LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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_G\METHODS\SOM02.2-EPA-BG072315.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	5.604	494	496	500	rVB	6393	6722	0.39%	0.042%
2	6.655	672	675	677	rBV2	9656	11322	0.66%	0.070%
3	6.691	677	681	690	rVB	43973	72862	4.22%	0.450%
4	6.855	703	709	717	rVB	155886	240547	13.95%	1.487%
5	7.043	735	741	747	rVB	182031	279937	16.23%	1.731%
6	7.507	814	820	826	rBV	172507	260648	15.11%	1.611%
7	7.578	827	832	838	rVB	33989	51562	2.99%	0.319%
8	8.124	921	925	928	rBV5	2728	4680	0.27%	0.029%
9	8.224	936	942	949	rBV	150014	233584	13.54%	1.444%
10	8.330	956	960	966	rVB	9982	15967	0.93%	0.099%
11	8.483	982	986	991	rVB2	8296	11921	0.69%	0.074%
12	8.600	1001	1006	1011	rBV	123897	192372	11.15%	1.189%
13	8.659	1011	1016	1023	rVB	208407	334799	19.41%	2.070%
14	8.829	1042	1045	1052	rVB4	10050	15720	0.91%	0.097%
15	9.041	1080	1081	1085	rVB2	1855	1840	0.11%	0.011%
16	9.099	1088	1091	1096	rVB3	1850	2446	0.14%	0.015%
17	9.240	1110	1115	1119	rVB4	10685	16507	0.96%	0.102%
18	9.382	1132	1139	1148	rVV	182665	303039	17.57%	1.873%
19	9.446	1148	1150	1154	rVB2	1627	1762	0.10%	0.011%
20	9.564	1166	1170	1175	rVB5	4151	7881	0.46%	0.049%
21	9.617	1175	1179	1181	rVB2	1914	1999	0.12%	0.012%
22	9.658	1181	1186	1187	rBV3	1527	2401	0.14%	0.015%
23	9.775	1202	1206	1208	rBV3	1764	1894	0.11%	0.012%
24	9.810	1208	1212	1215	rVV2	2676	3394	0.20%	0.021%
25	9.916	1224	1230	1239	rVB	292111	458164	26.57%	2.832%
26	10.081	1253	1258	1263	rVB5	14116	22386	1.30%	0.138%
27	10.210	1275	1280	1284	rVV6	3383	6609	0.38%	0.041%
28	10.292	1287	1294	1300	rBV	278259	451726	26.19%	2.793%
29	10.339	1300	1302	1309	rVB4	7608	13940	0.81%	0.086%
30	10.433	1313	1318	1324	rVB2	14778	23828	1.38%	0.147%
31	10.598	1341	1346	1352	rVB4	5203	8448	0.49%	0.052%
32	10.815	1380	1383	1385	rBV2	2001	1815	0.11%	0.011%
33	10.850	1387	1389	1394	rVB4	2973	3733	0.22%	0.023%
34	10.903	1394	1398	1400	rBV3	2484	3387	0.20%	0.021%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

35	10.938	1400	1404	1408	rVV	9169	13052	0.76%	0.081%
36	10.980	1409	1411	1417	rVV5	2927	3523	0.20%	0.022%
37	11.044	1419	1422	1425	rVB2	1385	1762	0.10%	0.011%
38	11.479	1490	1496	1499	rBV4	4876	7884	0.46%	0.049%
39	11.597	1511	1516	1519	rBV3	6771	9181	0.53%	0.057%
40	11.661	1522	1527	1529	rVB3	3207	5086	0.29%	0.031%
41	12.067	1593	1596	1600	rBV3	2060	3309	0.19%	0.020%
42	12.225	1618	1623	1625	rVB2	1375	1902	0.11%	0.012%
43	12.402	1650	1653	1656	rBV4	2920	3386	0.20%	0.021%
44	12.519	1668	1673	1682	rVB2	28287	45012	2.61%	0.278%
45	12.631	1688	1692	1697	rVB4	1711	2489	0.14%	0.015%
46	12.783	1713	1718	1727	rVB	47430	69290	4.02%	0.428%
47	13.095	1765	1771	1780	rBV	77423	115995	6.73%	0.717%
48	13.512	1837	1842	1846	rVB4	2856	4360	0.25%	0.027%
49	13.600	1850	1857	1864	rBV	634129	855706	49.62%	5.290%
50	13.723	1875	1878	1883	rBV3	3525	4884	0.28%	0.030%
51	13.870	1894	1903	1910	rBV	650520	991967	57.52%	6.133%
52	14.047	1924	1933	1938	rBV2	8368	12213	0.71%	0.076%
53	14.182	1948	1956	1963	rBV2	471768	718538	41.66%	4.442%
54	14.276	1967	1972	1975	rVB2	3649	5035	0.29%	0.031%
55	14.399	1985	1993	2000	rBV	47096	75074	4.35%	0.464%
56	14.458	2000	2003	2007	rVB4	2097	2903	0.17%	0.018%
57	14.793	2054	2060	2065	rBV	14367	20522	1.19%	0.127%
58	14.940	2077	2085	2090	rVB3	15808	31918	1.85%	0.197%
59	14.998	2090	2095	2096	rBV	14711	15468	0.90%	0.096%
60	15.181	2120	2126	2137	rVB	921750	1286431	74.59%	7.953%
61	15.310	2142	2148	2155	rVV	278755	369668	21.44%	2.285%
62	15.363	2155	2157	2160	rVV2	2527	2271	0.13%	0.014%
63	15.416	2164	2166	2170	rVB2	4728	5348	0.31%	0.033%
64	15.551	2185	2189	2196	rVB2	6544	10067	0.58%	0.062%
65	15.997	2263	2265	2270	rVB2	2493	2699	0.16%	0.017%
66	16.091	2277	2281	2285	rBV3	4489	6094	0.35%	0.038%
67	16.132	2285	2288	2292	rVB4	1585	1937	0.11%	0.012%
68	16.203	2297	2300	2303	rBV2	2182	2659	0.15%	0.016%
69	16.309	2316	2318	2321	rVB2	2078	1931	0.11%	0.012%
70	16.538	2353	2357	2358	rBV3	1832	1881	0.11%	0.012%
71	16.720	2384	2388	2392	rBV2	2876	3420	0.20%	0.021%

LSC Area Percent Report

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Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

72	16.937	2418	2425	2435	rVB2	643746	911260	52.84%	5.634%
73	17.037	2435	2442	2451	rBV	1006421	1442161	83.62%	8.916%
74	17.237	2472	2476	2481	rBV2	9051	11553	0.67%	0.071%
75	17.548	2527	2529	2533	rVB4	3017	2998	0.17%	0.019%
76	17.619	2536	2541	2548	rVB	174165	219398	12.72%	1.356%
77	17.783	2566	2569	2571	rBV4	1695	2038	0.12%	0.013%
78	17.854	2578	2581	2585	rBV3	2410	3867	0.22%	0.024%
79	17.924	2588	2593	2598	rVV	13740	17341	1.01%	0.107%
80	18.101	2619	2623	2625	rBV4	2010	2016	0.12%	0.012%
81	18.224	2641	2644	2648	rBV3	1213	2087	0.12%	0.013%
82	18.823	2743	2746	2751	rVB4	4600	5167	0.30%	0.032%
83	19.164	2801	2804	2806	rBV3	1257	1808	0.10%	0.011%
84	19.229	2811	2815	2821	rVB2	8577	11741	0.68%	0.073%
85	19.346	2828	2835	2845	rBV	1352517	1724585	100.00%	10.662%
86	19.581	2873	2875	2878	rVB4	2928	3124	0.18%	0.019%
87	19.928	2930	2934	2936	rBV3	1506	1962	0.11%	0.012%
88	20.263	2987	2991	2992	rVB4	2814	2896	0.17%	0.018%
89	20.280	2992	2994	2996	rBV2	3244	3767	0.22%	0.023%
90	20.375	3006	3010	3014	rBV6	5361	8477	0.49%	0.052%
91	20.615	3049	3051	3054	rBV4	1662	1934	0.11%	0.012%
92	20.715	3065	3068	3073	rBV4	9210	10129	0.59%	0.063%
93	20.933	3102	3105	3110	rBV4	12263	15774	0.91%	0.098%
94	21.074	3125	3129	3132	rBV5	7416	9497	0.55%	0.059%
95	21.138	3135	3140	3147	rBV	855391	1089488	63.17%	6.735%
96	22.184	3313	3318	3329	rBV2	116368	196569	11.40%	1.215%
97	23.189	3482	3489	3503	rVB	885602	1624608	94.20%	10.044%
98	23.330	3506	3513	3523	rVB2	591357	1064446	61.72%	6.581%

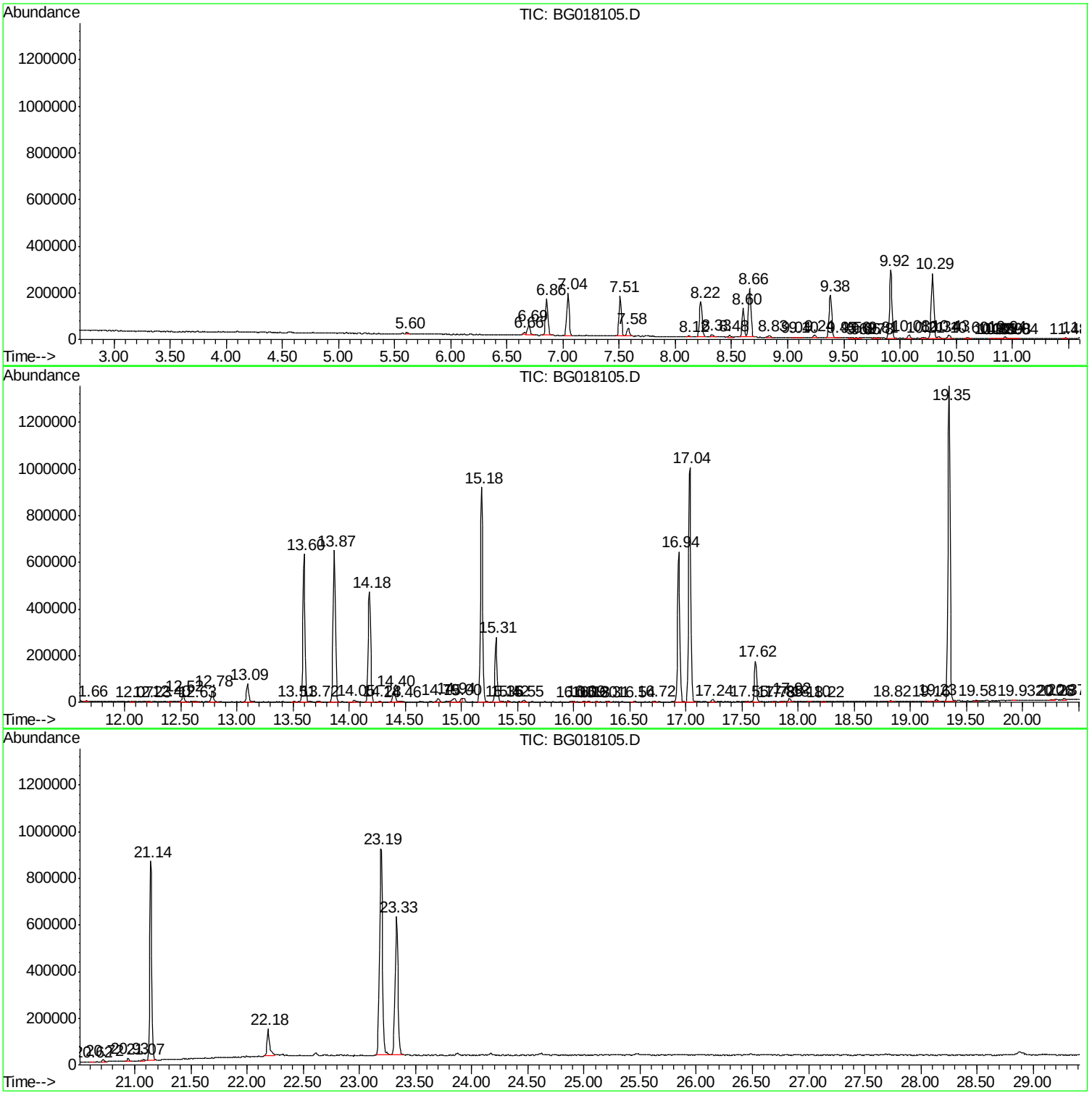
Sum of corrected areas: 16175398

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

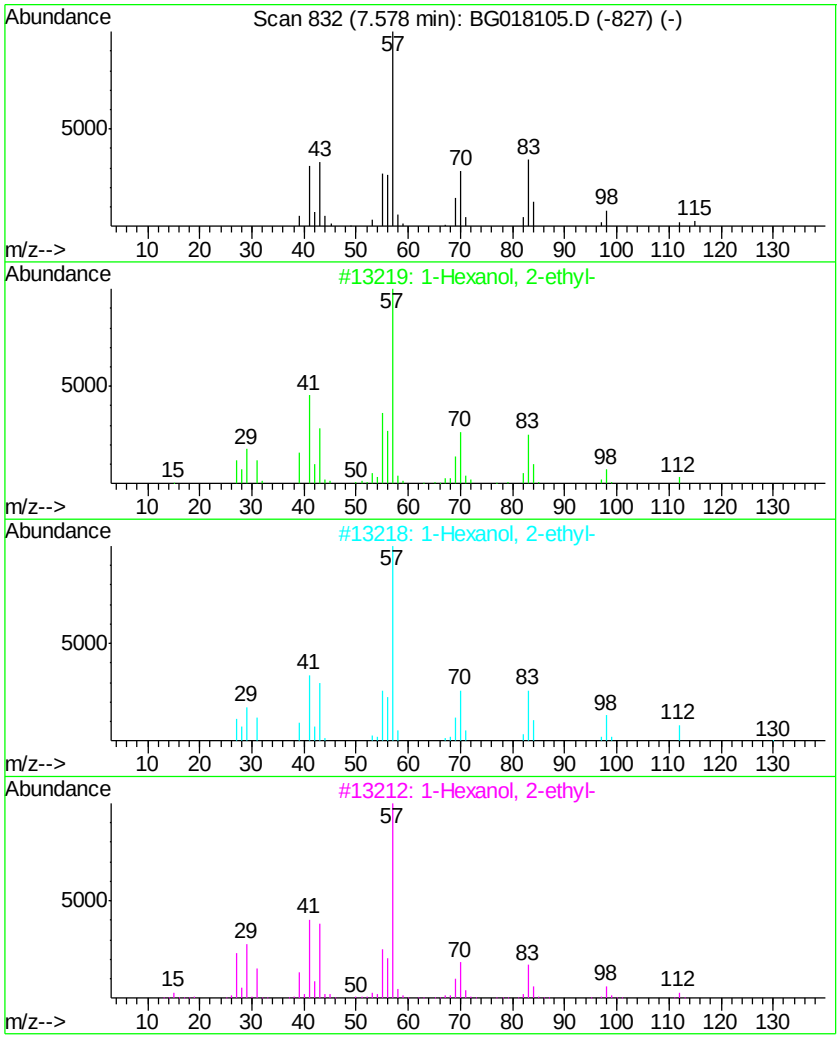
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

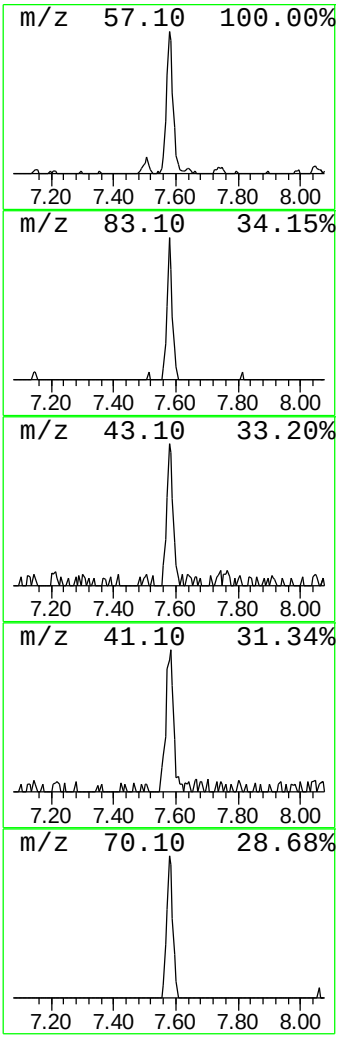
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	3.96 ng/ul	51562	1,4-Dichlorobenzene-d4	7.51

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	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

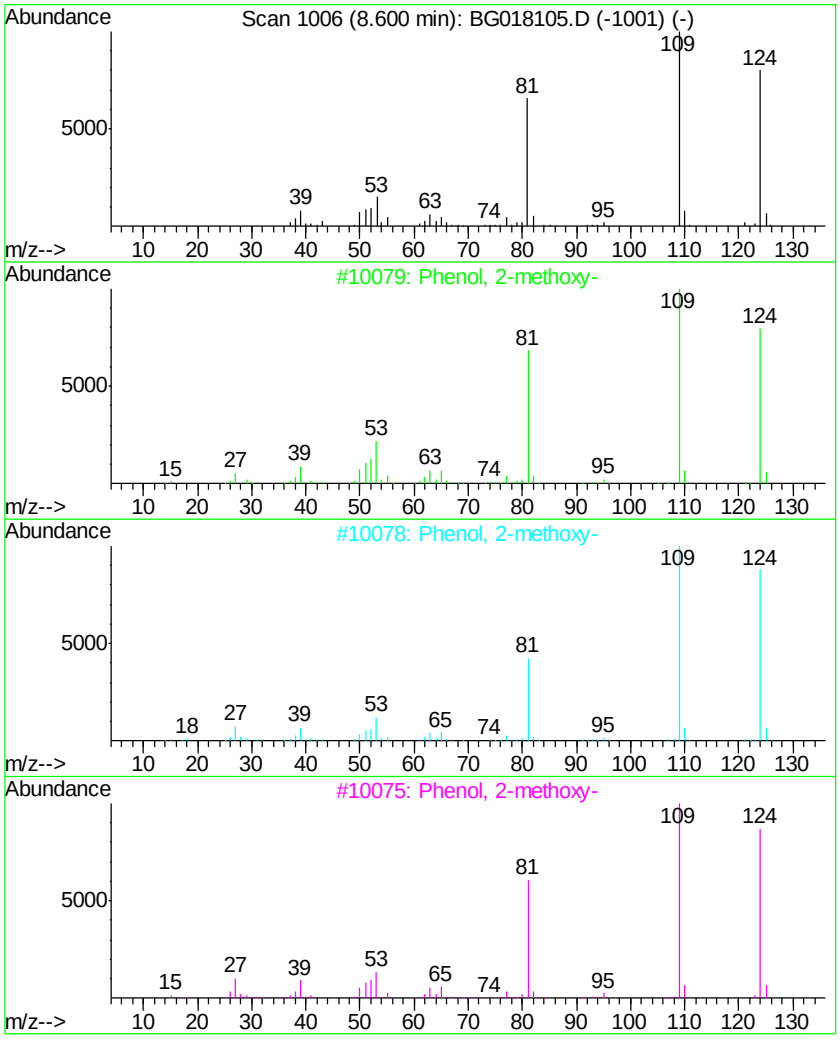
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

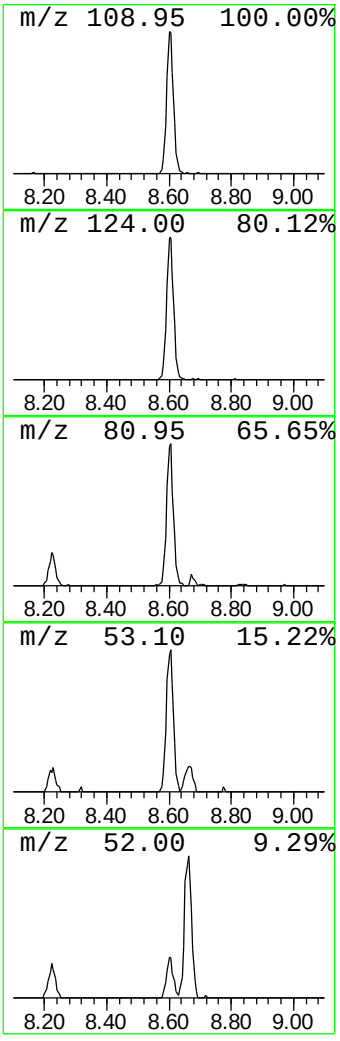
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	14.76 ng/ul	192372	1,4-Dichlorobenzene-d4	7.51

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	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Mequinol	124	C7H8O2	000150-76-5	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

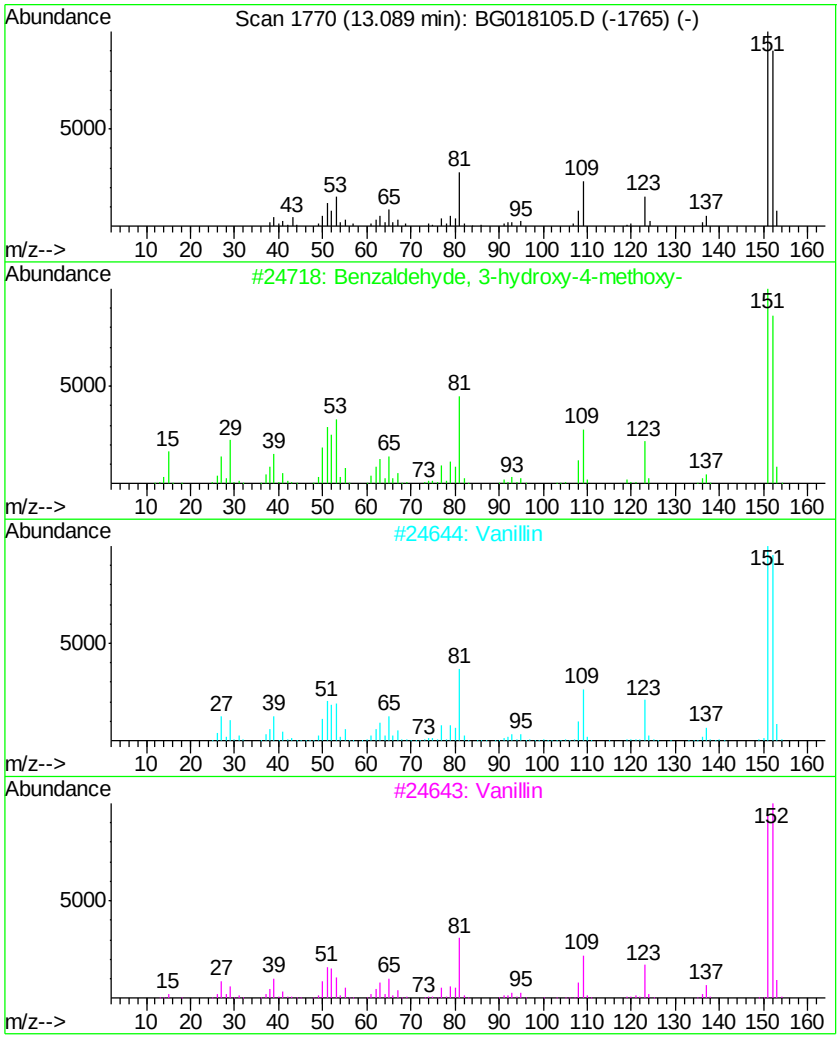
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

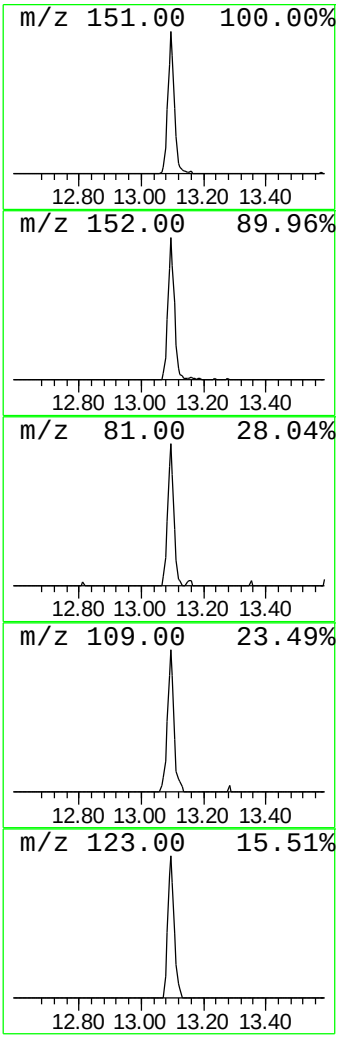
****

Peak Number 3 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.23 ng/ul	115995	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
2	Vanillin	152	C8H8O3	000121-33-5	94
3	Vanillin	152	C8H8O3	000121-33-5	93
4	Vanillin	152	C8H8O3	000121-33-5	91
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

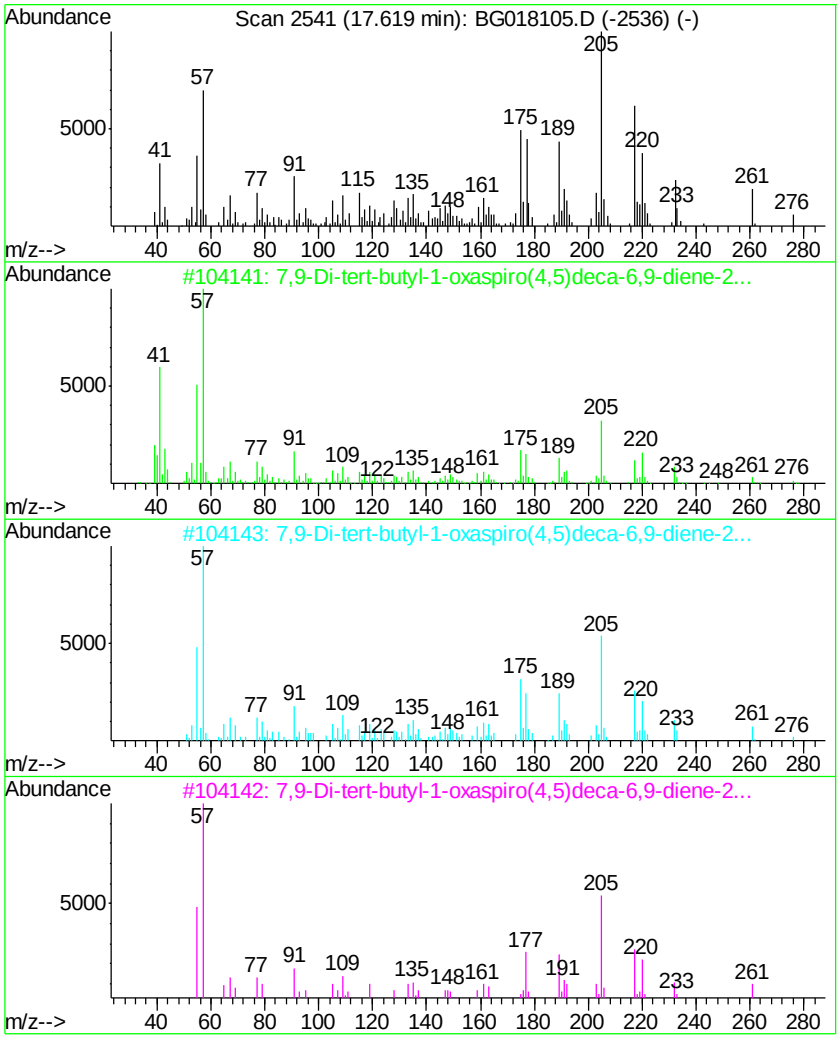
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

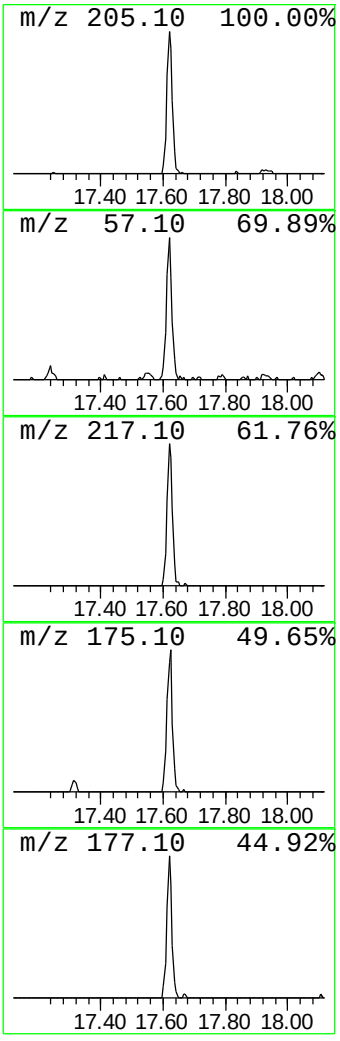
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	4.82 ng/ul	219398	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
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	38
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

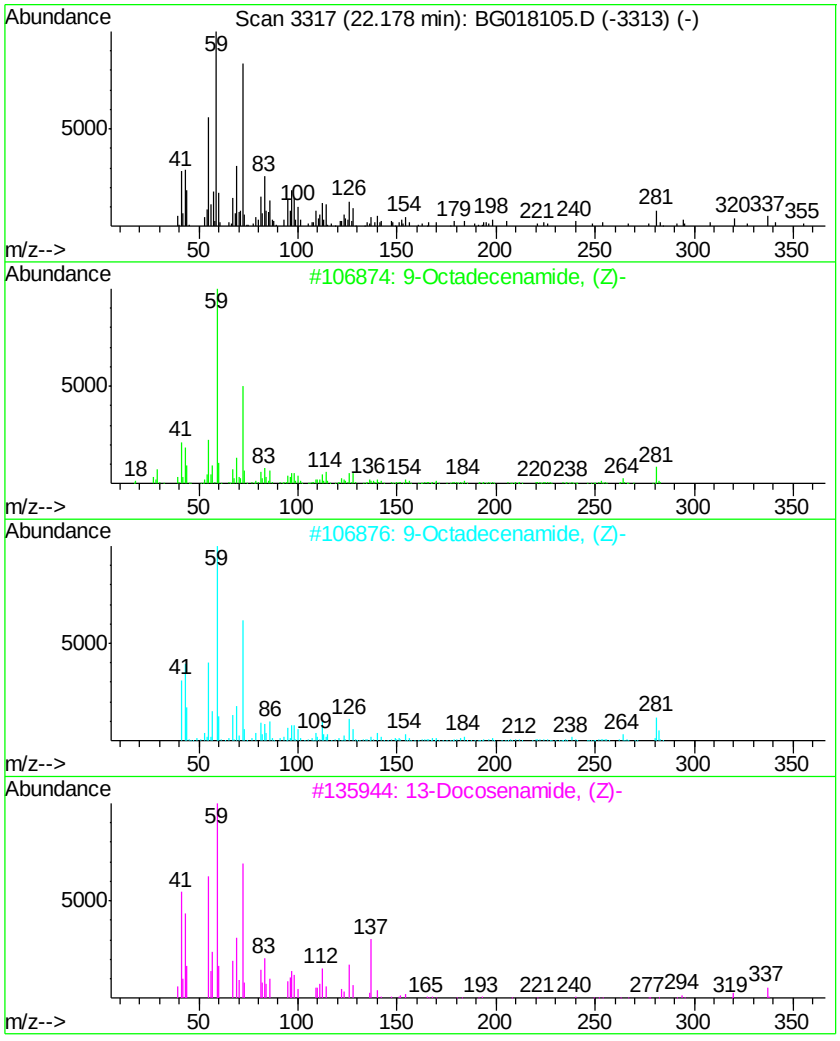
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

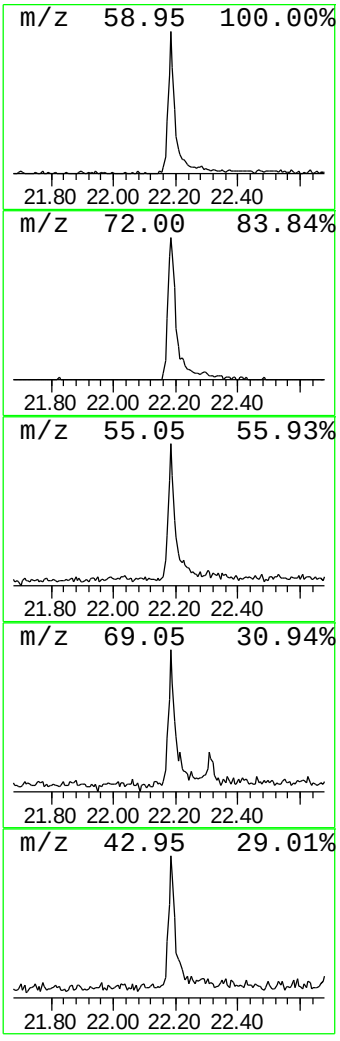
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	3.61 ng/ul	196569	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018105.D
Acq On : 25 Jul 2015 00:26
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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-	7.58	4.0	ng/ul	51562	1	7.51	260648	20.0
Phenol, 2-methoxy-	8.60	14.8	ng/ul	192372	1	7.51	260648	20.0
Benzaldehyde, 3-h...	13.09	3.2	ng/ul	115995	3	14.18	718538	20.0
7,9-Di-tert-butyl...	17.62	4.8	ng/ul	219398	4	16.94	911260	20.0
9-Octadecenamide,...	22.18	3.6	ng/ul	196569	5	21.14	1089490	20.0