LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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	3.063	61	64	68	rVB	3946	4338	0.14%	0.014%
2	4.634	328	331	337	rBB	4767	6792	0.21%	0.022%
3	5.146	414	418	422	rBB	3722	4581	0.14%	0.015%
4	5.651	500	504	505	rBV	7552	9495	0.30%	0.030%
5	5.675	505	508	517	rVB	25280	36243	1.13%	0.115%
6	6.240	600	604	609	rBB2	10073	13509	0.42%	0.043%
7	6.698	680	682	685	rBV2	3771	4990	0.16%	0.016%
8	6.769	685	694	704	rVB2	85838	176248	5.50%	0.558%
9	6.934	716	722	731	rBB	311754	477990	14.91%	1.515%
10	7.128	748	755	764	rBB	354668	539376	16.83%	1.709%
11	7.375	794	797	800	rBB2	4533	5517	0.17%	0.017%
12	7.598	826	835	840	rBV	391361	623240	19.44%	1.975%
13	7.657	840	845	853	rVB	104926	153615	4.79%	0.487%
14	7.810	867	871	874	rBV	3496	4659	0.15%	0.015%
15	8.210	935	939	944	rBV	6791	10889	0.34%	0.035%
16	8.304	950	955	965	rBV	259351	424263	13.23%	1.344%
17	8.416	969	974	980	rVB	32303	50412	1.57%	0.160%
18	8.563	994	999	1003	rBB	19613	26880	0.84%	0.085%
19	8.692	1015	1021	1026	rBV	397501	621783	19.40%	1.970%
20	8.757	1026	1032	1038	rVV	425546	678747	21.17%	2.151%
21	8.804	1038	1040	1043	rVB	4956	5277	0.16%	0.017%
22	8.922	1055	1060	1064	rVB	3661	5835	0.18%	0.018%
23	9.322	1123	1128	1133	rBB	44997	67064	2.09%	0.213%
24	9.475	1147	1154	1163	rBB	378148	611133	19.06%	1.936%
25	9.645	1176	1183	1190	rBB3	9660	17802	0.56%	0.056%
26	9.716	1191	1195	1199	rBB3	2336	3681	0.11%	0.012%
27	9.875	1217	1222	1230	rBB4	4470	9100	0.28%	0.029%
28	10.010	1237	1245	1256	rBB	538448	894911	27.92%	2.836%
29	10.169	1267	1272	1277	rBB2	11250	18707	0.58%	0.059%
30	10.298	1289	1294	1301	rBV5	13457	23750	0.74%	0.075%
31	10.386	1301	1309	1315	rVV	565128	945401	29.49%	2.996%
32	10.439	1315	1318	1323	rVB3	15280	22076	0.69%	0.070%
33	10.528	1328	1333	1340	rBB2	14926	22521	0.70%	0.071%
34	10.686	1356	1360	1364	rBB	6212	7859	0.25%	0.025%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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	10.928	1395	1401	1405	rBV3	7843	12487	0.39%	0.040%
36	10.980	1405	1410	1414	rVV	2969	4397	0.14%	0.014%
37	11.033	1414	1419	1425	rVB	19852	29687	0.93%	0.094%
38	11.180	1441	1444	1450	rBB2	4091	6109	0.19%	0.019%
39	11.557	1503	1508	1512	rBV2	19029	26195	0.82%	0.083%
40	11.592	1512	1514	1518	rVB	3721	4344	0.14%	0.014%
41	11.645	1518	1523	1527	rBB2	7351	9948	0.31%	0.032%
42	11.704	1528	1533	1537	rBV3	3891	6247	0.19%	0.020%
43	12.033	1585	1589	1600	rBV	20730	36782	1.15%	0.117%
44	12.145	1603	1608	1613	rVB3	3013	4094	0.13%	0.013%
45	12.480	1661	1665	1669	rBV2	5528	7097	0.22%	0.022%
46	12.598	1680	1685	1696	rVV	44425	82095	2.56%	0.260%
47	12.851	1723	1728	1736	rBV	89615	131771	4.11%	0.418%
48	13.180	1774	1784	1793	rBV	244268	355587	11.09%	1.127%
49	13.569	1846	1850	1855	rBB	24531	31323	0.98%	0.099%
50	13.674	1860	1868	1874	rVV	1060823	1417755	44.23%	4.492%
51	13.780	1884	1886	1891	rVB2	4261	5738	0.18%	0.018%
52	13.951	1907	1915	1923	rBV	1185612	1675393	52.26%	5.309%
53	14.121	1940	1944	1949	rBV	23761	30544	0.95%	0.097%
54	14.257	1961	1967	1975	rVB2	860421	1378417	43.00%	4.368%
55	14.474	1996	2004	2013	rBV	74153	117109	3.65%	0.371%
56	14.857	2064	2069	2074	rBV	26210	32571	1.02%	0.103%
57	14.945	2080	2084	2087	rBV2	3434	5409	0.17%	0.017%
58	14.986	2087	2091	2092	rVV	15099	20074	0.63%	0.064%
59	15.004	2092	2094	2099	rVV	15989	20984	0.65%	0.066%
60	15.057	2099	2103	2105	rVV	19681	24251	0.76%	0.077%
61	15.086	2105	2108	2113	rVB	30833	41210	1.29%	0.131%
62	15.257	2130	2137	2144	rVB	1526315	2117012	66.04%	6.708%
63	15.386	2153	2159	2171	rBV	530169	710702	22.17%	2.252%
64	15.492	2171	2177	2181	rVB2	5946	7403	0.23%	0.023%
65	15.627	2195	2200	2205	rVB	17472	21924	0.68%	0.069%
66	16.074	2271	2276	2287	rBV2	3811	9013	0.28%	0.029%
67	16.274	2305	2310	2315	rVB2	2946	4604	0.14%	0.015%
68	16.798	2395	2399	2404	rVB	3966	4615	0.14%	0.015%
69	17.009	2428	2435	2441	rBV	1280581	1713202	53.44%	5.428%
70	17.110	2445	2452	2459	rBV	1701252	2360020	73.62%	7.478%
71	17.292	2477	2483	2490	rBV	12682	15463	0.48%	0.049%

LSC Area Percent Report

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Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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	17.674	2543	2548	2553	rBV2	147958	180701	5.64%	0.573%
73	17.904	2582	2587	2594	rBV	16044	21664	0.68%	0.069%
74	17.974	2594	2599	2605	rVB	19513	22961	0.72%	0.073%
75	18.109	2618	2622	2627	rBV	5225	7303	0.23%	0.023%
76	19.074	2781	2786	2788	rBV2	4420	5024	0.16%	0.016%
77	19.192	2802	2806	2812	rVB4	6396	8875	0.28%	0.028%
78	19.292	2819	2823	2828	rBV	12989	16926	0.53%	0.054%
79	19.409	2837	2843	2853	rVB	2250626	2919177	91.06%	9.250%
80	19.645	2876	2883	2888	rBV4	2920	6660	0.21%	0.021%
81	20.009	2938	2945	2948	rBV4	2731	5112	0.16%	0.016%
82	20.409	3008	3013	3018	rVV	32216	40479	1.26%	0.128%
83	20.450	3018	3020	3025	rVB4	3453	4583	0.14%	0.015%
84	20.756	3069	3072	3076	rVB	7004	6349	0.20%	0.020%
85	20.997	3108	3113	3116	rBV3	21481	26308	0.82%	0.083%
86	21.121	3131	3134	3138	rVB	7977	8702	0.27%	0.028%
87	21.209	3143	3149	3154	rVV	1802933	2322990	72.46%	7.361%
88	21.303	3163	3165	3168	rVV3	6834	7284	0.23%	0.023%
89	21.356	3172	3174	3176	rVB2	5817	4925	0.15%	0.016%
90	22.233	3317	3323	3336	rBV	623426	843533	26.31%	2.673%
91	22.350	3340	3343	3348	rVB	19855	26276	0.82%	0.083%
92	22.680	3395	3399	3403	rBV2	18702	28179	0.88%	0.089%
93	22.721	3403	3406	3413	rVB4	17505	25500	0.80%	0.081%
94	23.268	3491	3499	3507	rBV	1733595	3205713	100.00%	10.158%
95	23.409	3515	3523	3536	rVB	1304815	2399753	74.86%	7.604%
96	23.897	3601	3606	3614	rVB4	29243	58613	1.83%	0.186%
97	24.621	3724	3729	3735	rVB3	33216	68261	2.13%	0.216%
98	25.468	3866	3873	3882	rVB4	27466	68871	2.15%	0.218%
99	26.456	4036	4041	4042	rBV5	15586	22548	0.70%	0.071%
100	28.809	4433	4441	4457	rVB4	44184	185929	5.80%	0.589%

Sum of corrected areas: 31559459

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
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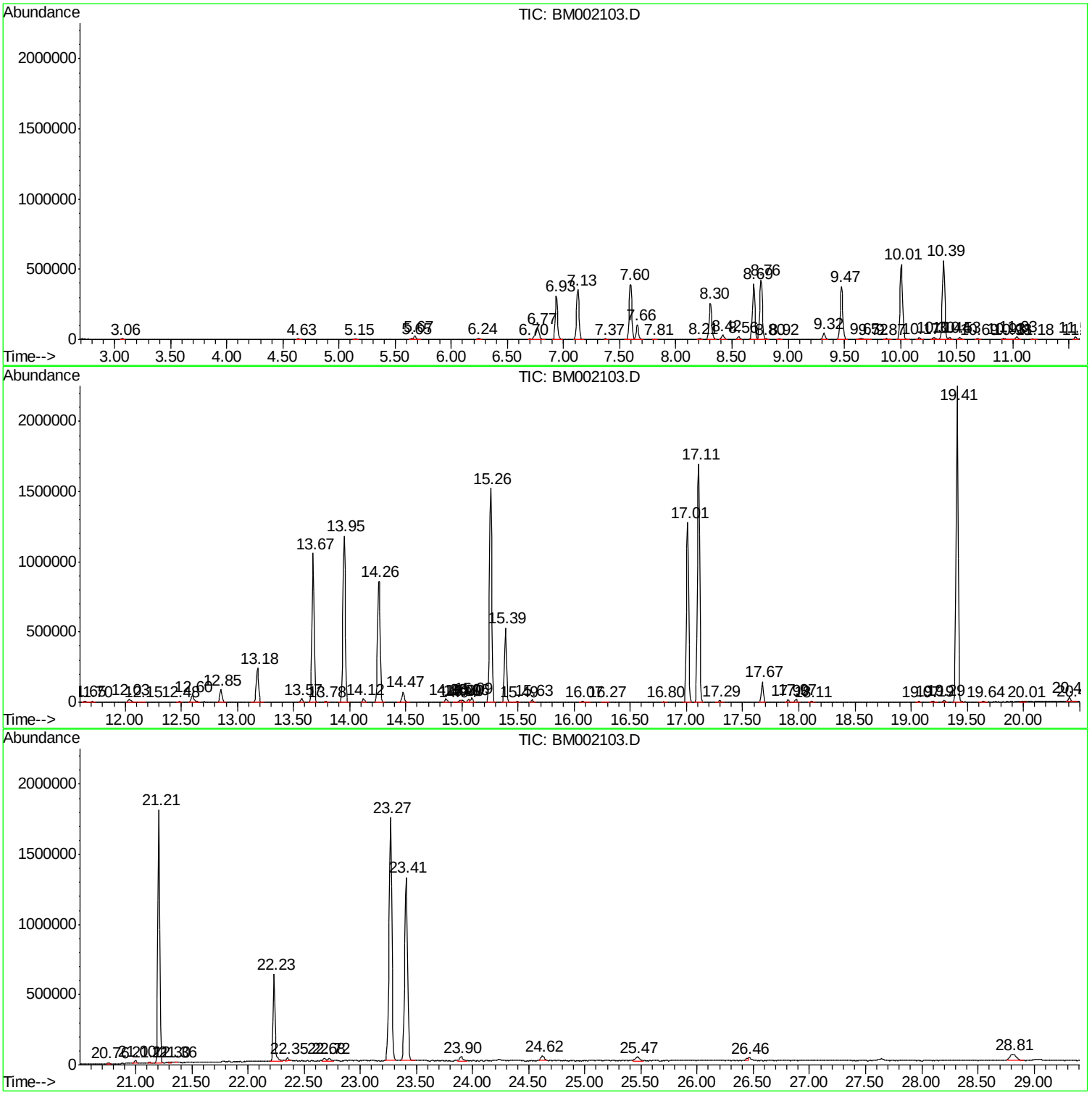
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M5

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 : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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

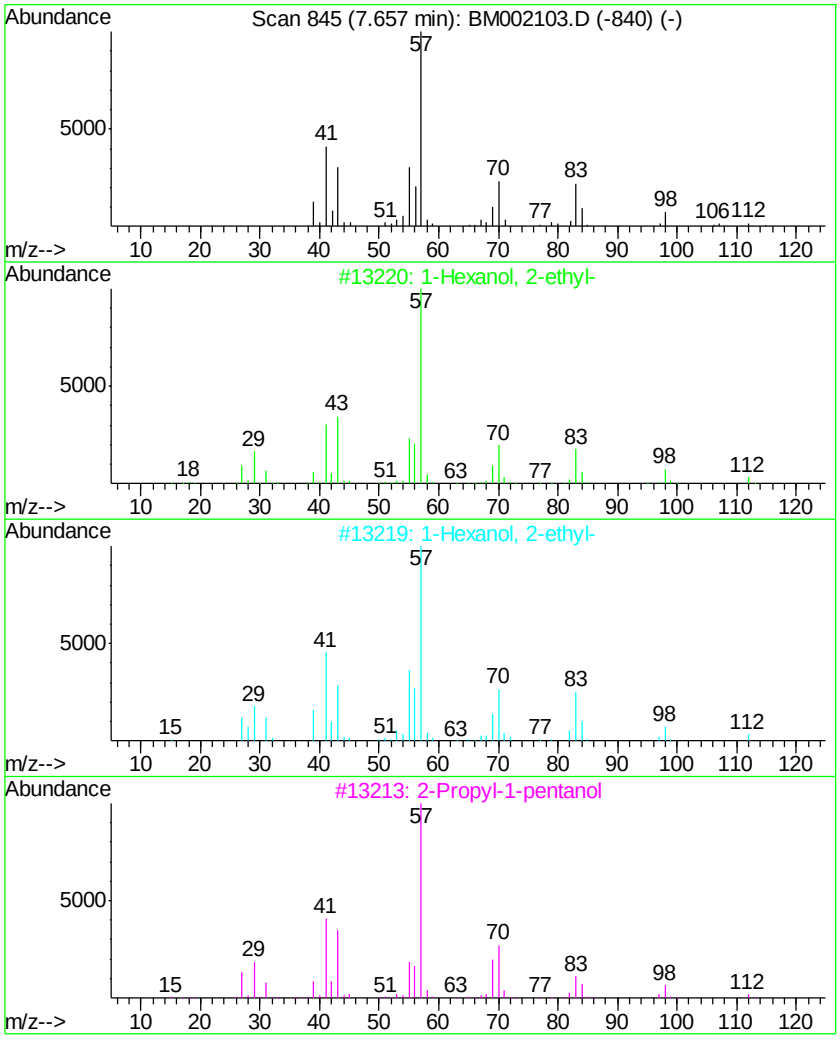
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

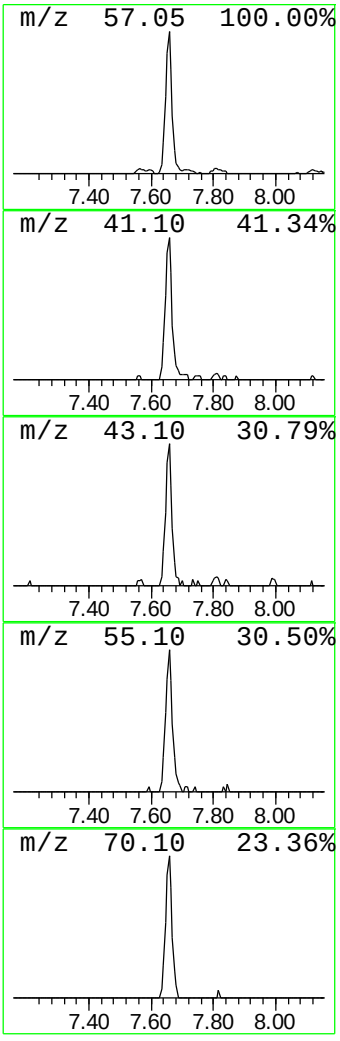
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	4.93 ng/ul	153615	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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

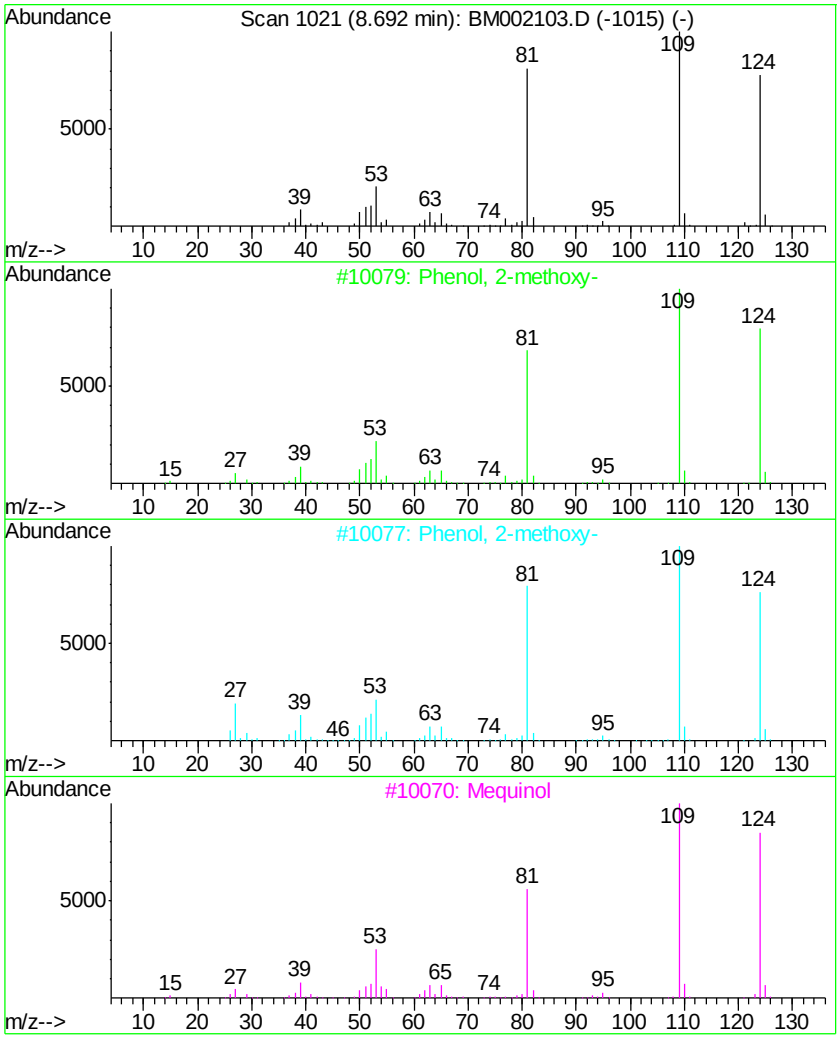
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

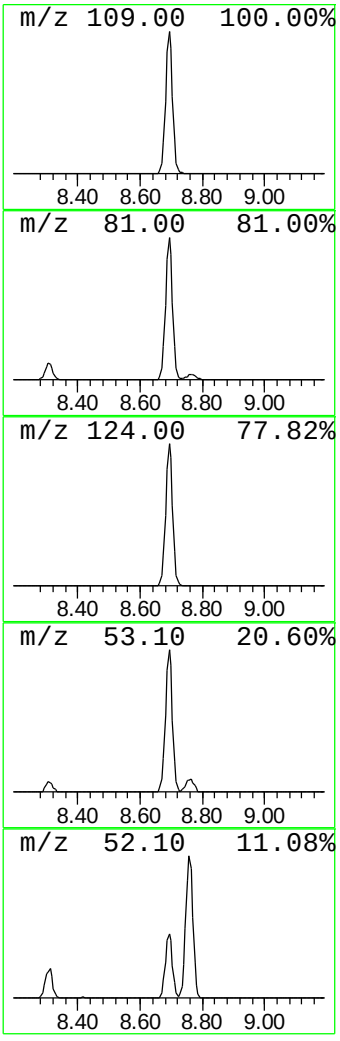
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	19.95 ng/ul	621783	1,4-Dichlorobenzene-d4	7.60

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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

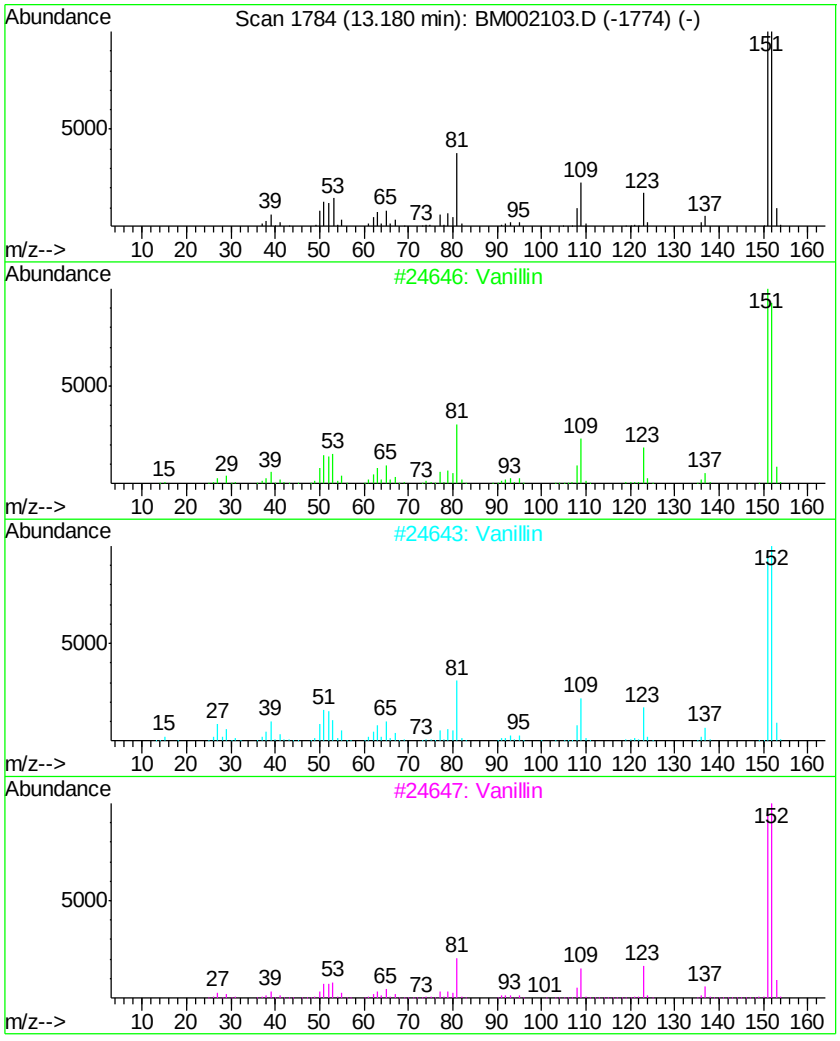
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

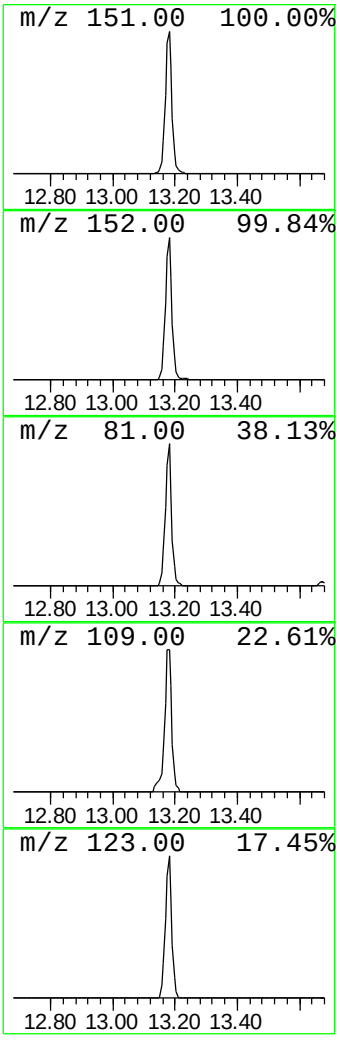
****

Peak Number 3 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	5.16 ng/ul	355587	Acenaphthene-d10	14.26

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





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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

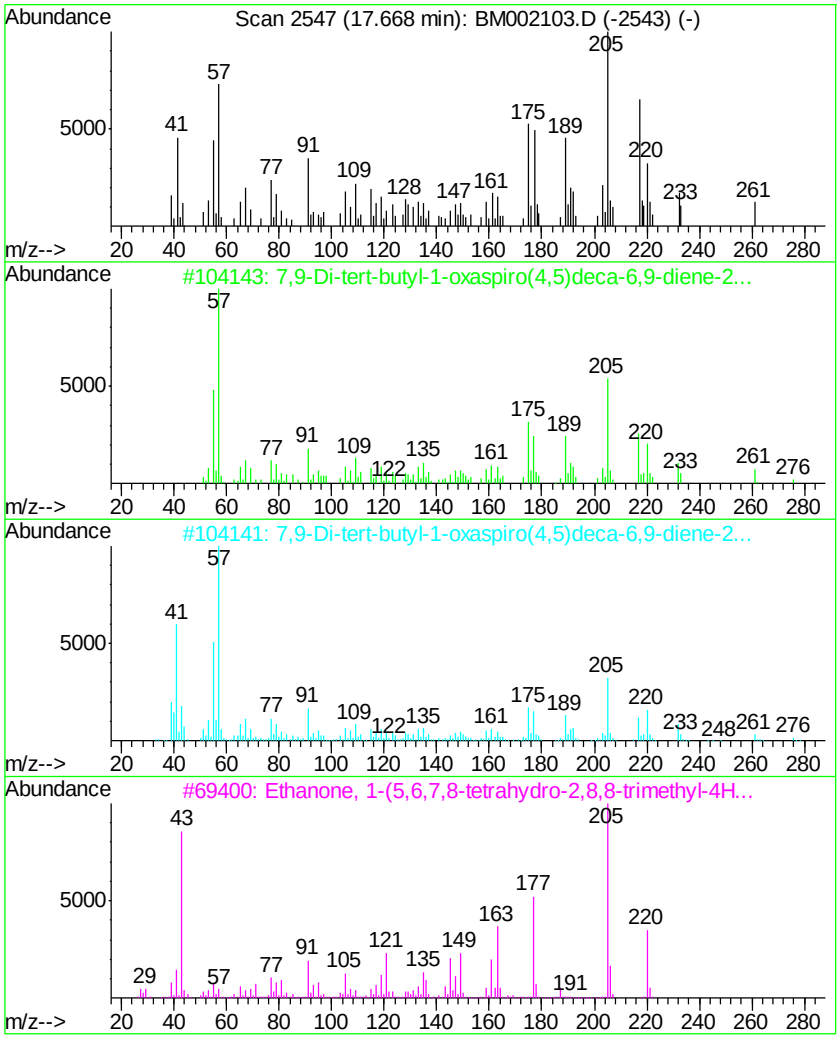
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

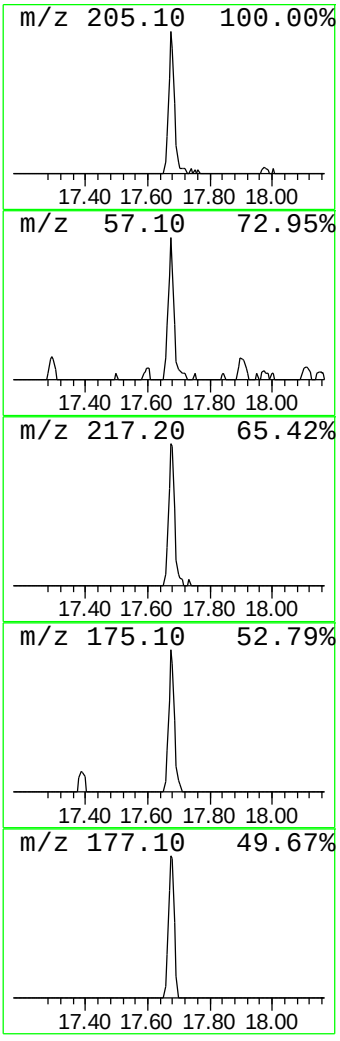
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.11 ng/ul	180701	Phenanthrene-d10	17.01

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	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	87
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	70
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 : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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

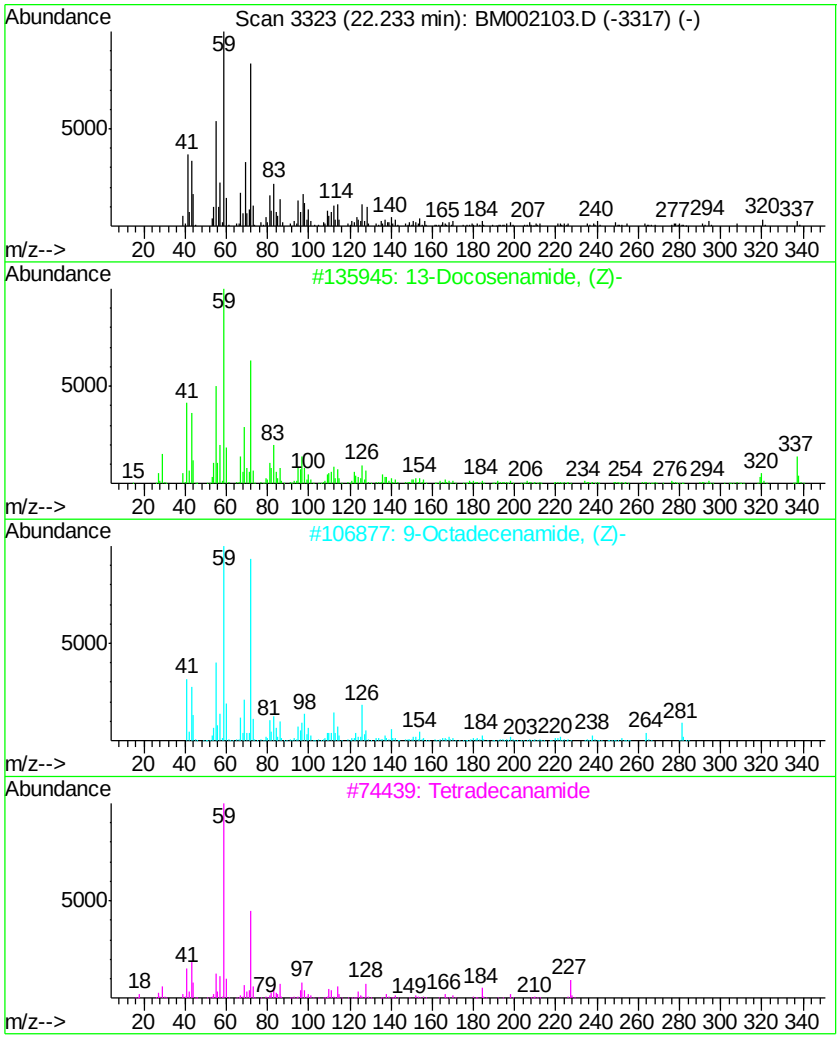
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

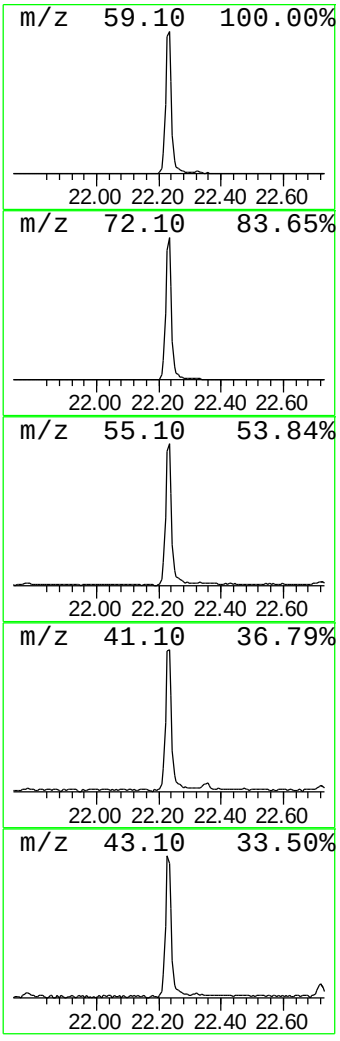
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	7.26 ng/ul	843533	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
5	Octadecanamide	283	C18H37NO	000124-26-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002103.D
Acq On : 28 Jul 2015 20:46
Operator : TP/UM
Sample : G3037-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M5

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-	7.66	4.9	ng/ul	153615	1	7.60	623240	20.0
Phenol, 2-methoxy-	8.69	19.9	ng/ul	621783	1	7.60	623240	20.0
Vanillin	13.18	5.2	ng/ul	355587	3	14.26	1378420	20.0
7,9-Di-tert-butyl...	17.67	2.1	ng/ul	180701	4	17.01	1713200	20.0
13-Docosenamide, ...	22.23	7.3	ng/ul	843533	5	21.21	2322990	20.0