LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011555.D
Acq On : 14 Sep 2017 23:40
Operator : SJ/JU
Sample : I5191-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD9

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	3.393	14	18	28	rBV	118267	172072	1.99%	0.176%
2	4.040	125	128	131	rBV4	8634	10218	0.12%	0.010%
3	4.146	142	146	150	rBV	16284	21828	0.25%	0.022%
4	4.516	207	209	213	rVB5	10827	10439	0.12%	0.011%
5	5.281	335	339	347	rVB2	19922	32018	0.37%	0.033%
6	5.457	363	369	374	rBV3	16100	30722	0.35%	0.031%
7	5.504	374	377	383	rVB3	15718	26734	0.31%	0.027%
8	6.016	453	464	481	rBV	2267891	3683033	42.53%	3.771%
9	6.175	487	491	496	rVB6	11007	19644	0.23%	0.020%
10	6.628	564	568	573	rVB5	9043	13438	0.16%	0.014%
11	6.951	616	623	629	rBV6	19515	53335	0.62%	0.055%
12	7.063	637	642	646	rBV5	13391	21647	0.25%	0.022%
13	7.122	646	652	666	rVB	248748	462864	5.35%	0.474%
14	7.293	675	681	695	rBV	1157797	1898911	21.93%	1.944%
15	7.393	696	698	705	rVB5	10670	14862	0.17%	0.015%
16	7.498	710	716	733	rBV	1071313	1814938	20.96%	1.858%
17	7.975	790	797	802	rBV	1536481	2595471	29.97%	2.658%
18	8.028	802	806	817	rVB	210258	387963	4.48%	0.397%
19	8.240	834	842	843	rBV6	8072	16408	0.19%	0.017%
20	8.528	884	891	893	rBV7	6250	12160	0.14%	0.012%
21	8.587	896	901	908	rVV2	31393	62416	0.72%	0.064%
22	8.669	908	915	926	rVV	748002	1339756	15.47%	1.372%
23	8.745	926	928	932	rVV5	11541	19455	0.22%	0.020%
24	8.798	932	937	947	rVB	26881	55239	0.64%	0.057%
25	9.069	976	983	988	rBV	350489	614413	7.10%	0.629%
26	9.134	988	994	1000	rVV	1422218	2437007	28.14%	2.495%
27	9.187	1000	1003	1015	rVV	84382	188908	2.18%	0.193%
28	9.292	1015	1021	1036	rVB2	124776	257953	2.98%	0.264%
29	9.522	1055	1060	1062	rBV6	8343	11806	0.14%	0.012%
30	9.857	1108	1117	1136	rBV	1060956	1852128	21.39%	1.897%
31	10.204	1169	1176	1177	rBV5	5198	8915	0.10%	0.009%
32	10.286	1186	1190	1197	rBV6	10619	18116	0.21%	0.019%
33	10.392	1201	1208	1222	rBV	1530679	2661766	30.74%	2.726%
34	10.681	1251	1257	1266	rBV	141292	265300	3.06%	0.272%

LSC Area Percent Report

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Acq On : 14 Sep 2017 23:40
Operator : SJ/JU
Sample : I5191-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD9

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Title : SVOA CALIBRATION

35	10.775	1266	1273	1280	rVV	2220980	3884979	44.86%	3.978%
36	10.828	1280	1282	1291	rVB3	50876	73814	0.85%	0.076%
37	10.916	1293	1297	1303	rBV2	46419	92426	1.07%	0.095%
38	11.304	1355	1363	1365	rBV6	5000	9368	0.11%	0.010%
39	11.439	1379	1386	1394	rBV	42951	94549	1.09%	0.097%
40	11.551	1398	1405	1409	rBV7	26246	53230	0.61%	0.055%
41	11.757	1436	1440	1448	rBV7	17243	44032	0.51%	0.045%
42	11.939	1464	1471	1475	rBV2	32401	52887	0.61%	0.054%
43	12.045	1483	1489	1505	rBV	236019	451405	5.21%	0.462%
44	12.210	1513	1517	1521	rVB4	5443	10057	0.12%	0.010%
45	12.263	1521	1526	1532	rBV8	6508	15782	0.18%	0.016%
46	12.363	1538	1543	1551	rVB2	33182	60162	0.69%	0.062%
47	12.663	1589	1594	1599	rBV6	12055	21536	0.25%	0.022%
48	12.810	1612	1619	1625	rBV9	7034	16485	0.19%	0.017%
49	12.874	1625	1630	1638	rBV4	29192	68502	0.79%	0.070%
50	12.957	1640	1644	1652	rVB3	34062	61017	0.70%	0.062%
51	13.063	1657	1662	1666	rVV	12882	26950	0.31%	0.028%
52	13.104	1666	1669	1677	rVV6	11865	23020	0.27%	0.024%
53	13.204	1681	1686	1693	rVB	58861	92034	1.06%	0.094%
54	13.351	1704	1711	1713	rBV8	5810	10156	0.12%	0.010%
55	13.522	1729	1740	1753	rBV	1135804	1852703	21.39%	1.897%
56	13.916	1801	1807	1810	rBV6	7032	11173	0.13%	0.011%
57	13.957	1810	1814	1816	rVV	31801	42863	0.49%	0.044%
58	14.004	1816	1822	1828	rVV	3390048	4569835	52.77%	4.679%
59	14.045	1828	1829	1836	rVB2	73018	83823	0.97%	0.086%
60	14.127	1838	1843	1848	rBV9	12423	18686	0.22%	0.019%
61	14.251	1858	1864	1865	rBV4	6957	11529	0.13%	0.012%
62	14.298	1865	1872	1891	rVV	3522820	5257472	60.71%	5.384%
63	14.457	1893	1899	1909	rVB2	40613	77194	0.89%	0.079%
64	14.604	1916	1924	1932	rBV2	3344892	5157700	59.56%	5.281%
65	14.674	1932	1936	1941	rVB	32971	48880	0.56%	0.050%
66	14.792	1950	1956	1963	rBV2	118988	240059	2.77%	0.246%
67	15.180	2018	2022	2027	rVB6	7495	12979	0.15%	0.013%
68	15.268	2029	2037	2044	rVV	104771	172952	2.00%	0.177%
69	15.333	2044	2048	2052	rVV	29388	43241	0.50%	0.044%
70	15.404	2052	2060	2068	rVB3	50664	110302	1.27%	0.113%
71	15.592	2085	2092	2103	rBV	4825118	6688161	77.23%	6.849%

LSC Area Percent Report

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Acq On : 14 Sep 2017 23:40
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Sample : I5191-14
Misc :
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Instrument : BNA_M
ClientSampleId : C0AD9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Title : SVOA CALIBRATION

72	15.698	2103	2110	2123	rBV	1413900	2035224	23.50%	2.084%
73	15.833	2128	2133	2139	rVB	50106	76021	0.88%	0.078%
74	15.951	2148	2153	2161	rBV	41236	66718	0.77%	0.068%
75	16.868	2305	2309	2315	rVB6	6361	11263	0.13%	0.012%
76	16.927	2315	2319	2323	rBV4	11083	16764	0.19%	0.017%
77	17.145	2350	2356	2361	rBV3	11657	24748	0.29%	0.025%
78	17.339	2383	2389	2400	rBV2	4296485	6111759	70.58%	6.258%
79	17.439	2400	2406	2423	rVV2	5459167	7611902	87.90%	7.795%
80	17.609	2431	2435	2441	rVB	34291	46064	0.53%	0.047%
81	17.998	2495	2501	2514	rVV	963904	1255307	14.50%	1.285%
82	18.168	2527	2530	2533	rBV5	13440	15945	0.18%	0.016%
83	18.209	2533	2537	2542	rBV5	28086	40060	0.46%	0.041%
84	18.292	2547	2551	2559	rVV	63152	119920	1.38%	0.123%
85	18.421	2570	2573	2579	rBV5	14777	19947	0.23%	0.020%
86	18.474	2579	2582	2586	rBV3	38589	48042	0.55%	0.049%
87	19.362	2728	2733	2738	rBV	49651	81116	0.94%	0.083%
88	19.480	2750	2753	2759	rBV8	26954	39422	0.46%	0.040%
89	19.609	2772	2775	2784	rVB	38694	59740	0.69%	0.061%
90	19.721	2788	2794	2805	rBV	6454300	8659703	100.00%	8.868%
91	21.503	3092	3097	3104	rBV	5549146	6739092	77.82%	6.901%
92	23.727	3467	3475	3486	rBV2	4050038	7886333	91.07%	8.076%
93	23.874	3493	3500	3510	rBV2	2957569	6037677	69.72%	6.183%

Sum of corrected areas: 97656593

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011555.D
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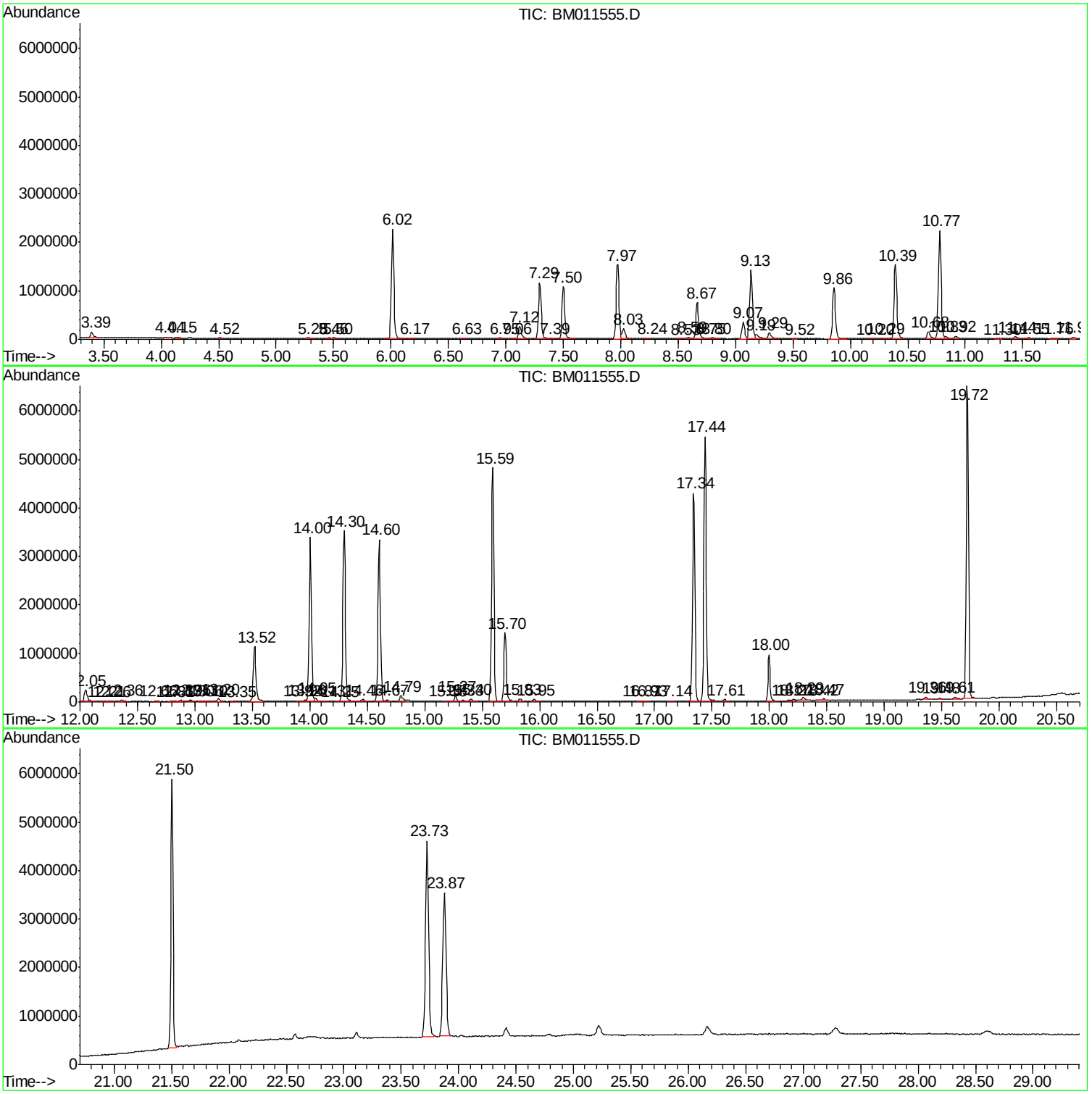
Operator : SJ/JU
Sample : I5191-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
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Quant Title : SVOA CALIBRATION

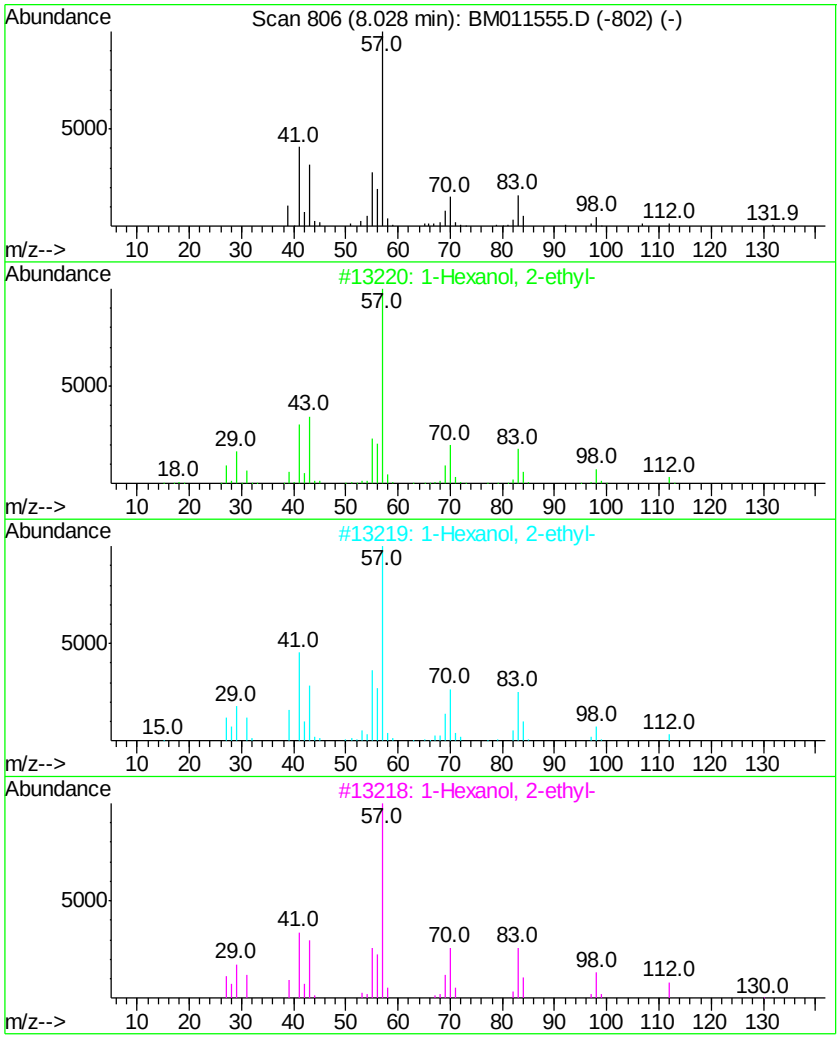
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

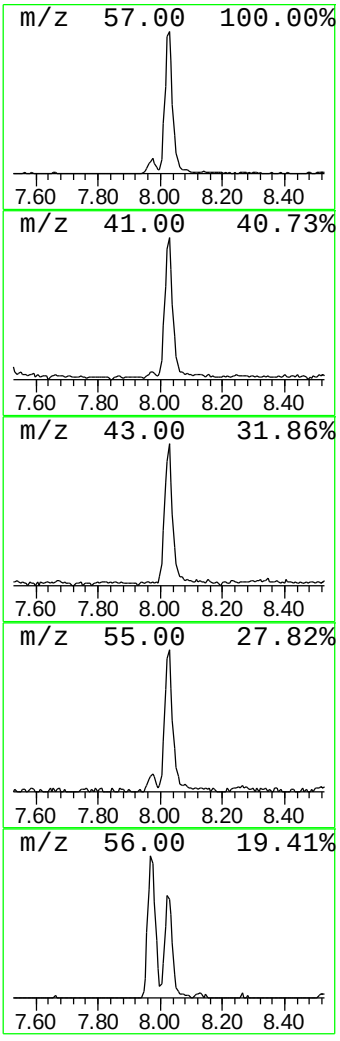
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.99 ng/ul	387963	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
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Misc :
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Instrument : BNA_M
ClientSampleId : C0AD9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

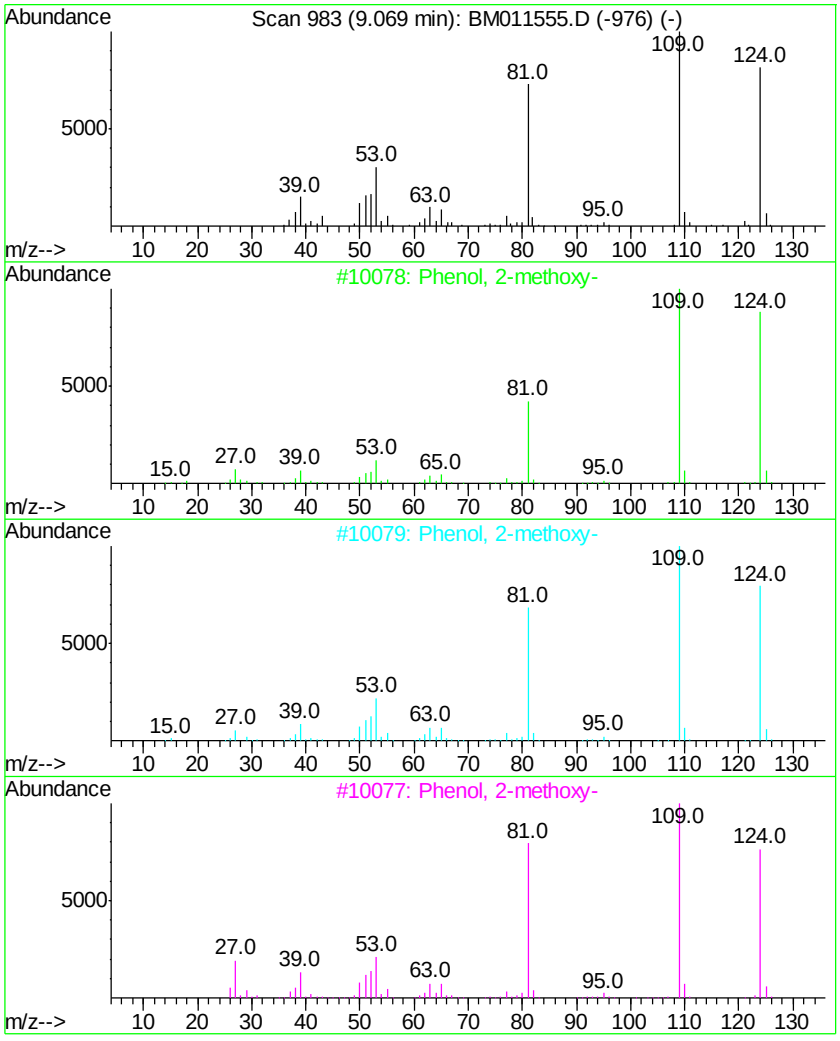
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

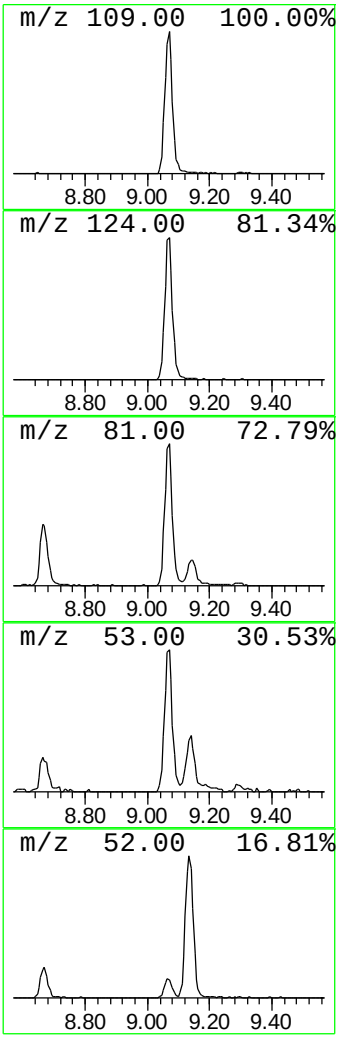
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	4.73 ng/ul	614413	1,4-Dichlorobenzene-d4	7.97

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	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
4	Mequinol	124	C7H8O2	000150-76-5	93
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

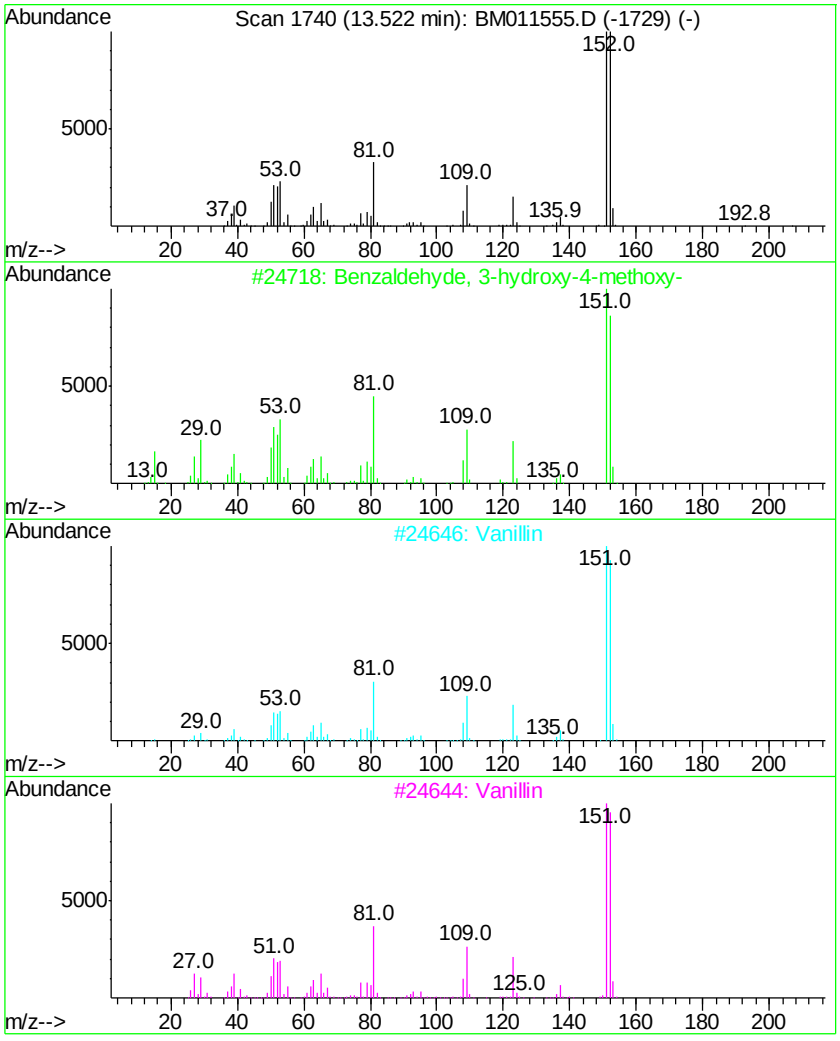
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

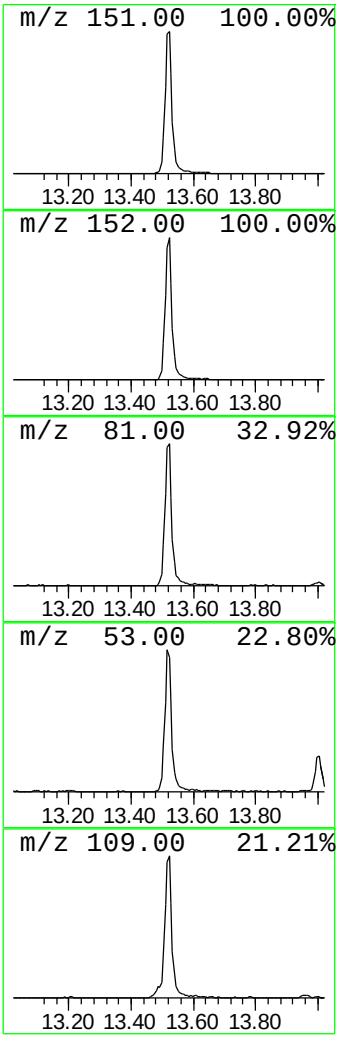
****

Peak Number 4 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	7.18 ng/ul	1852700	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
2	Vanillin	152	C8H8O3	000121-33-5	96
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Vanillin	152	C8H8O3	000121-33-5	94
5	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	91





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

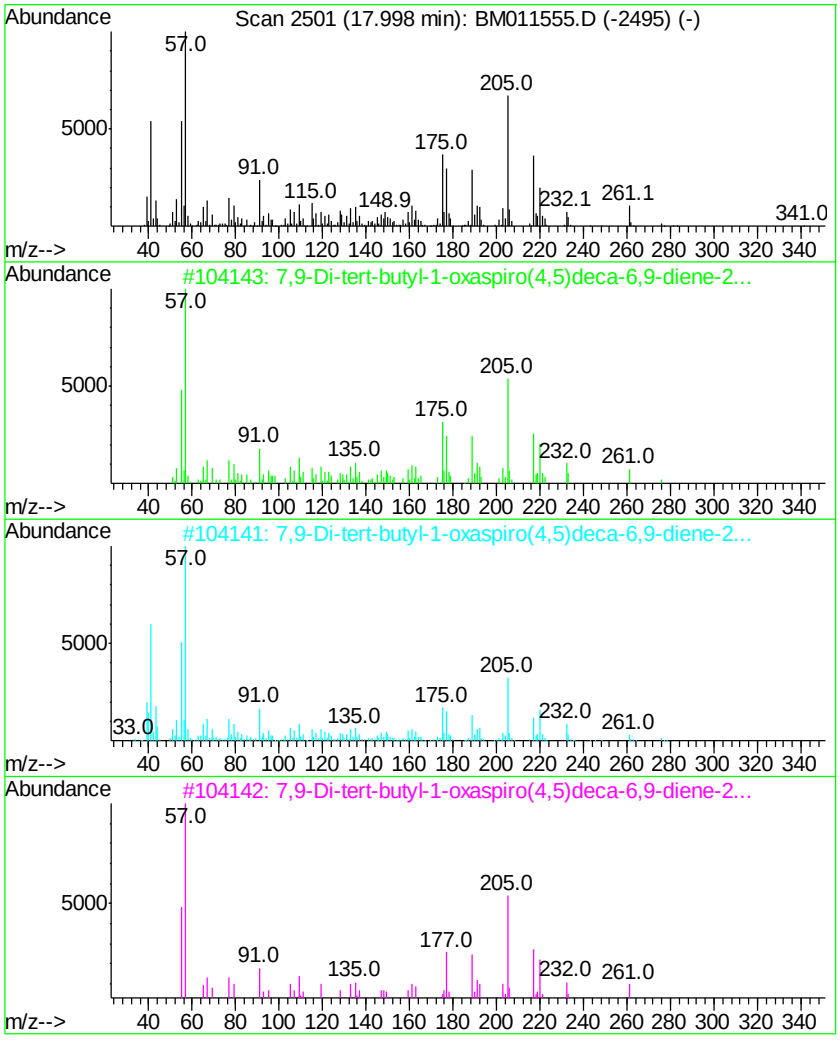
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

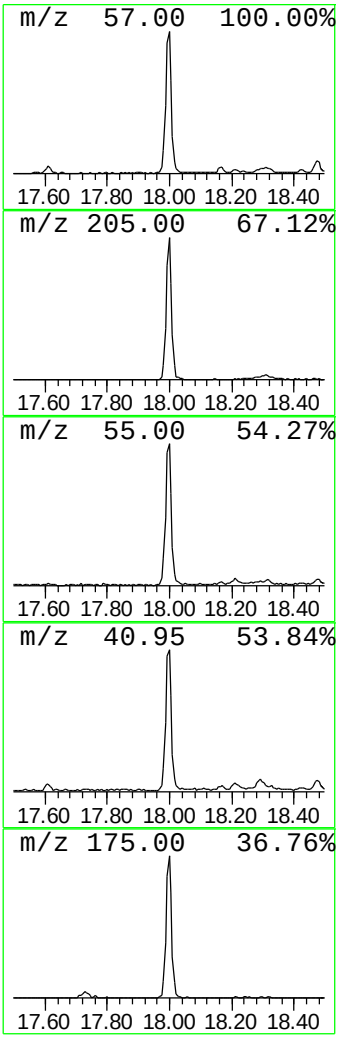
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.11 ng/ul	1255310	Phenanthrene-d10	17.34

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	89
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	30





Tentatively Identified Compound (LSC) summary

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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-	8.03	3.0	ng/ul	387963	1	7.97	2595470	20.0
Phenol, 2-methoxy-	9.07	4.7	ng/ul	614413	1	7.97	2595470	20.0
Benzaldehyde, 3-h...	13.52	7.2	ng/ul	1852700	3	14.60	5157700	20.0
7,9-Di-tert-butyl...	18.00	4.1	ng/ul	1255310	4	17.34	6111760	20.0