LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 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	3.069	60	65	70	rVB	6241	7903	0.20%	0.021%
2	4.163	248	251	256	rBB	10199	12395	0.31%	0.033%
3	4.634	328	331	337	rBB	7979	11691	0.30%	0.031%
4	5.104	408	411	414	rBB	3969	4428	0.11%	0.012%
5	5.146	414	418	422	rBB	4937	6637	0.17%	0.018%
6	5.675	500	508	516	rBB2	16306	32590	0.83%	0.087%
7	6.246	602	605	609	rBB	3750	4465	0.11%	0.012%
8	6.704	678	683	685	rBV2	3468	4361	0.11%	0.012%
9	6.769	685	694	703	rVB2	119901	240927	6.12%	0.645%
10	6.940	716	723	731	rBB	418984	649963	16.51%	1.739%
11	7.128	747	755	765	rBB	491706	754056	19.16%	2.017%
12	7.598	826	835	840	rBV	445351	708622	18.00%	1.896%
13	7.657	840	845	851	rVB	86438	126145	3.20%	0.338%
14	7.810	867	871	875	rBV	5101	7530	0.19%	0.020%
15	8.116	920	923	926	rBV3	3410	4470	0.11%	0.012%
16	8.210	933	939	943	rBV4	5073	9972	0.25%	0.027%
17	8.310	949	956	965	rBV	365100	594897	15.11%	1.592%
18	8.422	970	975	980	rVB	23145	34546	0.88%	0.092%
19	8.563	994	999	1004	rBB	16615	22747	0.58%	0.061%
20	8.692	1015	1021	1026	rBV	333861	514861	13.08%	1.378%
21	8.763	1026	1033	1039	rVV	535464	903422	22.95%	2.417%
22	8.810	1039	1041	1046	rVB2	4342	5301	0.13%	0.014%
23	8.916	1055	1059	1064	rVB2	19315	27093	0.69%	0.072%
24	9.322	1123	1128	1133	rBB	26803	36356	0.92%	0.097%
25	9.475	1145	1154	1162	rBB	507110	812175	20.63%	2.173%
26	9.651	1177	1184	1189	rBB4	6975	12113	0.31%	0.032%
27	9.716	1190	1195	1200	rBB3	2959	4722	0.12%	0.013%
28	9.875	1217	1222	1229	rBB3	4454	9011	0.23%	0.024%
29	10.010	1238	1245	1258	rBV	744986	1192622	30.30%	3.191%
30	10.169	1267	1272	1281	rBB2	21450	36551	0.93%	0.098%
31	10.298	1290	1294	1300	rBB4	6675	10688	0.27%	0.029%
32	10.386	1301	1309	1315	rBV	653811	1073766	27.28%	2.873%
33	10.434	1315	1317	1322	rVB3	18628	24911	0.63%	0.067%
34	10.528	1328	1333	1341	rBB	28702	46281	1.18%	0.124%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 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	10.686	1357	1360	1364	rBB3	7795	9781	0.25%	0.026%
36	10.928	1396	1401	1405	rVB2	4045	6116	0.16%	0.016%
37	11.039	1414	1420	1424	rBV	14077	23091	0.59%	0.062%
38	11.186	1441	1445	1451	rBB2	6362	10332	0.26%	0.028%
39	11.563	1505	1509	1513	rBV2	7439	10227	0.26%	0.027%
40	11.645	1518	1523	1529	rVB	12832	17407	0.44%	0.047%
41	11.739	1535	1539	1545	rVB2	6079	7241	0.18%	0.019%
42	12.598	1680	1685	1695	rBV	40893	68996	1.75%	0.185%
43	12.704	1700	1703	1708	rVB2	3116	4366	0.11%	0.012%
44	12.851	1723	1728	1735	rBV	83770	121694	3.09%	0.326%
45	13.180	1775	1784	1795	rBB	166926	240659	6.11%	0.644%
46	13.575	1847	1851	1855	rBB3	5244	6229	0.16%	0.017%
47	13.675	1861	1868	1874	rBV	1362506	1814782	46.10%	4.855%
48	13.786	1882	1887	1892	rBB	4375	5642	0.14%	0.015%
49	13.951	1908	1915	1922	rBV	1509568	2194761	55.76%	5.872%
50	14.122	1940	1944	1950	rVB	14345	19855	0.50%	0.053%
51	14.263	1961	1968	1977	rBB2	1017939	1544934	39.25%	4.134%
52	14.339	1978	1981	1984	rBB2	4942	6325	0.16%	0.017%
53	14.474	1998	2004	2017	rVB	112386	168979	4.29%	0.452%
54	14.686	2036	2040	2047	rVB2	3419	5114	0.13%	0.014%
55	14.857	2065	2069	2075	rBB	26733	31380	0.80%	0.084%
56	14.957	2079	2086	2087	rBV	4038	5999	0.15%	0.016%
57	15.010	2092	2095	2099	rVV	25382	31904	0.81%	0.085%
58	15.057	2099	2103	2106	rVV	24217	33064	0.84%	0.088%
59	15.086	2106	2108	2114	rVB	31885	37920	0.96%	0.101%
60	15.257	2130	2137	2144	rVB	1996899	2741077	69.64%	7.334%
61	15.392	2154	2160	2168	rBV	662298	919152	23.35%	2.459%
62	15.498	2172	2178	2181	rVB2	7988	10783	0.27%	0.029%
63	15.627	2196	2200	2204	rBV	11910	15049	0.38%	0.040%
64	16.068	2272	2275	2286	rBV	5162	10742	0.27%	0.029%
65	16.151	2286	2289	2293	rVB	5660	6687	0.17%	0.018%
66	16.268	2304	2309	2317	rVB	2938	5167	0.13%	0.014%
67	16.798	2394	2399	2407	rVB	4480	5558	0.14%	0.015%
68	17.010	2429	2435	2441	rBV	1364947	1887583	47.95%	5.050%
69	17.110	2445	2452	2460	rBV	2235052	3018250	76.68%	8.075%
70	17.292	2477	2483	2488	rBV	14761	18220	0.46%	0.049%
71	17.674	2544	2548	2555	rBV	303070	366060	9.30%	0.979%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 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	17.904	2583	2587	2594	rBV	20507	24286	0.62%	0.065%
73	17.980	2594	2600	2605	rVV	26727	30799	0.78%	0.082%
74	18.115	2618	2623	2627	rBV	3356	4805	0.12%	0.013%
75	18.880	2749	2753	2759	rVB	4858	5214	0.13%	0.014%
76	19.192	2802	2806	2811	rBV4	6318	7826	0.20%	0.021%
77	19.298	2820	2824	2830	rVB	18006	21956	0.56%	0.059%
78	19.415	2837	2844	2854	rBV	2651670	3651868	92.78%	9.771%
79	19.645	2878	2883	2887	rBV2	3289	4836	0.12%	0.013%
80	20.345	2999	3002	3005	rBV4	2911	4348	0.11%	0.012%
81	20.415	3008	3014	3018	rVV2	10979	14813	0.38%	0.040%
82	20.762	3069	3073	3078	rVB2	17589	18859	0.48%	0.050%
83	21.003	3109	3114	3117	rBV3	20951	24160	0.61%	0.065%
84	21.121	3131	3134	3137	rVB2	9387	10109	0.26%	0.027%
85	21.209	3143	3149	3155	rBV	2042716	2480254	63.01%	6.636%
86	21.309	3163	3166	3169	rBV3	6437	6453	0.16%	0.017%
87	21.786	3243	3247	3251	rBV6	5807	6922	0.18%	0.019%
88	22.239	3318	3324	3335	rBV	535927	714501	18.15%	1.912%
89	22.686	3395	3400	3404	rBV2	22703	35214	0.89%	0.094%
90	22.727	3404	3407	3412	rVB2	17294	23205	0.59%	0.062%
91	23.280	3492	3501	3509	rVB	2115547	3936196	100.00%	10.531%
92	23.415	3516	3524	3532	rVB	1419833	2535316	64.41%	6.783%
93	23.903	3602	3607	3615	rVB	32969	64922	1.65%	0.174%
94	24.244	3660	3665	3669	rVB4	12824	21418	0.54%	0.057%
95	24.627	3724	3730	3738	rVB2	36613	82540	2.10%	0.221%
96	25.474	3868	3874	3882	rVB4	29392	71267	1.81%	0.191%
97	26.468	4037	4043	4052	rVB4	23342	70655	1.80%	0.189%
98	28.821	4437	4443	4455	rVB4	35580	123780	3.14%	0.331%

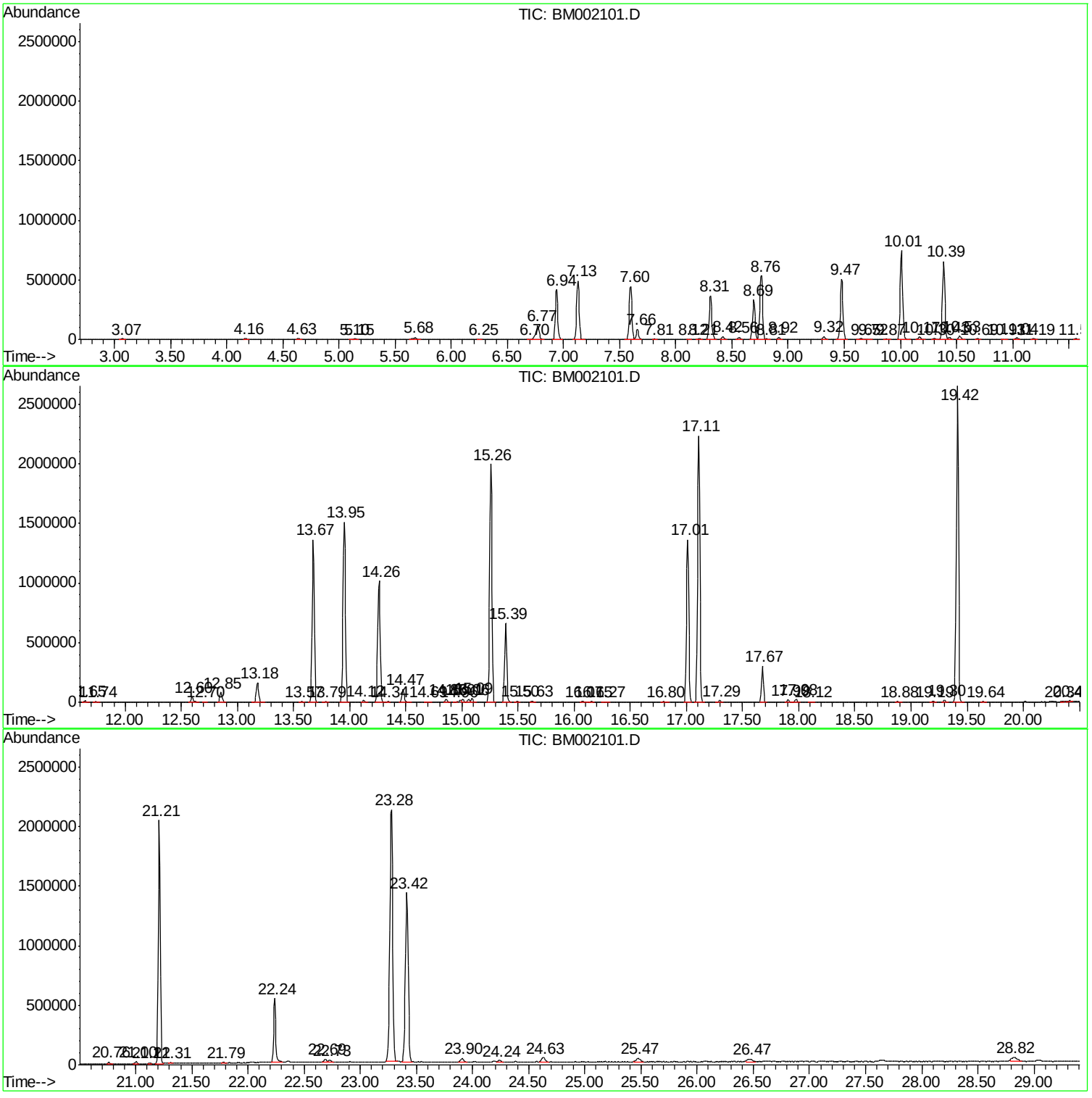
Sum of corrected areas: 37375866

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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Quant Title : SVOA CALIBRATION

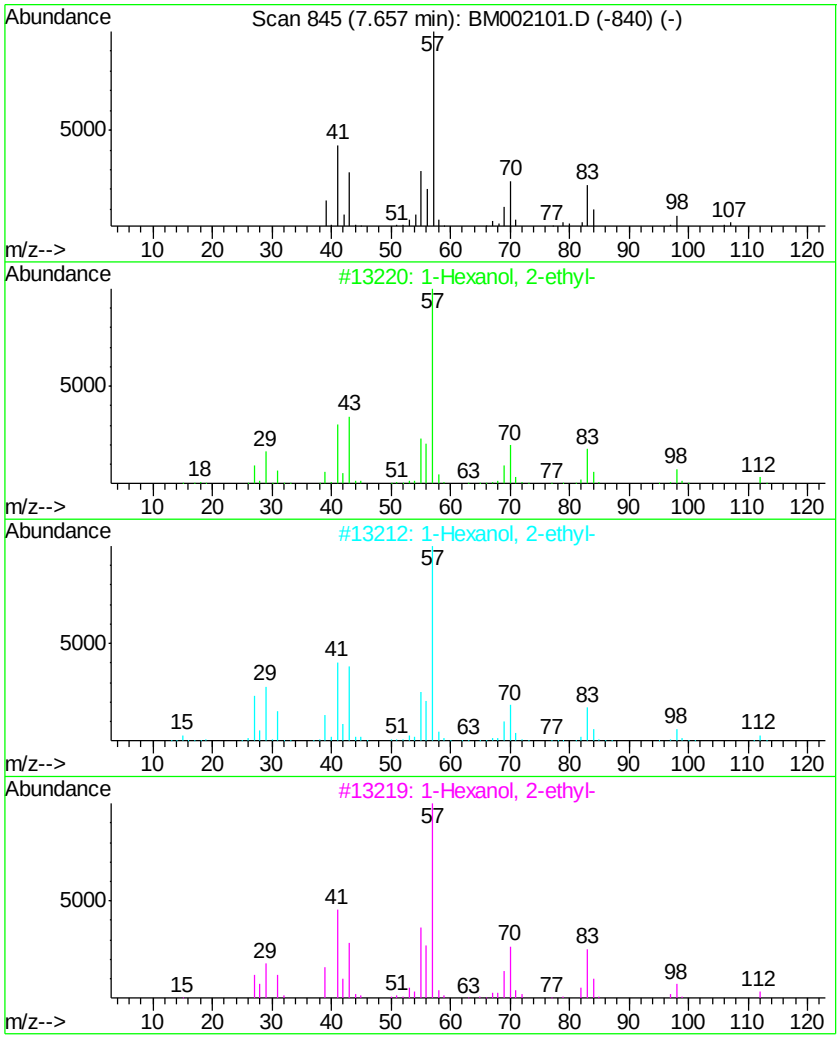
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

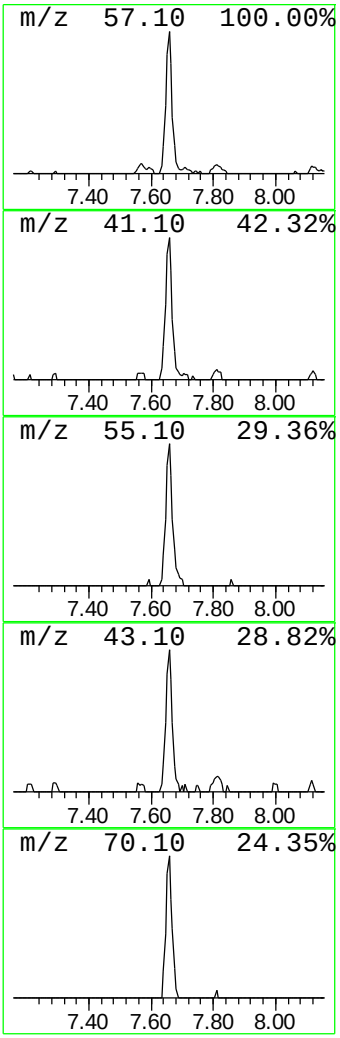
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	3.56 ng/ul	126145	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	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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

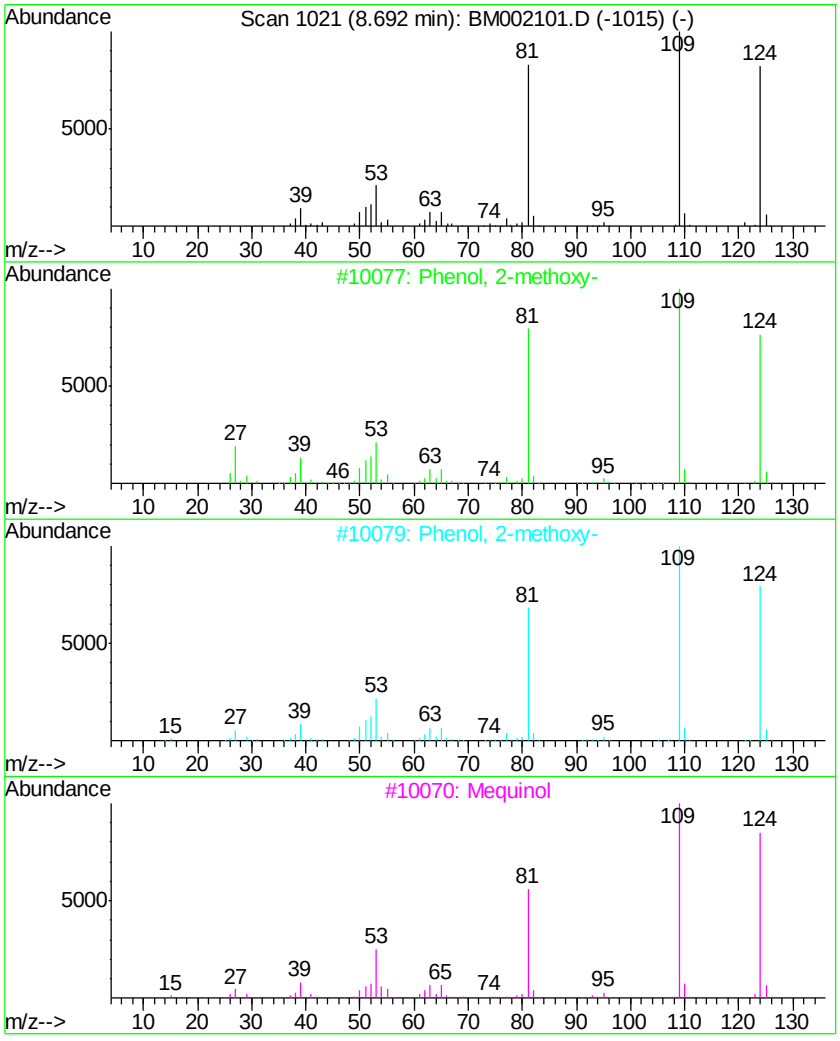
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

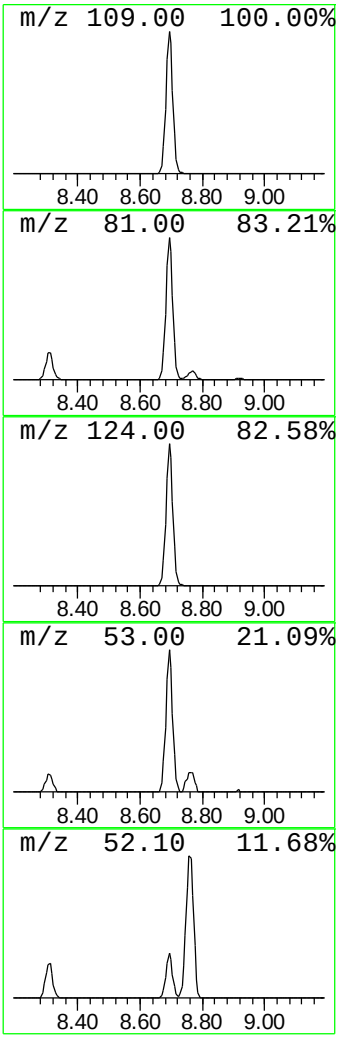
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	14.53 ng/ul	514861	1,4-Dichlorobenzene-d4	7.60

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	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 : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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

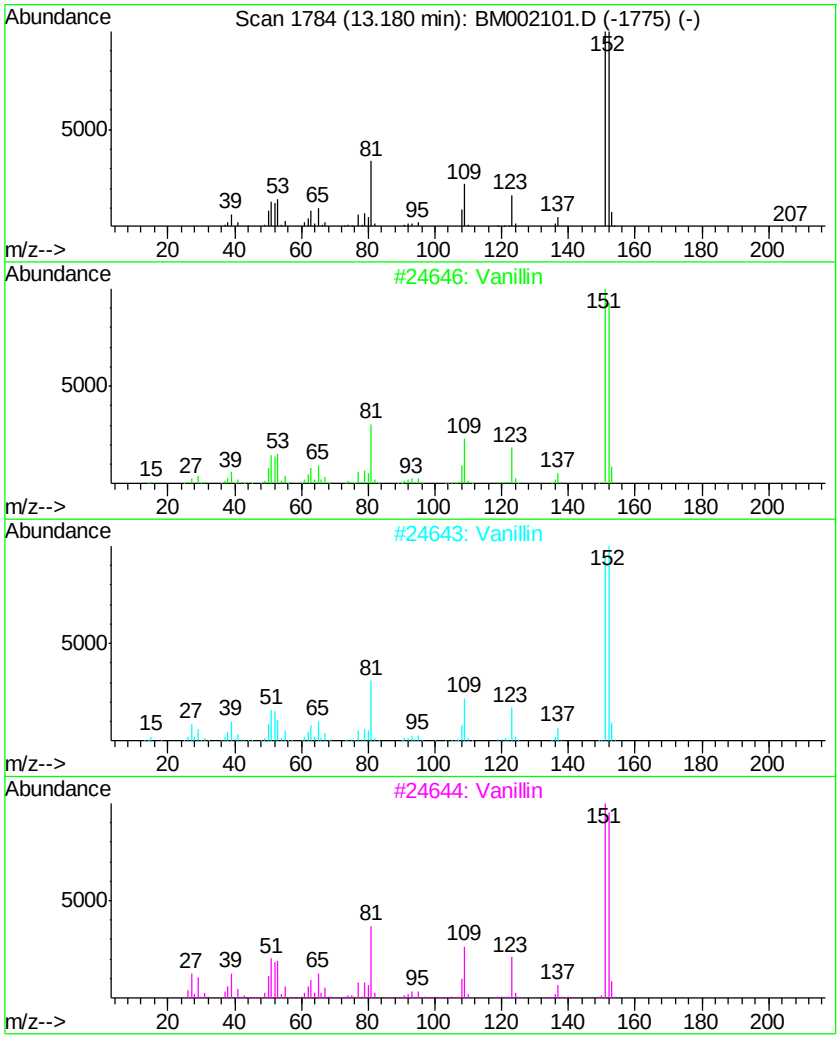
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

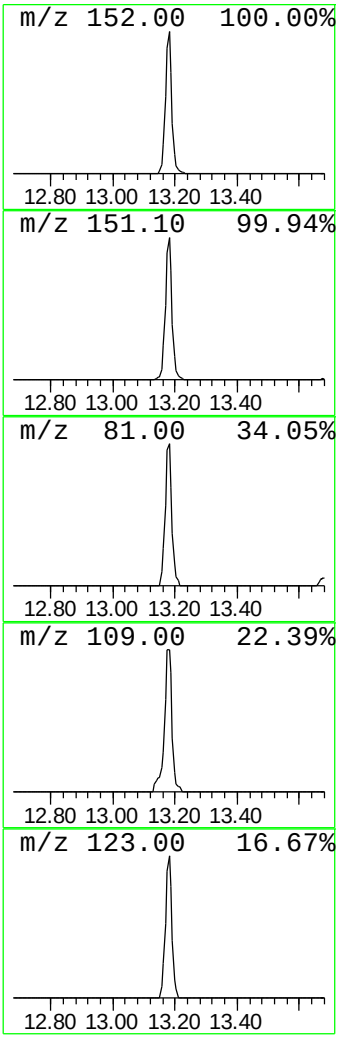
****

Peak Number 3 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	3.12 ng/ul	240659	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	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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

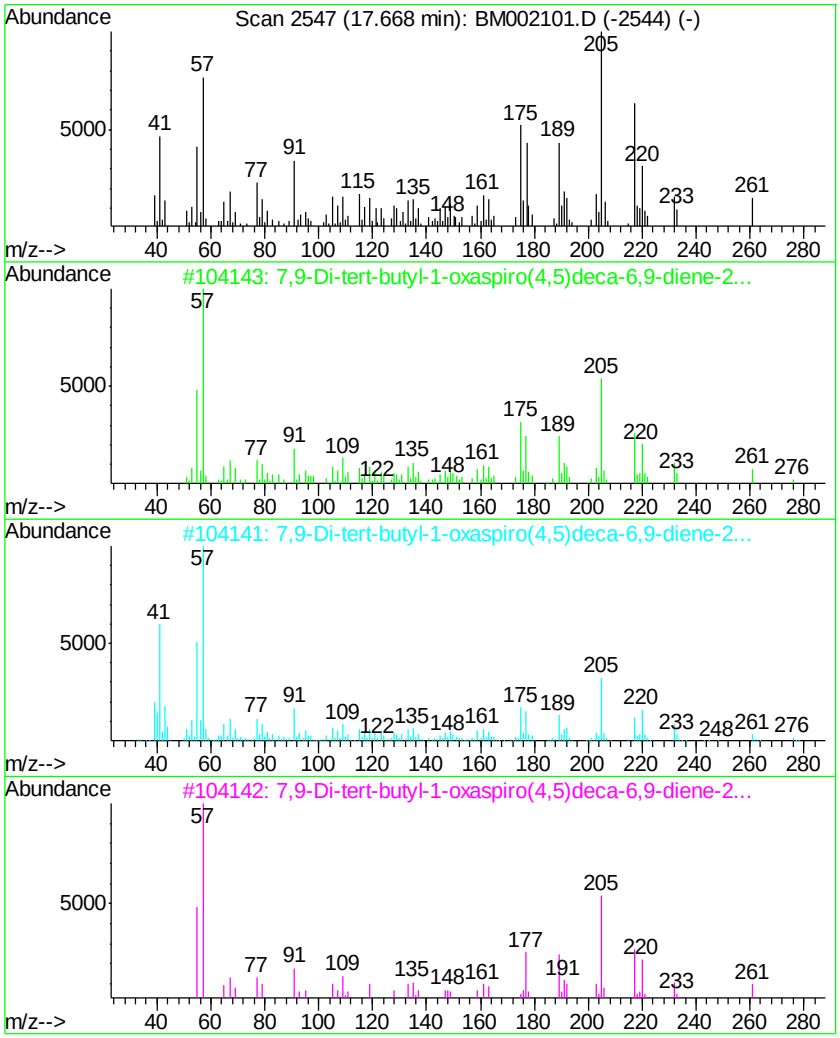
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

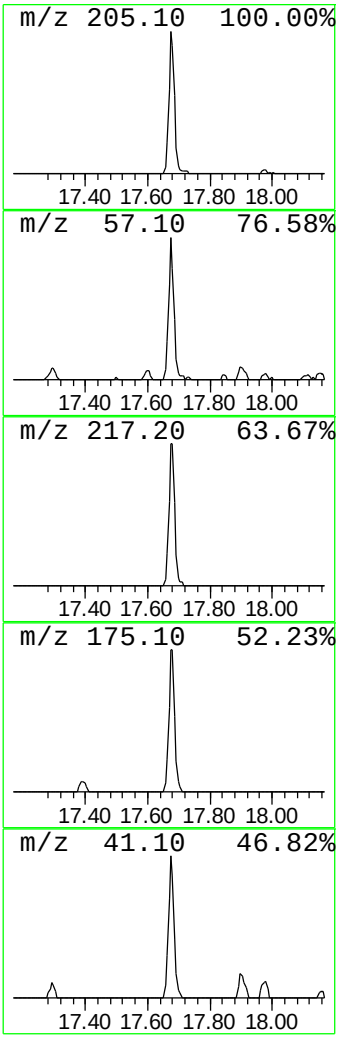
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.88 ng/ul	366060	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	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M6

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

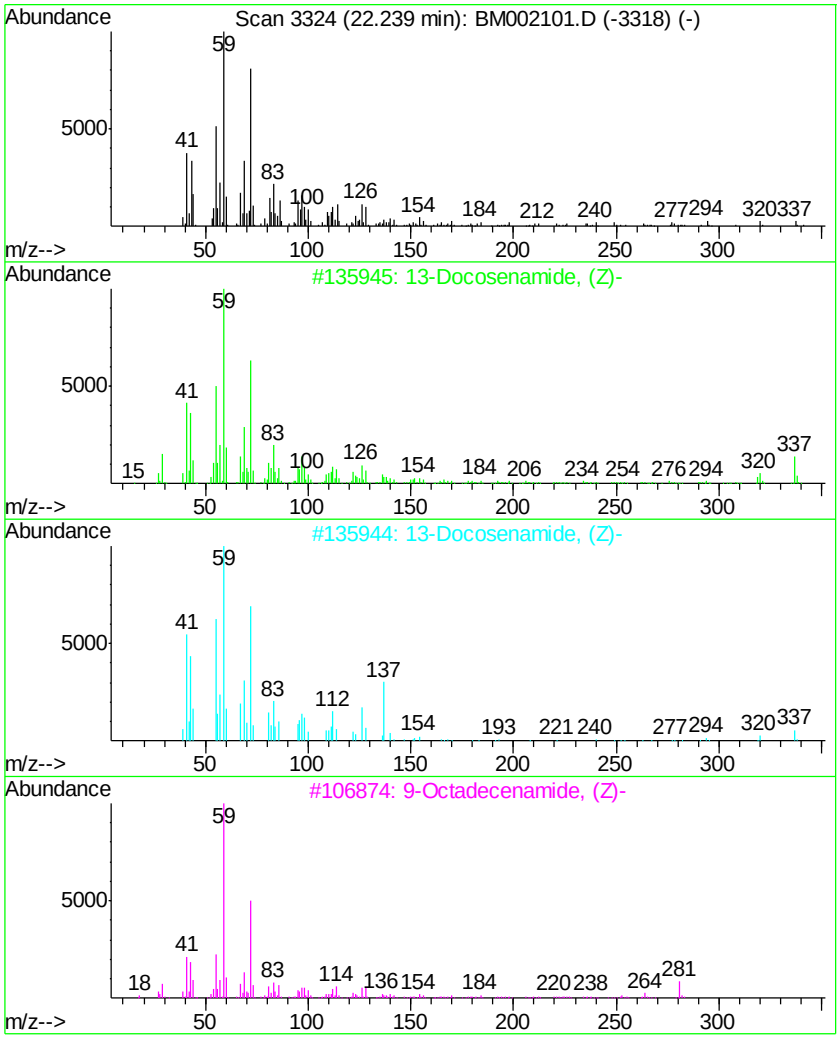
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

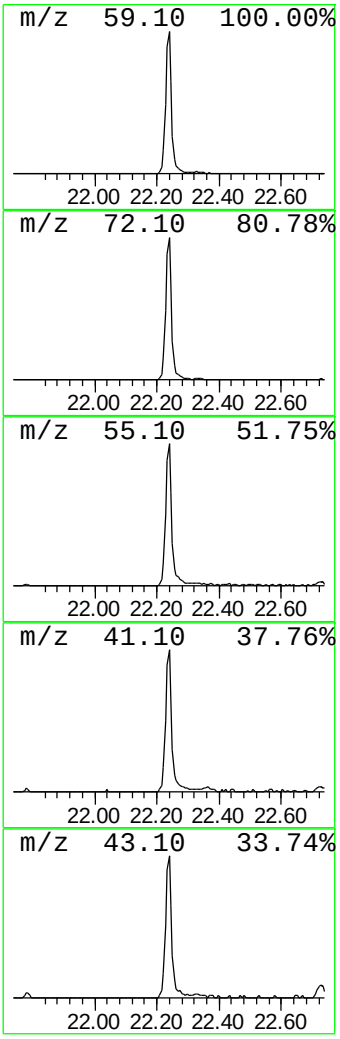
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	5.76 ng/ul	714501	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	80
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	46
5	Dodecanamide	199	C12H25NO	001120-16-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002101.D
Acq On : 28 Jul 2015 19:32
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 10 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-	7.66	3.6	ng/ul	126145	1	7.60	708622	20.0
Phenol, 2-methoxy-	8.69	14.5	ng/ul	514861	1	7.60	708622	20.0
Vanillin	13.18	3.1	ng/ul	240659	3	14.26	1544930	20.0
7,9-Di-tert-butyl...	17.67	3.9	ng/ul	366060	4	17.01	1887580	20.0
13-Docosenamide, ...	22.24	5.8	ng/ul	714501	5	21.21	2480250	20.0