LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

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-BG100415.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	3.170	48	56	64	rBV2	62292	157942	20.57%	2.407%
2	3.247	64	69	80	rVV	149937	256792	33.44%	3.913%
3	3.482	105	109	112	rVB3	2887	3676	0.48%	0.056%
4	4.780	323	330	335	rVB4	6469	9816	1.28%	0.150%
5	5.156	391	394	397	rBV2	1191	1687	0.22%	0.026%
6	7.189	735	740	751	rBV3	8170	15372	2.00%	0.234%
7	7.371	766	771	779	rVB	25821	40187	5.23%	0.612%
8	7.577	800	806	814	rBV	26312	41557	5.41%	0.633%
9	8.047	879	886	894	rVV2	120855	204230	26.60%	3.112%
10	8.740	997	1004	1010	rBV2	21693	34889	4.54%	0.532%
11	9.204	1075	1083	1091	rVB	28628	48735	6.35%	0.743%
12	9.927	1199	1206	1212	rBV2	21821	36298	4.73%	0.553%
13	10.462	1291	1297	1303	rVB2	32959	55869	7.28%	0.851%
14	10.626	1321	1325	1329	rVV2	1151	1640	0.21%	0.025%
15	10.849	1356	1363	1374	rVB	168592	304100	39.60%	4.634%
16	10.985	1380	1386	1389	rBV3	1612	2242	0.29%	0.034%
17	13.035	1732	1735	1743	rVB3	3138	4672	0.61%	0.071%
18	13.288	1774	1778	1783	rVB	4412	6308	0.82%	0.096%
19	14.075	1906	1912	1916	rVV	67274	98829	12.87%	1.506%
20	14.116	1916	1919	1926	rVB	32487	45072	5.87%	0.687%
21	14.310	1946	1952	1955	rBV3	1716	3020	0.39%	0.046%
22	14.363	1955	1961	1970	rVV	77647	120254	15.66%	1.832%
23	14.574	1991	1997	2001	rBV3	2447	3139	0.41%	0.048%
24	14.668	2006	2013	2021	rVB2	273269	430047	56.00%	6.553%
25	14.833	2037	2041	2046	rVB3	8628	12510	1.63%	0.191%
26	15.074	2076	2082	2085	rBV3	2241	3621	0.47%	0.055%
27	15.185	2098	2101	2105	rBV3	1265	1613	0.21%	0.025%
28	15.467	2145	2149	2154	rVV4	3029	4932	0.64%	0.075%
29	15.520	2154	2158	2163	rVV2	9069	11834	1.54%	0.180%
30	15.591	2166	2170	2171	rVV2	945	1133	0.15%	0.017%
31	15.656	2174	2181	2188	rVV	104310	161300	21.01%	2.458%
32	15.714	2190	2191	2194	rVV2	1325	1174	0.15%	0.018%
33	15.761	2194	2199	2204	rVB2	25522	36022	4.69%	0.549%
34	15.908	2220	2224	2225	rBV	1234	1389	0.18%	0.021%

LSC Area Percent Report

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Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

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-BG100415.M
Title : SVOA CALIBRATION

35	15.920	2225	2226	2231	rVB2	2920	3405	0.44%	0.052%
36	16.020	2242	2243	2249	rVB4	1982	2203	0.29%	0.034%
37	16.073	2249	2252	2257	rBV3	2012	3598	0.47%	0.055%
38	16.143	2260	2264	2266	rBV4	1314	1684	0.22%	0.026%
39	16.337	2294	2297	2300	rBV5	1632	1916	0.25%	0.029%
40	16.378	2300	2304	2307	rBV2	14293	19034	2.48%	0.290%
41	16.525	2328	2329	2331	rBV2	1150	1202	0.16%	0.018%
42	16.560	2331	2335	2337	rVV3	2107	2942	0.38%	0.045%
43	16.725	2360	2363	2364	rBV2	1602	1510	0.20%	0.023%
44	16.836	2381	2382	2386	rVB3	1223	1371	0.18%	0.021%
45	16.889	2386	2391	2395	rBV3	1901	2823	0.37%	0.043%
46	16.960	2398	2403	2406	rBV4	1787	2898	0.38%	0.044%
47	17.036	2414	2416	2419	rVB4	1405	1441	0.19%	0.022%
48	17.171	2434	2439	2444	rVV2	16719	22625	2.95%	0.345%
49	17.230	2446	2449	2453	rVV3	4197	6064	0.79%	0.092%
50	17.318	2461	2464	2470	rBV3	1329	2535	0.33%	0.039%
51	17.412	2473	2480	2487	rVV	374042	550515	71.69%	8.389%
52	17.506	2487	2496	2502	rVV	125808	184061	23.97%	2.805%
53	17.600	2510	2512	2516	rVB4	1193	1368	0.18%	0.021%
54	17.647	2516	2520	2523	rBV4	1622	2165	0.28%	0.033%
55	17.712	2526	2531	2533	rBV5	2059	3070	0.40%	0.047%
56	17.777	2539	2542	2543	rBV3	1697	1828	0.24%	0.028%
57	17.835	2549	2552	2556	rBV3	1448	1868	0.24%	0.028%
58	17.912	2560	2565	2570	rBV	10780	14584	1.90%	0.222%
59	18.082	2591	2594	2596	rBV2	1020	1438	0.19%	0.022%
60	18.200	2611	2614	2618	rBV4	1269	1886	0.25%	0.029%
61	18.241	2619	2621	2626	rVB4	849	1369	0.18%	0.021%
62	18.305	2626	2632	2641	rBV	110211	169503	22.07%	2.583%
63	18.499	2662	2665	2669	rVV3	1668	2185	0.28%	0.033%
64	18.605	2678	2683	2687	rBV2	18994	25802	3.36%	0.393%
65	18.969	2741	2745	2746	rBV4	1504	1730	0.23%	0.026%
66	19.063	2758	2761	2763	rBV2	4480	4770	0.62%	0.073%
67	19.151	2775	2776	2783	rVB5	1891	2641	0.34%	0.040%
68	19.228	2787	2789	2794	rVB3	4235	4398	0.57%	0.067%
69	19.292	2796	2800	2804	rBV5	2599	3603	0.47%	0.055%
70	19.339	2807	2808	2811	rVB3	1557	1418	0.18%	0.022%
71	19.363	2811	2812	2815	rBV3	1430	1298	0.17%	0.020%

LSC Area Percent Report

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Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

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-BG100415.M
Title : SVOA CALIBRATION

72	19.428	2819	2823	2825	rBV3	10220	13485	1.76%	0.205%
73	19.451	2825	2827	2831	rVB4	4912	5767	0.75%	0.088%
74	19.569	2842	2847	2857	rBV	60460	99171	12.91%	1.511%
75	19.721	2869	2873	2879	rVV	222800	251122	32.70%	3.827%
76	19.792	2879	2885	2890	rVV2	161315	252459	32.88%	3.847%
77	19.839	2890	2893	2898	rVB	44272	50443	6.57%	0.769%
78	19.927	2907	2908	2910	rVB2	2110	1241	0.16%	0.019%
79	20.050	2927	2929	2931	rVV3	1334	1199	0.16%	0.018%
80	20.138	2939	2944	2946	rBV5	3740	6093	0.79%	0.093%
81	20.250	2961	2963	2965	rBV3	1839	1450	0.19%	0.022%
82	20.332	2974	2977	2981	rVB	15436	16125	2.10%	0.246%
83	20.421	2990	2992	2993	rBV2	2410	1510	0.20%	0.023%
84	20.685	3035	3037	3039	rBV2	5064	5651	0.74%	0.086%
85	20.761	3046	3050	3055	rBV	173156	190830	24.85%	2.908%
86	20.826	3055	3061	3064	rVV2	30696	41125	5.36%	0.627%
87	20.861	3064	3067	3072	rVB2	22240	27220	3.54%	0.415%
88	21.331	3142	3147	3156	rVB2	73805	120988	15.76%	1.844%
89	21.578	3187	3189	3191	rBV3	4688	3911	0.51%	0.060%
90	21.672	3199	3205	3212	rBV2	475812	767878	100.00%	11.701%
91	21.889	3238	3242	3247	rBV	39854	57929	7.54%	0.883%
92	22.506	3342	3347	3357	rVB2	38789	62065	8.08%	0.946%
93	23.170	3453	3460	3464	rBV	90569	175746	22.89%	2.678%
94	24.022	3599	3605	3610	rVB2	26426	48468	6.31%	0.739%
95	24.663	3706	3714	3725	rVB2	88554	236400	30.79%	3.602%
96	24.892	3743	3753	3763	rBV2	254072	716738	93.34%	10.922%
97	24.986	3763	3769	3780	rVB4	27082	67225	8.75%	1.024%
98	26.131	3960	3964	3974	rVB2	24049	58743	7.65%	0.895%
99	27.506	4192	4198	4207	rVB5	19353	58561	7.63%	0.892%
100	29.539	4542	4544	4546	rBV3	3696	2194	0.29%	0.033%

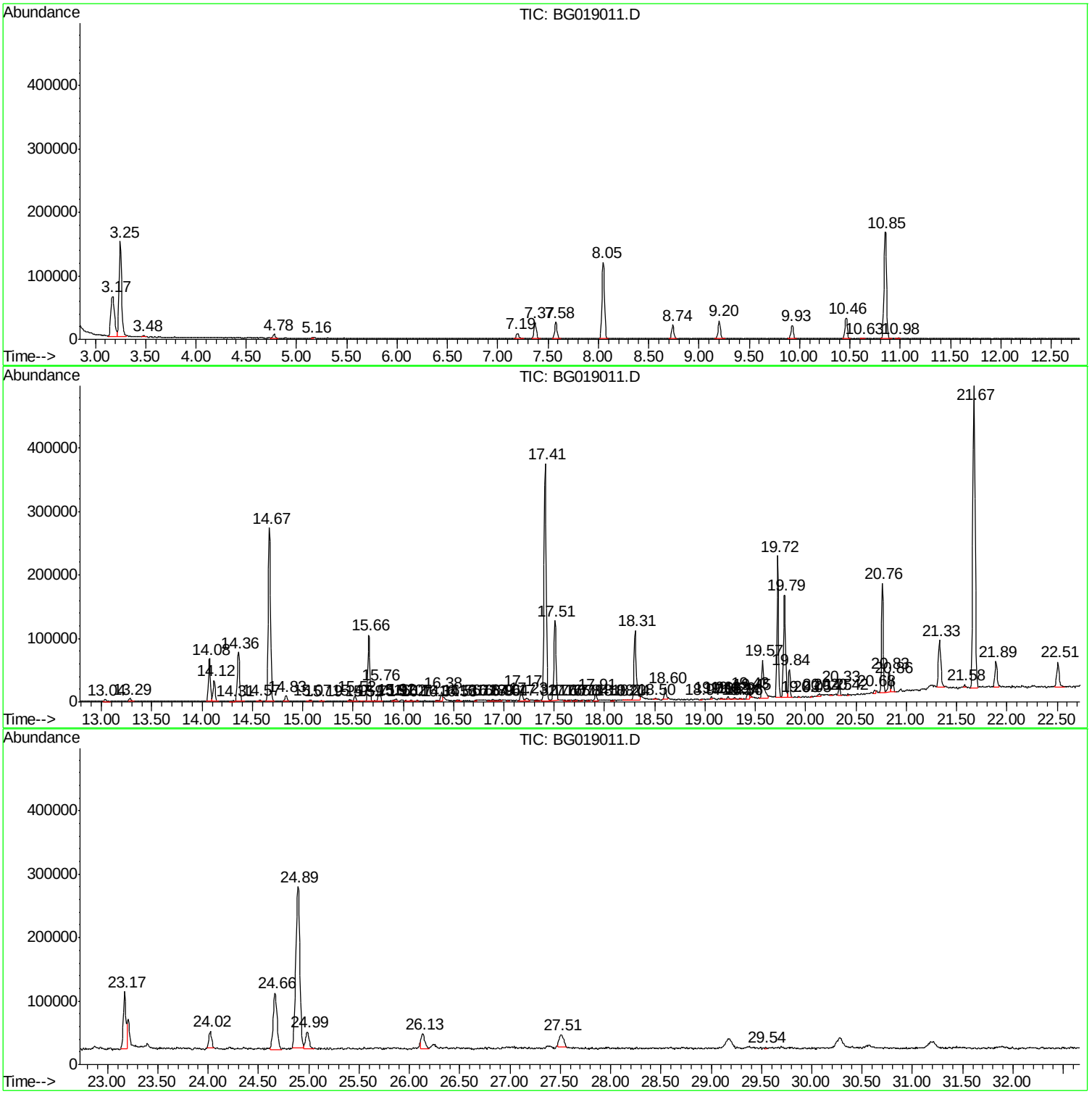
Sum of corrected areas: 6562389

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

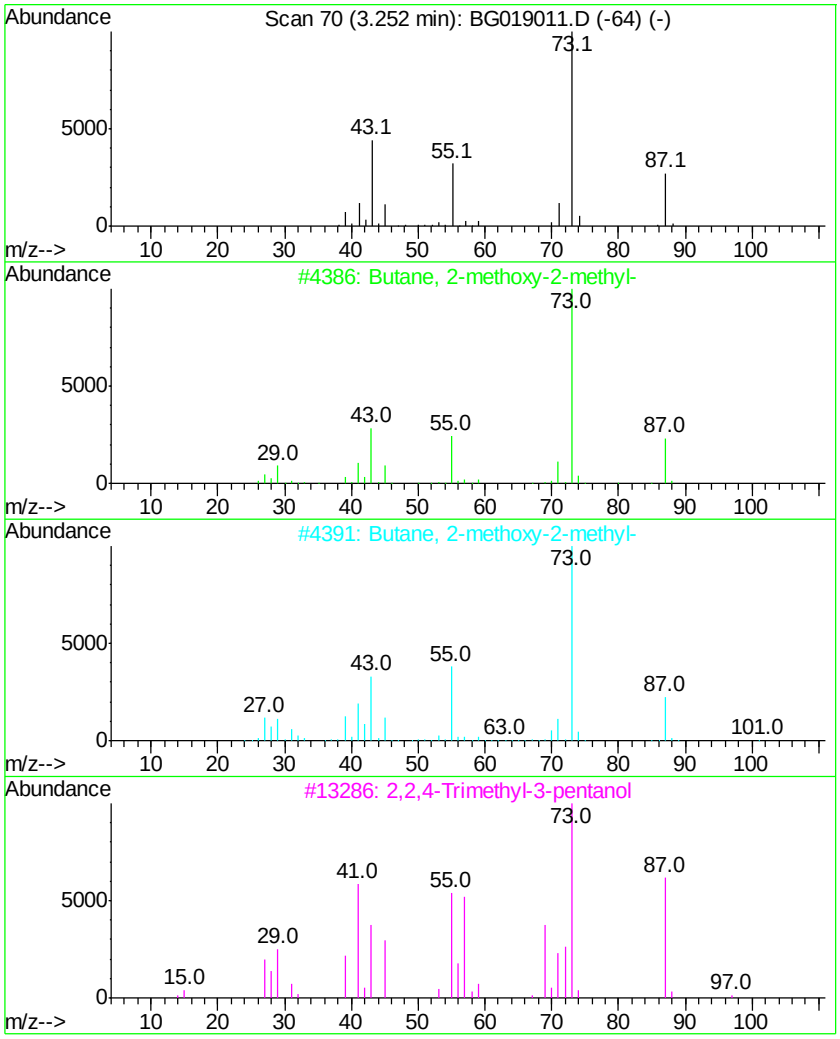
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

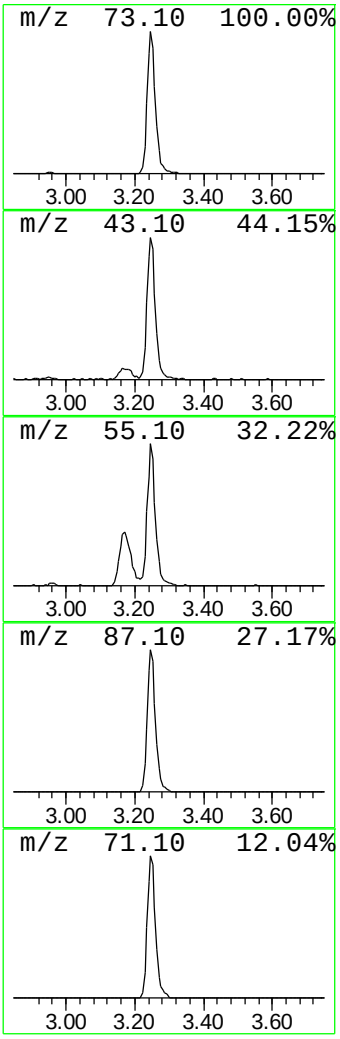
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	25.15 ng/ul	256792	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

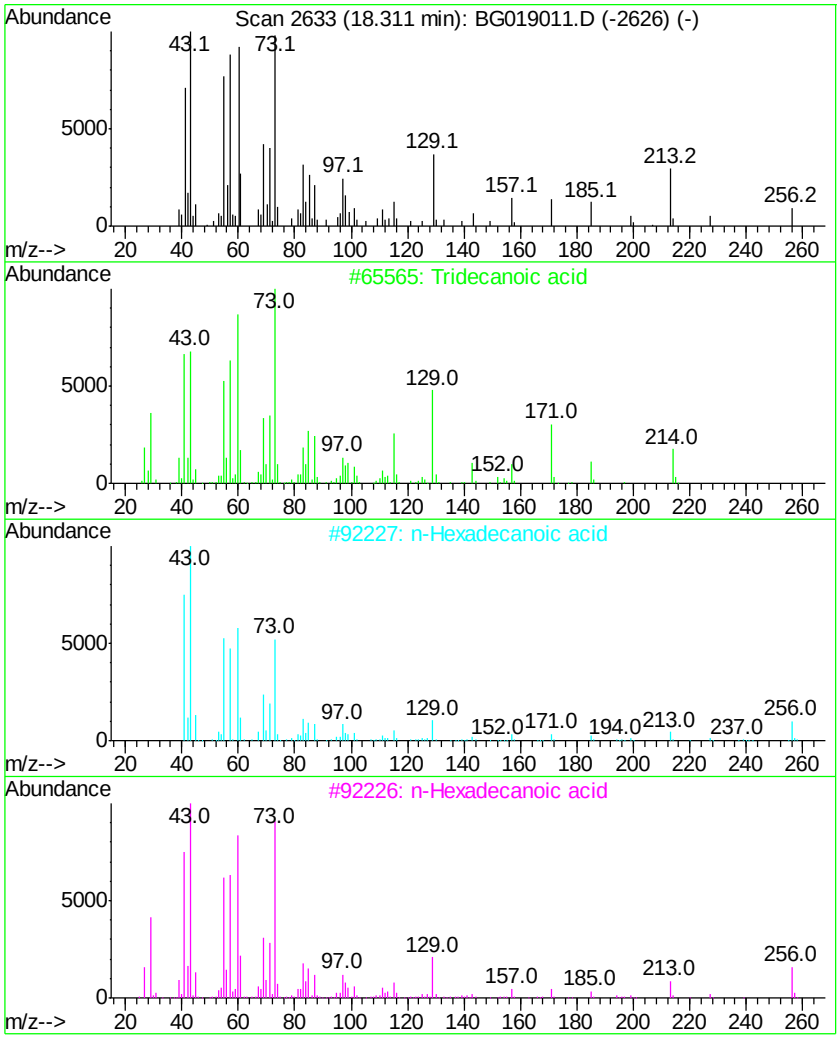
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

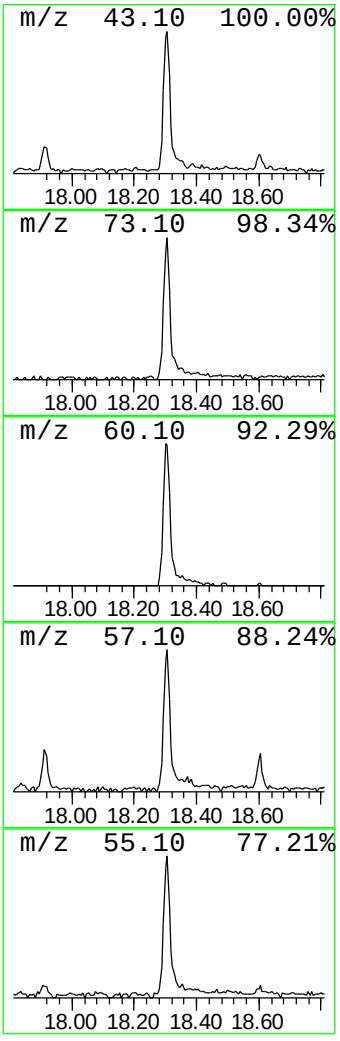
****

Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.16 ng/ul	169503	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

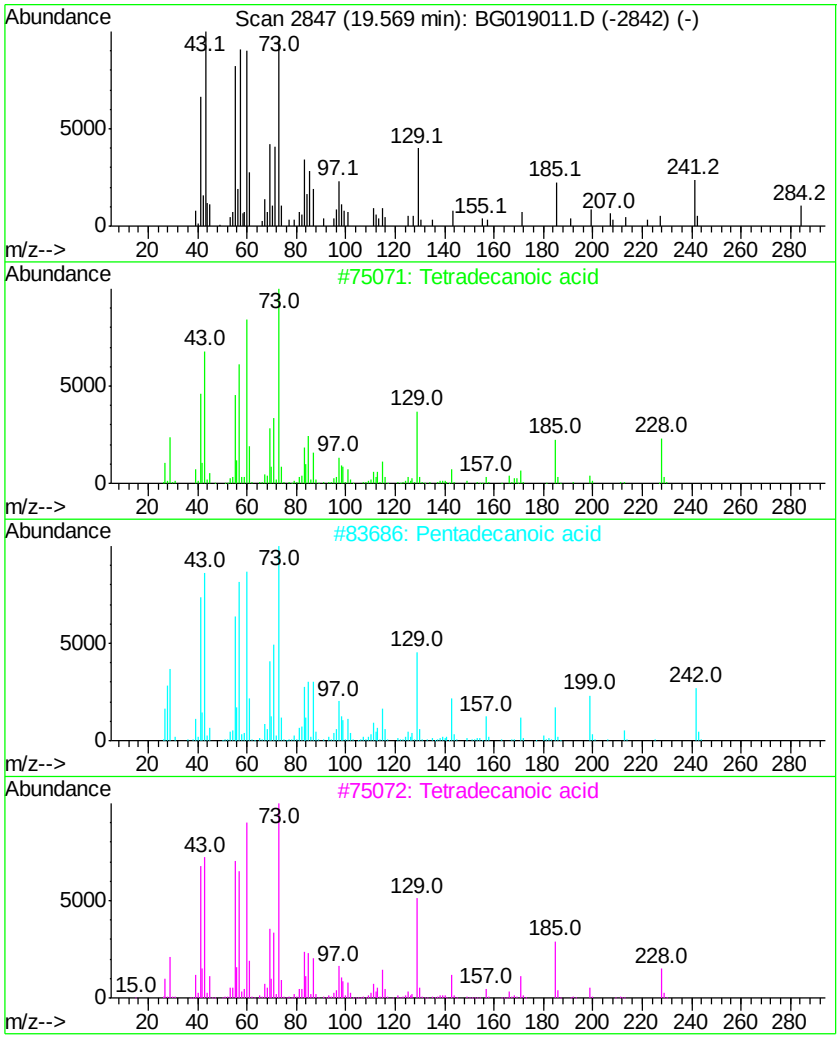
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

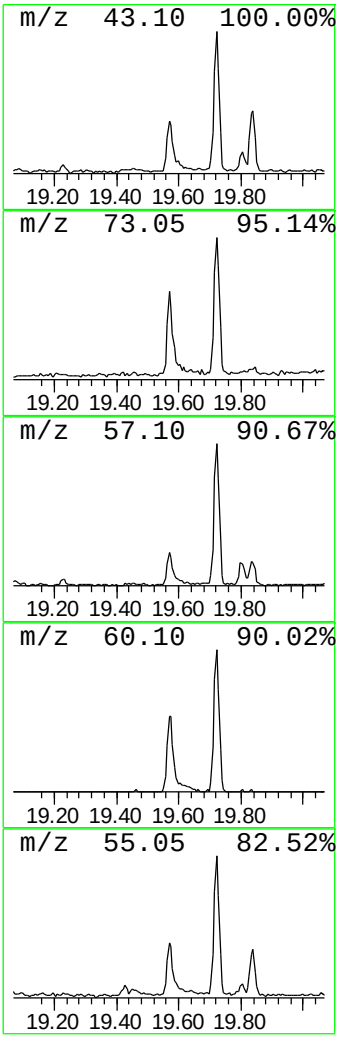
****

Peak Number 4 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.58 ng/ul	99171	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	22
5	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

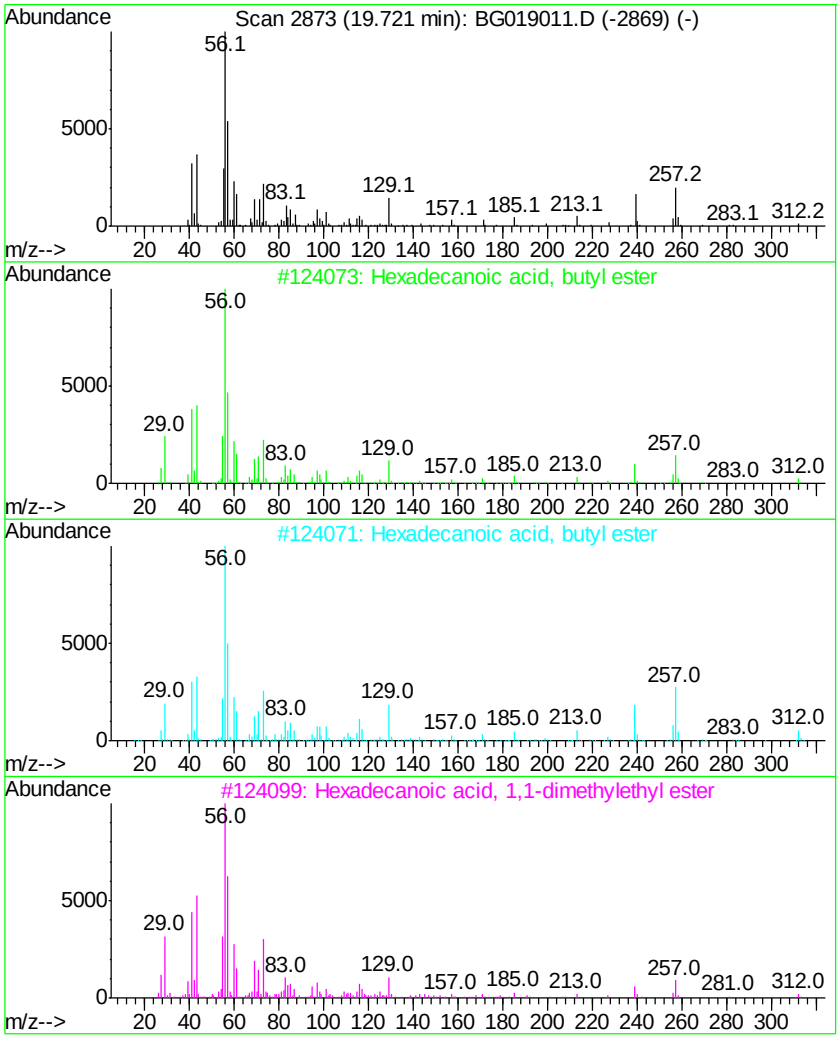
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

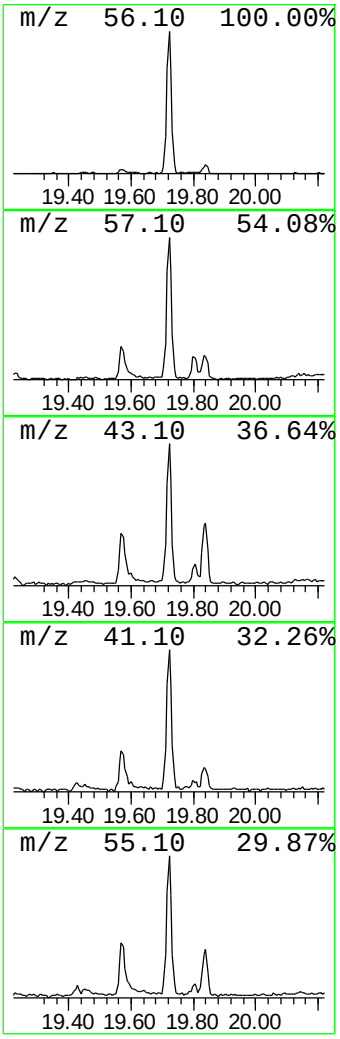
****

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	6.54 ng/ul	251122	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

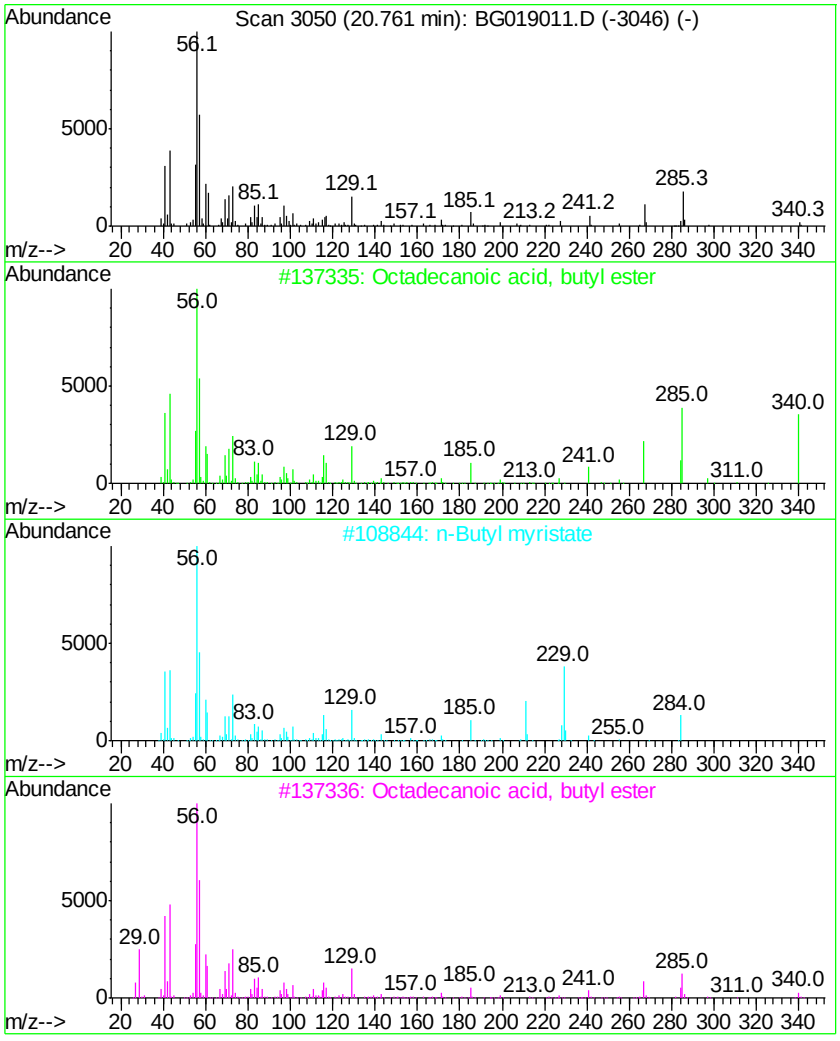
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

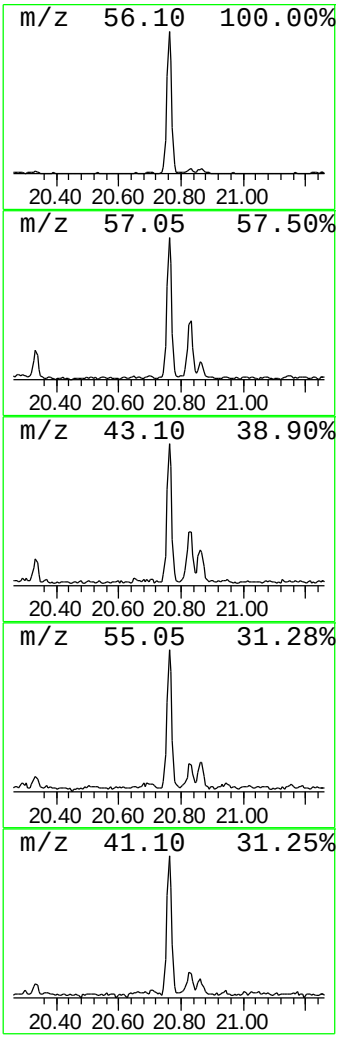
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	4.97 ng/ul	190830	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

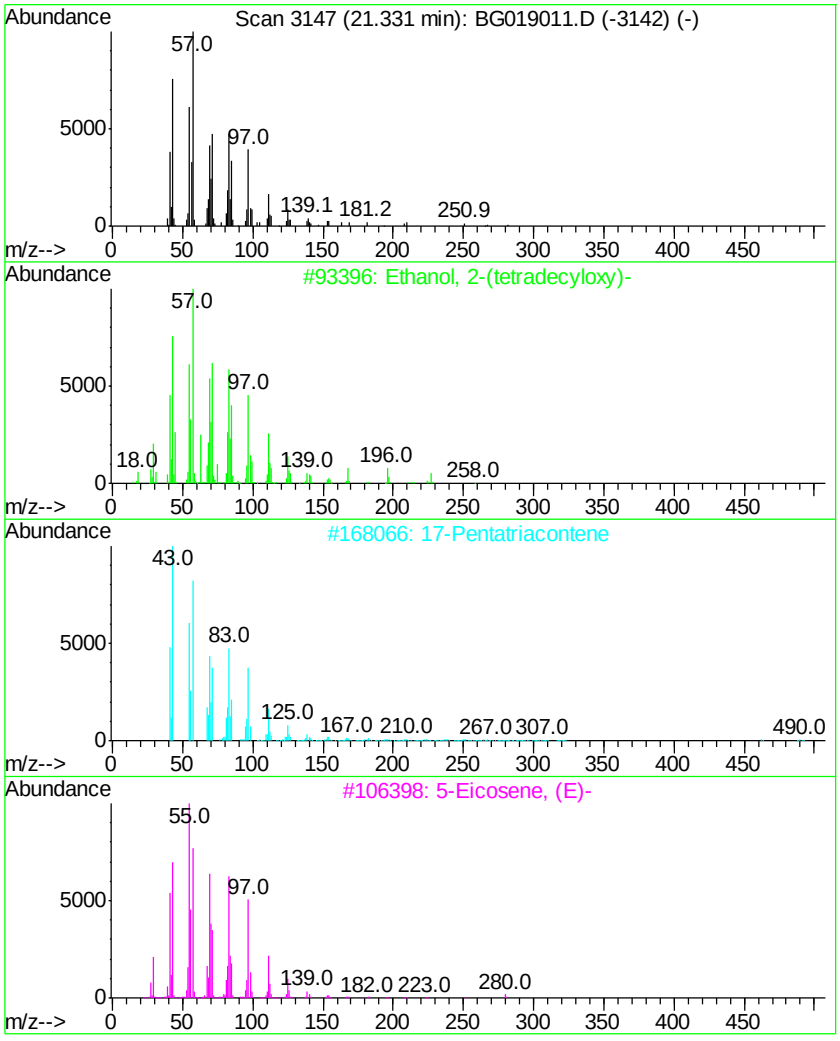
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

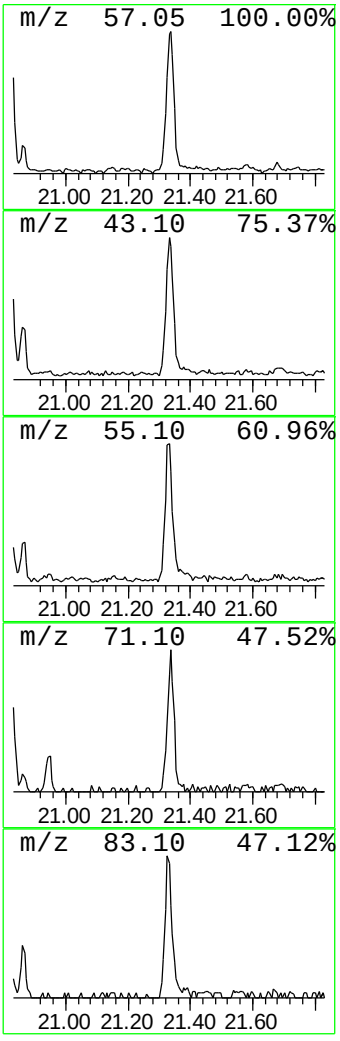
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.15 ng/ul	120988	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	81
4	Cycloeicosane	280	C20H40	000296-56-0	76
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

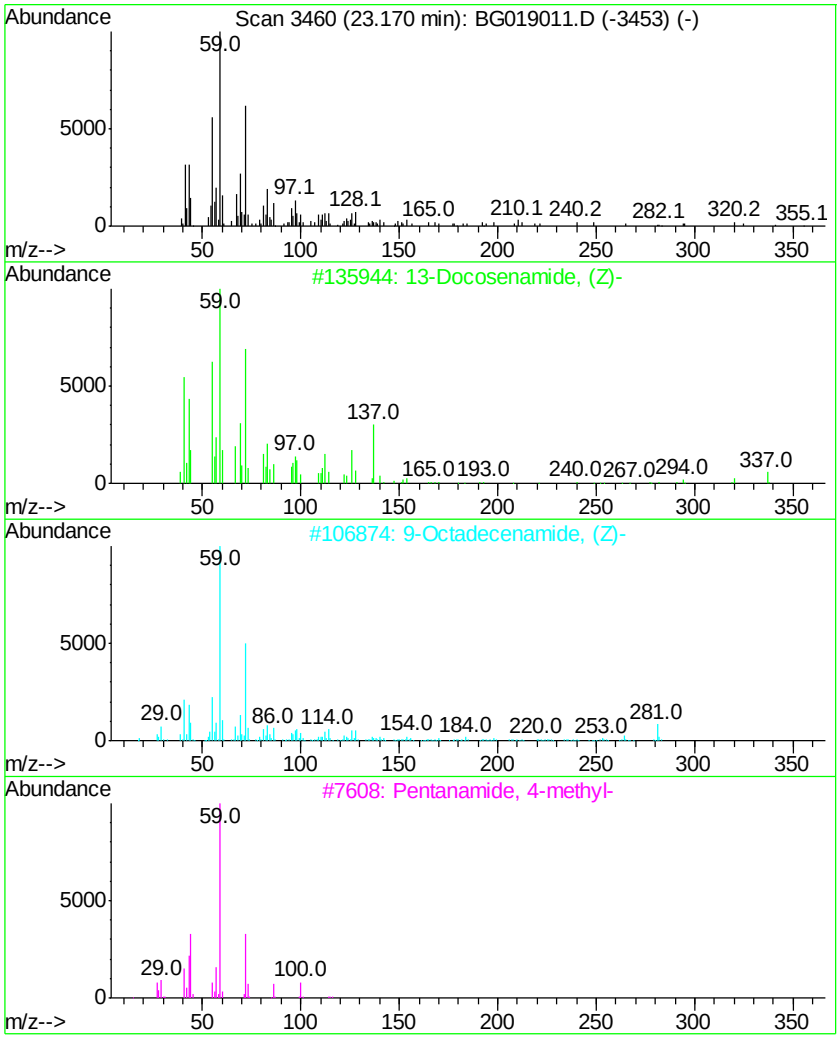
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

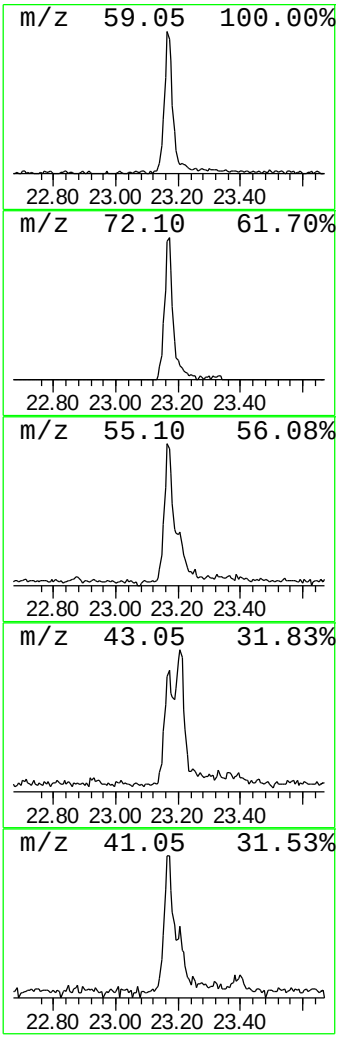
****

Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.58 ng/ul	175746	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
4	Tetradecanamide	227	C14H29NO	000638-58-4	53
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
Data File : BG019011.D
Acq On : 4 Oct 2015 19:03
Operator : UM/NP
Sample : G3851-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0GH0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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
Butane, 2-methoxy...	3.25	25.1	ng/ul	256792	1	8.05	204230	20.0
Tridecanoic acid	18.31	6.2	ng/ul	169503	4	17.41	550515	20.0
Tetradecanoic acid	19.57	2.6	ng/ul	99171	5	21.67	767878	20.0
Hexadecanoic acid...	19.72	6.5	ng/ul	251122	5	21.67	767878	20.0
Octadecanoic acid...	20.76	5.0	ng/ul	190830	5	21.67	767878	20.0
Ethanol, 2-(tetra...	21.33	3.1	ng/ul	120988	5	21.67	767878	20.0
13-Docosenamide, ...	23.17	4.6	ng/ul	175746	5	21.67	767878	20.0