LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

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-BG073115.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	4.065	231	234	239	rVB4	3110	3580	0.24%	0.028%
2	5.035	397	399	405	rVB5	2129	3194	0.22%	0.025%
3	5.528	480	483	485	rBV2	2106	2746	0.19%	0.021%
4	5.575	487	491	497	rVB4	4070	7042	0.48%	0.055%
5	6.134	583	586	592	rBV5	1934	2675	0.18%	0.021%
6	6.592	662	664	665	rBV	3209	2576	0.18%	0.020%
7	6.621	665	669	673	rVV4	7820	14679	1.00%	0.114%
8	6.668	673	677	685	rVB	38007	59155	4.03%	0.461%
9	6.821	697	703	711	rBV	121109	187214	12.76%	1.458%
10	7.015	729	736	743	rBV	132866	212560	14.49%	1.656%
11	7.479	809	815	820	rVV	117591	171655	11.70%	1.337%
12	7.550	820	827	833	rVV2	19841	32559	2.22%	0.254%
13	8.102	918	921	927	rVB4	1982	2781	0.19%	0.022%
14	8.196	932	937	946	rBV	116965	185524	12.64%	1.445%
15	8.296	951	954	959	rVB4	6434	9966	0.68%	0.078%
16	8.454	978	981	985	rBV2	4328	5211	0.36%	0.041%
17	8.572	996	1001	1006	rBV	97491	143213	9.76%	1.116%
18	8.631	1006	1011	1019	rVB	174373	275080	18.75%	2.143%
19	8.807	1037	1041	1046	rVB3	6847	9608	0.65%	0.075%
20	9.212	1104	1110	1113	rVV2	7454	11661	0.79%	0.091%
21	9.353	1126	1134	1141	rBV	160123	265011	18.06%	2.065%
22	9.530	1159	1164	1169	rVB3	4917	9331	0.64%	0.073%
23	9.776	1201	1206	1212	rVB3	4204	6587	0.45%	0.051%
24	9.888	1218	1225	1235	rBV	222713	361233	24.62%	2.814%
25	10.047	1244	1252	1258	rBV4	11975	20581	1.40%	0.160%
26	10.182	1274	1275	1279	rVV3	3263	2985	0.20%	0.023%
27	10.258	1281	1288	1294	rVV	170896	270970	18.47%	2.111%
28	10.299	1294	1295	1297	rVV	3305	3287	0.22%	0.026%
29	10.323	1297	1299	1303	rVB2	3616	4682	0.32%	0.036%
30	10.411	1309	1314	1320	rVB2	9630	17419	1.19%	0.136%
31	10.570	1337	1341	1345	rBV	3898	4522	0.31%	0.035%
32	10.905	1395	1398	1405	rVV3	4986	8045	0.55%	0.063%
33	11.445	1485	1490	1493	rBV2	2690	4632	0.32%	0.036%
34	11.557	1506	1509	1513	rVV3	4374	5894	0.40%	0.046%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

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-BG073115.M
Title : SVOA CALIBRATION

35	11.627	1518	1521	1526	rVV4	2971	4358	0.30%	0.034%
36	12.038	1589	1591	1597	rVB2	1642	2598	0.18%	0.020%
37	12.379	1645	1649	1653	rBV3	3286	4379	0.30%	0.034%
38	12.491	1662	1668	1677	rVB	18943	30969	2.11%	0.241%
39	12.749	1706	1712	1717	rVB	35969	49714	3.39%	0.387%
40	13.067	1757	1766	1774	rBV2	46943	74810	5.10%	0.583%
41	13.572	1844	1852	1859	rVV	479460	680784	46.39%	5.304%
42	13.689	1868	1872	1878	rBV3	2083	3325	0.23%	0.026%
43	13.842	1891	1898	1909	rBV	498210	746035	50.84%	5.812%
44	14.019	1924	1928	1933	rVV4	5624	7899	0.54%	0.062%
45	14.154	1945	1951	1958	rBV2	278163	421243	28.71%	3.282%
46	14.383	1985	1990	1996	rBV	49941	71412	4.87%	0.556%
47	14.765	2048	2055	2059	rVB	10098	13139	0.90%	0.102%
48	14.894	2073	2077	2078	rBV2	3186	3735	0.25%	0.029%
49	14.970	2086	2090	2092	rBV2	13437	17038	1.16%	0.133%
50	14.994	2092	2094	2098	rVB	10705	10820	0.74%	0.084%
51	15.152	2114	2121	2127	rBV	698112	978520	66.68%	7.623%
52	15.288	2138	2144	2156	rBV	278092	390121	26.59%	3.039%
53	15.393	2156	2162	2165	rBV2	5067	5082	0.35%	0.040%
54	15.528	2181	2185	2191	rVB4	4311	5760	0.39%	0.045%
55	16.175	2291	2295	2299	rBV2	3147	5823	0.40%	0.045%
56	16.286	2312	2314	2317	rVB	2354	2518	0.17%	0.020%
57	16.698	2381	2384	2389	rVB2	2141	2803	0.19%	0.022%
58	16.903	2413	2419	2427	rBV	421622	589826	40.19%	4.595%
59	17.003	2430	2436	2444	rBV2	843767	1196135	81.51%	9.318%
60	17.209	2467	2471	2476	rBV2	6561	9064	0.62%	0.071%
61	17.591	2529	2536	2540	rBV	98879	125510	8.55%	0.978%
62	17.832	2572	2577	2581	rBV6	6778	8973	0.61%	0.070%
63	17.896	2584	2588	2595	rVV3	5809	10859	0.74%	0.085%
64	18.108	2621	2624	2629	rVB3	4067	5286	0.36%	0.041%
65	18.331	2659	2662	2667	rVB3	5669	8360	0.57%	0.065%
66	18.454	2680	2683	2686	rBV2	2589	2740	0.19%	0.021%
67	18.748	2731	2733	2735	rBV2	2533	2606	0.18%	0.020%
68	18.795	2737	2741	2747	rVB6	5687	10375	0.71%	0.081%
69	18.842	2747	2749	2752	rBV	2123	2569	0.18%	0.020%
70	19.130	2794	2798	2800	rVV3	2411	2668	0.18%	0.021%
71	19.201	2806	2810	2815	rBV	8643	10777	0.73%	0.084%

LSC Area Percent Report

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Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

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-BG073115.M
Title : SVOA CALIBRATION

72	19.318	2824	2830	2837	rVB	1105677	1467431	100.00%	11.432%
73	20.341	3000	3004	3006	rVB4	6861	6772	0.46%	0.053%
74	20.458	3020	3024	3026	rBV3	2072	3911	0.27%	0.030%
75	20.511	3031	3033	3036	rBV4	2182	2922	0.20%	0.023%
76	20.687	3059	3063	3065	rBV4	4553	5234	0.36%	0.041%
77	20.764	3074	3076	3078	rBV2	2966	3774	0.26%	0.029%
78	20.846	3087	3090	3093	rBV5	3274	4449	0.30%	0.035%
79	20.875	3093	3095	3098	rBV4	1980	2923	0.20%	0.023%
80	20.910	3098	3101	3104	rBV4	9958	10625	0.72%	0.083%
81	21.110	3130	3135	3141	rVB	579771	712000	48.52%	5.547%
82	21.228	3151	3155	3159	rBV7	16450	25351	1.73%	0.197%
83	21.433	3189	3190	3192	rBV2	5056	4137	0.28%	0.032%
84	21.521	3203	3205	3207	rBV3	3187	3320	0.23%	0.026%
85	21.792	3249	3251	3252	rBV2	4439	2751	0.19%	0.021%
86	21.892	3267	3268	3270	rBV2	4771	3718	0.25%	0.029%
87	22.062	3295	3297	3298	rBV2	4048	3337	0.23%	0.026%
88	22.144	3306	3311	3324	rVB	463601	684865	46.67%	5.335%
89	22.573	3380	3384	3391	rVV6	12847	16057	1.09%	0.125%
90	22.644	3394	3396	3402	rVB6	11625	15562	1.06%	0.121%
91	22.920	3441	3443	3445	rBV3	4873	4588	0.31%	0.036%
92	22.984	3452	3454	3458	rBV5	5067	8050	0.55%	0.063%
93	23.149	3475	3482	3495	rVB	766437	1325535	90.33%	10.326%
94	23.284	3498	3505	3513	rVB2	322777	609358	41.53%	4.747%
95	23.819	3593	3596	3598	rBV3	10479	12286	0.84%	0.096%
96	24.547	3716	3720	3726	rVB9	19552	32591	2.22%	0.254%
97	25.294	3845	3847	3850	rBV4	5012	5722	0.39%	0.045%
98	26.345	4024	4026	4027	rBV2	5125	3042	0.21%	0.024%
99	27.415	4206	4208	4210	rBV3	5977	6014	0.41%	0.047%
100	29.113	4495	4497	4498	rBV2	5677	3563	0.24%	0.028%

Sum of corrected areas: 12836379

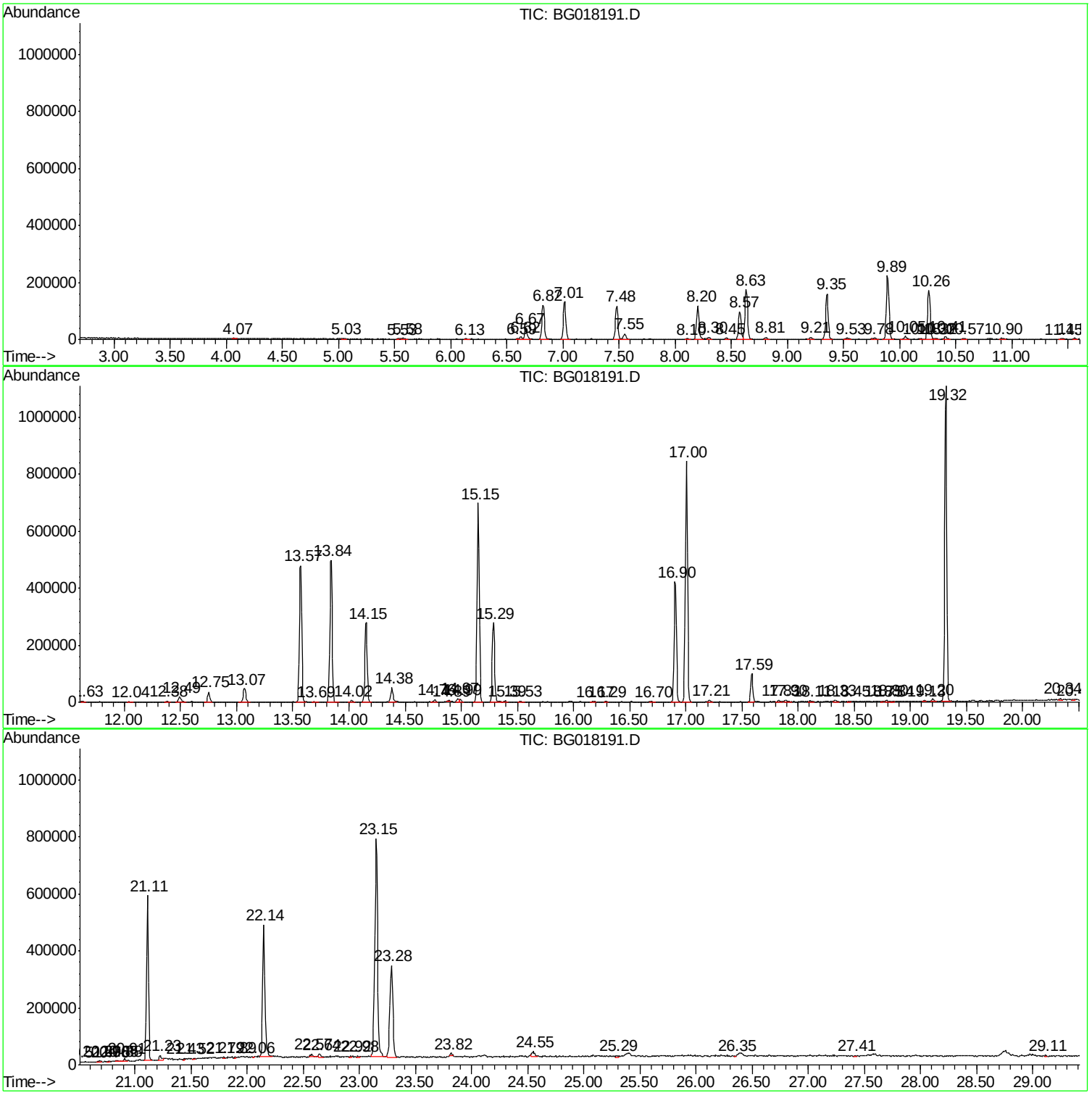
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

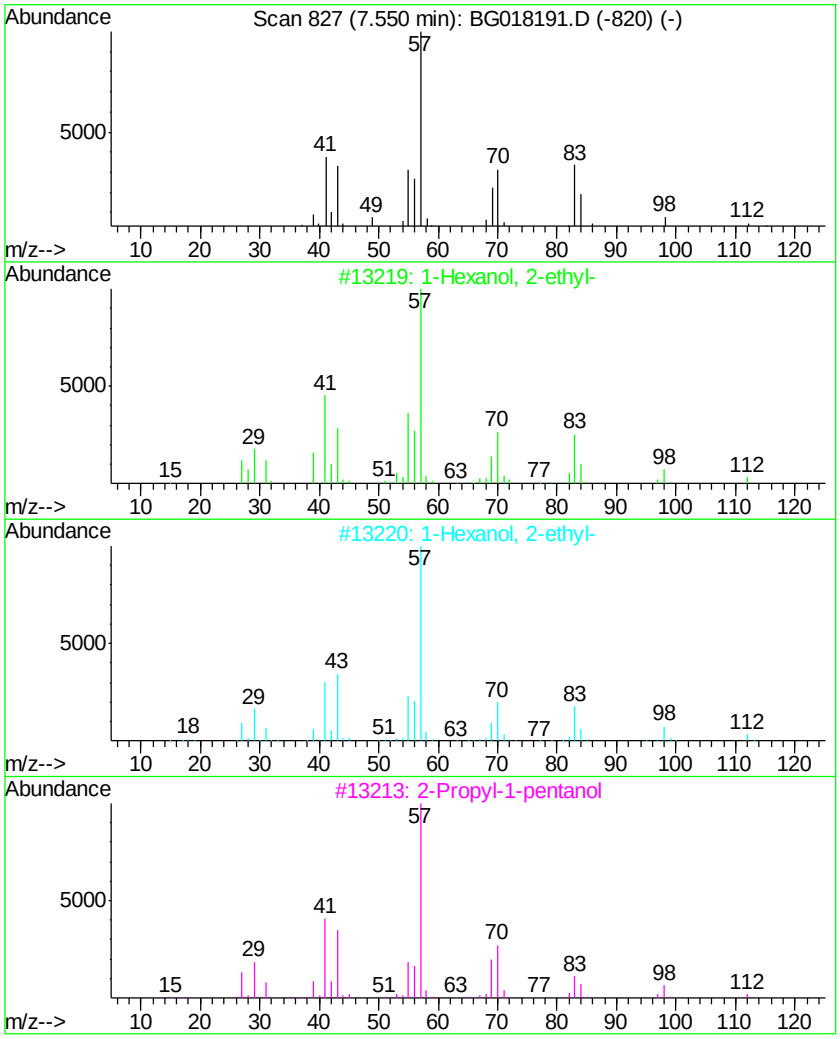
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

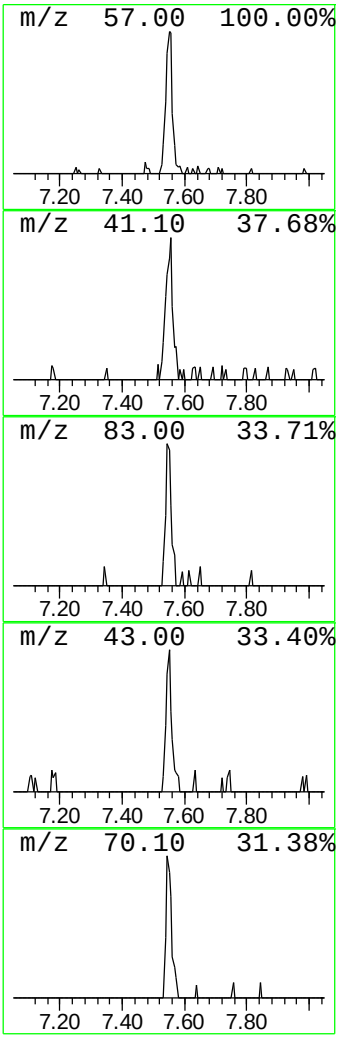
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.79 ng/ul	32559	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

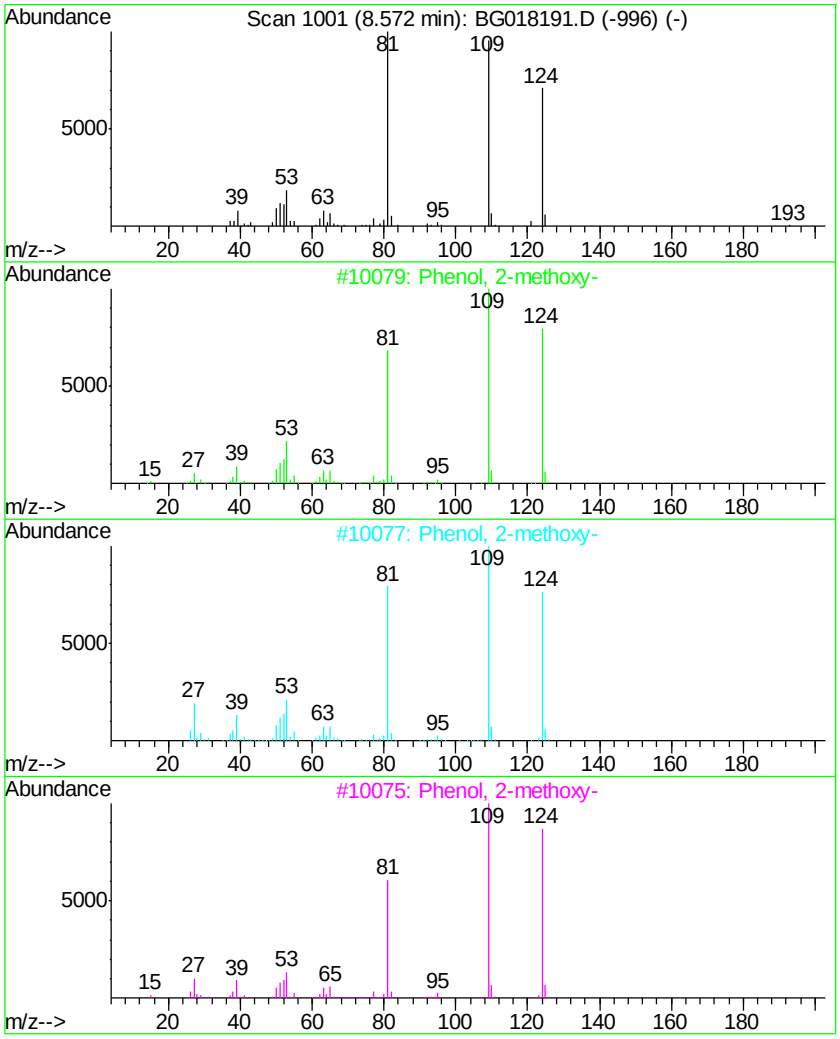
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

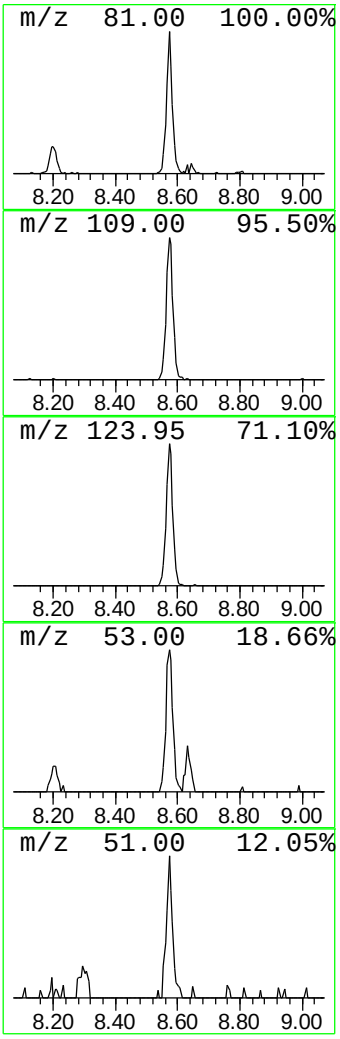
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	16.69 ng/ul	143213	1,4-Dichlorobenzene-d4	7.48

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	92
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80
5	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

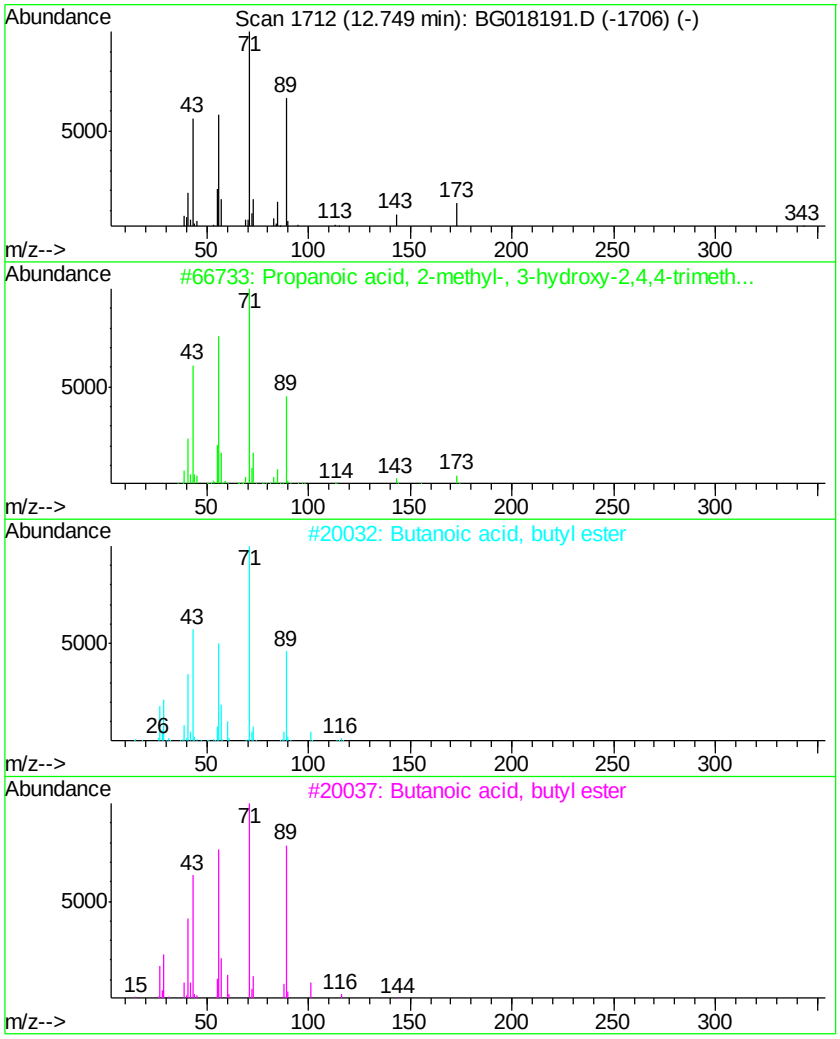
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

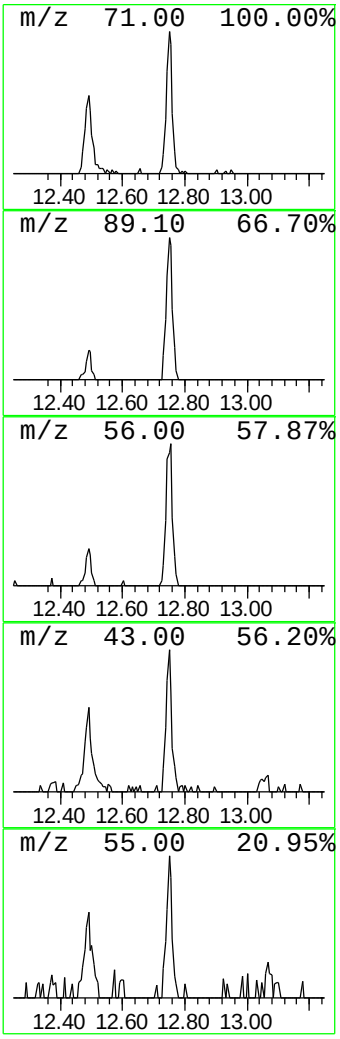
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.36 ng/ul	49714	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	83
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	56
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	56





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

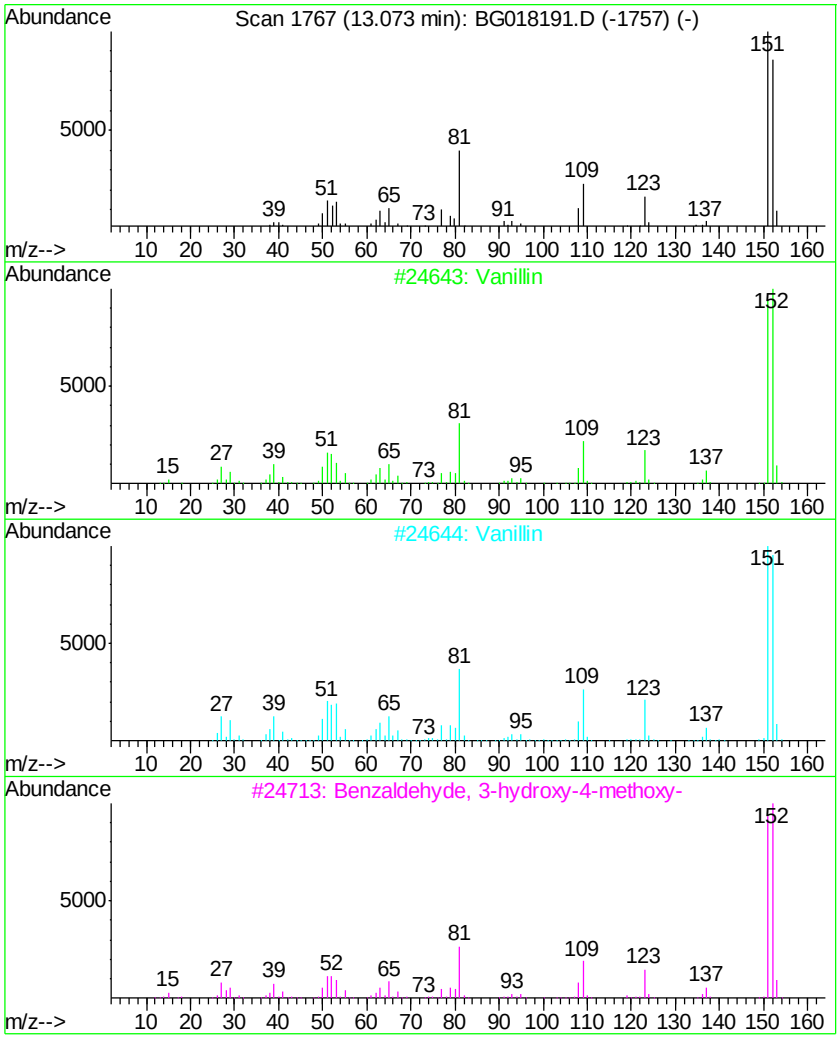
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

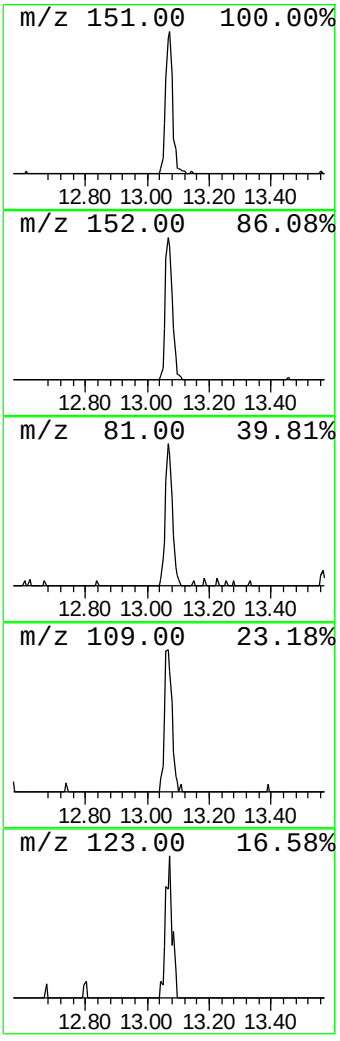
****

Peak Number 4 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.55 ng/ul	74810	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	93
2	Vanillin	152	C8H8O3	000121-33-5	83
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	83
4	Vanillin	152	C8H8O3	000121-33-5	80
5	Vanillin	152	C8H8O3	000121-33-5	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

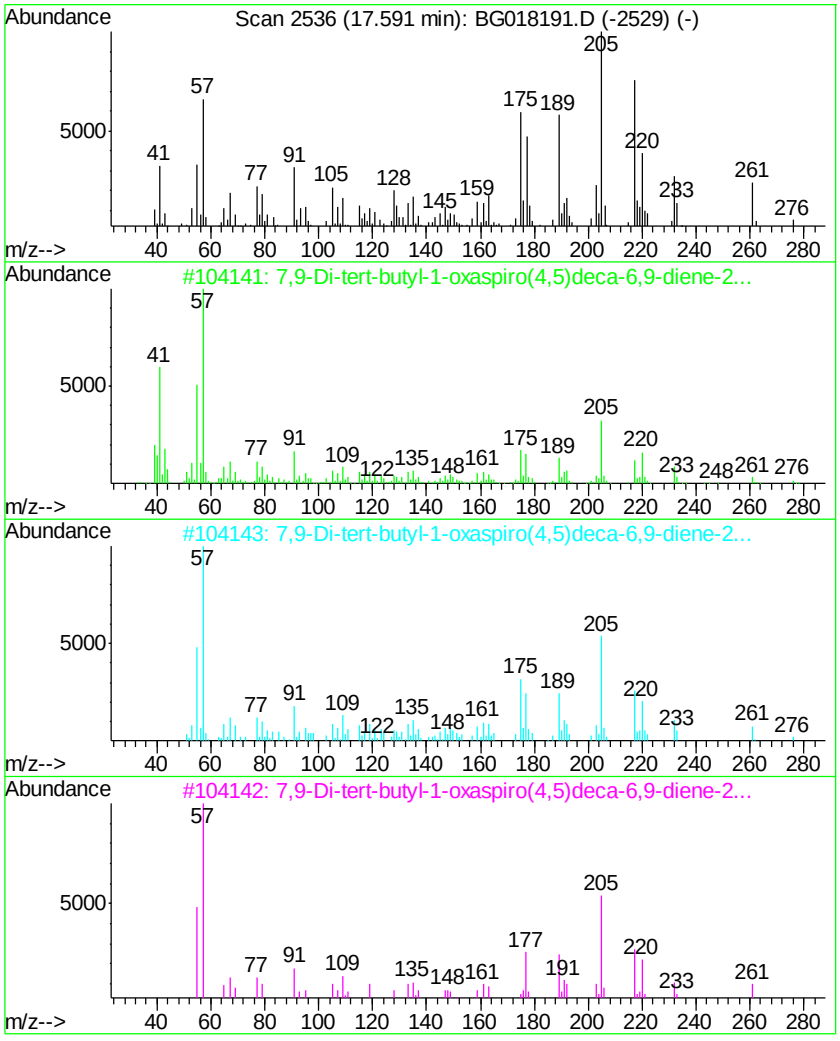
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

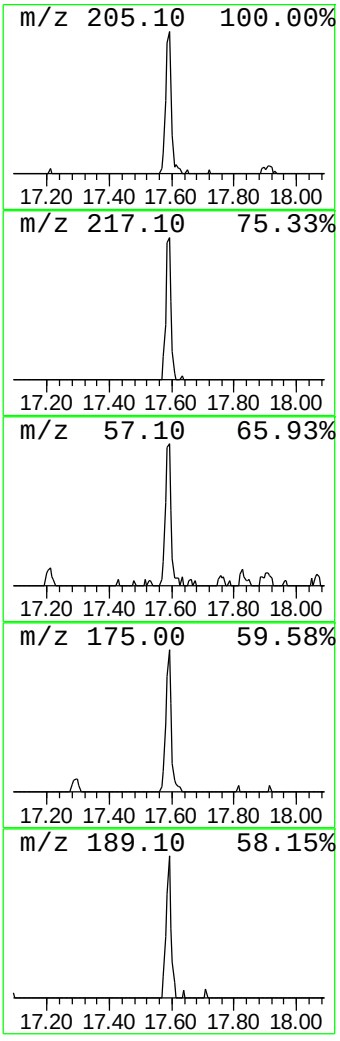
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	4.26 ng/ul	125510	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	70
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	46
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

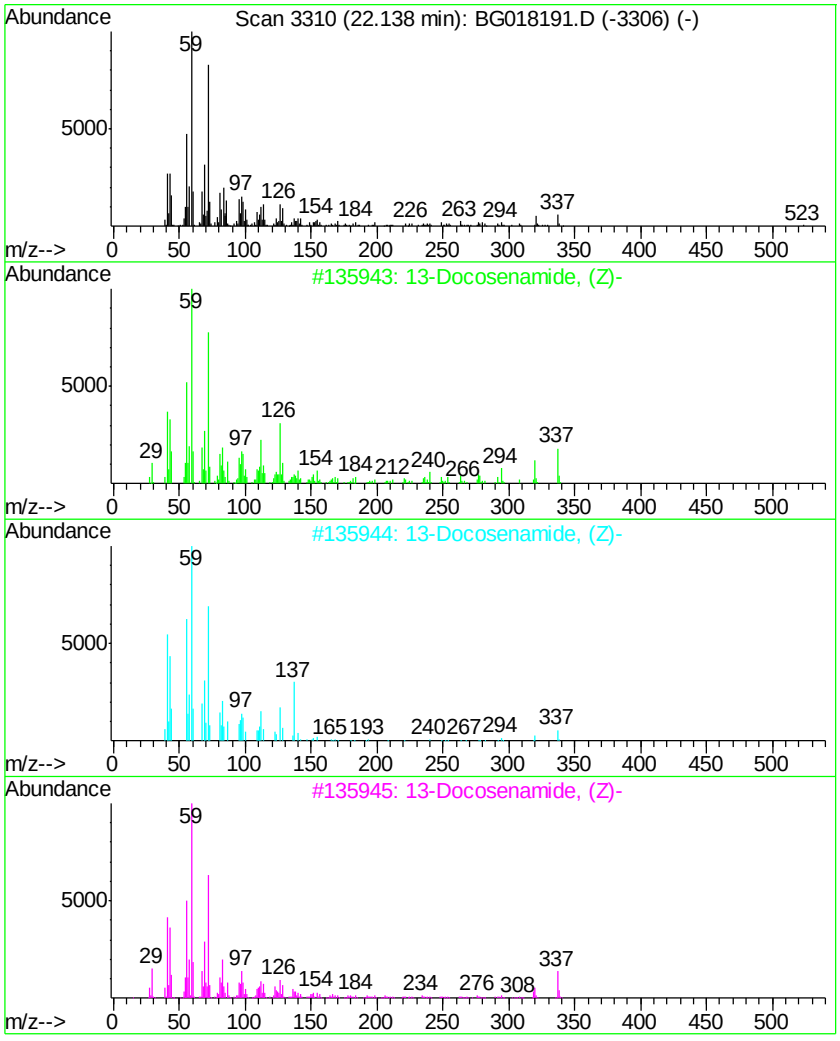
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

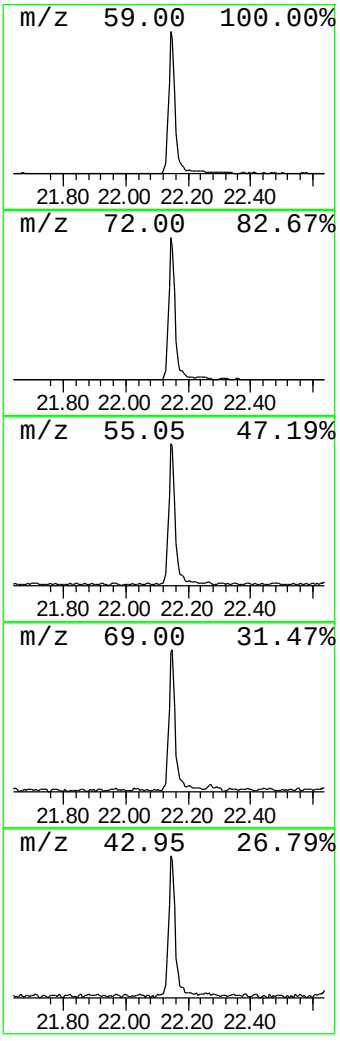
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	19.24 ng/ul	684865	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
5	Octadecanamide	283	C18H37NO	000124-26-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018191.D
Acq On : 31 Jul 2015 21:35
Operator : TP/UM
Sample : G3107-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02P1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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-	7.55	3.8	ng/ul	32559	1	7.48	171655	20.0
Phenol, 2-methoxy-	8.57	16.7	ng/ul	143213	1	7.48	171655	20.0
Propanoic acid, 2...	12.75	2.4	ng/ul	49714	3	14.15	421243	20.0
Vanillin	13.07	3.5	ng/ul	74810	3	14.15	421243	20.0
7,9-Di-tert-butyl...	17.59	4.3	ng/ul	125510	4	16.91	589826	20.0
13-Docosenamide, ...	22.14	19.2	ng/ul	684865	5	21.11	712000	20.0