LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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	6.695	677	682	688	rVB2	33884	54348	2.81%	0.349%
2	6.853	703	709	720	rVB	124999	189056	9.77%	1.213%
3	7.041	735	741	747	rBV	137762	208078	10.75%	1.335%
4	7.505	814	820	827	rBV	202940	312169	16.13%	2.002%
5	7.582	827	833	841	rVB2	26572	43570	2.25%	0.279%
6	7.752	860	862	863	rBV2	3175	1982	0.10%	0.013%
7	8.222	936	942	950	rVB	95021	149697	7.73%	0.960%
8	8.328	957	960	965	rVB2	6757	9339	0.48%	0.060%
9	8.481	983	986	991	rVB4	4148	6197	0.32%	0.040%
10	8.604	1001	1007	1011	rBV	61528	96406	4.98%	0.618%
11	8.663	1011	1017	1023	rVB	155453	249816	12.91%	1.602%
12	9.244	1112	1116	1120	rVB3	3510	4320	0.22%	0.028%
13	9.380	1131	1139	1147	rVB	138386	224949	11.62%	1.443%
14	9.568	1168	1171	1176	rVB6	2924	4674	0.24%	0.030%
15	9.920	1224	1231	1237	rVB	212820	344502	17.80%	2.210%
16	10.085	1253	1259	1263	rVB4	11263	18420	0.95%	0.118%
17	10.290	1287	1294	1300	rBV	319634	526793	27.22%	3.379%
18	10.343	1300	1303	1310	rVV2	8938	14298	0.74%	0.092%
19	10.437	1314	1319	1322	rVV4	3712	5762	0.30%	0.037%
20	10.602	1341	1347	1350	rBV5	3147	5182	0.27%	0.033%
21	10.937	1400	1404	1409	rVB2	4564	6776	0.35%	0.043%
22	11.812	1550	1553	1558	rVB5	1483	2654	0.14%	0.017%
23	12.076	1592	1598	1601	rVB3	1398	2461	0.13%	0.016%
24	12.358	1642	1646	1652	rVV4	1735	2819	0.15%	0.018%
25	12.411	1652	1655	1658	rBV2	2788	2982	0.15%	0.019%
26	12.523	1669	1674	1681	rBV	18391	29265	1.51%	0.188%
27	12.623	1685	1691	1697	rVB	4726	8059	0.42%	0.052%
28	12.782	1712	1718	1725	rBV	31822	46272	2.39%	0.297%
29	13.093	1766	1771	1778	rVB4	9672	15535	0.80%	0.100%
30	13.504	1840	1841	1845	rVB3	2222	2030	0.10%	0.013%
31	13.598	1851	1857	1866	rBV	475003	635497	32.83%	4.076%
32	13.722	1875	1878	1883	rVB3	2335	2661	0.14%	0.017%
33	13.868	1893	1903	1910	rBV	495557	726062	37.51%	4.657%
34	14.045	1929	1933	1939	rVB3	4174	5719	0.30%	0.037%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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	14.180	1950	1956	1963	rVV2	521582	780135	40.30%	5.004%
36	14.250	1963	1968	1969	rVB3	1883	2060	0.11%	0.013%
37	14.397	1988	1993	2002	rBV	35710	55927	2.89%	0.359%
38	14.632	2027	2033	2036	rBV4	2301	3253	0.17%	0.021%
39	14.797	2056	2061	2065	rVB2	8980	11027	0.57%	0.071%
40	14.891	2071	2077	2078	rBV4	2451	3161	0.16%	0.020%
41	14.920	2078	2082	2083	rVV3	5889	6702	0.35%	0.043%
42	14.932	2083	2084	2090	rVB3	5128	5555	0.29%	0.036%
43	15.002	2090	2096	2097	rBV	12806	14818	0.77%	0.095%
44	15.020	2097	2099	2104	rVV	11237	13805	0.71%	0.089%
45	15.179	2120	2126	2134	rBV	682636	958143	49.50%	6.145%
46	15.237	2134	2136	2139	rVB3	2347	2088	0.11%	0.013%
47	15.308	2143	2148	2159	rBV	212835	284110	14.68%	1.822%
48	15.420	2163	2167	2172	rBV4	4393	5207	0.27%	0.033%
49	15.561	2186	2191	2194	rVB3	4011	6074	0.31%	0.039%
50	15.754	2219	2224	2227	rBV4	1348	2168	0.11%	0.014%
51	15.843	2232	2239	2243	rBV3	1429	2766	0.14%	0.018%
52	16.001	2262	2266	2269	rVB2	1994	2416	0.12%	0.015%
53	16.095	2278	2282	2286	rVB4	3211	4254	0.22%	0.027%
54	16.136	2286	2289	2291	rBV3	1763	1938	0.10%	0.012%
55	16.207	2298	2301	2305	rBV4	1948	2733	0.14%	0.018%
56	16.313	2316	2319	2323	rBV3	1443	2176	0.11%	0.014%
57	16.366	2323	2328	2339	rVV2	28301	45521	2.35%	0.292%
58	16.442	2339	2341	2343	rVV2	1955	1973	0.10%	0.013%
59	16.718	2384	2388	2393	rVV3	3237	5068	0.26%	0.033%
60	16.935	2418	2425	2431	rBV2	718431	992723	51.29%	6.367%
61	16.977	2431	2432	2435	rVB2	7117	4782	0.25%	0.031%
62	17.035	2435	2442	2452	rBV	742276	1041205	53.79%	6.678%
63	17.241	2470	2477	2483	rBV2	7149	11072	0.57%	0.071%
64	17.558	2527	2531	2533	rBV4	3652	2929	0.15%	0.019%
65	17.617	2537	2541	2547	rBV	103593	130078	6.72%	0.834%
66	17.764	2561	2566	2567	rBV4	2143	2941	0.15%	0.019%
67	17.876	2577	2585	2608	rBV	1116799	1935607	100.00%	12.415%
68	18.322	2659	2661	2668	rVB8	4028	5749	0.30%	0.037%
69	18.557	2697	2701	2704	rBV5	2971	4233	0.22%	0.027%
70	18.610	2707	2710	2715	rVB7	7026	12071	0.62%	0.077%
71	19.033	2778	2782	2784	rBV2	36770	43146	2.23%	0.277%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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	19.156	2799	2803	2812	rVB	82379	125883	6.50%	0.807%
73	19.227	2812	2815	2818	rVB2	8730	10775	0.56%	0.069%
74	19.344	2828	2835	2845	rVB	986356	1297715	67.04%	8.323%
75	19.585	2874	2876	2880	rVB4	3828	4446	0.23%	0.029%
76	19.691	2891	2894	2895	rBV3	2761	2383	0.12%	0.015%
77	19.750	2901	2904	2905	rBV3	2974	2676	0.14%	0.017%
78	19.950	2936	2938	2939	rBV2	2542	1982	0.10%	0.013%
79	20.373	3007	3010	3014	rBV6	3743	5297	0.27%	0.034%
80	20.713	3065	3068	3072	rVV4	9017	9923	0.51%	0.064%
81	20.866	3092	3094	3096	rBV3	4294	4293	0.22%	0.028%
82	20.943	3103	3107	3111	rVB3	14878	21412	1.11%	0.137%
83	21.142	3135	3141	3147	rBV	994643	1203937	62.20%	7.722%
84	22.188	3314	3319	3330	rBV	108345	174161	9.00%	1.117%
85	23.193	3483	3490	3505	rVB	639289	1176479	60.78%	7.546%
86	23.334	3507	3514	3522	rVB2	663168	1181952	61.06%	7.581%

Sum of corrected areas: 15591278

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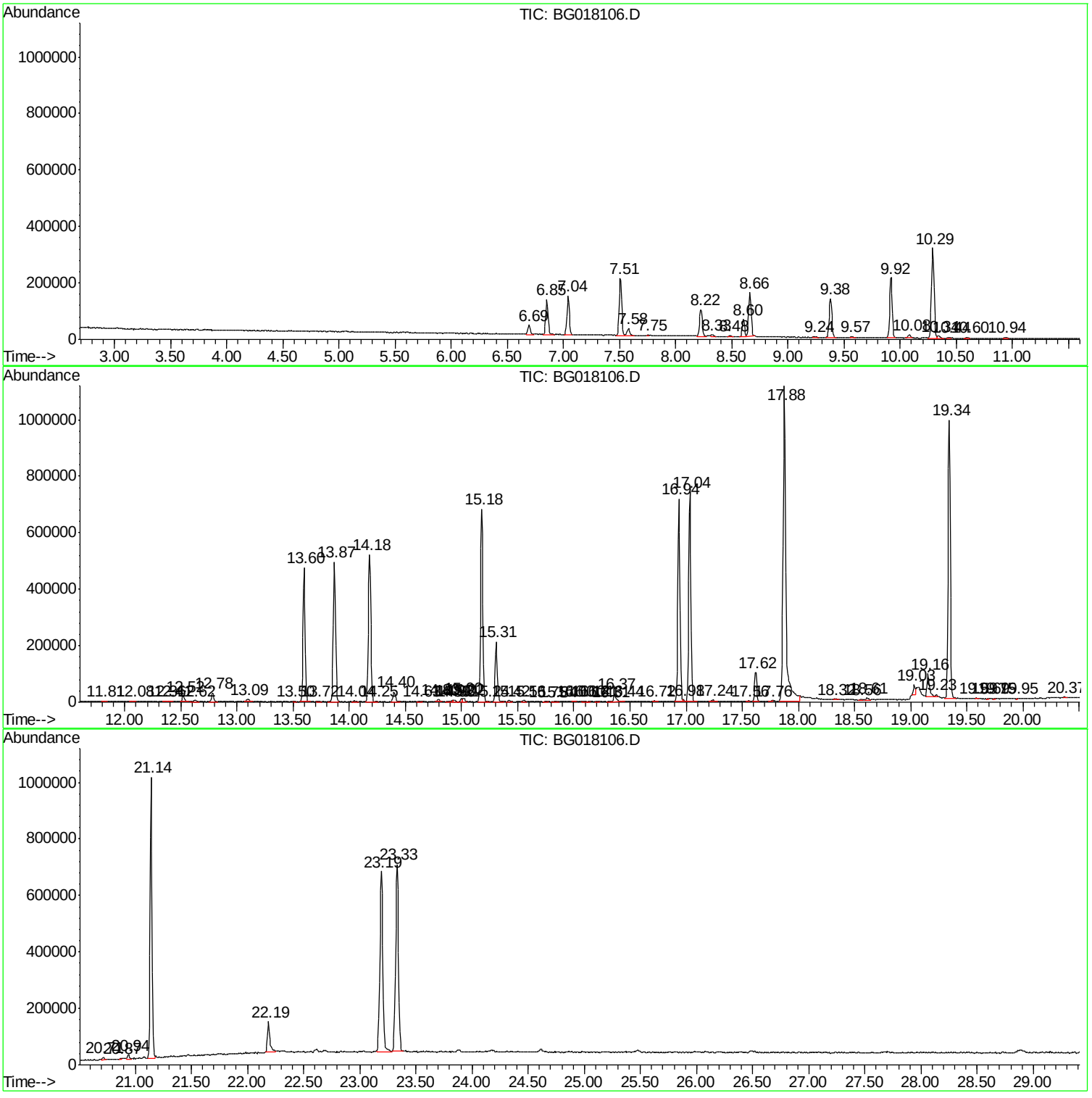
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02N7

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 : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02N7

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

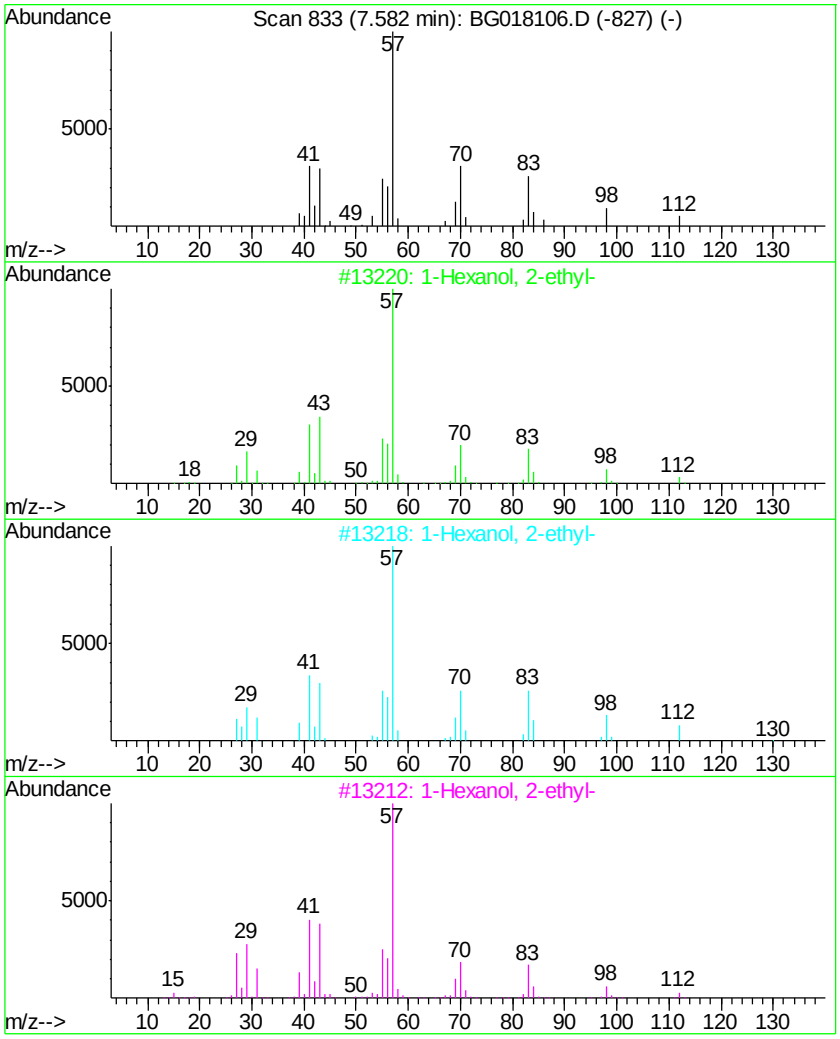
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

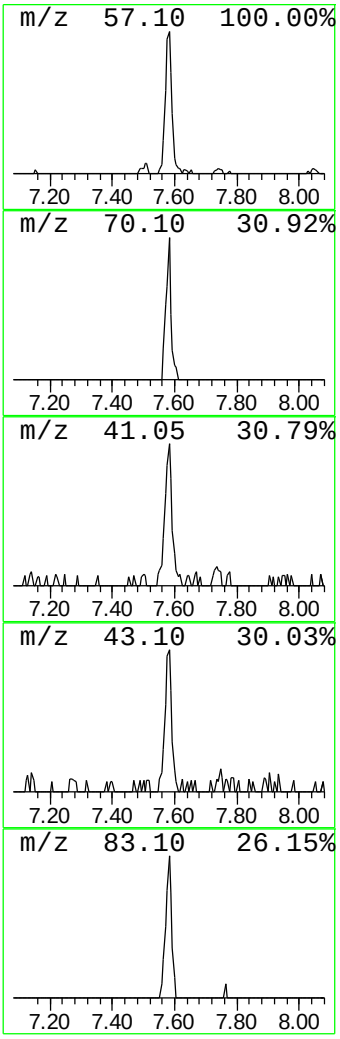
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	2.79 ng/ul	43570	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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

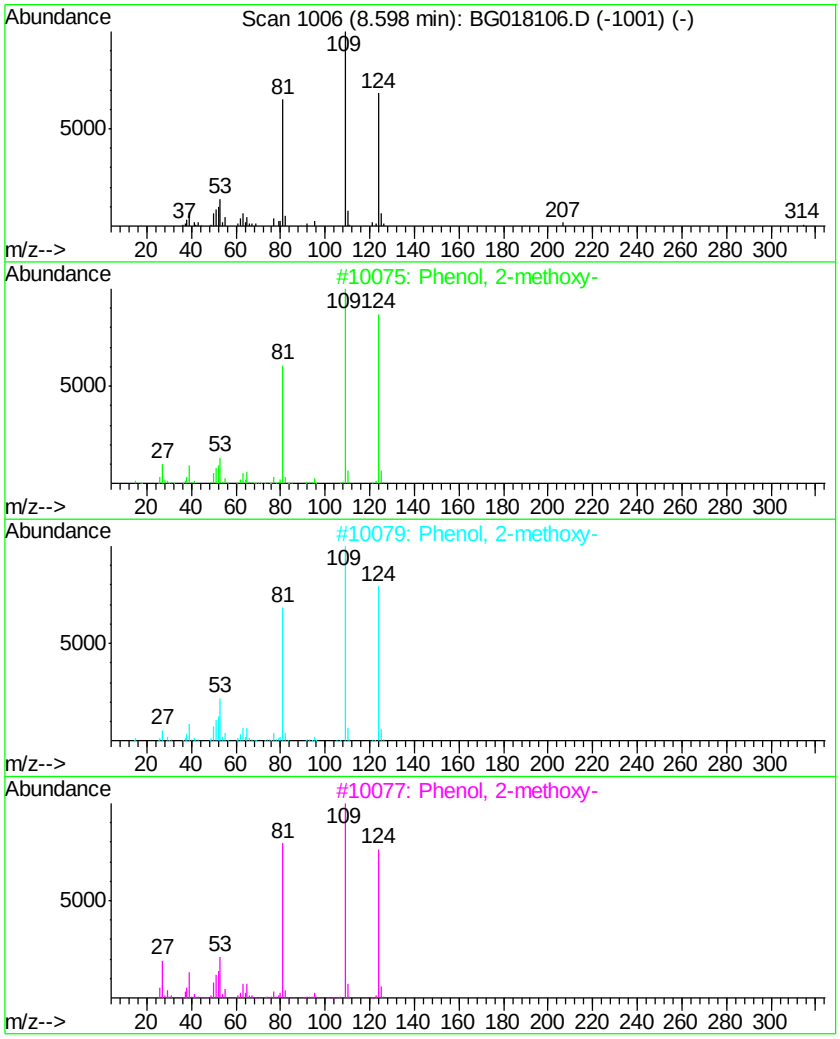
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

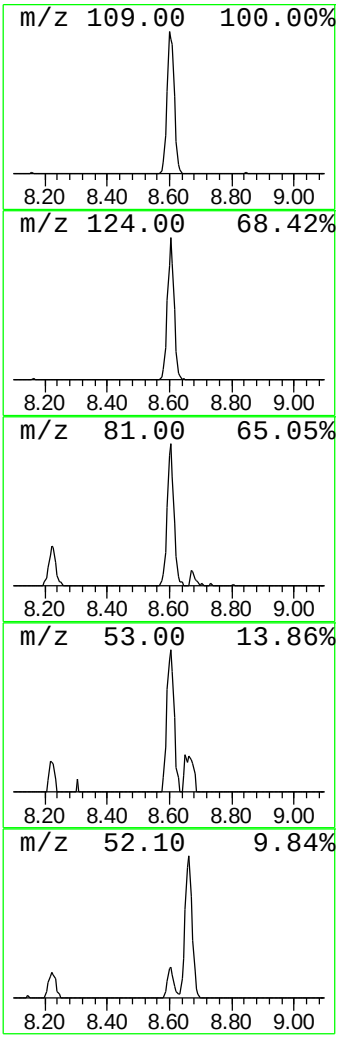
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.18 ng/ul	96406	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Mequinol	124	C7H8O2	000150-76-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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

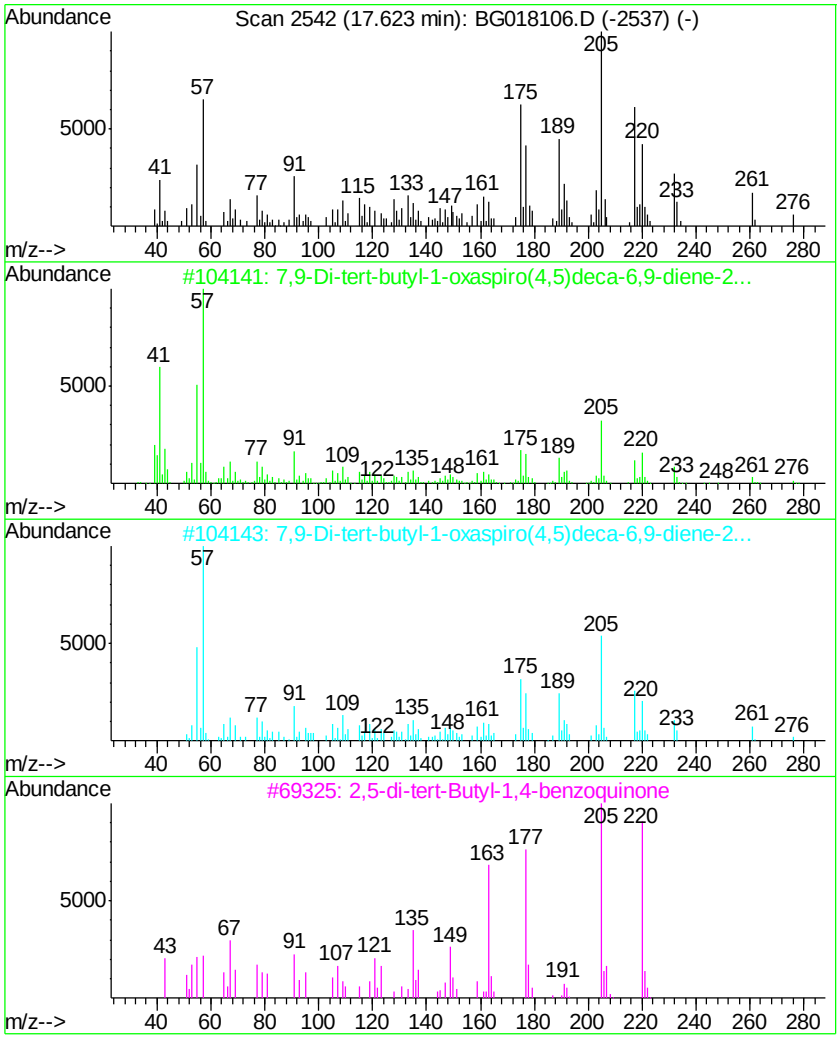
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

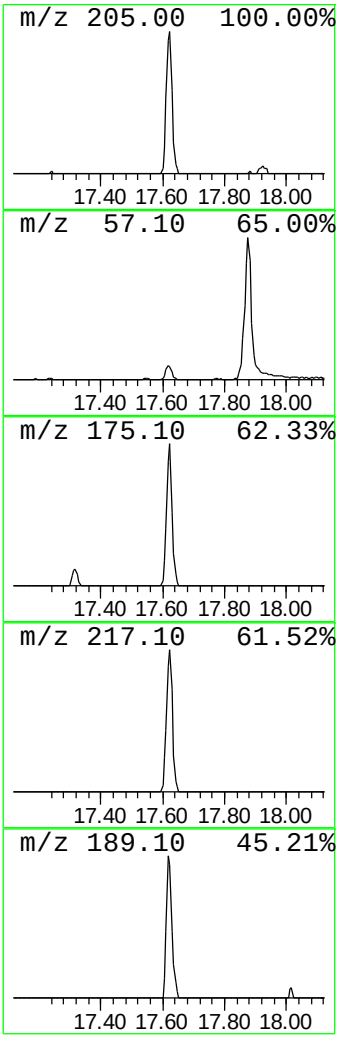
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	2.62 ng/ul	130078	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	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	72
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	58
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	51





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
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Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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

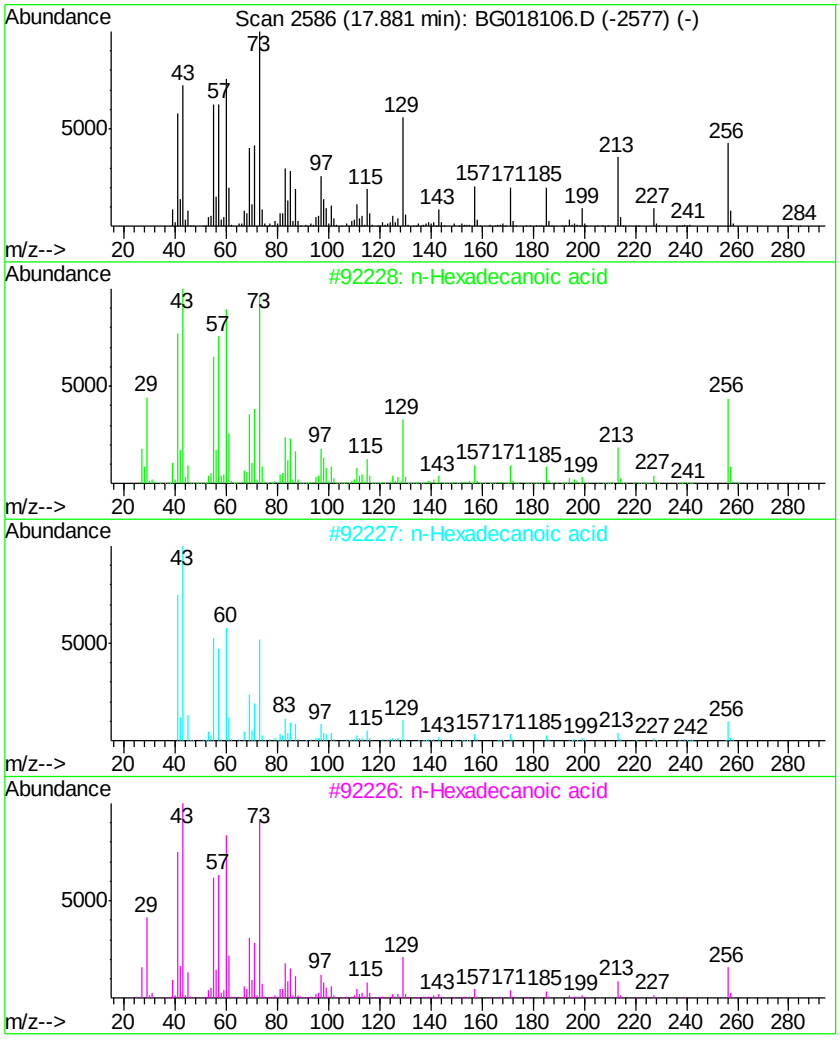
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

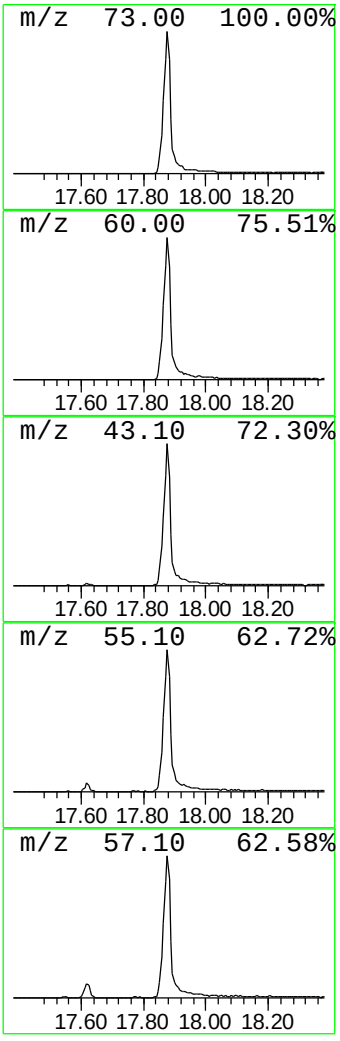
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	39.00 ng/ul	1935610	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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

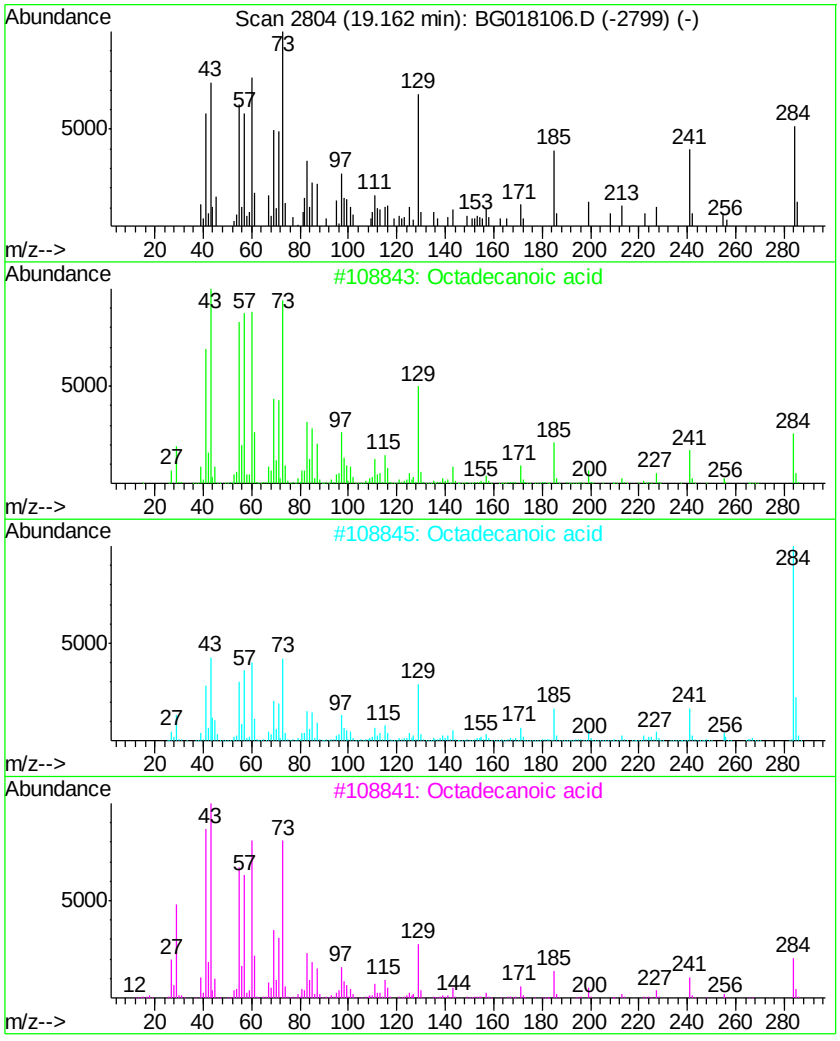
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

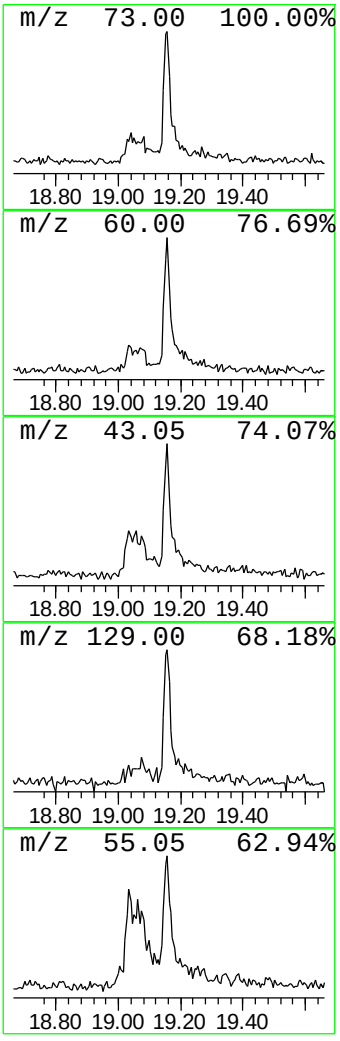
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.09 ng/ul	125883	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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

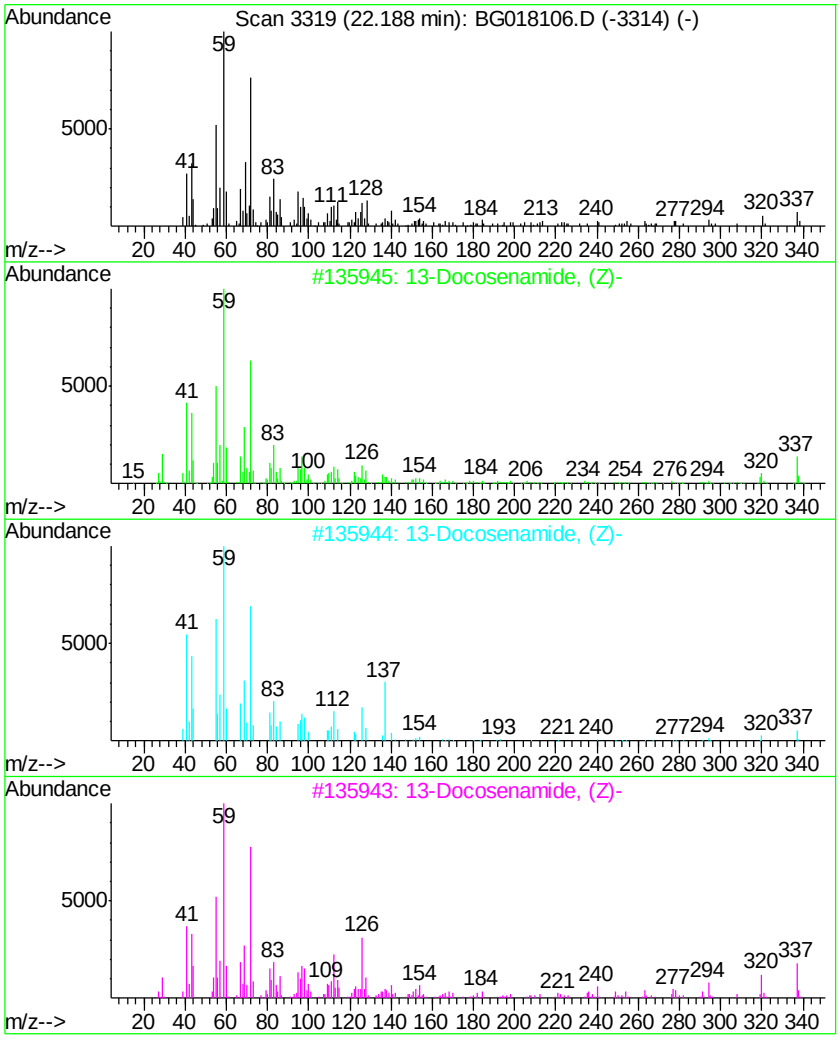
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

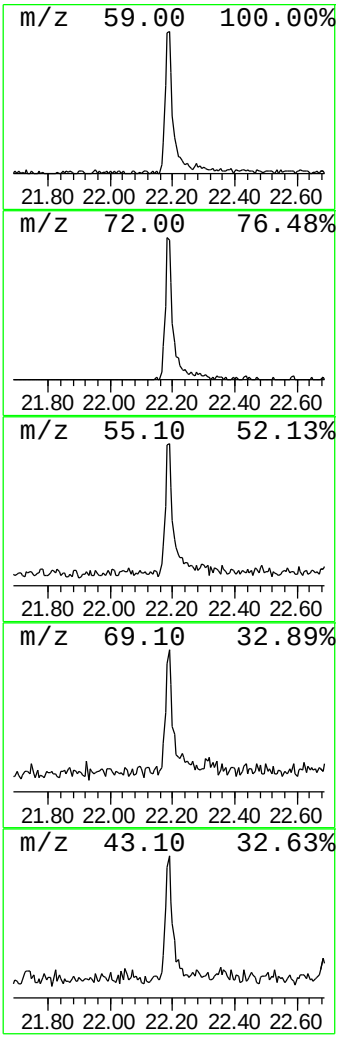
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.89 ng/ul	174161	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	94
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
5	trans-13-Docosenamide	337	C22H43NO	010436-09-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018106.D
Acq On : 25 Jul 2015 1:01
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02N7

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	2.8	ng/ul	43570	1	7.51	312169	20.0
Phenol, 2-methoxy-	8.60	6.2	ng/ul	96406	1	7.51	312169	20.0
7,9-Di-tert-butyl...	17.62	2.6	ng/ul	130078	4	16.94	992723	20.0
n-Hexadecanoic acid	17.88	39.0	ng/ul	1935610	4	16.94	992723	20.0
Octadecanoic acid	19.16	2.1	ng/ul	125883	5	21.14	1203940	20.0
13-Docosenamide, ...	22.19	2.9	ng/ul	174161	5	21.14	1203940	20.0