LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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\SOM02.2-EPA-BM072715.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	3.052	58	62	69	rBV2	3194	3908	0.19%	0.020%
2	4.151	246	249	253	rBB2	4721	5480	0.27%	0.028%
3	4.628	327	330	336	rBB	3666	5105	0.25%	0.026%
4	5.134	413	416	419	rBB	2374	2695	0.13%	0.014%
5	5.645	499	503	504	rBV2	3725	4382	0.21%	0.023%
6	5.669	504	507	513	rVB	6799	9737	0.47%	0.050%
7	6.234	601	603	606	rBB2	2002	2114	0.10%	0.011%
8	6.592	661	664	669	rBB3	1796	2658	0.13%	0.014%
9	6.734	684	688	689	rBV	15307	17414	0.85%	0.089%
10	6.763	689	693	703	rVB	58271	97684	4.75%	0.502%
11	6.928	715	721	728	rBB	215051	319505	15.53%	1.642%
12	7.116	747	753	762	rBB	238024	373198	18.13%	1.918%
13	7.587	826	833	839	rBV	239863	370334	18.00%	1.903%
14	7.645	839	843	855	rVB	39780	59193	2.88%	0.304%
15	8.204	933	938	942	rBB3	2809	4457	0.22%	0.023%
16	8.304	949	955	963	rBV	188405	304818	14.81%	1.566%
17	8.410	969	973	979	rVB2	11330	16870	0.82%	0.087%
18	8.551	993	997	1002	rBB	8397	11093	0.54%	0.057%
19	8.681	1014	1019	1025	rBV	166601	262790	12.77%	1.350%
20	8.751	1025	1031	1037	rVV	283318	458995	22.30%	2.358%
21	8.904	1054	1057	1061	rBB2	9062	10472	0.51%	0.054%
22	9.310	1122	1126	1132	rBB	13323	17608	0.86%	0.090%
23	9.469	1146	1153	1161	rBB	252997	411972	20.02%	2.117%
24	9.633	1175	1181	1185	rBB3	2868	5172	0.25%	0.027%
25	9.863	1216	1220	1226	rBB3	2312	4095	0.20%	0.021%
26	10.004	1237	1244	1254	rBV	368400	610454	29.66%	3.137%
27	10.157	1266	1270	1277	rVB2	11306	17711	0.86%	0.091%
28	10.286	1288	1292	1297	rBB2	2557	3999	0.19%	0.021%
29	10.375	1300	1307	1313	rBV	341361	554295	26.93%	2.848%
30	10.428	1313	1316	1320	rVB3	7084	10007	0.49%	0.051%
31	10.522	1327	1332	1338	rBB	14774	22349	1.09%	0.115%
32	10.680	1356	1359	1361	rBB2	4224	4230	0.21%	0.022%
33	10.916	1394	1399	1402	rBB	1790	2534	0.12%	0.013%
34	11.033	1413	1419	1423	rBV	6541	10573	0.51%	0.054%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	11.175	1438	1443	1446	rBV2	3585	4522	0.22%	0.023%
36	11.557	1503	1508	1511	rBB2	3616	4941	0.24%	0.025%
37	11.633	1516	1521	1526	rBB	6476	8553	0.42%	0.044%
38	11.733	1534	1538	1541	rVB	2412	2941	0.14%	0.015%
39	12.586	1678	1683	1692	rBV2	22049	38681	1.88%	0.199%
40	12.845	1722	1727	1732	rBV	50929	69252	3.37%	0.356%
41	13.169	1773	1782	1790	rBB	86106	131320	6.38%	0.675%
42	13.568	1846	1850	1853	rBB	2115	2767	0.13%	0.014%
43	13.668	1860	1867	1873	rBV	747264	1046578	50.86%	5.378%
44	13.780	1883	1886	1891	rVB	1736	2352	0.11%	0.012%
45	13.945	1907	1914	1923	rBV	842447	1219295	59.25%	6.265%
46	14.116	1939	1943	1950	rBV	8558	11554	0.56%	0.059%
47	14.251	1960	1966	1974	rBV2	533760	818724	39.78%	4.207%
48	14.333	1977	1980	1985	rVB2	3544	3523	0.17%	0.018%
49	14.474	2000	2004	2017	rVB	52147	81739	3.97%	0.420%
50	14.851	2064	2068	2074	rVB	13793	17254	0.84%	0.089%
51	14.945	2079	2084	2086	rVV2	2093	3390	0.16%	0.017%
52	14.974	2086	2089	2091	rVV	8814	11837	0.58%	0.061%
53	14.998	2091	2093	2098	rVV	13898	17456	0.85%	0.090%
54	15.051	2098	2102	2105	rVV	13461	18061	0.88%	0.093%
55	15.080	2105	2107	2111	rVB	18137	20179	0.98%	0.104%
56	15.251	2128	2136	2143	rVB	1149714	1547181	75.18%	7.950%
57	15.380	2153	2158	2172	rBV	336102	485042	23.57%	2.492%
58	15.492	2172	2177	2180	rVB2	3653	4698	0.23%	0.024%
59	15.621	2194	2199	2202	rBV	5881	7103	0.35%	0.036%
60	16.068	2270	2275	2285	rVV2	3814	6688	0.32%	0.034%
61	16.145	2285	2288	2292	rVB2	3454	3958	0.19%	0.020%
62	16.262	2304	2308	2315	rVB3	1805	3105	0.15%	0.016%
63	16.792	2393	2398	2401	rBV	1649	2499	0.12%	0.013%
64	17.004	2428	2434	2440	rBV	731946	1028260	49.97%	5.283%
65	17.104	2444	2451	2459	rBV	1247202	1722141	83.68%	8.849%
66	17.286	2476	2482	2487	rVB2	8638	11642	0.57%	0.060%
67	17.592	2530	2534	2537	rVB	2393	2164	0.11%	0.011%
68	17.668	2542	2547	2553	rBV	169356	199753	9.71%	1.026%
69	17.898	2582	2586	2591	rBV2	6256	8489	0.41%	0.044%
70	17.968	2594	2598	2603	rVV	13852	16798	0.82%	0.086%
71	18.145	2626	2628	2633	rVB3	1510	2160	0.10%	0.011%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	18.709	2722	2724	2729	rVB4	1240	2125	0.10%	0.011%
73	18.874	2748	2752	2755	rVB2	3180	4707	0.23%	0.024%
74	19.292	2817	2823	2828	rBV	9260	12159	0.59%	0.062%
75	19.339	2828	2831	2836	rBV2	2522	2941	0.14%	0.015%
76	19.409	2836	2843	2850	rBV	1509019	2057943	100.00%	10.574%
77	19.650	2879	2884	2889	rVB4	2544	5373	0.26%	0.028%
78	19.956	2933	2936	2938	rBV4	3225	3117	0.15%	0.016%
79	20.133	2964	2966	2969	rBV3	2217	2626	0.13%	0.013%
80	20.409	3010	3013	3018	rVB5	7232	8877	0.43%	0.046%
81	20.756	3069	3072	3076	rBV2	17631	17913	0.87%	0.092%
82	20.997	3109	3113	3116	rBV4	15069	18945	0.92%	0.097%
83	21.209	3143	3149	3154	rBV	1002061	1285015	62.44%	6.603%
84	22.233	3318	3323	3332	rBV	341408	444434	21.60%	2.284%
85	23.268	3491	3499	3509	rBV	1053219	1856298	90.20%	9.538%
86	23.409	3516	3523	3529	rVB	619447	1135151	55.16%	5.833%

Sum of corrected areas: 19462125

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
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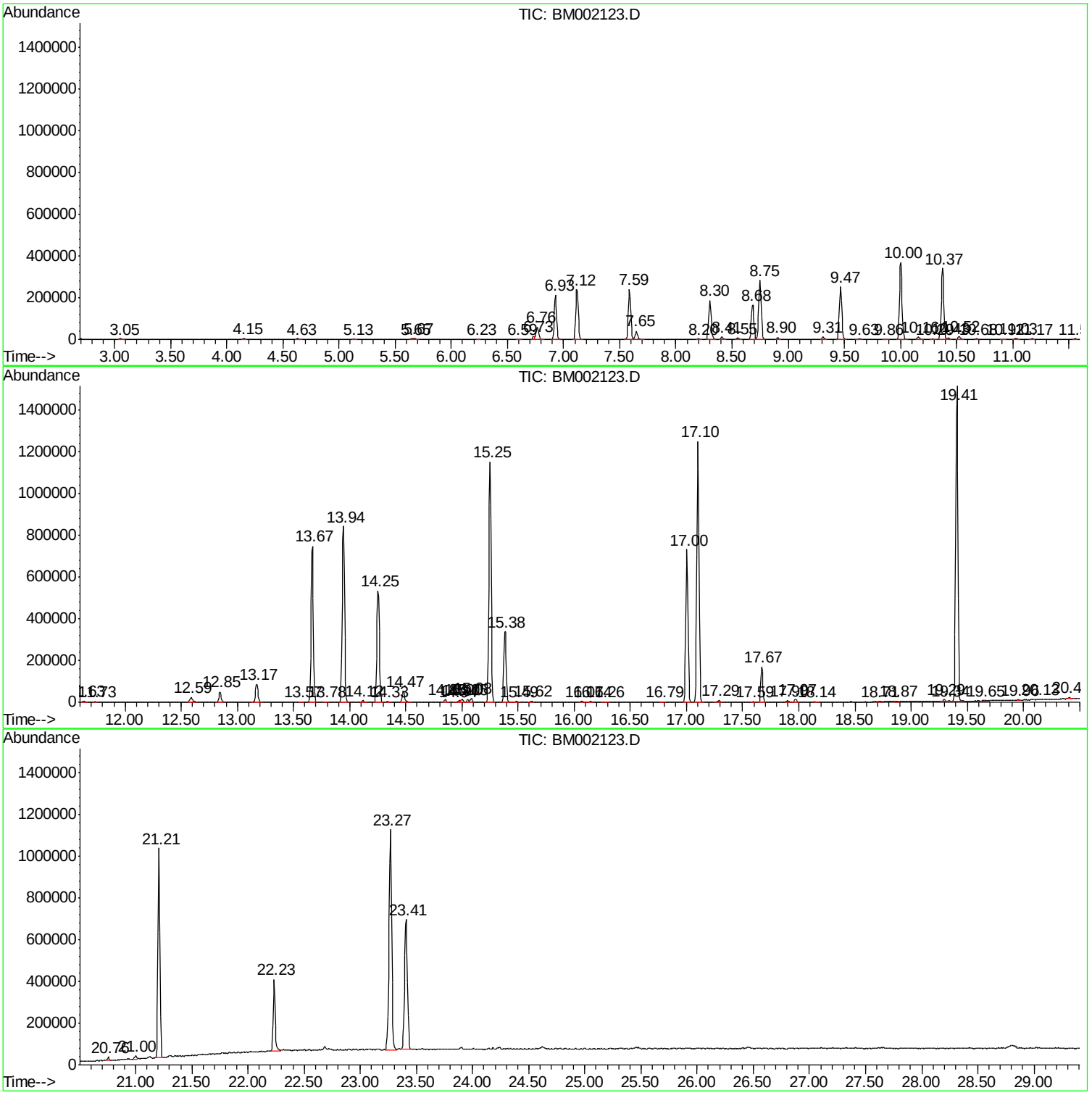
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

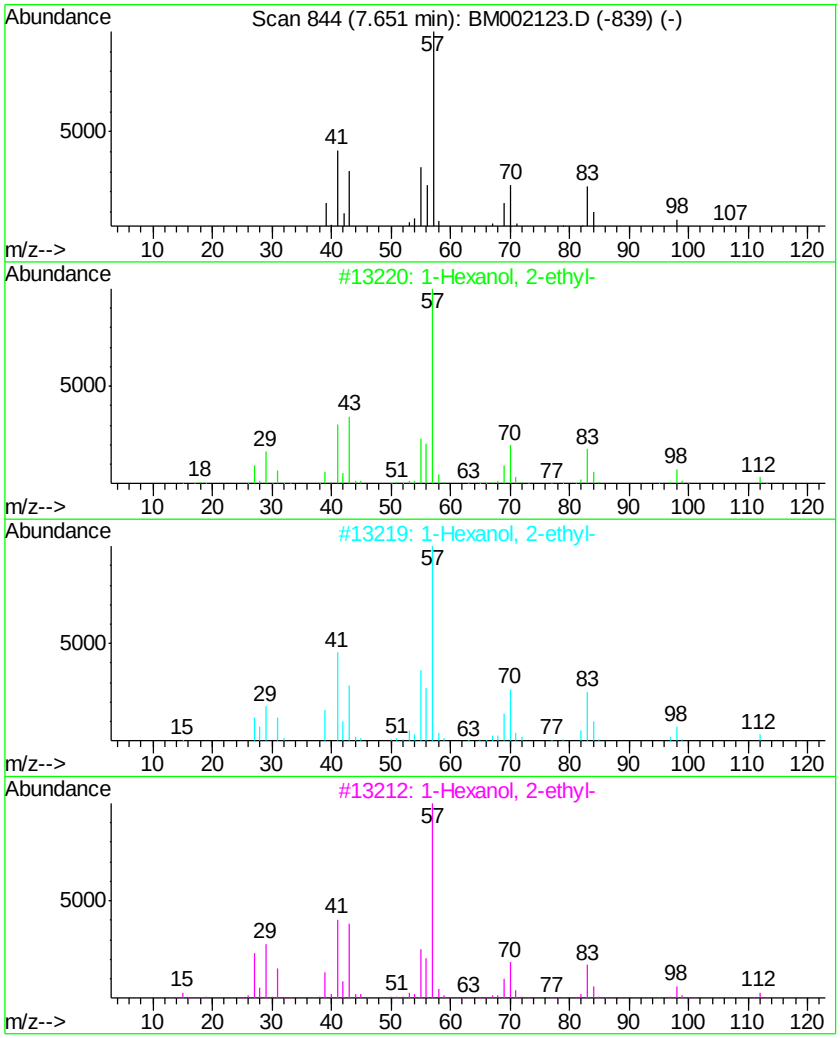
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

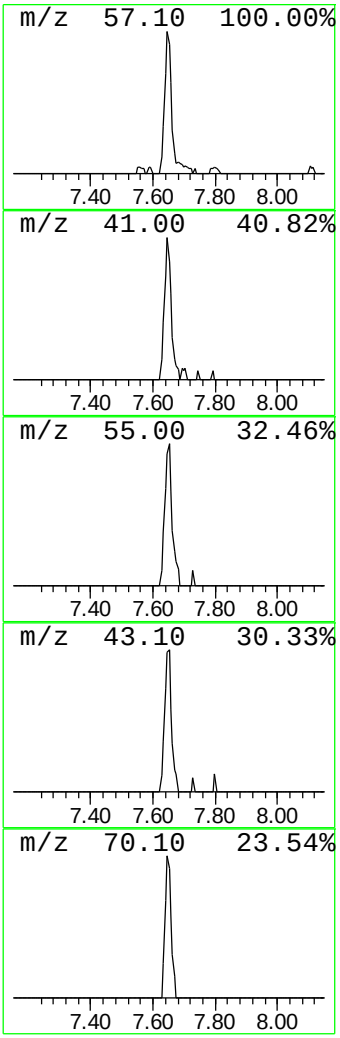
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.20 ng/ul	59193	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

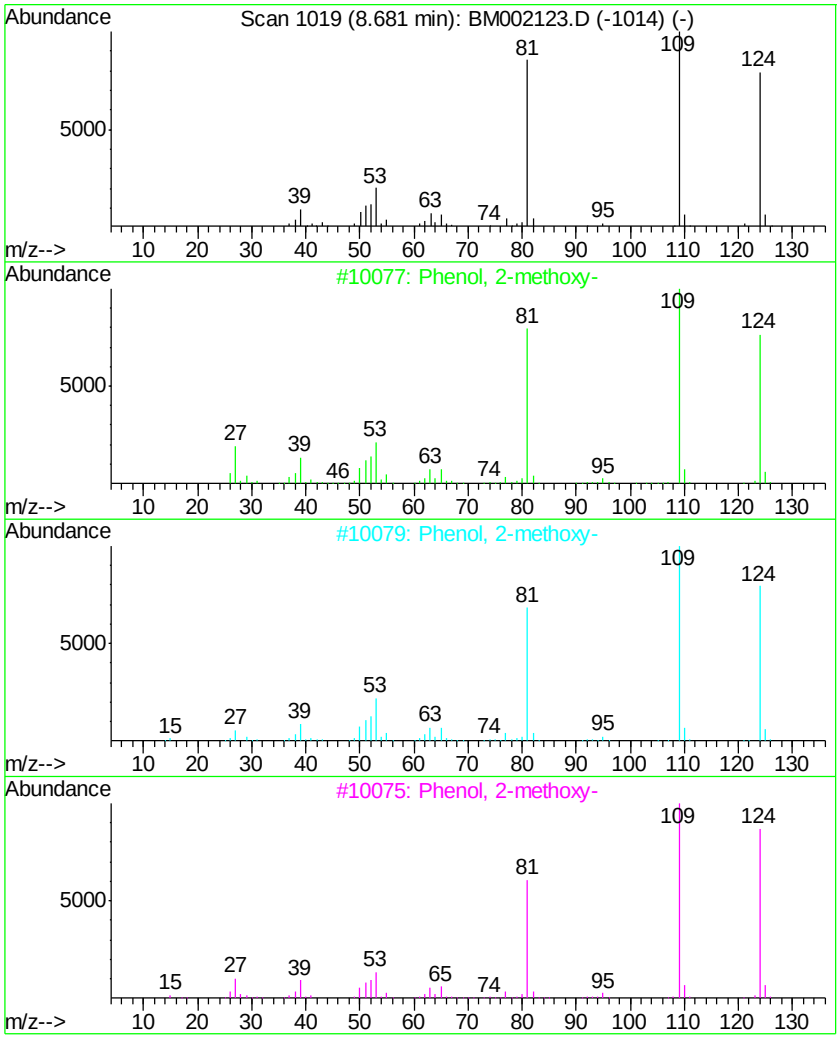
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

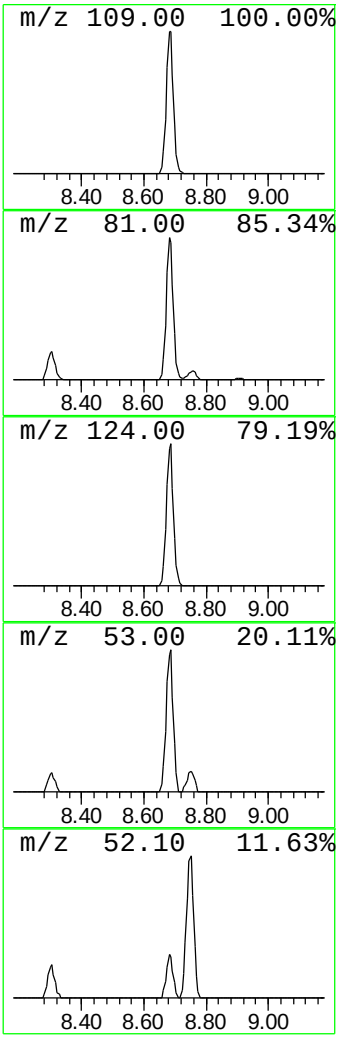
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	14.19 ng/ul	262790	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

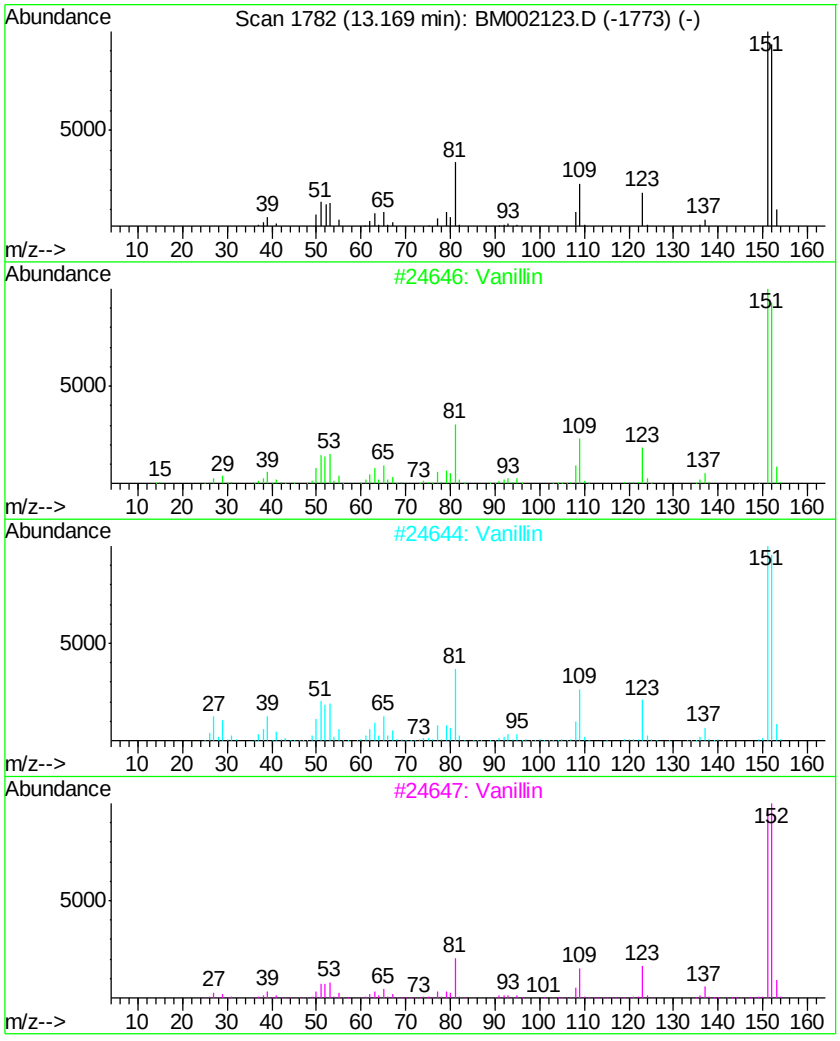
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

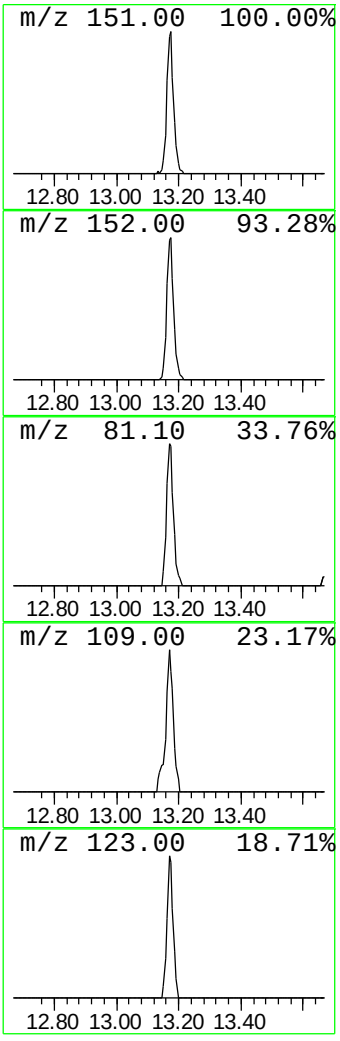
****

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.21 ng/ul	131320	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Vanillin	152	C8H8O3	000121-33-5	95
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

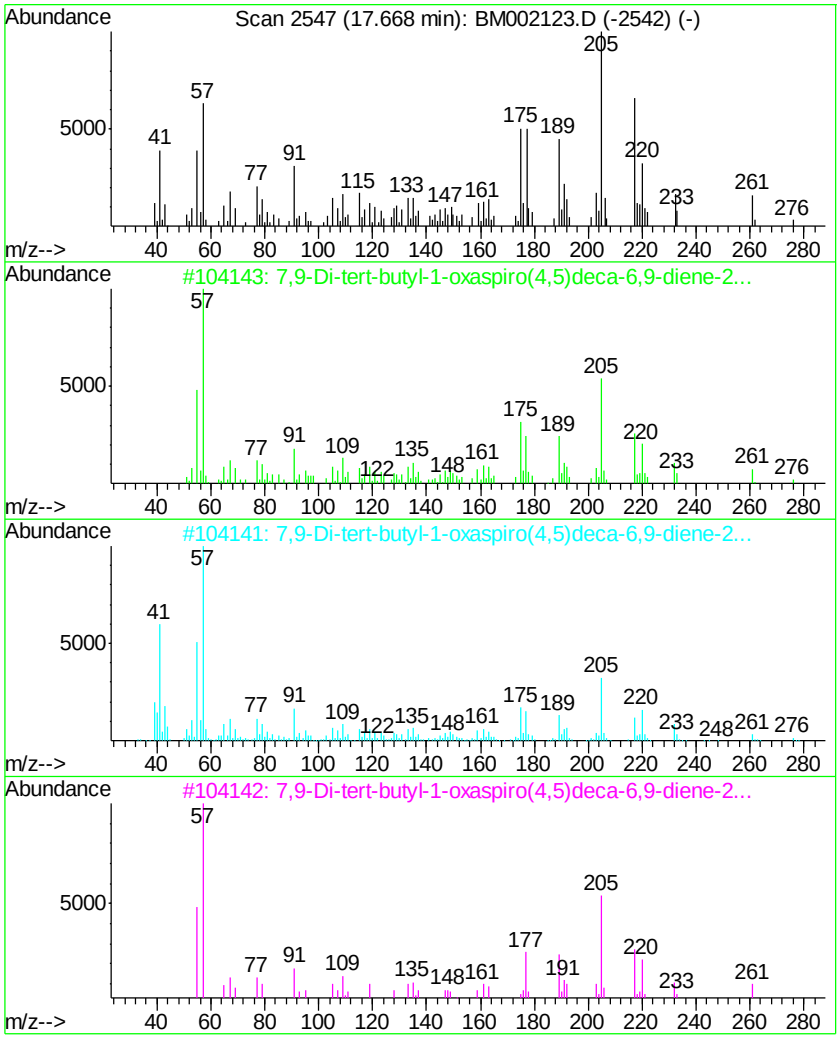
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

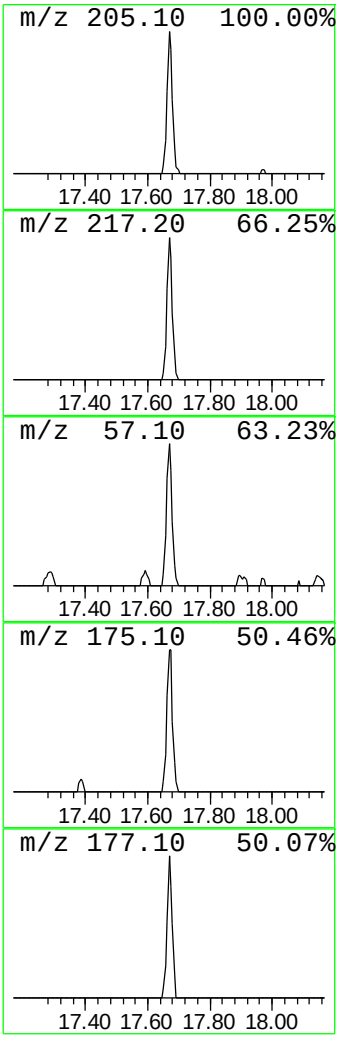
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.89 ng/ul	199753	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
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	50
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

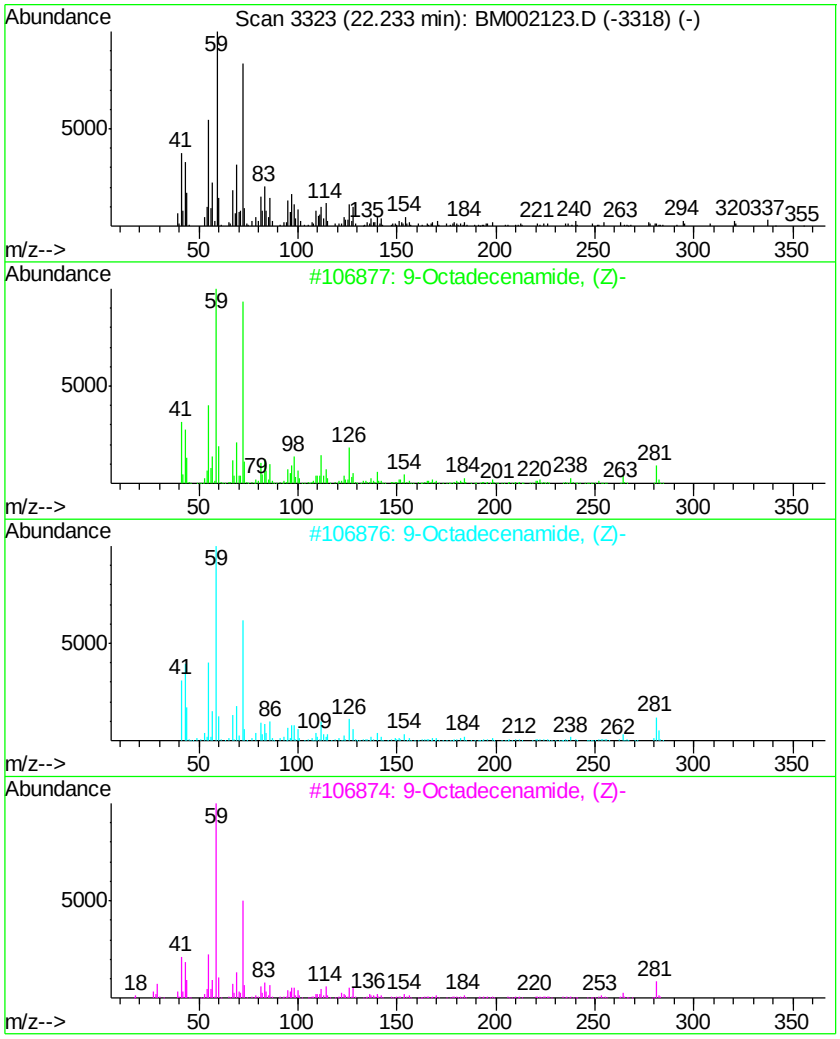
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

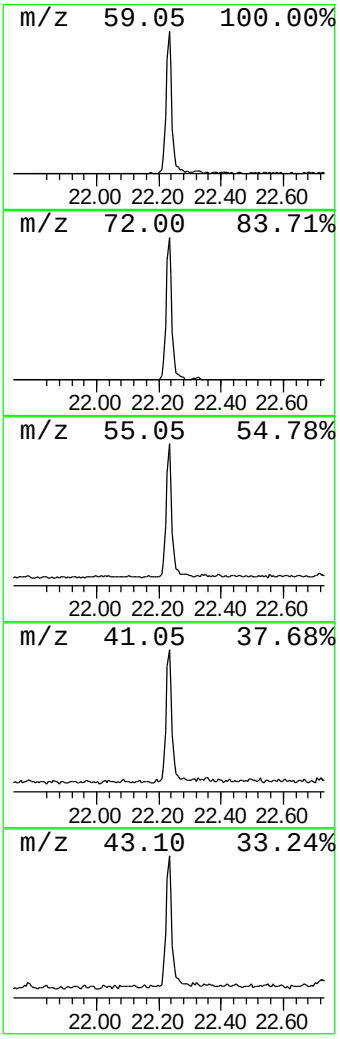
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	6.92 ng/ul	444434	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	52
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
4	Octadecanamide	283	C18H37NO	000124-26-5	47
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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-	7.65	3.2	ng/ul	59193	1	7.59	370334	20.0
Phenol, 2-methoxy-	8.68	14.2	ng/ul	262790	1	7.59	370334	20.0
Vanillin	13.17	3.2	ng/ul	131320	3	14.25	818724	20.0
7,9-Di-tert-butyl...	17.67	3.9	ng/ul	199753	4	17.00	1028260	20.0
9-Octadecenamide,...	22.23	6.9	ng/ul	444434	5	21.21	1285020	20.0