LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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	6.654	671	675	678	rBV3	7884	12567	0.78%	0.081%
2	6.695	678	682	688	rVB	36374	56009	3.49%	0.359%
3	6.853	703	709	715	rBV	143797	216012	13.45%	1.384%
4	7.041	735	741	748	rVB	159764	243117	15.13%	1.558%
5	7.506	814	820	826	rBV	159395	244964	15.25%	1.569%
6	7.582	827	833	840	rVB	31473	51216	3.19%	0.328%
7	8.222	936	942	952	rBV2	130401	206498	12.85%	1.323%
8	8.328	956	960	965	rVB2	10618	18251	1.14%	0.117%
9	8.487	983	987	992	rVB2	7854	10755	0.67%	0.069%
10	8.604	1001	1007	1012	rBV	109555	166849	10.39%	1.069%
11	8.663	1012	1017	1024	rVB	187241	301431	18.76%	1.931%
12	8.810	1039	1042	1043	rBV3	2753	2893	0.18%	0.019%
13	8.839	1043	1047	1051	rVB5	6994	10219	0.64%	0.065%
14	9.233	1111	1114	1123	rVB5	10476	18035	1.12%	0.116%
15	9.380	1132	1139	1146	rBV	165910	267984	16.68%	1.717%
16	9.562	1166	1170	1177	rBV5	4493	6581	0.41%	0.042%
17	9.656	1183	1186	1190	rBV5	1530	2191	0.14%	0.014%
18	9.797	1207	1210	1211	rVV3	2227	2454	0.15%	0.016%
19	9.915	1222	1230	1237	rBV	243891	409833	25.51%	2.626%
20	10.079	1253	1258	1263	rVV4	14748	21712	1.35%	0.139%
21	10.179	1272	1275	1276	rBV2	1723	2102	0.13%	0.013%
22	10.208	1276	1280	1284	rVV6	3653	6477	0.40%	0.041%
23	10.291	1287	1294	1300	rVV	281895	452134	28.15%	2.897%
24	10.343	1300	1303	1310	rVB3	10503	18044	1.12%	0.116%
25	10.437	1314	1319	1324	rVB4	10832	16425	1.02%	0.105%
26	10.596	1341	1346	1352	rVB6	8235	13651	0.85%	0.087%
27	10.825	1380	1385	1386	rVV3	1954	2349	0.15%	0.015%
28	10.849	1386	1389	1392	rVB2	2950	4088	0.25%	0.026%
29	10.937	1400	1404	1409	rVB3	6089	8444	0.53%	0.054%
30	11.119	1432	1435	1438	rBV3	2429	3307	0.21%	0.021%
31	11.195	1445	1448	1453	rVB4	2707	3415	0.21%	0.022%
32	11.483	1492	1497	1500	rBV4	3811	6739	0.42%	0.043%
33	11.654	1523	1526	1530	rVB4	4345	5659	0.35%	0.036%
34	11.801	1548	1551	1555	rBV3	1814	3268	0.20%	0.021%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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	12.065	1593	1596	1601	rBV4	1583	2299	0.14%	0.015%
36	12.406	1650	1654	1658	rBV4	4158	4544	0.28%	0.029%
37	12.517	1668	1673	1680	rVB	24454	37865	2.36%	0.243%
38	12.629	1689	1692	1696	rVB2	2947	3954	0.25%	0.025%
39	12.782	1713	1718	1724	rBV2	45127	62887	3.91%	0.403%
40	13.093	1764	1771	1779	rBV	68750	102835	6.40%	0.659%
41	13.510	1836	1842	1845	rVB5	3752	4232	0.26%	0.027%
42	13.598	1851	1857	1863	rVV	575405	760983	47.37%	4.875%
43	13.645	1864	1865	1871	rVV3	1964	2231	0.14%	0.014%
44	13.722	1875	1878	1881	rBV3	4557	5907	0.37%	0.038%
45	13.869	1897	1903	1909	rBV	616886	877713	54.64%	5.623%
46	14.051	1929	1934	1939	rBV	7258	9809	0.61%	0.063%
47	14.180	1948	1956	1963	rBV2	471499	720359	44.84%	4.615%
48	14.274	1969	1972	1976	rVB3	3011	3817	0.24%	0.024%
49	14.398	1985	1993	2000	rBV2	39814	60822	3.79%	0.390%
50	14.450	2000	2002	2004	rVV2	2857	2356	0.15%	0.015%
51	14.791	2054	2060	2067	rVV	11211	16957	1.06%	0.109%
52	14.920	2078	2082	2088	rVV3	6785	12829	0.80%	0.082%
53	15.003	2091	2096	2097	rBV	16959	21213	1.32%	0.136%
54	15.020	2097	2099	2106	rVB	19123	22856	1.42%	0.146%
55	15.179	2119	2126	2134	rBV	820264	1138911	70.90%	7.297%
56	15.308	2142	2148	2156	rBV	257430	340004	21.17%	2.178%
57	15.420	2163	2167	2171	rVB2	5725	7083	0.44%	0.045%
58	15.555	2185	2190	2197	rVB3	6789	10512	0.65%	0.067%
59	15.996	2261	2265	2270	rVB2	2436	3388	0.21%	0.022%
60	16.096	2277	2282	2287	rVB5	3521	5501	0.34%	0.035%
61	16.207	2296	2301	2308	rBV4	2857	5532	0.34%	0.035%
62	16.313	2314	2319	2323	rBV3	2264	3624	0.23%	0.023%
63	16.542	2353	2358	2362	rVB4	2047	3316	0.21%	0.021%
64	16.724	2385	2389	2391	rBV2	3630	4810	0.30%	0.031%
65	16.936	2419	2425	2432	rBV	643982	903834	56.26%	5.791%
66	17.036	2435	2442	2451	rVV2	927455	1296513	80.71%	8.306%
67	17.235	2473	2476	2481	rVV	9090	11253	0.70%	0.072%
68	17.553	2526	2530	2533	rBV3	2510	2825	0.18%	0.018%
69	17.623	2537	2542	2548	rVV	168427	212665	13.24%	1.362%
70	17.788	2566	2570	2572	rBV4	1987	2567	0.16%	0.016%
71	17.858	2578	2582	2588	rBV6	5434	7738	0.48%	0.050%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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	17.923	2588	2593	2600	rVB	16055	20361	1.27%	0.130%
73	18.105	2621	2624	2625	rVV2	2442	2593	0.16%	0.017%
74	18.117	2625	2626	2629	rVV2	3280	2753	0.17%	0.018%
75	18.175	2632	2636	2639	rVB5	2070	2633	0.16%	0.017%
76	18.352	2663	2666	2670	rBV5	2183	2542	0.16%	0.016%
77	18.569	2698	2703	2705	rVV4	2121	3129	0.19%	0.020%
78	18.622	2708	2712	2715	rVV4	1712	2919	0.18%	0.019%
79	18.698	2723	2725	2730	rBV7	1969	3619	0.23%	0.023%
80	18.822	2742	2746	2751	rBV7	3091	4459	0.28%	0.029%
81	18.963	2766	2770	2773	rBV5	2127	3013	0.19%	0.019%
82	19.010	2773	2778	2781	rVV4	2529	5164	0.32%	0.033%
83	19.063	2784	2787	2791	rVV4	2928	4718	0.29%	0.030%
84	19.157	2800	2803	2808	rVV6	3132	5332	0.33%	0.034%
85	19.227	2812	2815	2821	rVB	10120	15280	0.95%	0.098%
86	19.345	2829	2835	2845	rBV	1240568	1606396	100.00%	10.292%
87	19.591	2873	2877	2878	rVV3	4707	4099	0.26%	0.026%
88	19.873	2922	2925	2928	rBV3	3550	4284	0.27%	0.027%
89	19.962	2937	2940	2941	rBV3	2471	2150	0.13%	0.014%
90	20.156	2970	2973	2979	rVV7	3411	6603	0.41%	0.042%
91	20.373	3006	3010	3014	rVV5	9791	13817	0.86%	0.089%
92	20.620	3050	3052	3054	rBV3	2389	2252	0.14%	0.014%
93	20.714	3064	3068	3071	rBV5	9674	12121	0.75%	0.078%
94	20.937	3103	3106	3110	rVB4	12255	15356	0.96%	0.098%
95	21.078	3127	3130	3131	rBV2	6293	5775	0.36%	0.037%
96	21.143	3135	3141	3150	rBV	916460	1132464	70.50%	7.255%
97	22.183	3313	3318	3331	rBV	376222	609691	37.95%	3.906%
98	22.606	3388	3390	3397	rVB8	12258	16796	1.05%	0.108%
99	23.193	3482	3490	3503	rVV	845409	1485056	92.45%	9.514%
100	23.328	3506	3513	3523	rVB2	604116	1101202	68.55%	7.055%

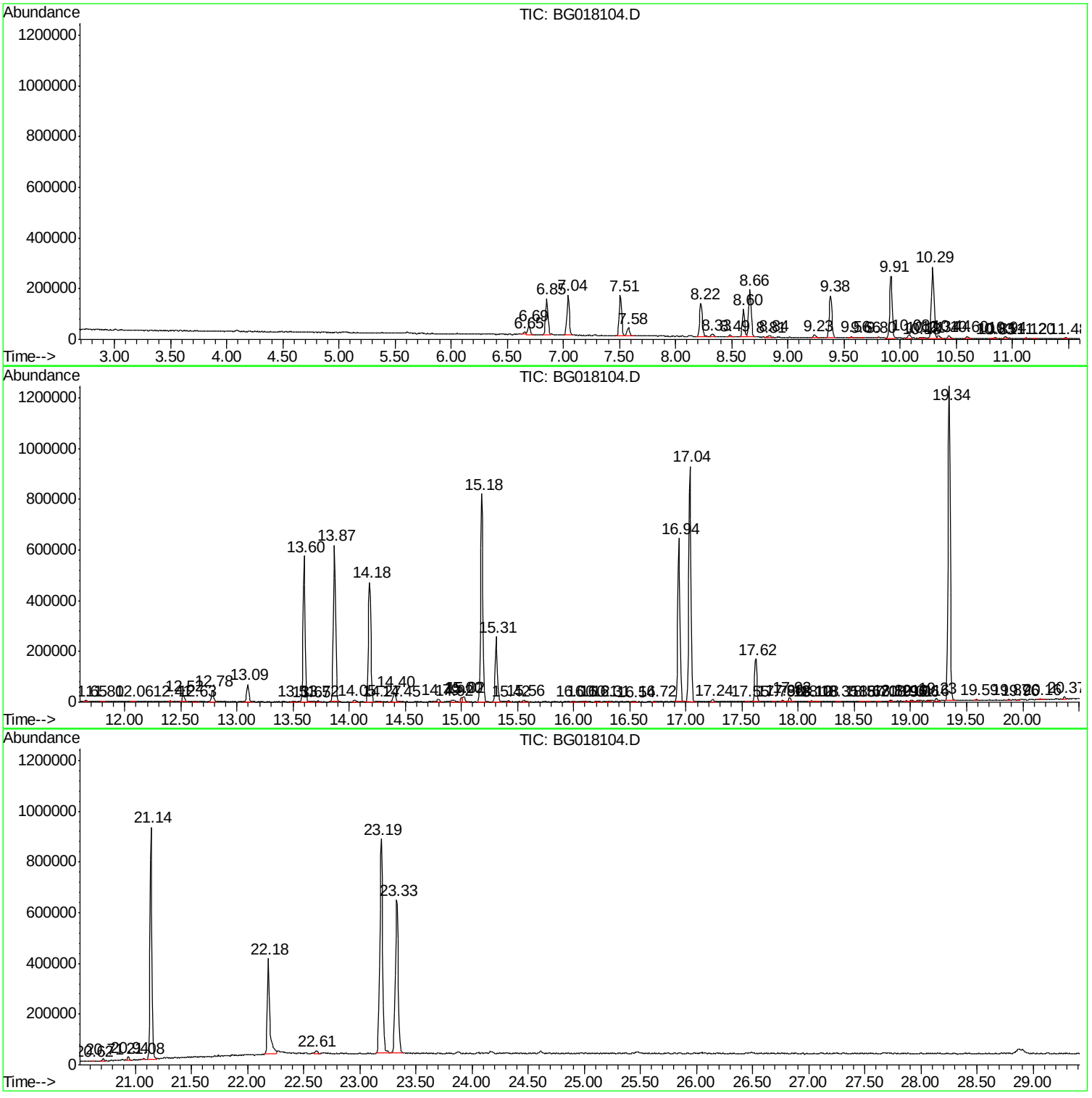
Sum of corrected areas: 15608794

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02M2

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 : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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

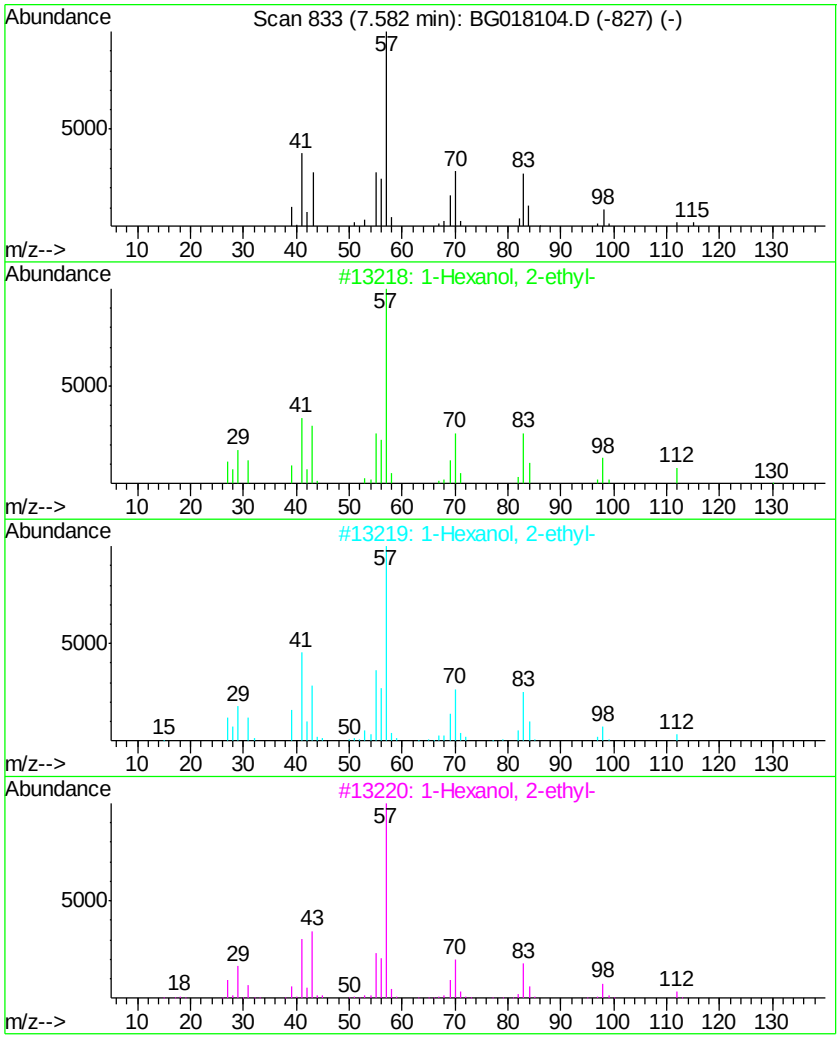
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

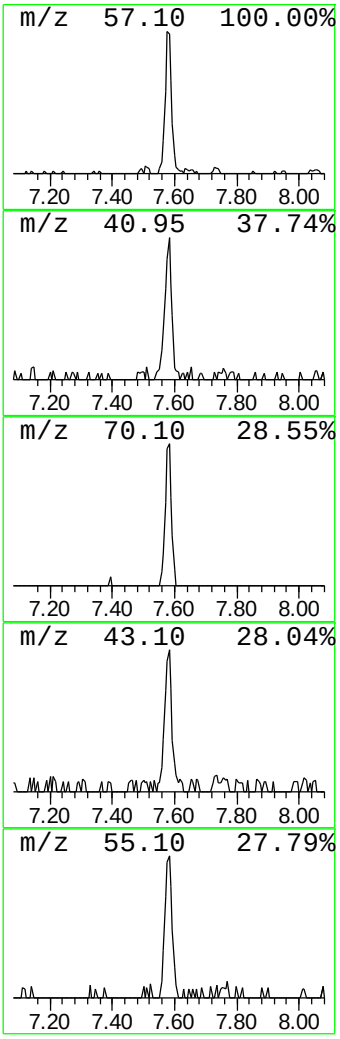
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	4.18 ng/ul	51216	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	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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

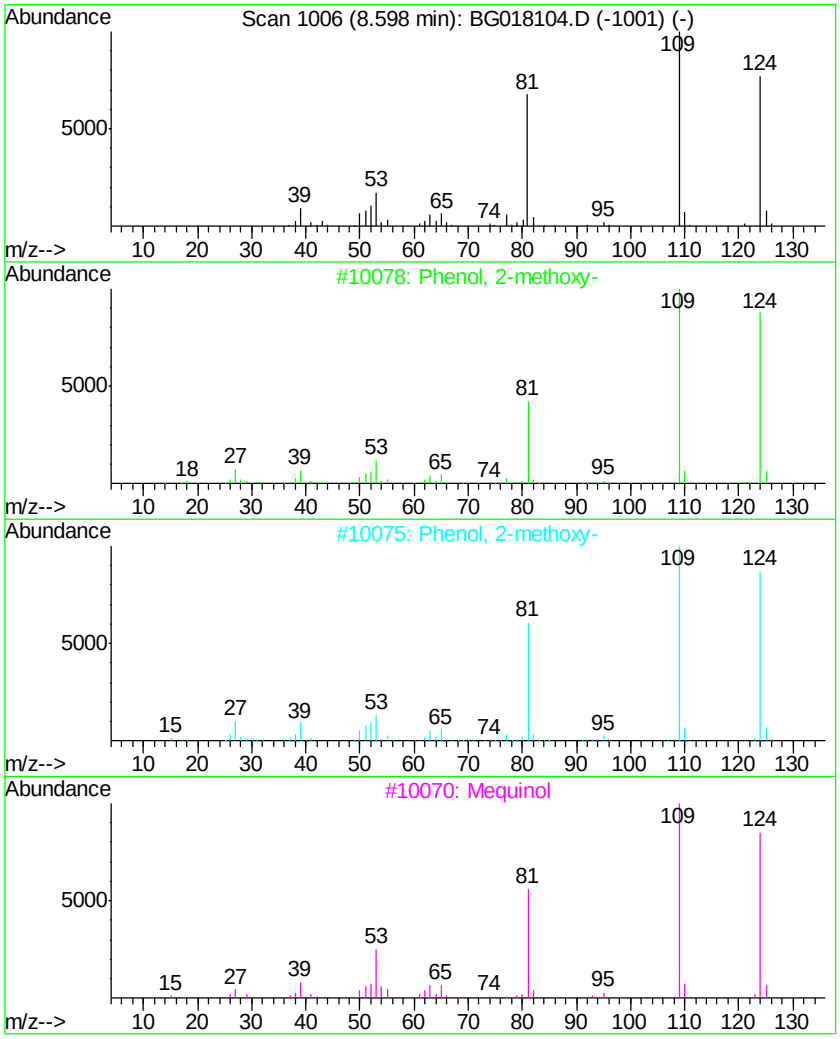
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

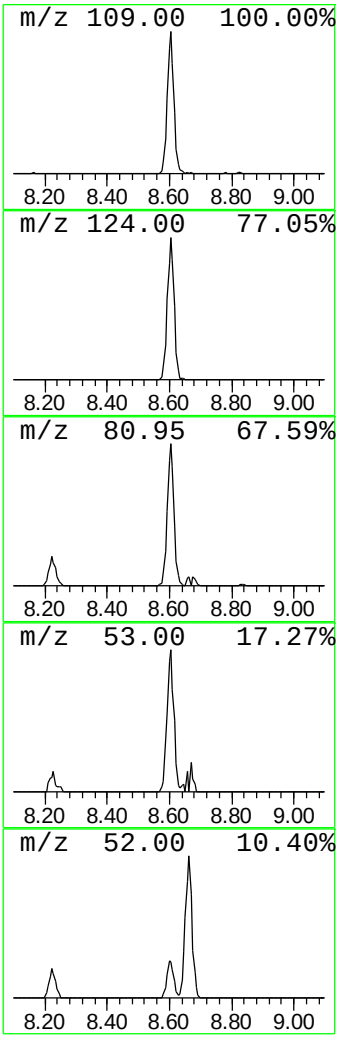
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	13.62 ng/ul	166849	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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

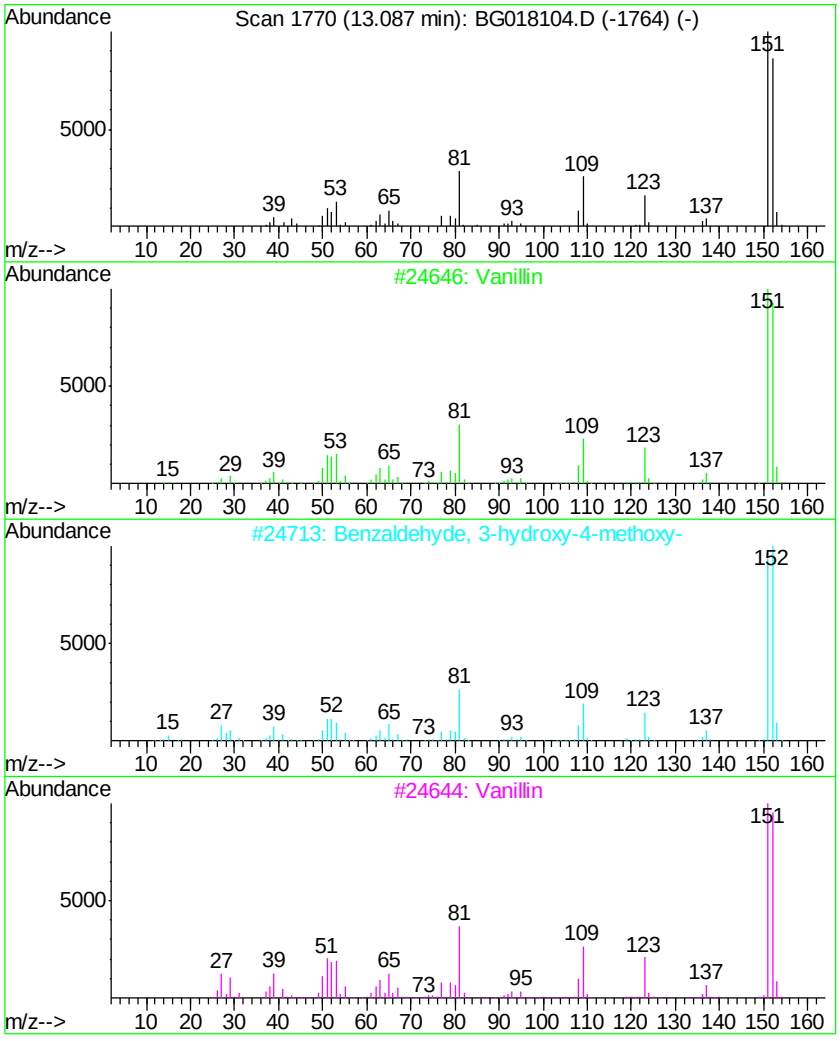
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

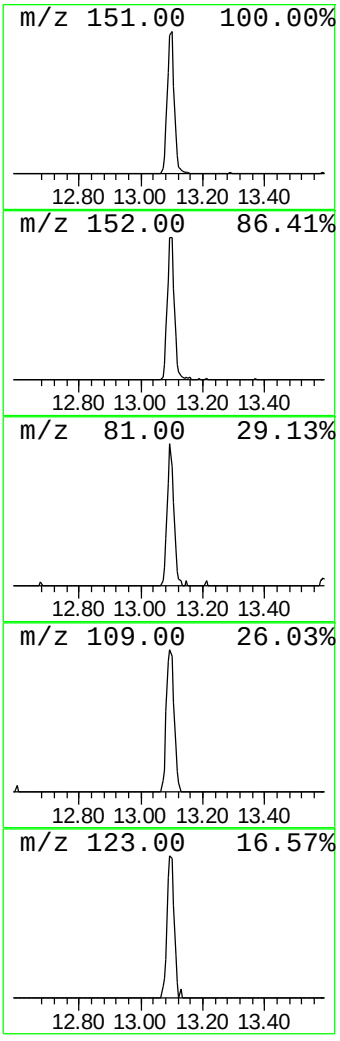
****

Peak Number 3 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.86 ng/ul	102835	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Vanillin	152	C8H8O3	000121-33-5	94
5	Vanillin	152	C8H8O3	000121-33-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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

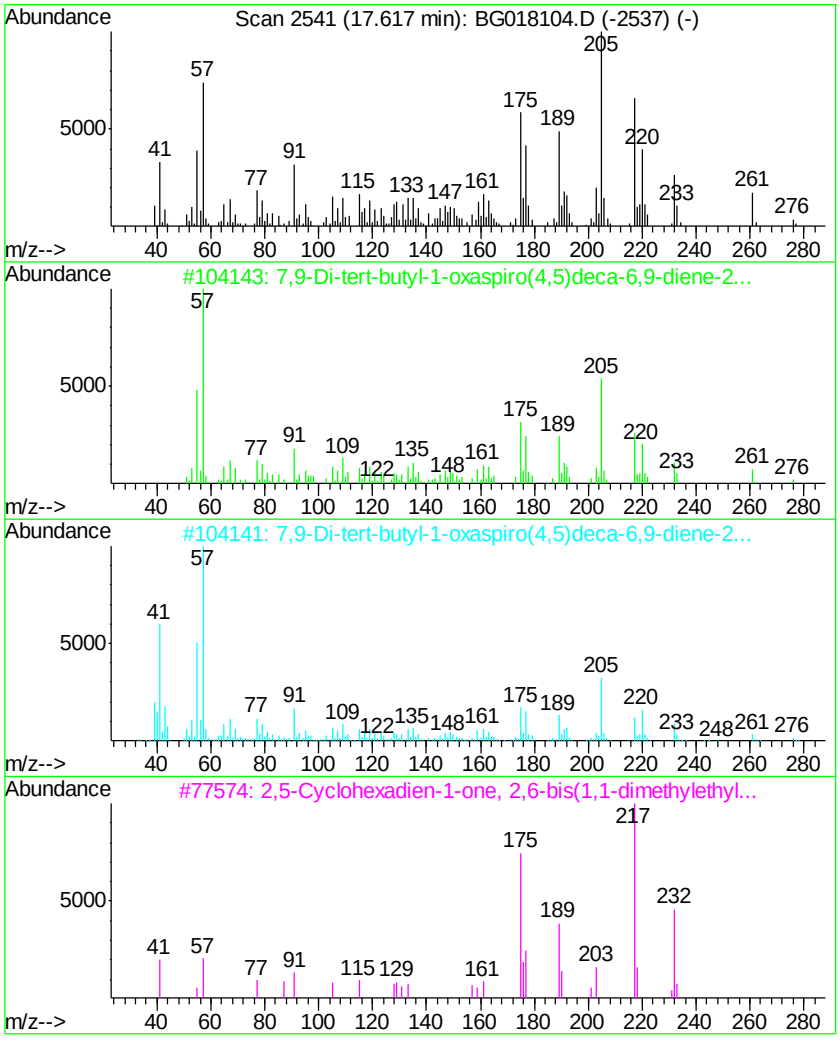
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

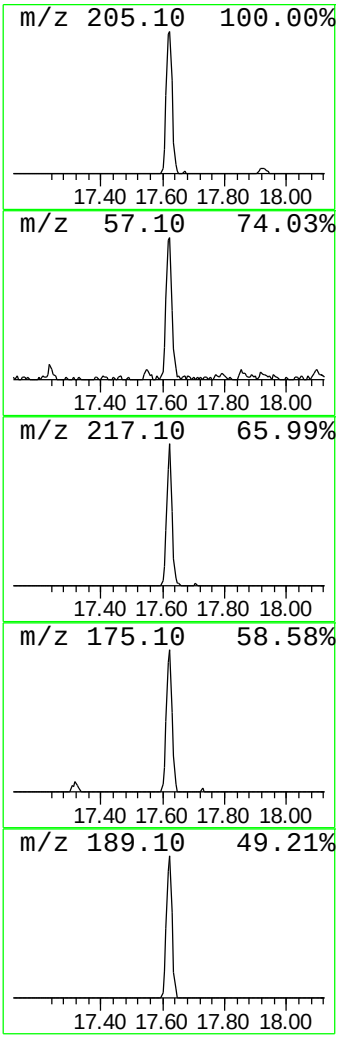
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	4.71 ng/ul	212665	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	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	76
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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

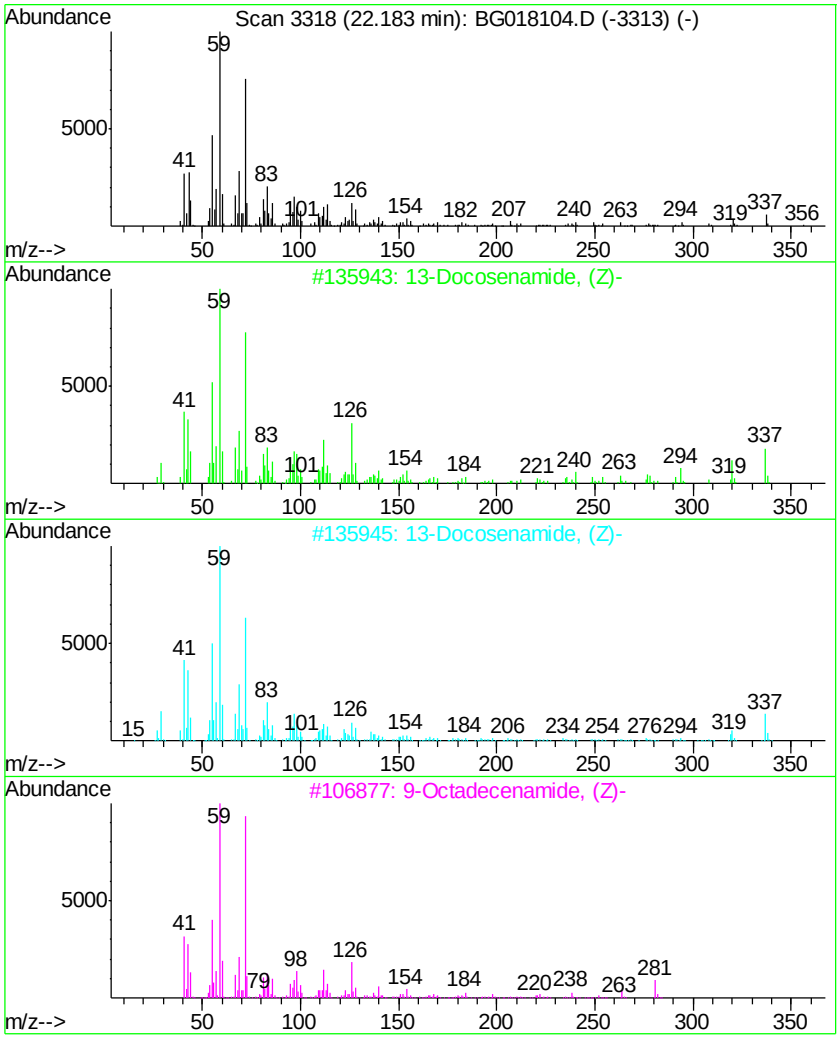
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

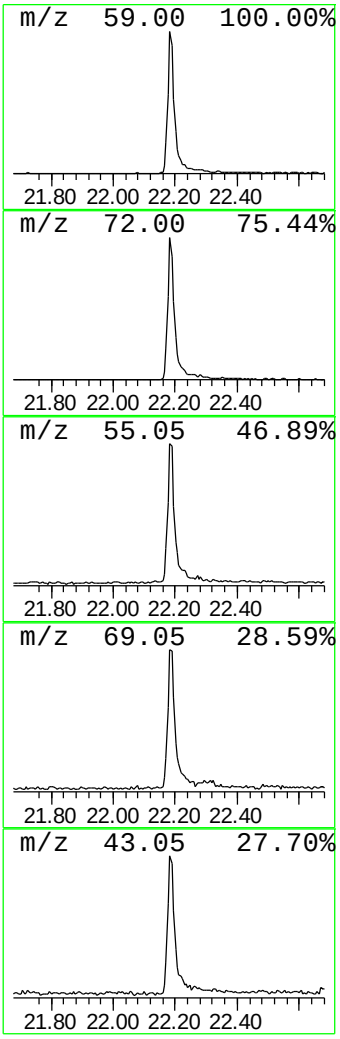
****

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	10.77 ng/ul	609691	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	97
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018104.D
Acq On : 24 Jul 2015 23:51
Operator : TP/UM
Sample : G3037-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02M2

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	4.2	ng/ul	51216	1	7.51	244964	20.0
Phenol, 2-methoxy-	8.60	13.6	ng/ul	166849	1	7.51	244964	20.0
Vanillin	13.09	2.9	ng/ul	102835	3	14.18	720359	20.0
7,9-Di-tert-butyl...	17.62	4.7	ng/ul	212665	4	16.94	903834	20.0
13-Docosenamide, ...	22.18	10.8	ng/ul	609691	5	21.14	1132460	20.0