LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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	3.167	51	56	64	rBV	41191	74869	5.41%	0.352%
2	3.238	64	68	81	rVB	102317	147812	10.68%	0.695%
3	3.496	108	112	119	rVB	8115	12050	0.87%	0.057%
4	3.767	154	158	166	rBV	6368	9836	0.71%	0.046%
5	5.159	391	395	399	rBV2	4316	5791	0.42%	0.027%
6	7.034	710	714	720	rBV5	3525	5543	0.40%	0.026%
7	7.216	737	745	755	rVB	205151	361942	26.15%	1.703%
8	7.374	765	772	780	rVB	156083	247266	17.87%	1.163%
9	7.586	801	808	815	rVB	192436	331866	23.98%	1.561%
10	8.050	878	887	894	rBV	148139	243038	17.56%	1.143%
11	8.755	999	1007	1014	rBV	253514	428045	30.93%	2.014%
12	9.207	1076	1084	1092	rBV	205447	351664	25.41%	1.655%
13	9.930	1200	1207	1215	rBV	174147	306081	22.12%	1.440%
14	10.471	1291	1299	1307	rBV	262304	468285	33.84%	2.203%
15	10.629	1321	1326	1331	rVB3	4678	7826	0.57%	0.037%
16	10.853	1357	1364	1372	rVB	214001	390679	28.23%	1.838%
17	10.988	1380	1387	1395	rBV	194689	357963	25.87%	1.684%
18	11.469	1461	1469	1470	rVV4	4755	7381	0.53%	0.035%
19	11.499	1470	1474	1483	rVB2	11029	20222	1.46%	0.095%
20	12.433	1627	1633	1638	rVB2	3536	5594	0.40%	0.026%
21	13.038	1731	1736	1740	rBV3	8058	11689	0.84%	0.055%
22	13.285	1773	1778	1784	rVB2	11437	17234	1.25%	0.081%
23	13.579	1822	1828	1832	rVB7	3156	5730	0.41%	0.027%
24	14.078	1907	1913	1917	rBV	464725	678219	49.01%	3.191%
25	14.125	1917	1921	1931	rVB	277848	387273	27.98%	1.822%
26	14.366	1955	1962	1970	rVB	534495	830601	60.02%	3.908%
27	14.566	1990	1996	2001	rVB2	7100	10144	0.73%	0.048%
28	14.672	2006	2014	2023	rVB2	351725	569725	41.17%	2.681%
29	14.866	2040	2047	2054	rVV	251726	397996	28.76%	1.873%
30	14.913	2054	2055	2062	rVV3	5904	8674	0.63%	0.041%
31	15.077	2078	2083	2087	rVV6	4475	8519	0.62%	0.040%
32	15.206	2103	2105	2110	rVV4	4183	6464	0.47%	0.030%
33	15.471	2146	2150	2153	rBV2	5055	7888	0.57%	0.037%
34	15.518	2153	2158	2163	rVB	24318	30671	2.22%	0.144%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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	15.665	2176	2183	2190	rVV	706513	1075460	77.71%	5.060%
36	15.770	2195	2201	2210	rBV	226490	335145	24.22%	1.577%
37	15.894	2216	2222	2230	rBV5	24989	53028	3.83%	0.249%
38	15.958	2230	2233	2240	rVV5	3479	5594	0.40%	0.026%
39	16.140	2259	2264	2270	rVB5	5360	9029	0.65%	0.042%
40	16.246	2277	2282	2291	rVB2	50668	79527	5.75%	0.374%
41	16.375	2300	2304	2308	rVV	31383	43230	3.12%	0.203%
42	16.405	2308	2309	2313	rVB	9777	7319	0.53%	0.034%
43	16.552	2330	2334	2338	rVB2	11434	16077	1.16%	0.076%
44	16.722	2359	2363	2366	rBV5	3187	5316	0.38%	0.025%
45	16.787	2370	2374	2377	rBV2	7785	10771	0.78%	0.051%
46	17.169	2434	2439	2443	rBV	33046	40633	2.94%	0.191%
47	17.222	2446	2448	2453	rVB4	5657	7211	0.52%	0.034%
48	17.321	2463	2465	2470	rVB5	4434	6204	0.45%	0.029%
49	17.415	2475	2481	2486	rVV2	453647	680391	49.16%	3.201%
50	17.457	2486	2488	2491	rVV3	6870	8749	0.63%	0.041%
51	17.515	2491	2498	2506	rVB	739947	1139958	82.37%	5.363%
52	17.703	2525	2530	2538	rVB8	3361	8897	0.64%	0.042%
53	17.786	2538	2544	2548	rBV6	4732	9719	0.70%	0.046%
54	17.909	2561	2565	2570	rBV	20679	24380	1.76%	0.115%
55	18.168	2604	2609	2615	rVV8	6967	12923	0.93%	0.061%
56	18.309	2628	2633	2641	rVV	96636	148958	10.76%	0.701%
57	18.373	2641	2644	2647	rVV	12840	19345	1.40%	0.091%
58	18.403	2647	2649	2654	rVB4	6265	9242	0.67%	0.043%
59	18.497	2661	2665	2670	rVB6	9129	11911	0.86%	0.056%
60	18.602	2678	2683	2684	rBV	30415	37934	2.74%	0.178%
61	18.626	2684	2687	2696	rVB	34636	68512	4.95%	0.322%
62	19.084	2761	2765	2770	rVB2	11823	15904	1.15%	0.075%
63	19.155	2772	2777	2781	rBV6	8085	13198	0.95%	0.062%
64	19.225	2785	2789	2793	rVB	15732	17462	1.26%	0.082%
65	19.290	2798	2800	2805	rVB4	8242	11746	0.85%	0.055%
66	19.431	2821	2824	2826	rVV	10952	15141	1.09%	0.071%
67	19.460	2826	2829	2836	rVB	19798	29137	2.11%	0.137%
68	19.572	2844	2848	2850	rBV4	12970	15839	1.14%	0.075%
69	19.601	2850	2853	2856	rVB4	28920	31877	2.30%	0.150%
70	19.683	2863	2867	2869	rBV	8390	12691	0.92%	0.060%
71	19.719	2869	2873	2878	rVV	1180907	1383905	100.00%	6.511%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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	19.795	2880	2886	2890	rVV2	893945	1344216	97.13%	6.325%
73	19.836	2890	2893	2901	rVB2	192415	225483	16.29%	1.061%
74	20.130	2939	2943	2948	rBV3	12974	22688	1.64%	0.107%
75	20.294	2968	2971	2973	rBV4	12459	12435	0.90%	0.059%
76	20.330	2973	2977	2981	rVB	65961	70499	5.09%	0.332%
77	20.506	3004	3007	3011	rVB6	7630	9249	0.67%	0.044%
78	20.665	3029	3034	3038	rBV5	27966	42177	3.05%	0.198%
79	20.759	3046	3050	3055	rBV	849259	984008	71.10%	4.630%
80	20.829	3057	3062	3065	rVV	125124	157974	11.42%	0.743%
81	20.864	3065	3068	3075	rVB2	132719	201942	14.59%	0.950%
82	21.011	3089	3093	3094	rBV4	9642	13140	0.95%	0.062%
83	21.176	3118	3121	3126	rBV2	12658	15676	1.13%	0.074%
84	21.252	3126	3134	3141	rBV2	31734	103381	7.47%	0.486%
85	21.329	3142	3147	3156	rVB2	237514	406494	29.37%	1.913%
86	21.681	3200	3207	3213	rBV	488665	791579	57.20%	3.724%
87	21.887	3237	3242	3252	rVB	192425	278775	20.14%	1.312%
88	22.504	3341	3347	3353	rBV	160646	284912	20.59%	1.341%
89	22.592	3356	3362	3372	rVB	107042	210826	15.23%	0.992%
90	23.197	3460	3465	3472	rBV	129297	236093	17.06%	1.111%
91	23.391	3495	3498	3506	rVB3	17554	34806	2.52%	0.164%
92	23.549	3520	3525	3530	rVB4	18768	31824	2.30%	0.150%
93	24.014	3597	3604	3611	rBV	113133	248573	17.96%	1.170%
94	24.683	3707	3718	3735	rVB	484902	1348758	97.46%	6.346%
95	24.907	3745	3756	3763	rBV	285989	800097	57.81%	3.764%
96	24.977	3763	3768	3776	rVB2	71425	170558	12.32%	0.802%
97	26.117	3955	3962	3974	rVB2	83642	241812	17.47%	1.138%
98	27.504	4188	4198	4209	rVB3	40730	143868	10.40%	0.677%
99	29.161	4468	4480	4492	rBV5	52866	227166	16.41%	1.069%
100	30.277	4658	4670	4689	rBV10	84571	418098	30.21%	1.967%

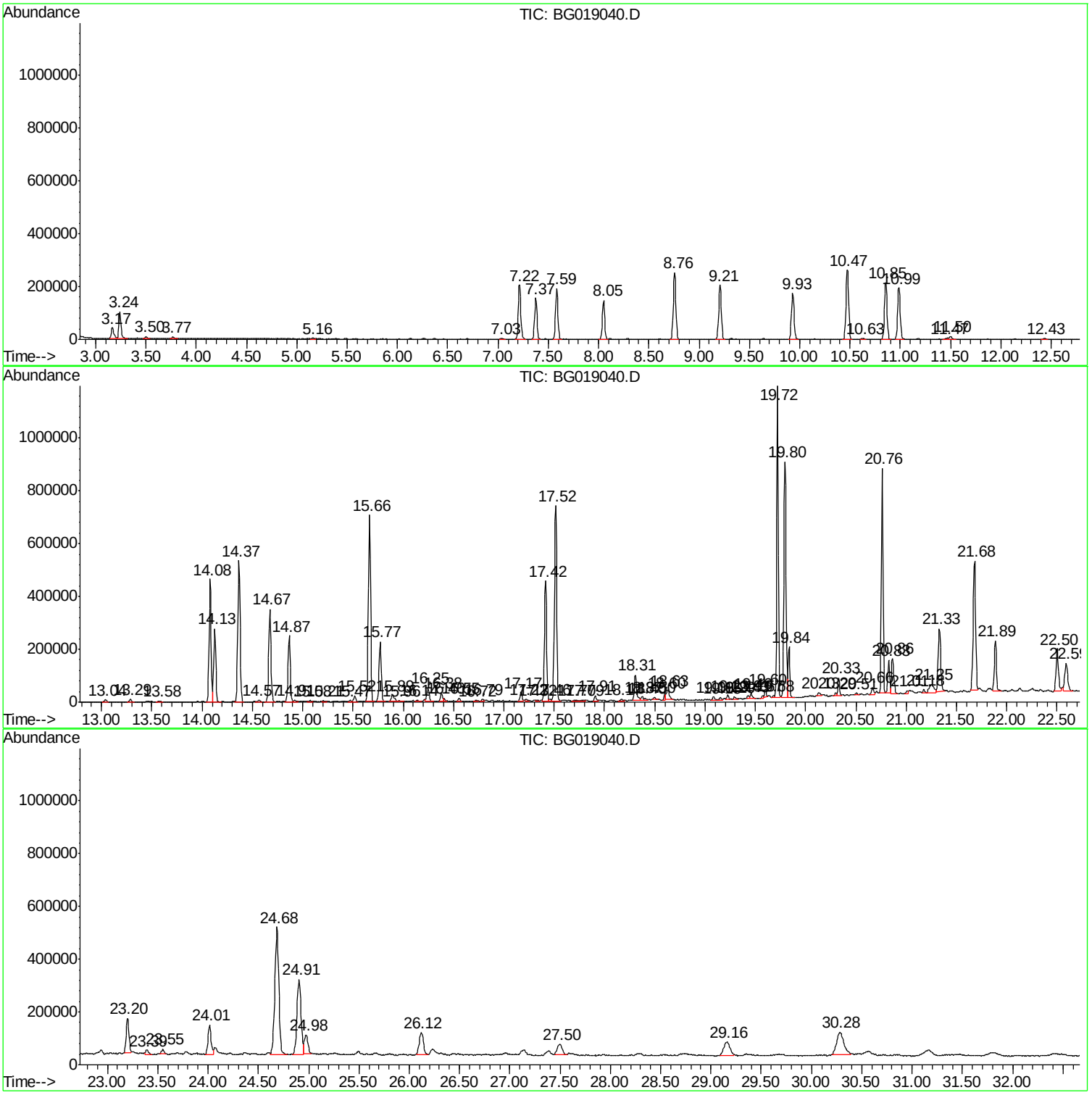
Sum of corrected areas: 21254050

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA2

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

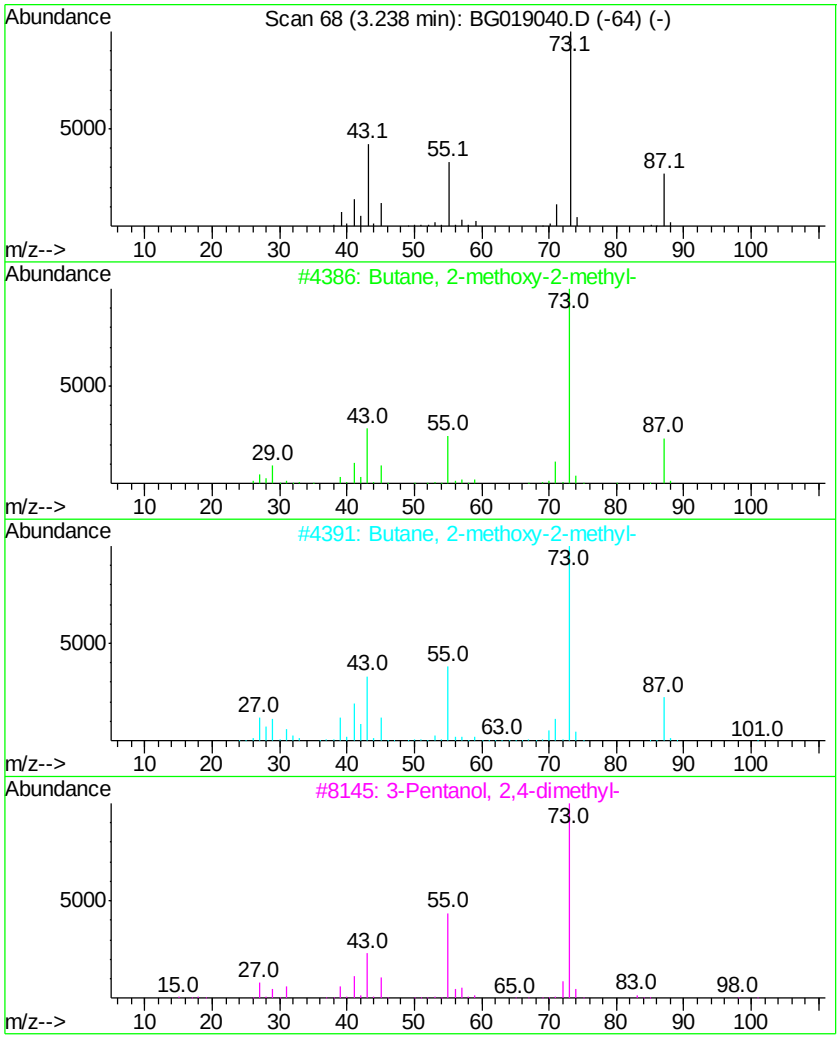
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

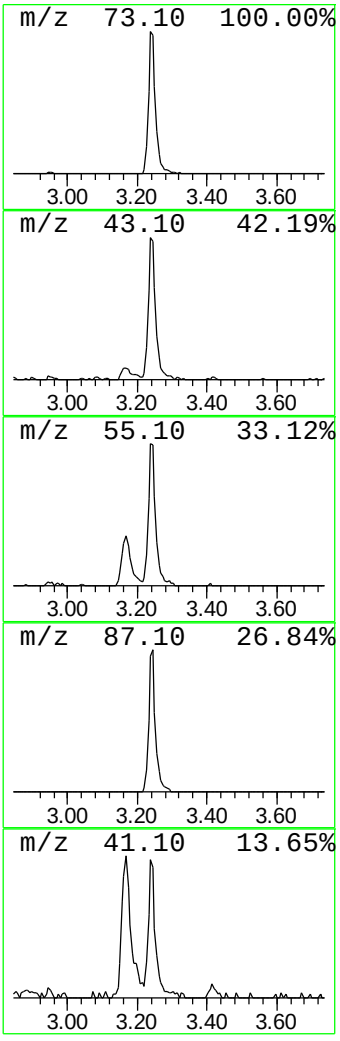
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	12.16 ng/ul	147812	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	78
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

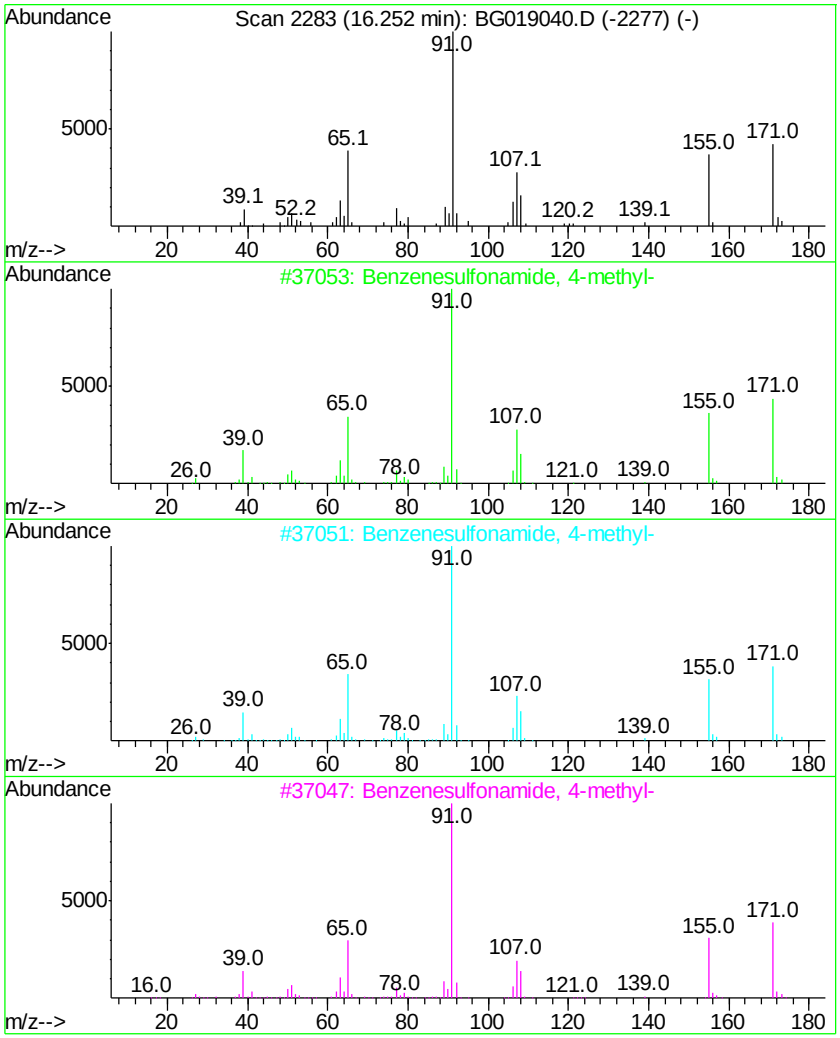
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

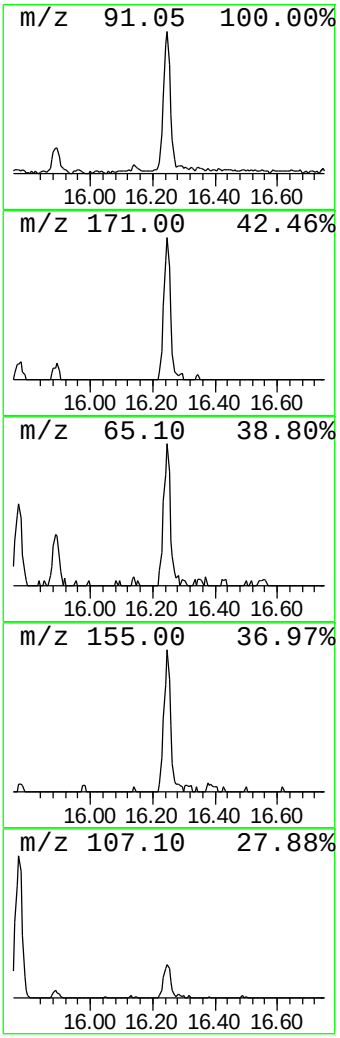
****

Peak Number 3 Benzenesulfonamide, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.34 ng/ul	79527	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	96
2	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	95
3	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	93
4	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	81
5	Thiosulfuric acid, S-[2-[3-(4-me...	381	C12H19N3O5S3	1000255-60-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

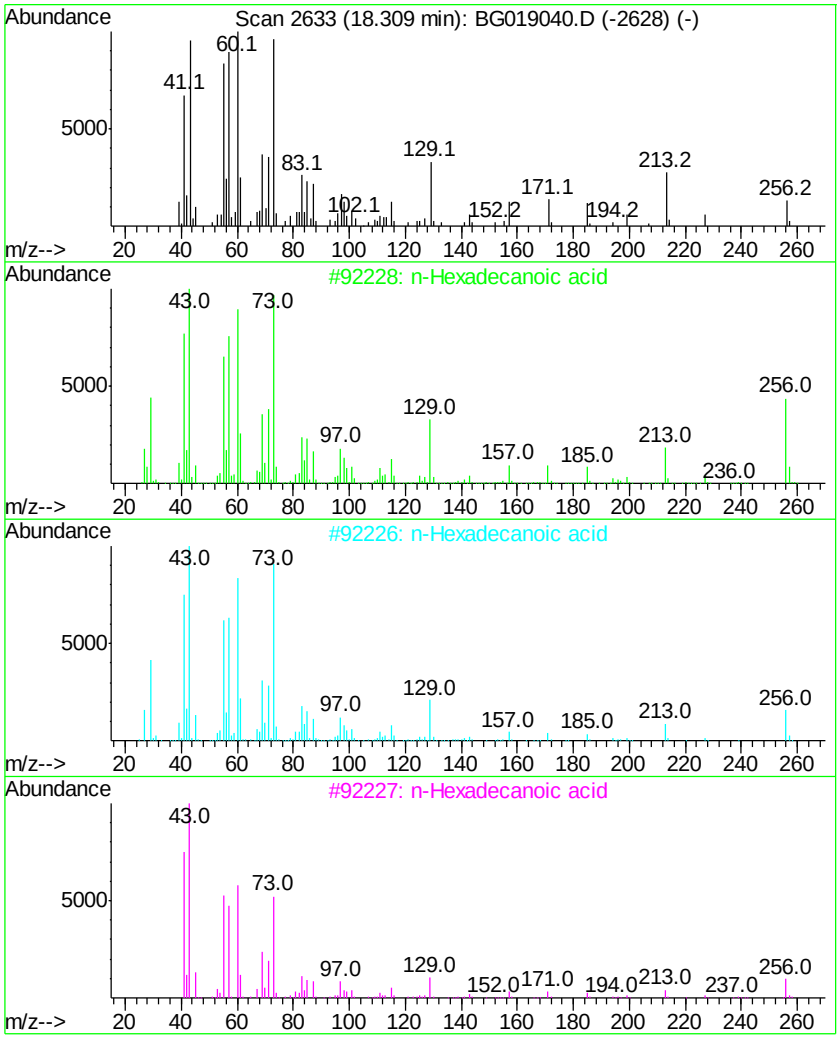
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

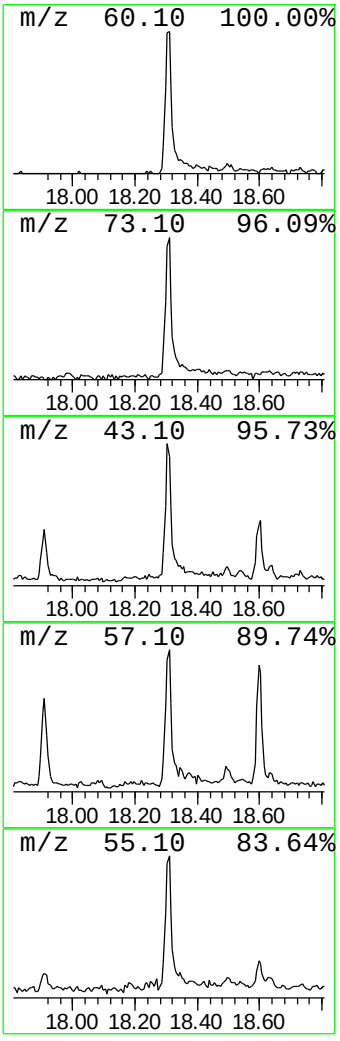
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.38 ng/ul	148958	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

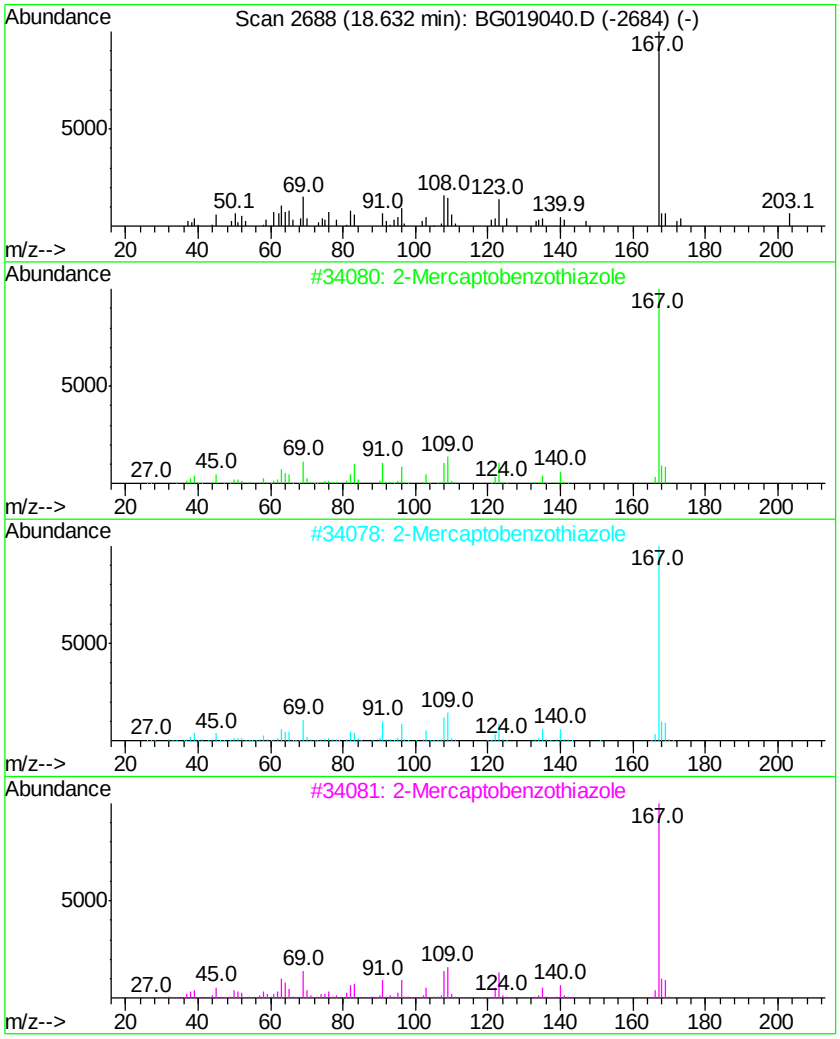
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

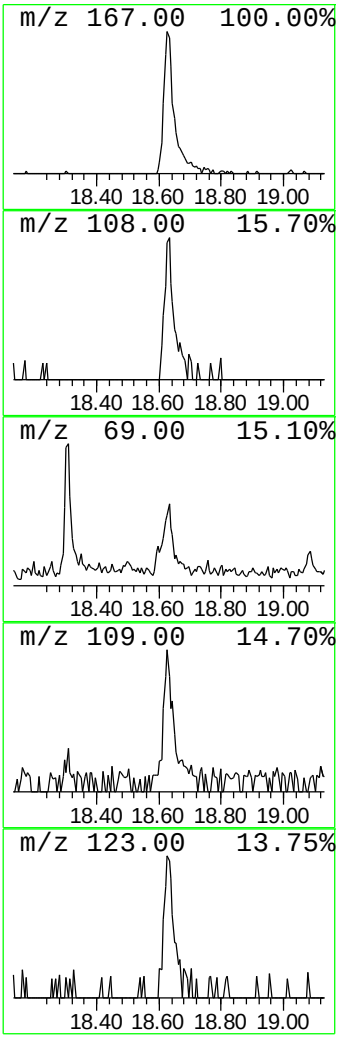
****

Peak Number 5 2-Mercaptobenzothiazole Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.01 ng/ul	68512	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	95
2	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
3	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
4	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
5	3-Hydroxy-4-nitrobenzaldehyde	167	C7H5NO4	000704-13-2	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

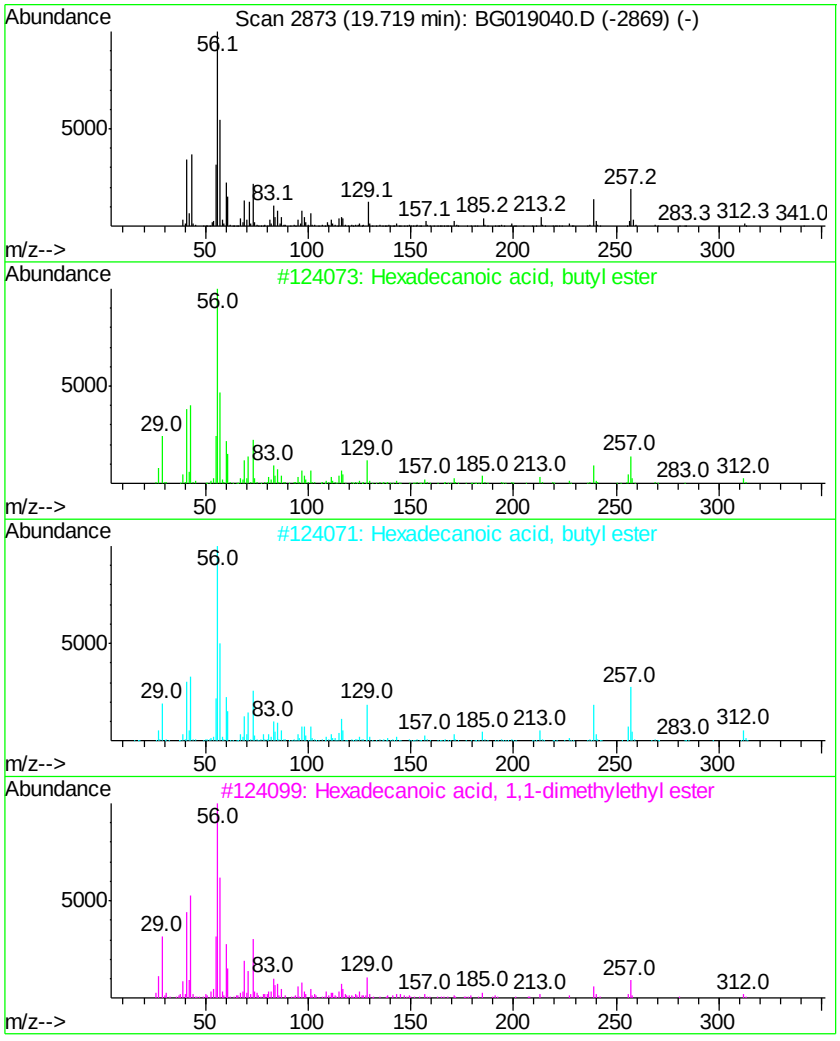
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

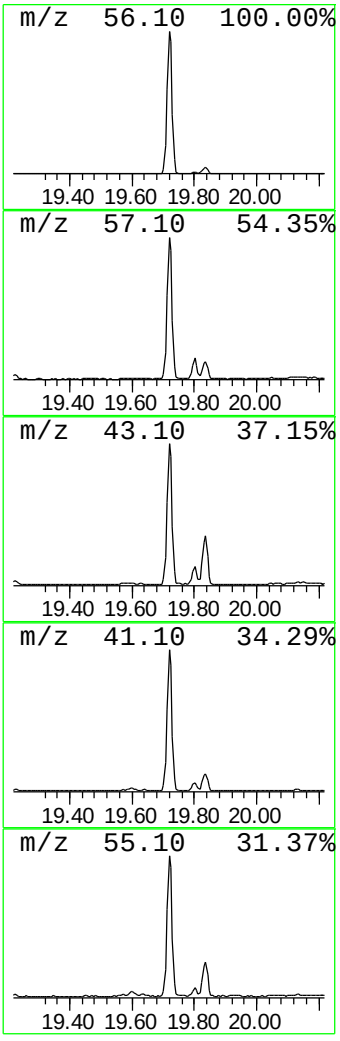
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	34.97 ng/ul	1383910	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	46
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

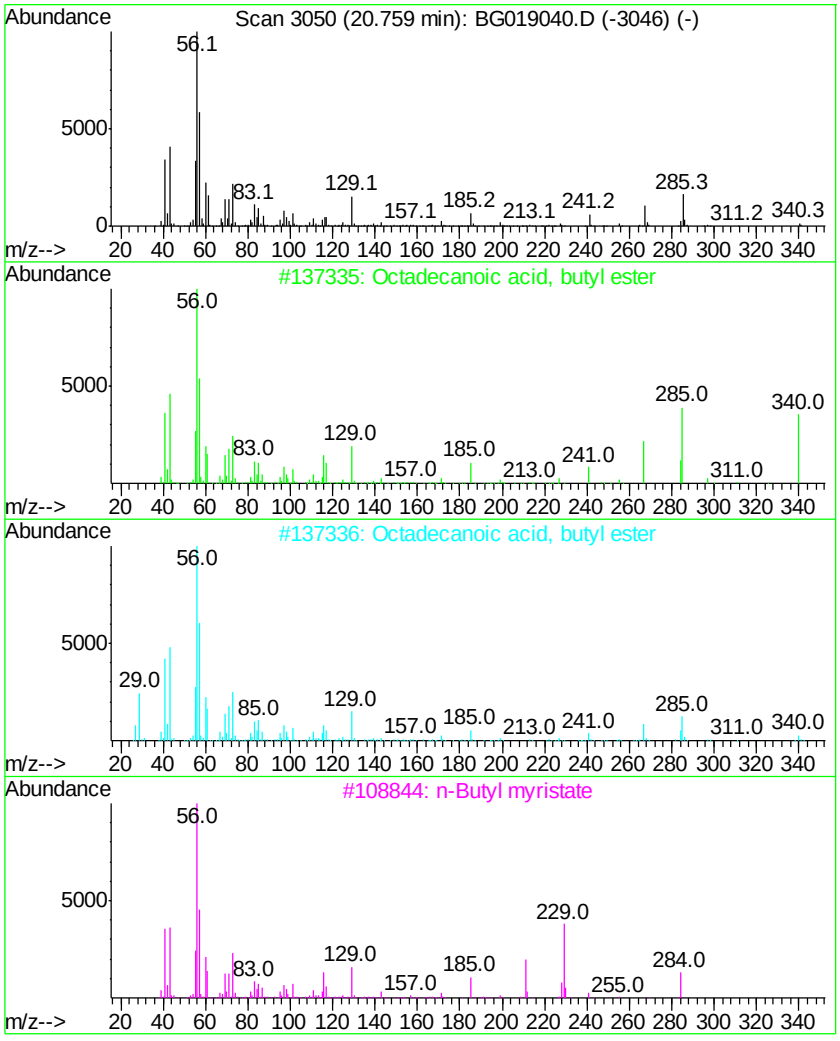
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

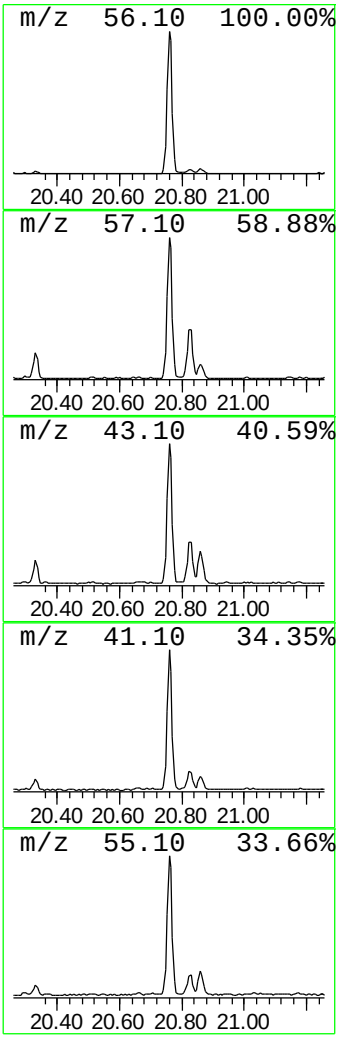
****

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	24.86 ng/ul	984008	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
3	n-Butyl myristate	284	C18H36O2	000110-36-1	64
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	62
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	37





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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

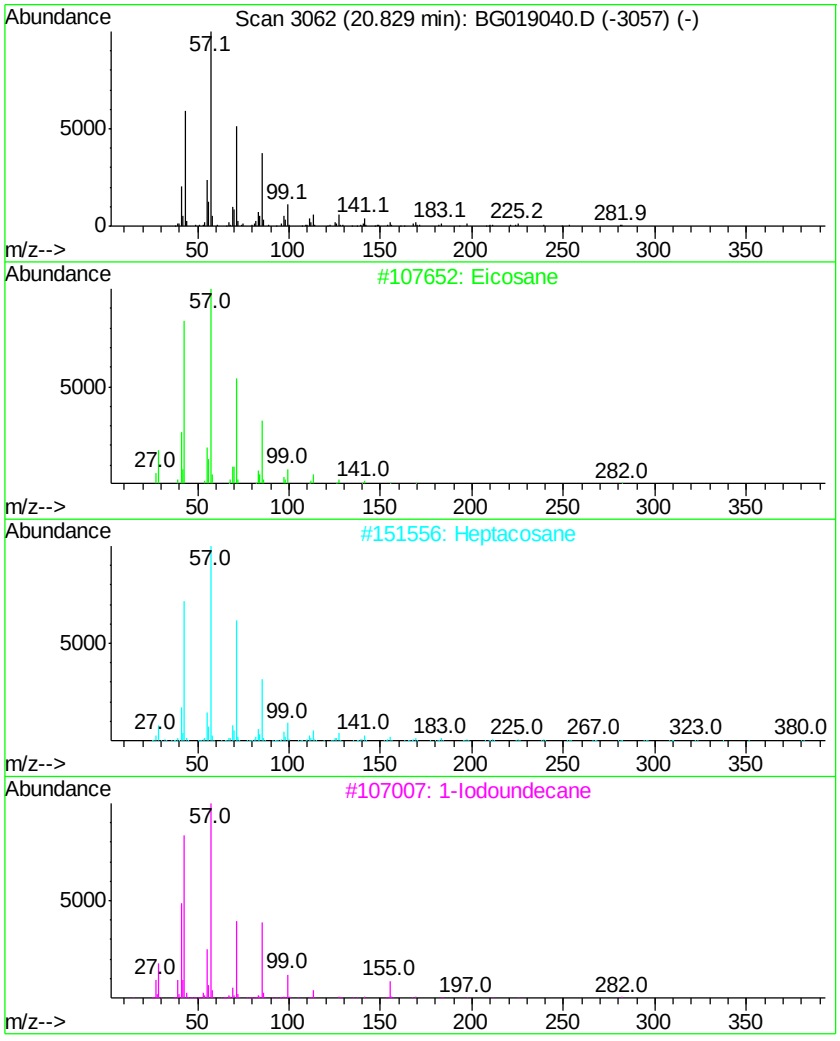
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

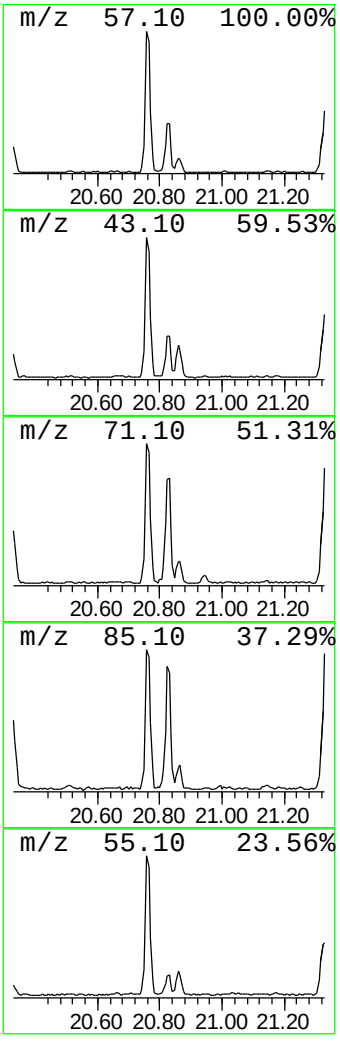
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.99 ng/ul	157974	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptacosane	380	C27H56	000593-49-7	91
3	1-Iodoundecane	282	C11H23I	004282-44-4	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

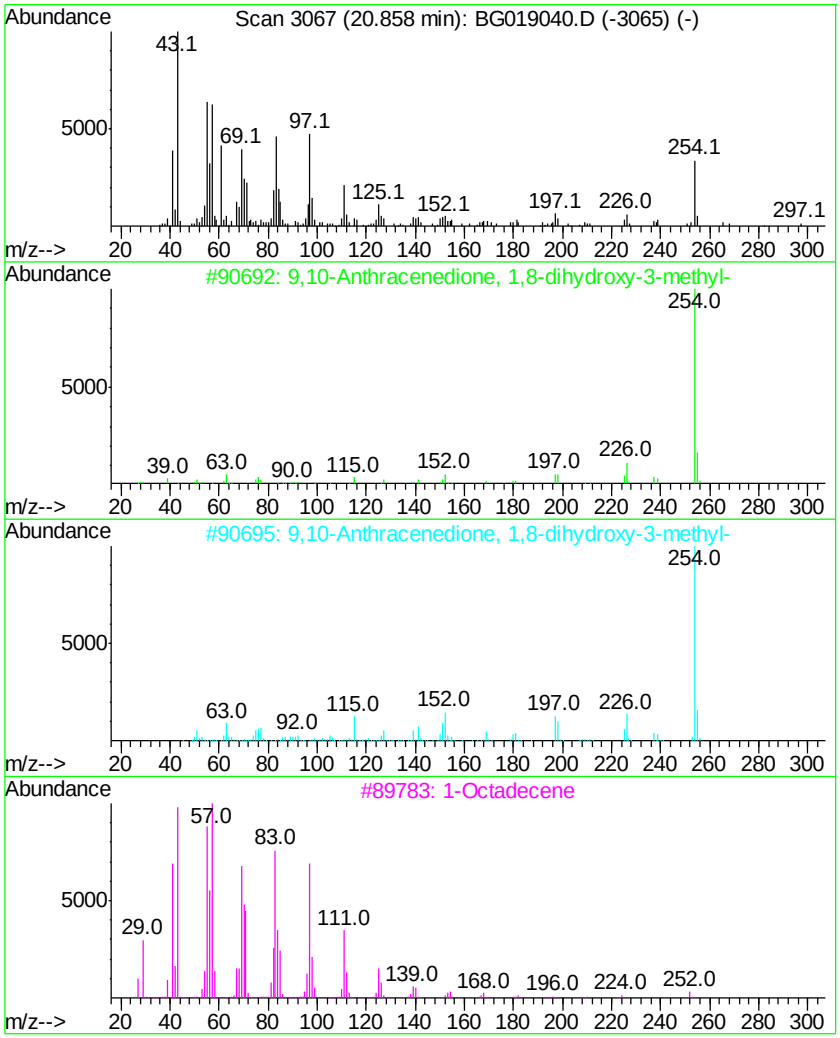
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

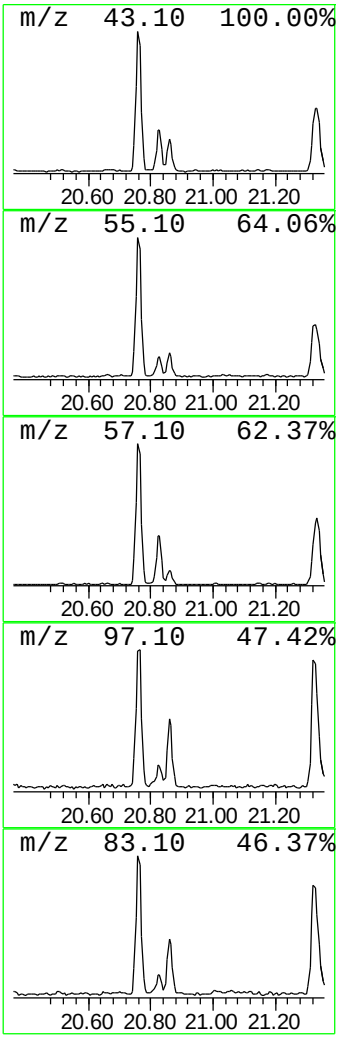
****

Peak Number 9 9,10-Anthracenedione, 1,8-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.10 ng/ul	201942	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	95
2	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	93
3	1-Octadecene	252	C18H36	000112-88-9	93
4	1-Octadecene	252	C18H36	000112-88-9	78
5	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	72





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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

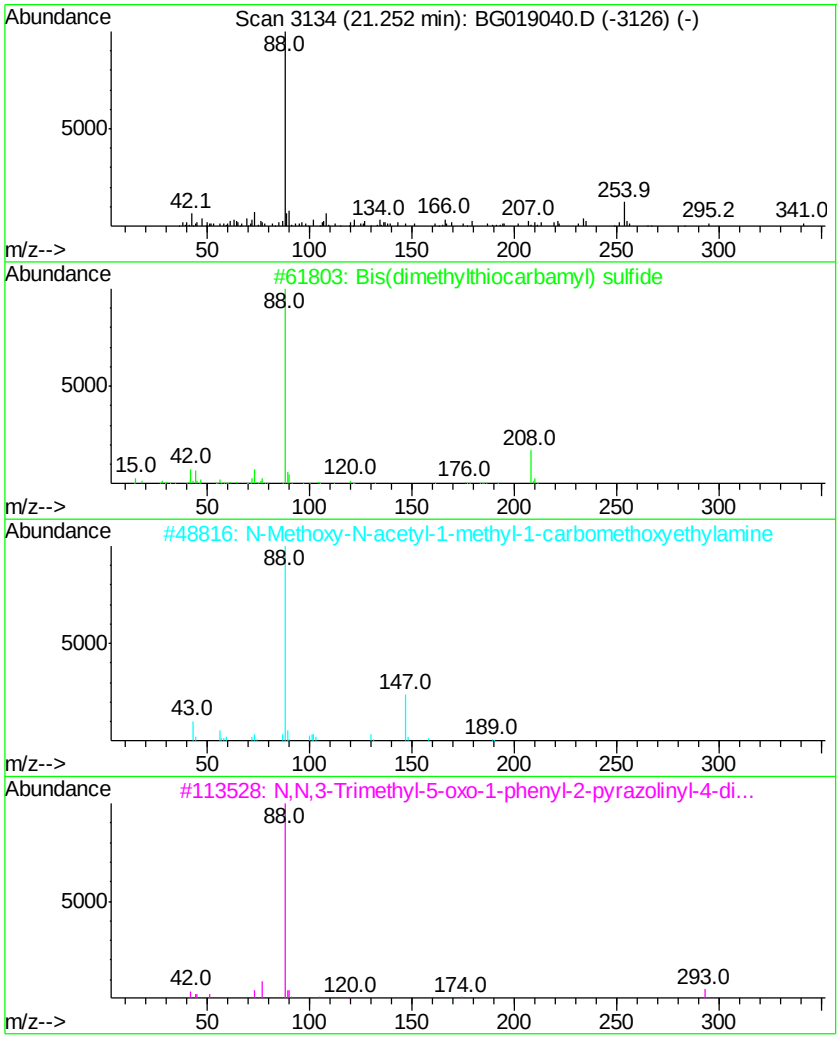
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

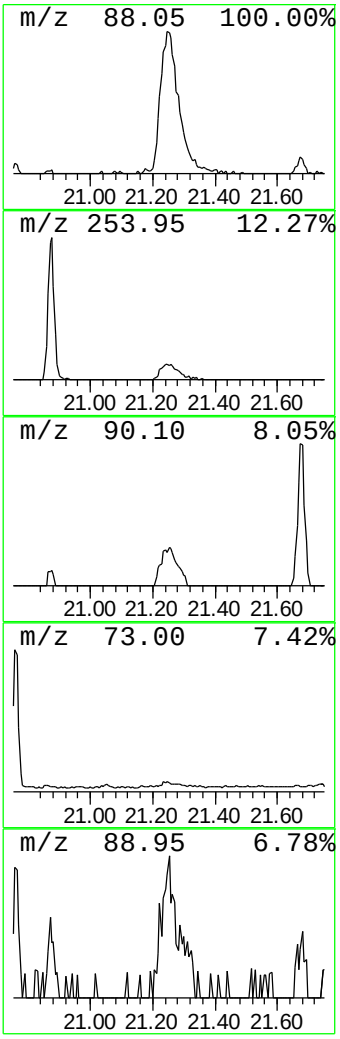
****

Peak Number 10 Bis(dimethylthiocarbamyl) s... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.61 ng/ul	103381	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(dimethylthiocarbamyl) sulfide	208	C6H12N2S3	000097-74-5	59
2	N-Methoxy-N-acetyl-1-methyl-1-ca...	189	C8H15NO4	087687-85-2	53
3	N,N,3-Trimethyl-5-oxo-1-phenyl-2...	293	C13H15N3OS2	1000102-05-7	53
4	3-Aza-2-oxabicyclo[2.2.2]oct-5-e...	267	C10H12F3NO4	102698-35-1	42
5	N,N-Dimethylthiocarbamoyl phenyl...	273	C10H11NS4	019378-01-9	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

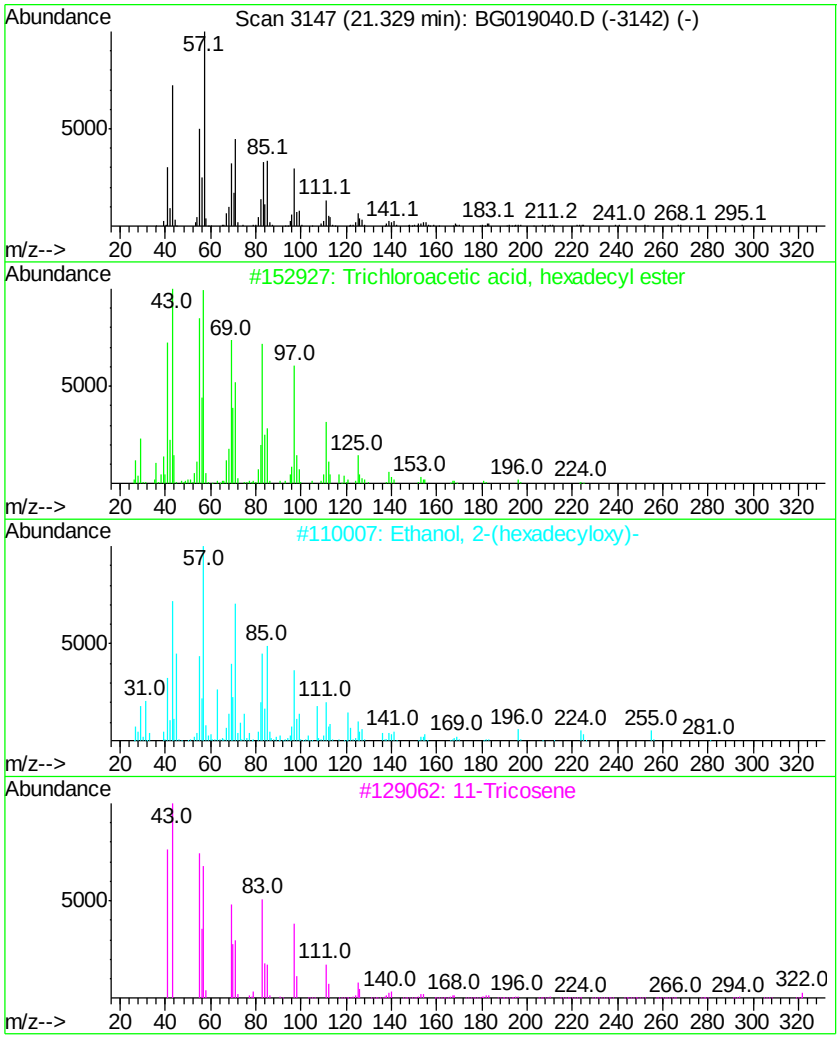
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

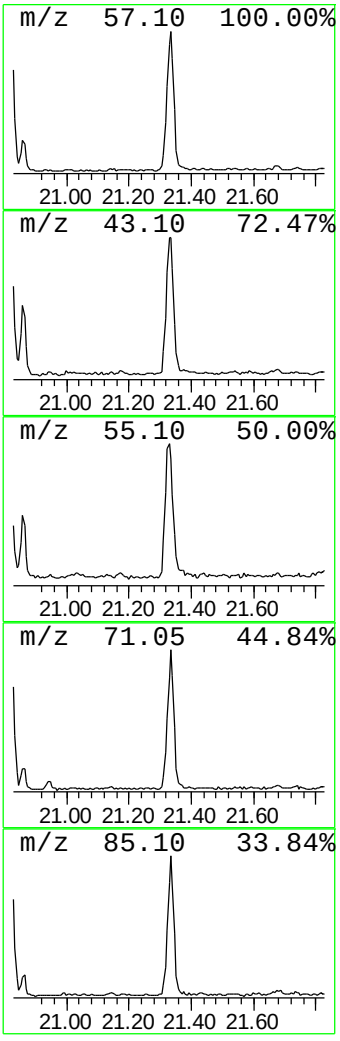
****

Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	10.27 ng/ul	406494	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
3	11-Tricosene	322	C23H46	052078-56-5	70
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	68
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	68





Library Search Compound Report

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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

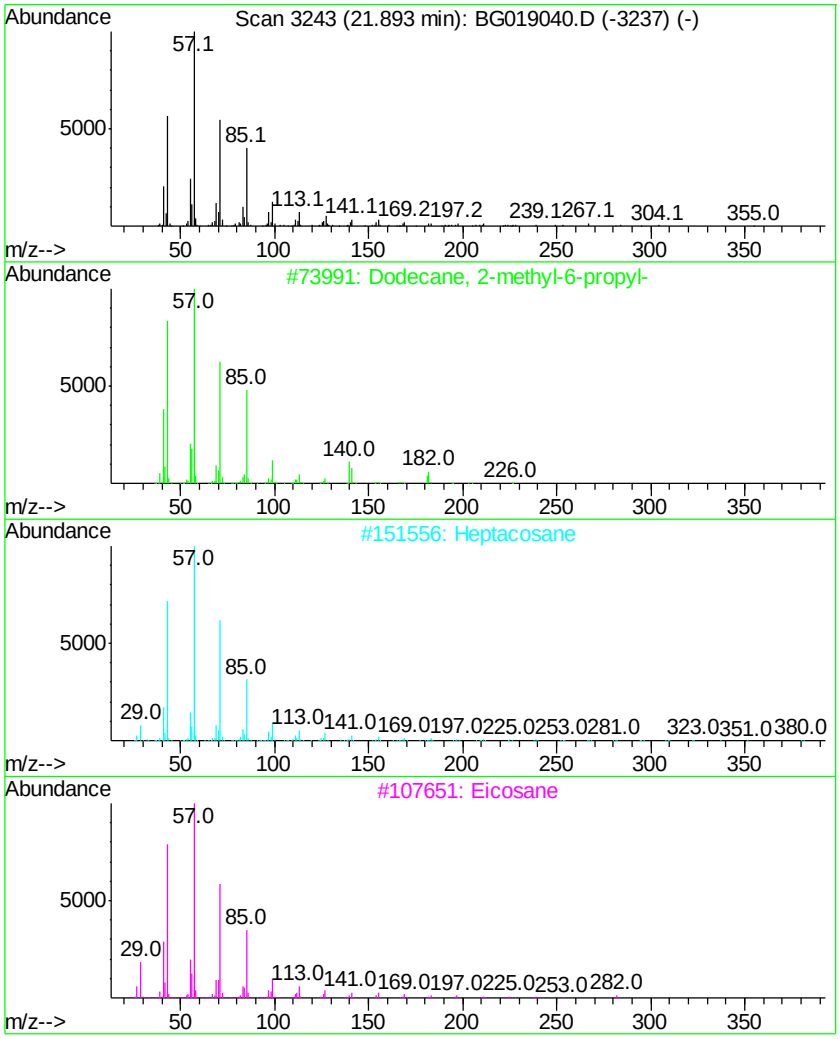
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

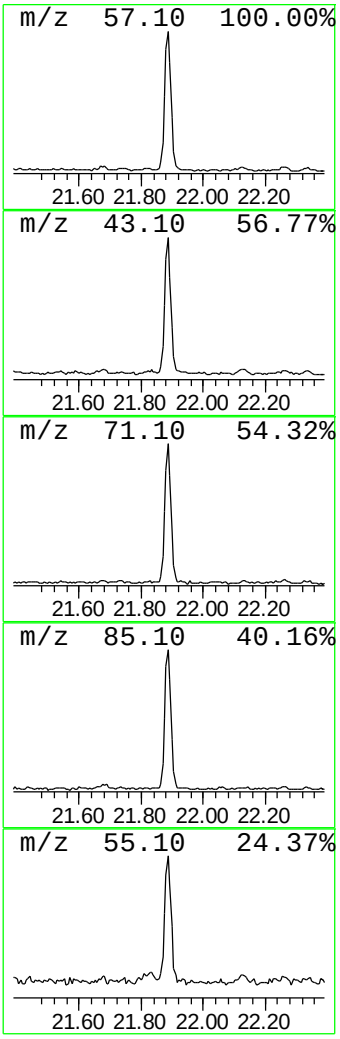
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	7.04 ng/ul	278775	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

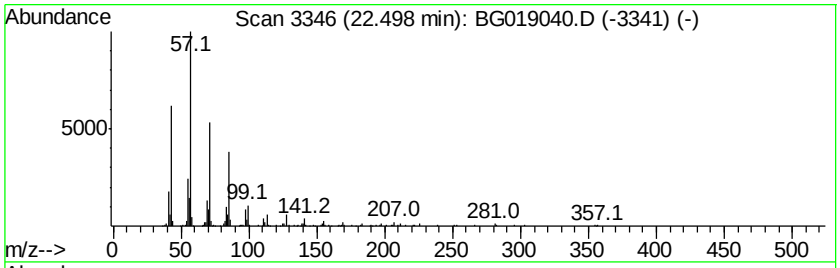
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

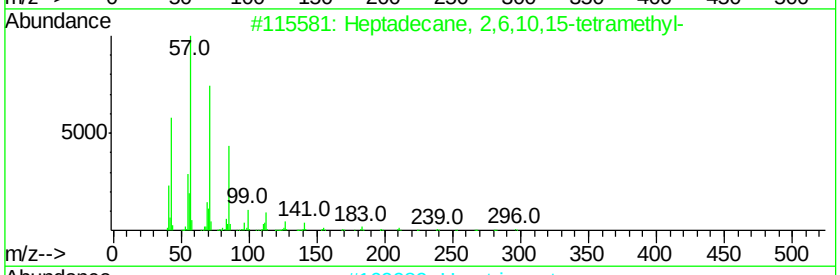
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

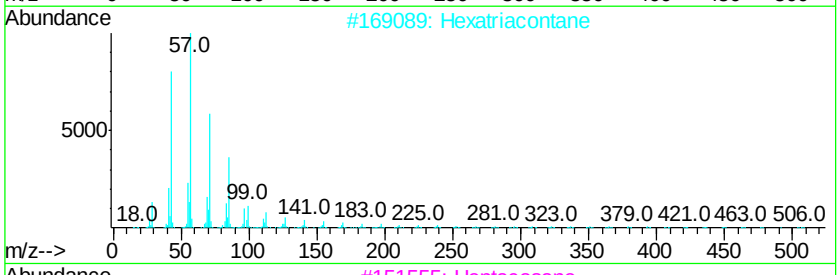
****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

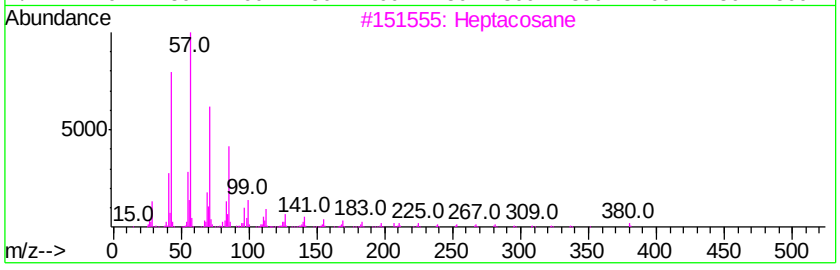
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	7.20 ng/ul	284912	Chrysene-d12	21.68

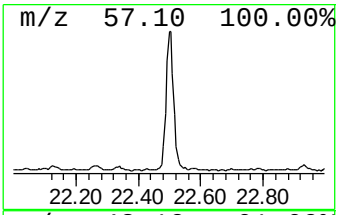
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Hentriacontane	437	C31H64	000630-04-6	91

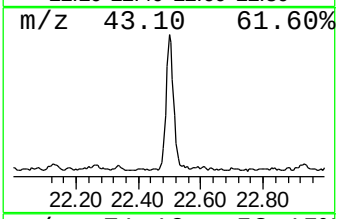


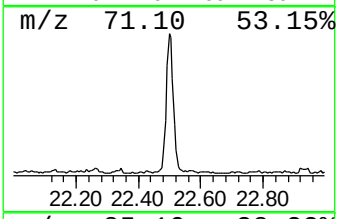


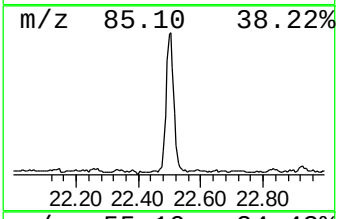


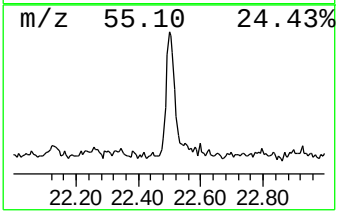












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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

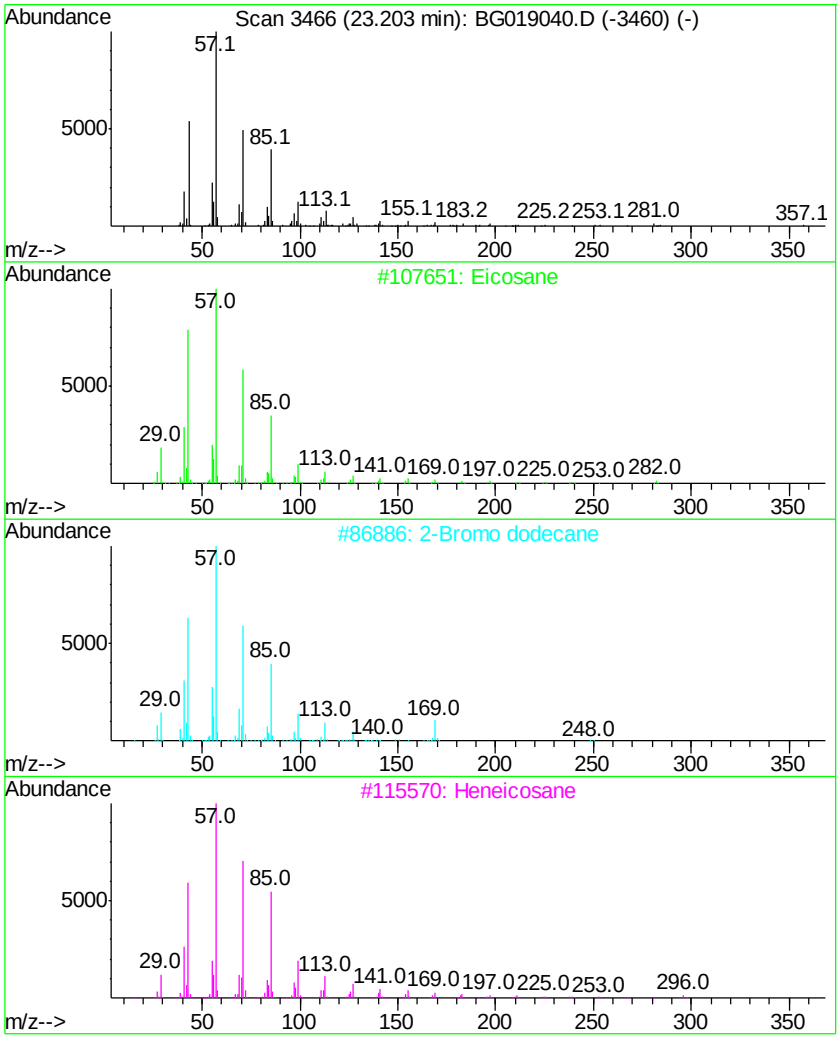
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

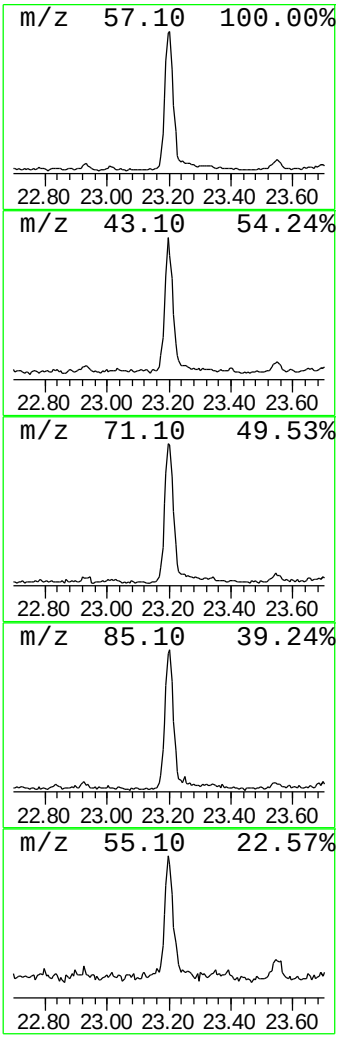
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	5.97 ng/ul	236093	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

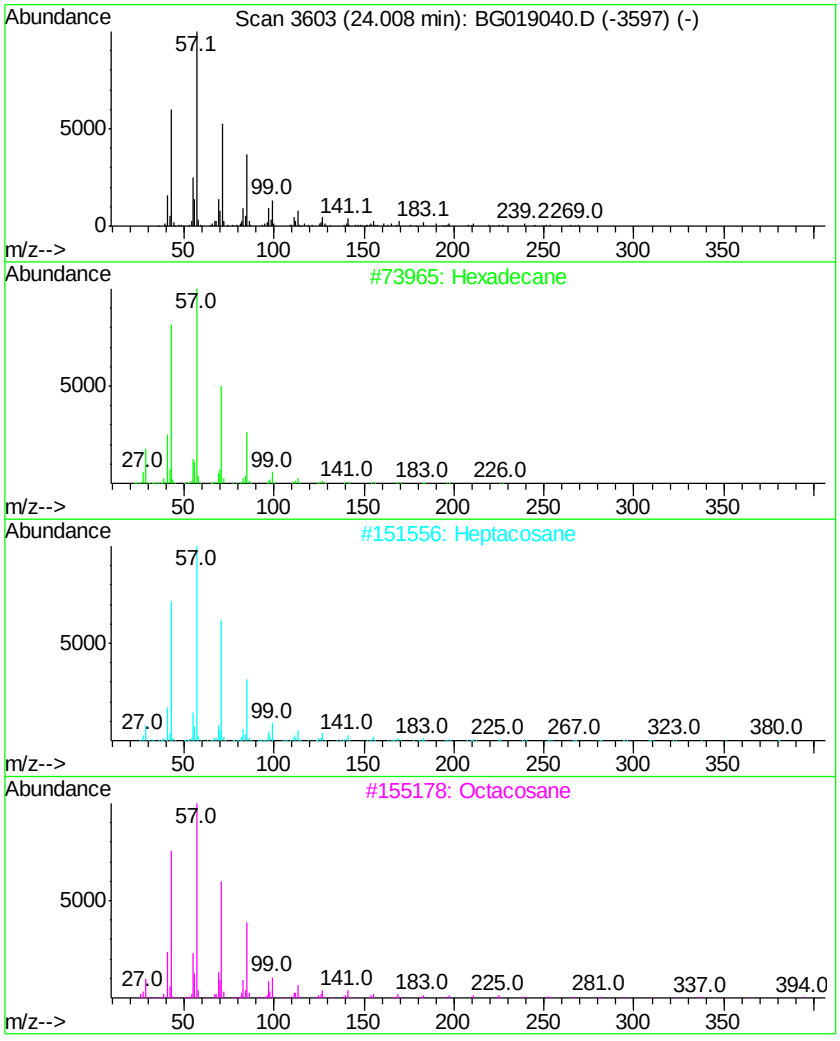
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

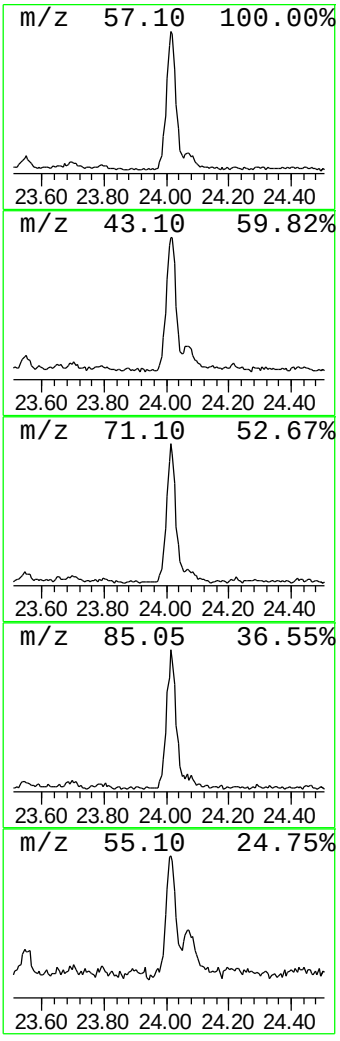
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	6.21 ng/ul	248573	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

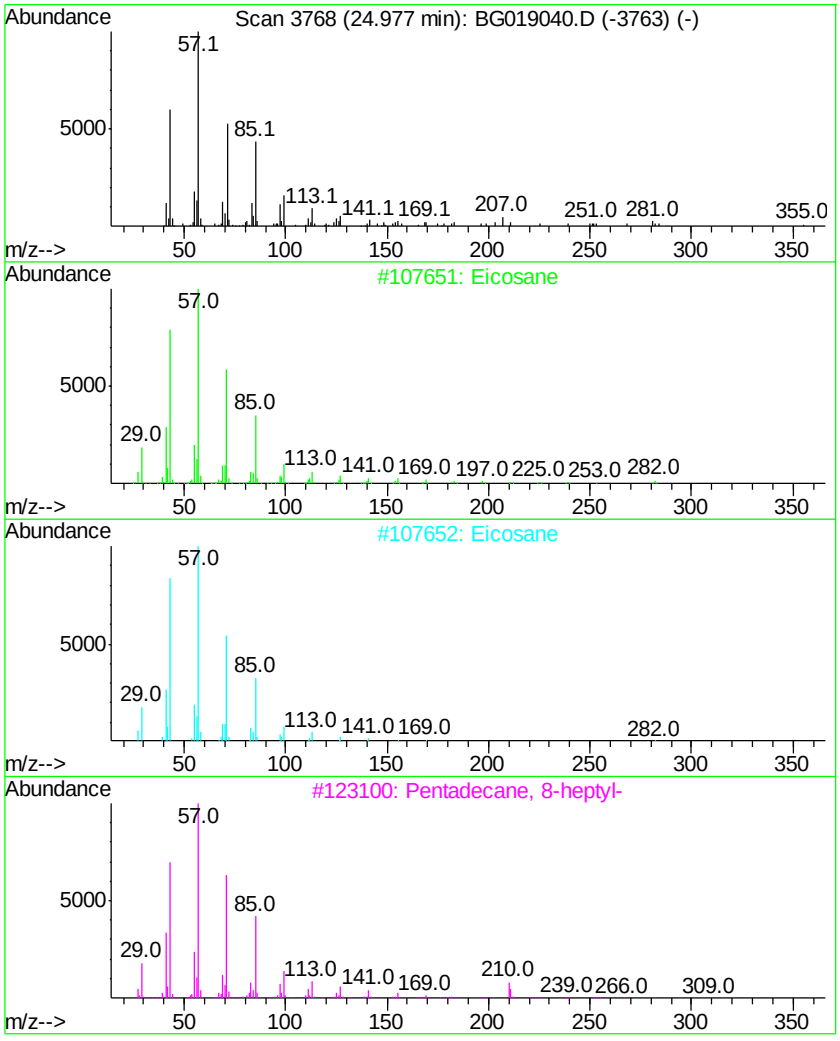
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

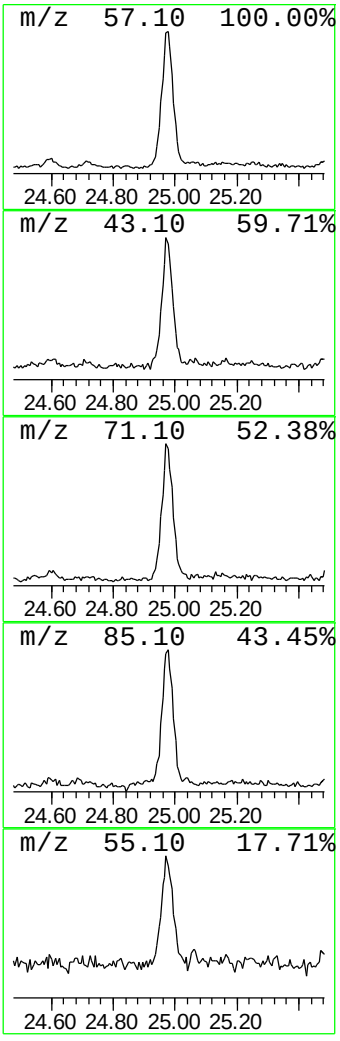
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	4.26 ng/ul	170558	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Docosane	310	C22H46	000629-97-0	87
5	Nonacosane	408	C29H60	000630-03-5	83





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Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

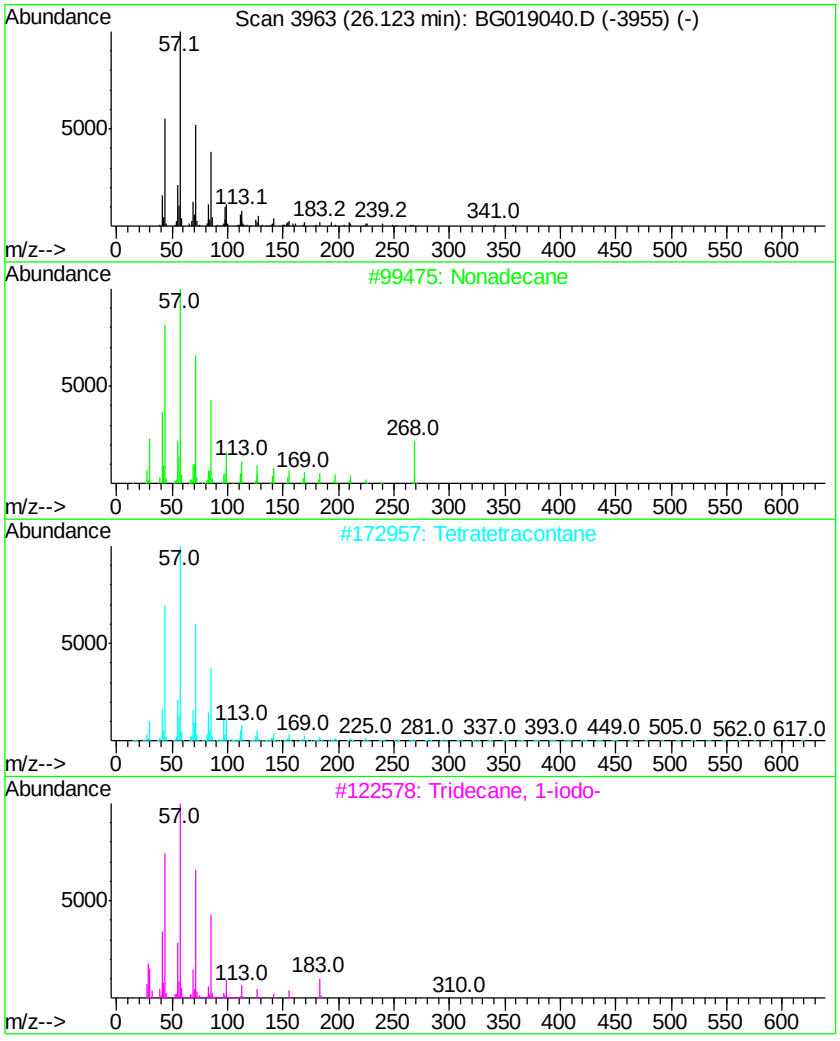
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

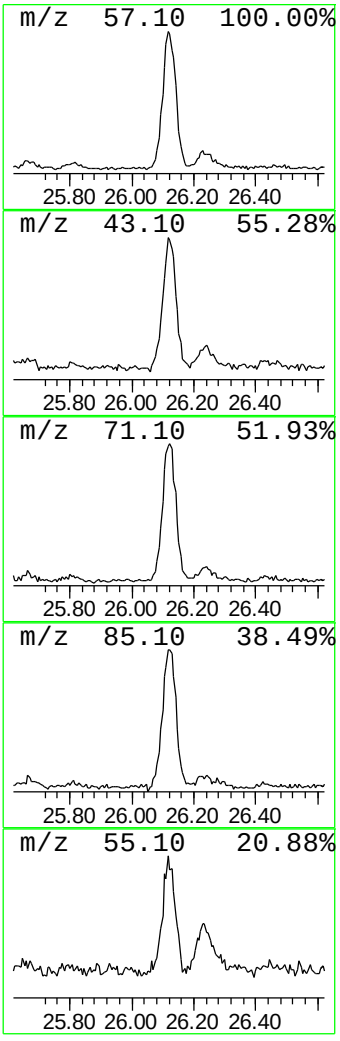
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	6.04 ng/ul	241812	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

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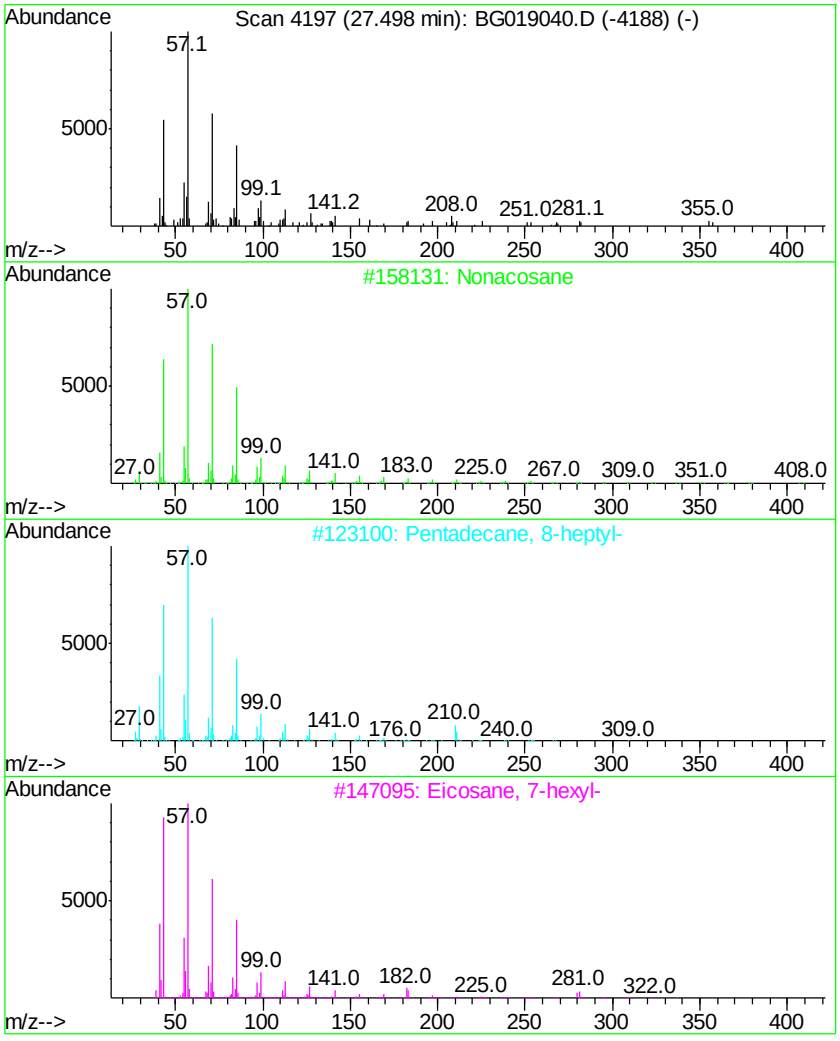
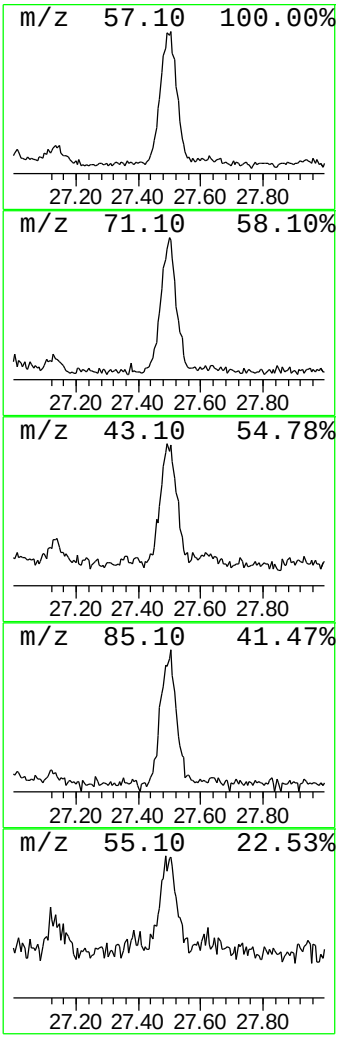
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.50	3.60 ng/ul	143868	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	86
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

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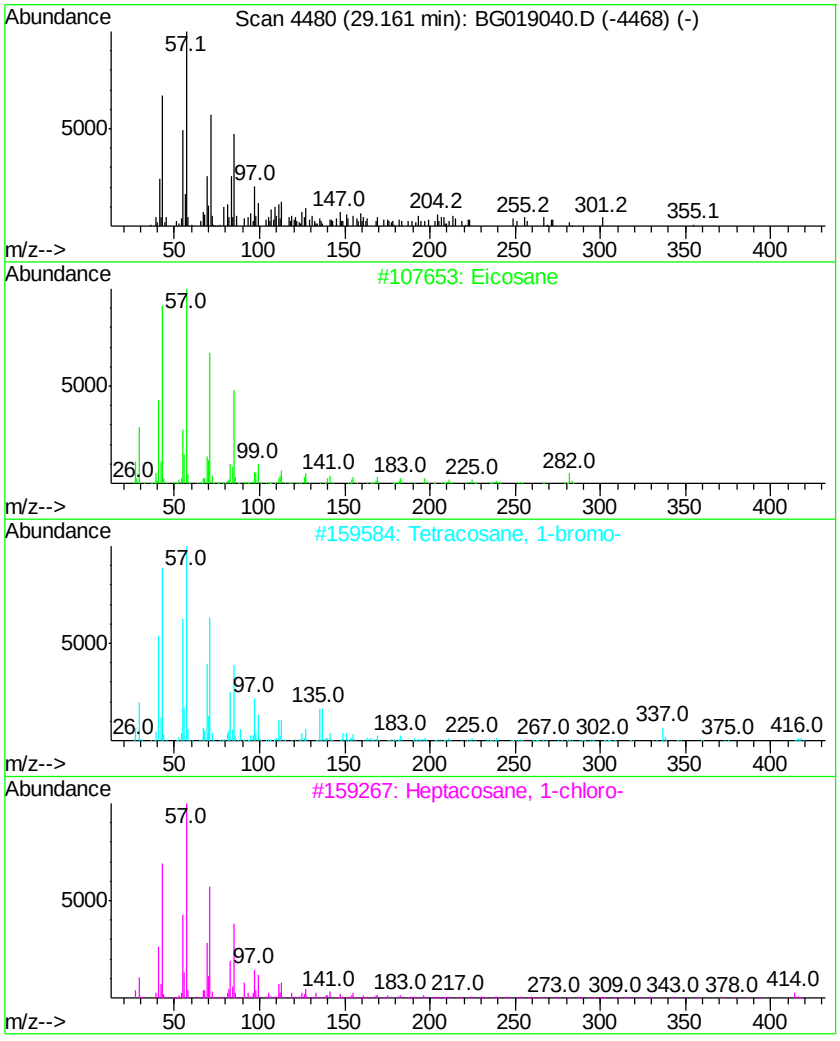
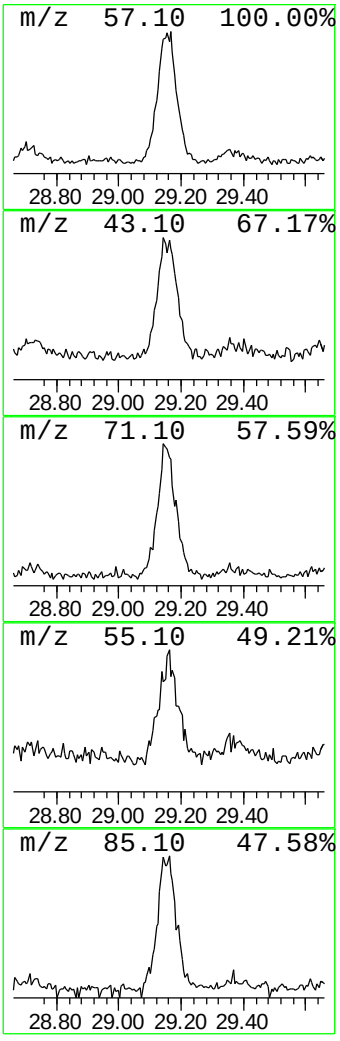
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.16	5.68 ng/ul	227166	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	74
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
4	1-Chloroeicosane	316	C20H41Cl	042217-02-7	72
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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

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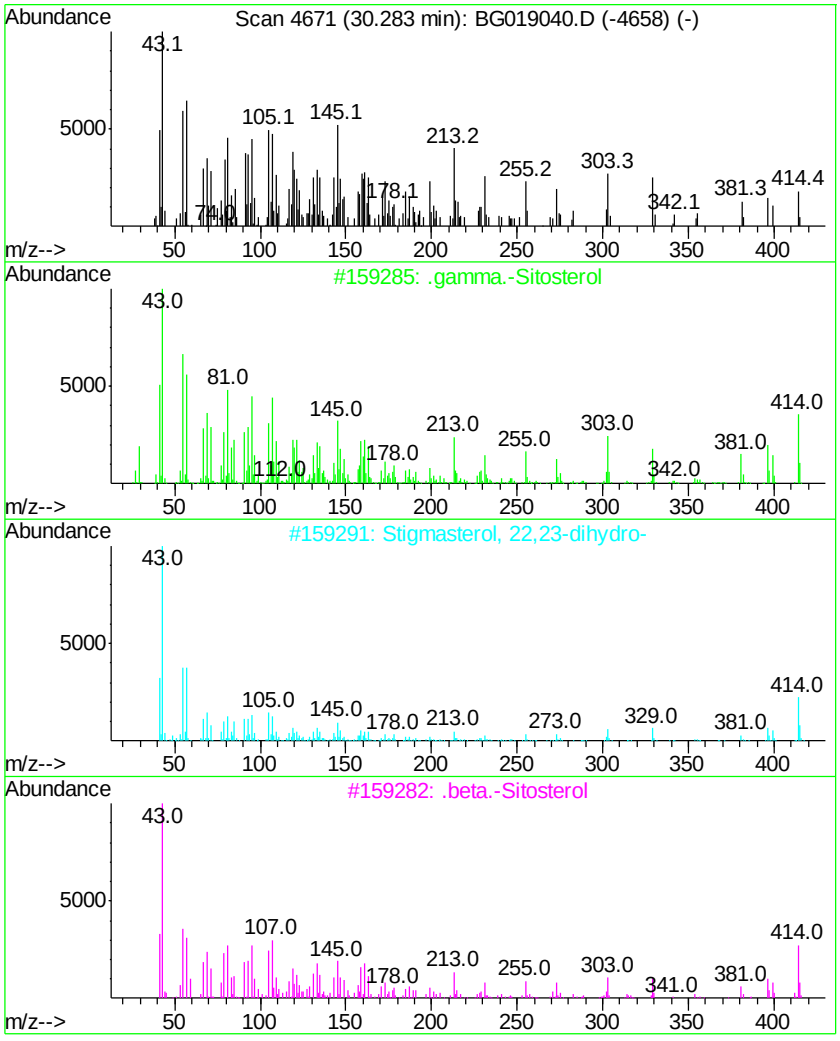
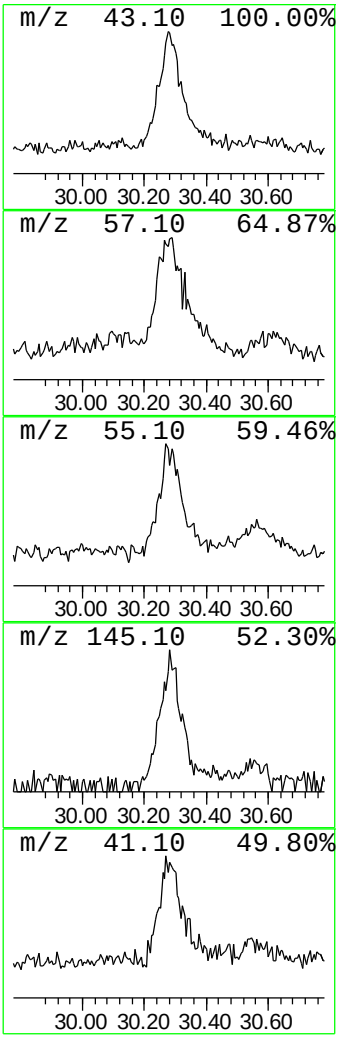
Peak Number 21 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.28	10.45 ng/ul	418098	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	97
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
Data File : BG019040.D
Acq On : 5 Oct 2015 23:23
Operator : UM/NP
Sample : G3900-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA2

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...	3.24	12.2	ng/ul	147812	1	8.05	243038	20.0
Benzenesulfonamid...	16.25	2.3	ng/ul	79527	4	17.42	680391	20.0
n-Hexadecanoic acid	18.31	4.4	ng/ul	148958	4	17.42	680391	20.0
2-Mercaptobenzoth...	18.63	2.0	ng/ul	68512	4	17.42	680391	20.0
Hexadecanoic acid...	19.72	35.0	ng/ul	1383910	5	21.68	791579	20.0
Octadecanoic acid...	20.76	24.9	ng/ul	984008	5	21.68	791579	20.0
(DEL) Alkane: Str...	20.83	4.0	ng/ul	157974	5	21.68	791579	20.0
9,10-Anthracenedi...	20.86	5.1	ng/ul	201942	5	21.68	791579	20.0
Bis(dimethylthioc...	21.25	2.6	ng/ul	103381	5	21.68	791579	20.0
Trichloroacetic a...	21.33	10.3	ng/ul	406494	5	21.68	791579	20.0
(DEL) Alkane: Str...	21.89	7.0	ng/ul	278775	5	21.68	791579	20.0
(DEL) Alkane: Str...	22.50	7.2	ng/ul	284912	5	21.68	791579	20.0
(DEL) Alkane: Str...	23.20	6.0	ng/ul	236093	5	21.68	791579	20.0
(DEL) Alkane: Str...	24.01	6.2	ng/ul	248573	6	24.91	800097	20.0
(DEL) Alkane: Str...	24.98	4.3	ng/ul	170558	6	24.91	800097	20.0
(DEL) Alkane: Str...	26.12	6.0	ng/ul	241812	6	24.91	800097	20.0
(DEL) Alkane: Str...	27.50	3.6	ng/ul	143868	6	24.91	800097	20.0
(DEL) Alkane: Str...	29.16	5.7	ng/ul	227166	6	24.91	800097	20.0
.gamma.-Sitosterol	30.28	10.4	ng/ul	418098	6	24.91	800097	20.0