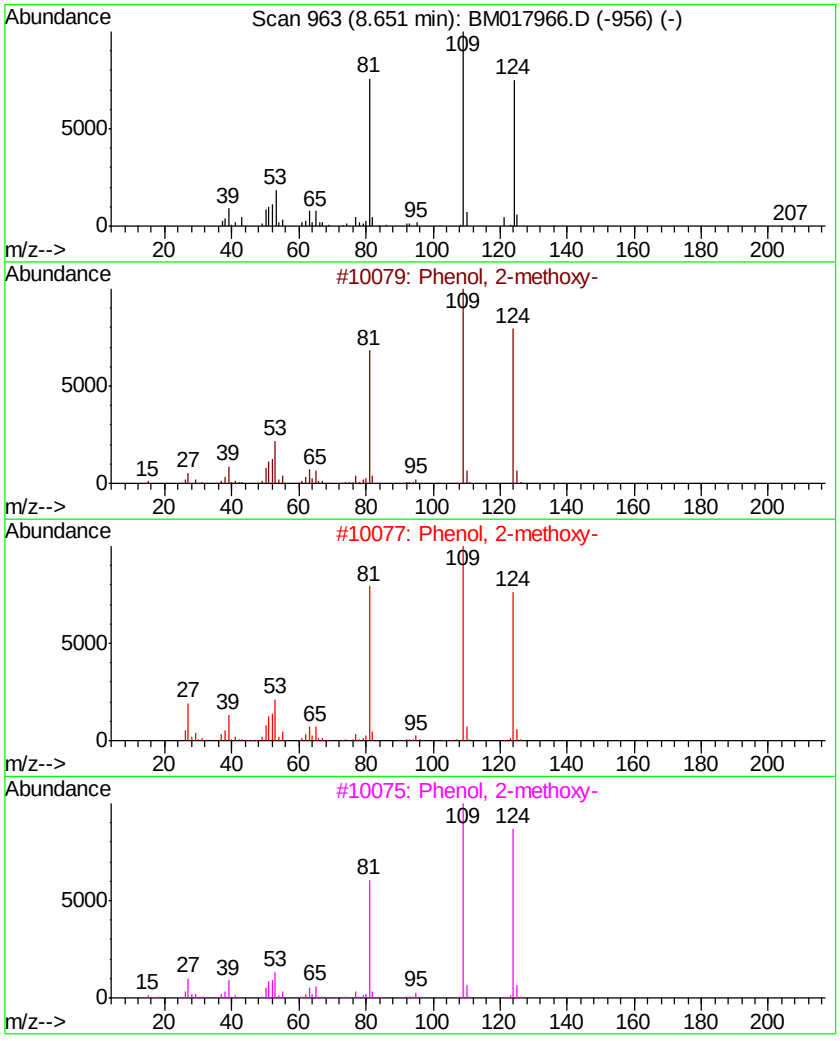
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

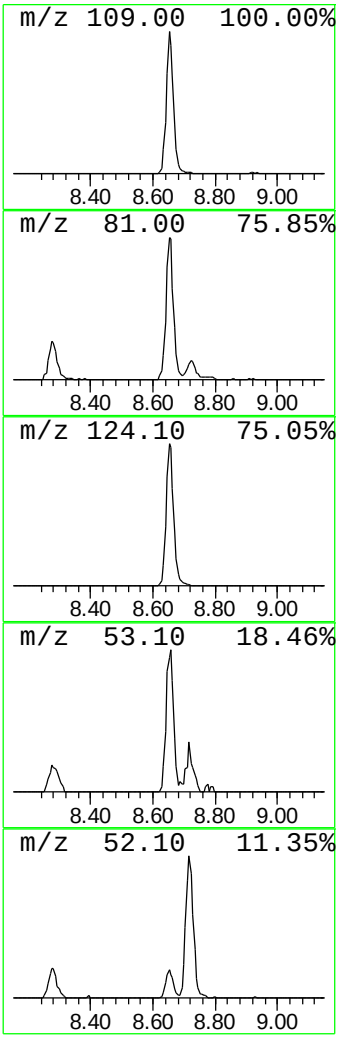
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.21 ng/ul	296652	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Mequinol	124	C7H8O2	000150-76-5	87
5	Mequinol	124	C7H8O2	000150-76-5	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

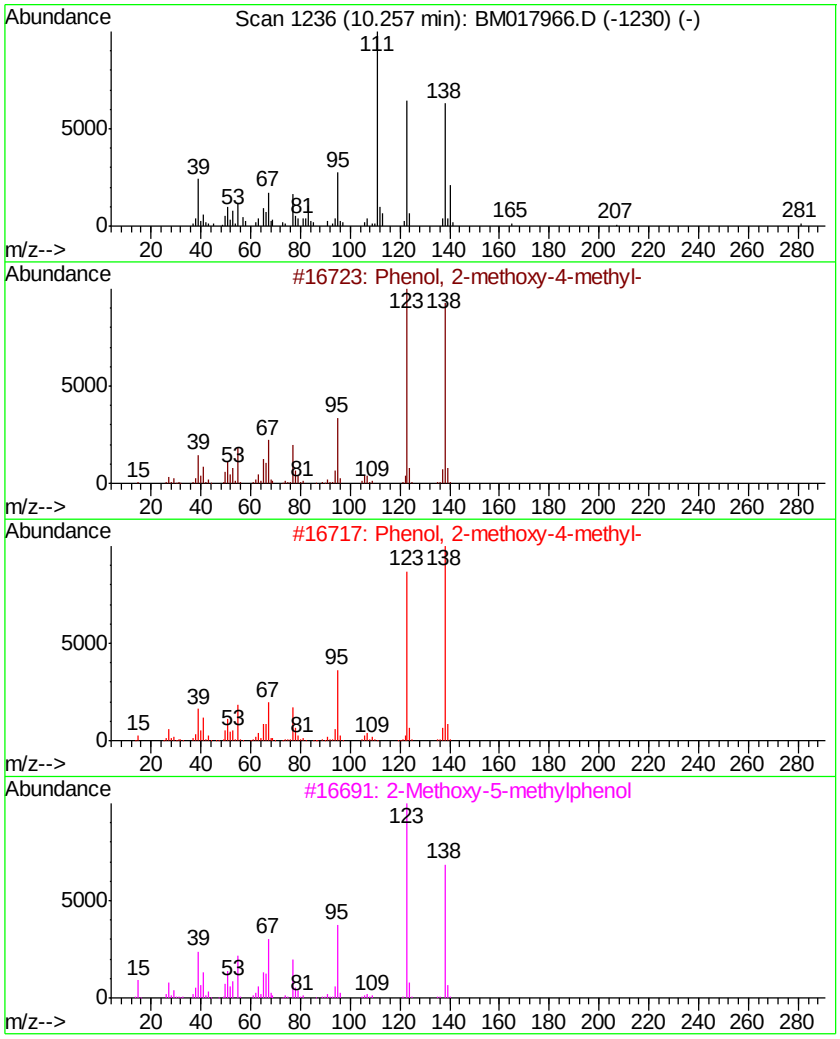
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

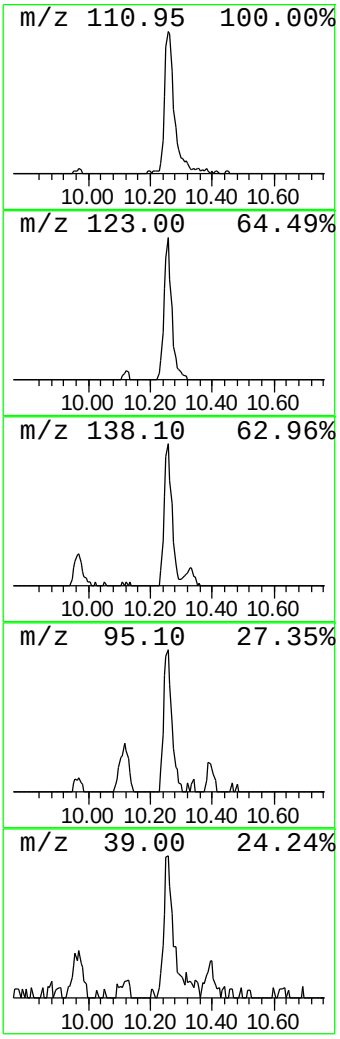
****

Peak Number 3 Phenol, 2-methoxy-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.46 ng/ul	221415	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	95
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	50
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	46
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	46
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

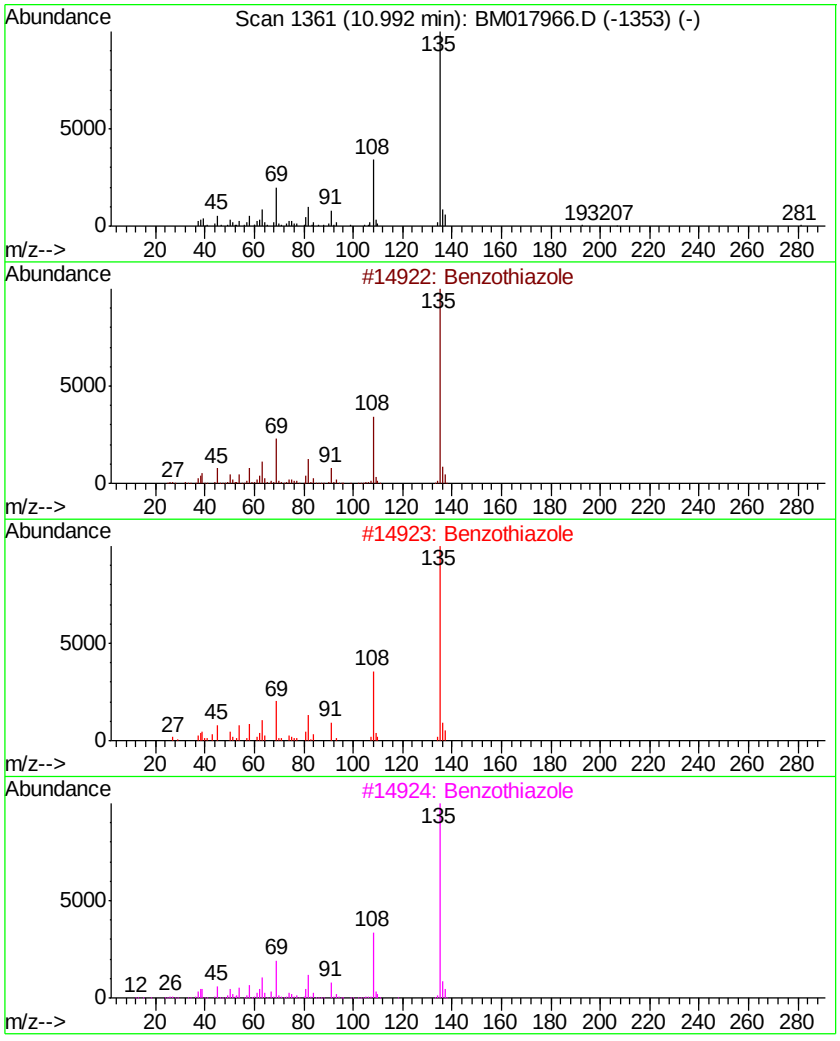
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

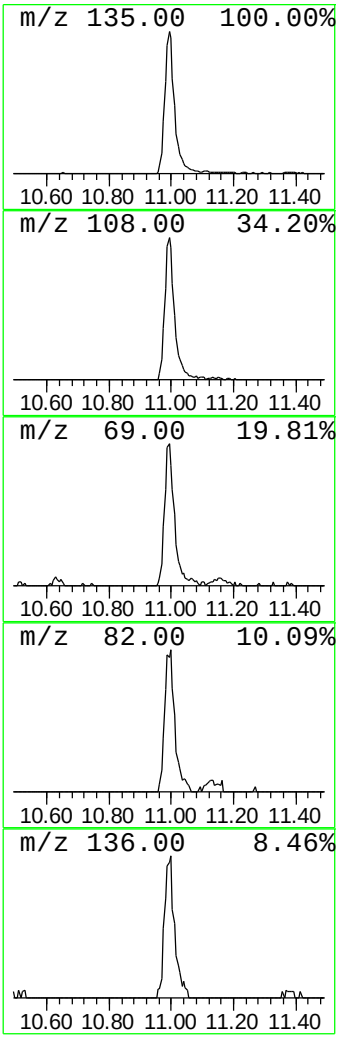
****

Peak Number 4 Benzothiazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	9.65 ng/ul	478772	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	Benzothiazole	135	C7H5NS	000095-16-9	91
3	Benzothiazole	135	C7H5NS	000095-16-9	91
4	Benzothiazole	135	C7H5NS	000095-16-9	90
5	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

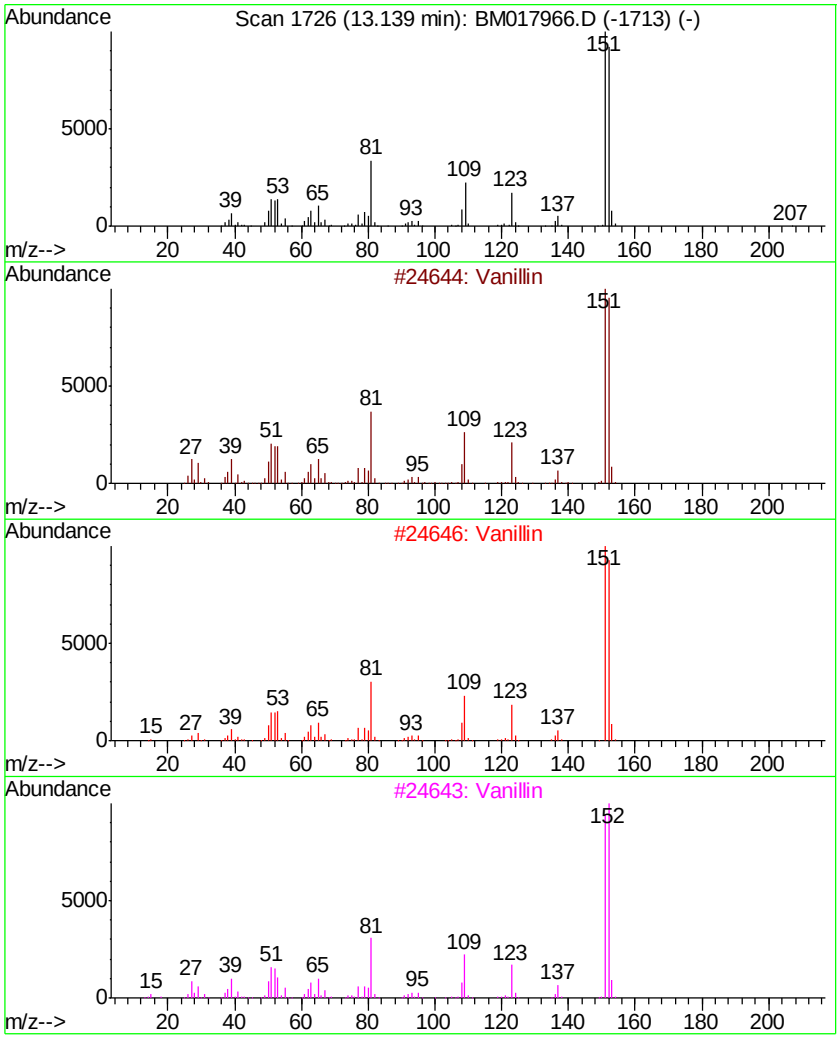
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

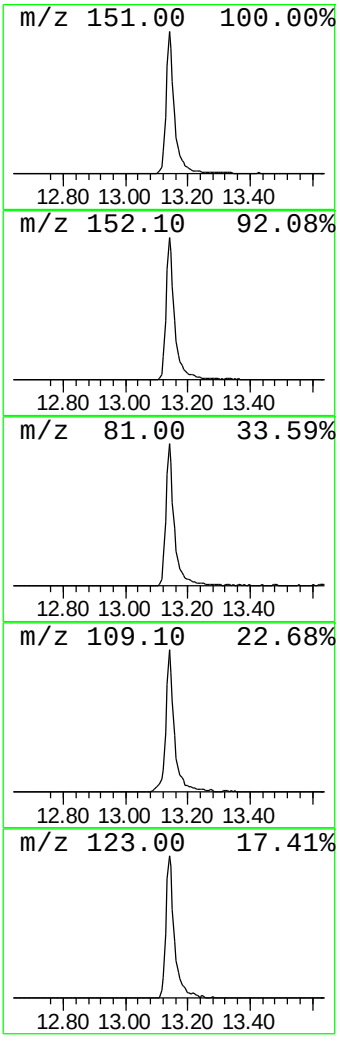
****

Peak Number 5 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	22.73 ng/ul	1329700	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	98
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	97
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

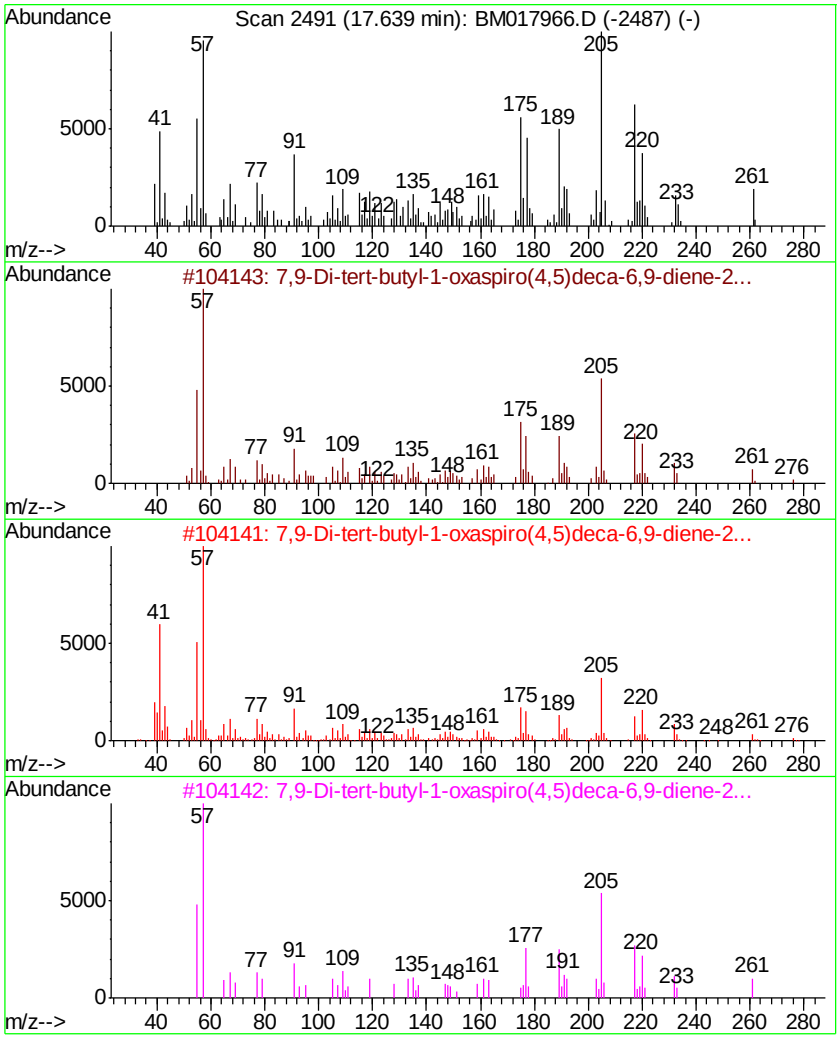
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

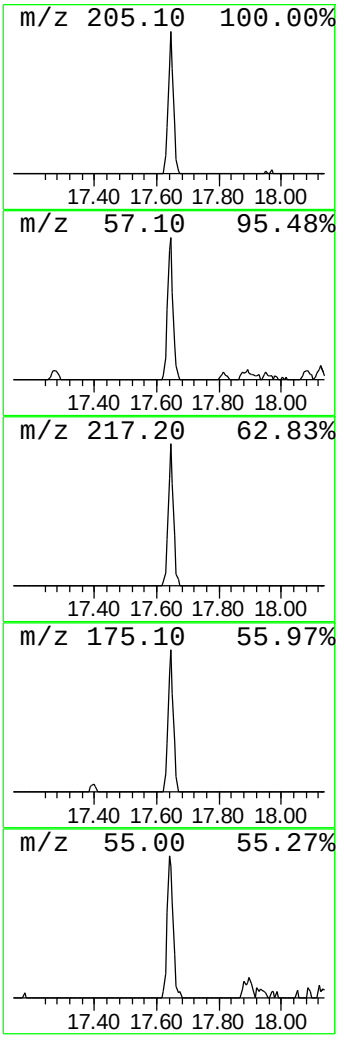
****

Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	5.09 ng/ul	318488	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	87
5	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM017966.D
Acq On : 06 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
1-Hexanol, 2-ethyl-	7.63	2.0	ng/ul	72670	1	7.56	722859	20.0
Phenol, 2-methoxy-	8.65	8.2	ng/ul	296652	1	7.56	722859	20.0
Phenol, 2-methoxy...	10.26	4.5	ng/ul	221415	2	10.33	992523	20.0
Benzothiazole	10.99	9.7	ng/ul	478772	2	10.33	992523	20.0
Vanillin	13.14	22.7	ng/ul	1329700	3	14.21	1170140	20.0
7,9-Di-tert-butyl...	17.64	5.1	ng/ul	318488	4	16.97	1252600	20.0