LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

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-BG070615.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	2.814	17	21	28	rVV3	97031	175145	4.99%	0.395%
2	2.885	28	33	47	rVB	2119922	2713109	77.26%	6.112%
3	3.131	74	75	80	rVB3	15386	16231	0.46%	0.037%
4	3.648	159	163	165	rBV2	17274	22305	0.64%	0.050%
5	4.747	346	350	355	rVB2	25681	42957	1.22%	0.097%
6	6.780	687	696	703	rBV	249453	417601	11.89%	0.941%
7	6.945	717	724	731	rBV	177793	282266	8.04%	0.636%
8	7.138	749	757	768	rVB	256165	403863	11.50%	0.910%
9	7.603	830	836	843	rVB	492895	774878	22.06%	1.746%
10	8.143	922	928	932	rVV5	16880	32015	0.91%	0.072%
11	8.308	947	956	964	rBV	306379	493452	14.05%	1.112%
12	8.419	971	975	981	rBV	46346	74378	2.12%	0.168%
13	8.754	1025	1032	1043	rVV	227298	378424	10.78%	0.852%
14	9.471	1148	1154	1162	rVV	201535	337905	9.62%	0.761%
15	10.006	1238	1245	1255	rVB	313817	509641	14.51%	1.148%
16	10.382	1301	1309	1315	rBV	730138	1242068	35.37%	2.798%
17	10.435	1315	1318	1324	rVB	84827	129726	3.69%	0.292%
18	10.523	1324	1333	1345	rBV	220369	402532	11.46%	0.907%
19	11.428	1482	1487	1493	rBV7	16315	33183	0.94%	0.075%
20	12.056	1586	1594	1600	rVB2	42937	77881	2.22%	0.175%
21	12.274	1621	1631	1636	rBV3	36210	75796	2.16%	0.171%
22	12.797	1715	1720	1726	rVV3	31960	54640	1.56%	0.123%
23	12.861	1726	1731	1735	rVV4	13852	24709	0.70%	0.056%
24	13.084	1761	1769	1776	rBV4	20966	55074	1.57%	0.124%
25	13.308	1804	1807	1812	rVB6	18559	25602	0.73%	0.058%
26	13.414	1820	1825	1827	rBV4	33559	54008	1.54%	0.122%
27	13.490	1834	1838	1841	rBV6	11306	16524	0.47%	0.037%
28	13.572	1847	1852	1858	rBV4	43640	81948	2.33%	0.185%
29	13.625	1858	1861	1864	rVV5	27512	41161	1.17%	0.093%
30	13.672	1864	1869	1873	rVV	488767	680310	19.37%	1.533%
31	13.719	1873	1877	1881	rVV2	165915	239302	6.81%	0.539%
32	13.754	1881	1883	1887	rVV2	45092	52206	1.49%	0.118%
33	13.813	1888	1893	1896	rVV5	29996	46505	1.32%	0.105%
34	13.848	1896	1899	1903	rVB5	14511	19151	0.55%	0.043%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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-BG070615.M
Title : SVOA CALIBRATION

35	13.942	1907	1915	1925	rBV	554194	954473	27.18%	2.150%
36	14.177	1949	1955	1958	rBV6	28704	44648	1.27%	0.101%
37	14.260	1958	1969	1975	rVV2	1166704	1781361	50.72%	4.013%
38	14.318	1975	1979	1988	rVV	109446	168484	4.80%	0.380%
39	14.389	1989	1991	1997	rVB7	22730	27496	0.78%	0.062%
40	14.459	1997	2003	2015	rBV2	246474	458962	13.07%	1.034%
41	14.547	2015	2018	2020	rBV3	15955	18121	0.52%	0.041%
42	14.659	2026	2037	2046	rBV	105059	232529	6.62%	0.524%
43	14.735	2046	2050	2055	rVB2	32224	49943	1.42%	0.113%
44	14.800	2057	2061	2066	rVB7	44928	62304	1.77%	0.140%
45	14.882	2070	2075	2080	rBV2	47064	79015	2.25%	0.178%
46	14.929	2080	2083	2088	rVB4	32911	49995	1.42%	0.113%
47	14.994	2088	2094	2096	rBV7	12811	27775	0.79%	0.063%
48	15.053	2098	2104	2106	rBV6	26857	54296	1.55%	0.122%
49	15.135	2114	2118	2122	rBV2	40560	56707	1.61%	0.128%
50	15.253	2133	2138	2143	rVB	727855	1010790	28.78%	2.277%
51	15.305	2143	2147	2152	rVB2	126110	184509	5.25%	0.416%
52	15.370	2153	2158	2164	rBV2	158569	263070	7.49%	0.593%
53	15.435	2166	2169	2173	rVB3	39940	45608	1.30%	0.103%
54	15.540	2181	2187	2192	rBV5	81051	165847	4.72%	0.374%
55	15.605	2195	2198	2208	rVB2	74607	147252	4.19%	0.332%
56	15.746	2218	2222	2232	rVB5	66383	159066	4.53%	0.358%
57	15.828	2233	2236	2243	rVV9	26915	47024	1.34%	0.106%
58	15.993	2259	2264	2266	rBV3	96019	144444	4.11%	0.325%
59	16.022	2266	2269	2273	rVB	124831	166288	4.74%	0.375%
60	16.122	2283	2286	2290	rVB5	25185	35035	1.00%	0.079%
61	16.663	2375	2378	2386	rVB4	61714	102870	2.93%	0.232%
62	16.751	2389	2393	2397	rVV7	41378	94197	2.68%	0.212%
63	16.792	2397	2400	2402	rVV2	70608	86765	2.47%	0.195%
64	16.839	2403	2408	2416	rVB3	139772	265795	7.57%	0.599%
65	17.009	2431	2437	2441	rBV2	1384783	2017117	57.44%	4.544%
66	17.050	2441	2444	2449	rVV	967177	1257542	35.81%	2.833%
67	17.109	2449	2454	2457	rVV2	769961	1143121	32.55%	2.575%
68	17.139	2457	2459	2464	rVB	267091	341188	9.72%	0.769%
69	17.415	2503	2506	2510	rBV	65888	69913	1.99%	0.157%
70	17.526	2523	2525	2531	rVB4	63921	77629	2.21%	0.175%
71	17.591	2533	2536	2539	rVV2	43700	50033	1.42%	0.113%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

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-BG070615.M
Title : SVOA CALIBRATION

72	17.885	2583	2586	2590	rBV	113473	151842	4.32%	0.342%
73	17.932	2590	2594	2600	rVB2	270797	418479	11.92%	0.943%
74	18.079	2615	2619	2623	rBV	239330	382569	10.89%	0.862%
75	18.396	2669	2673	2676	rBV	114067	167326	4.76%	0.377%
76	18.431	2676	2679	2685	rVB3	107702	170505	4.86%	0.384%
77	18.813	2741	2744	2749	rVB2	108983	147896	4.21%	0.333%
78	18.948	2764	2767	2771	rBV	87671	128972	3.67%	0.291%
79	19.077	2784	2789	2795	rVB	1825887	2416691	68.82%	5.444%
80	19.213	2810	2812	2818	rVB5	58276	84105	2.39%	0.189%
81	19.412	2841	2846	2848	rBV	1135903	1540748	43.87%	3.471%
82	19.442	2848	2851	2860	rVB	1523958	2102000	59.85%	4.735%
83	19.624	2879	2882	2887	rVB	95465	118895	3.39%	0.268%
84	19.941	2933	2936	2940	rVB	198953	245127	6.98%	0.552%
85	20.041	2950	2953	2956	rVB	142134	165925	4.72%	0.374%
86	20.094	2960	2962	2967	rVB2	157484	203055	5.78%	0.457%
87	20.687	3060	3063	3069	rVB	139608	188111	5.36%	0.424%
88	20.899	3095	3099	3102	rBV2	160137	213683	6.08%	0.481%
89	20.946	3104	3107	3111	rVB	175957	227288	6.47%	0.512%
90	21.204	3145	3151	3155	rBV2	1978075	3511830	100.00%	7.911%
91	21.246	3155	3158	3167	rVB	841992	1057352	30.11%	2.382%
92	21.363	3175	3178	3183	rBV3	107635	174572	4.97%	0.393%
93	22.262	3327	3331	3339	rBV	420887	660252	18.80%	1.487%
94	22.767	3411	3417	3422	rBV	664999	1571749	44.76%	3.541%
95	23.243	3493	3498	3501	rBV2	356029	597488	17.01%	1.346%
96	23.290	3502	3506	3510	rVV2	546468	979059	27.88%	2.205%
97	23.337	3510	3514	3521	rVB	577187	1043004	29.70%	2.350%
98	23.437	3524	3531	3536	rBV2	1097799	2142315	61.00%	4.826%
99	24.465	3701	3706	3721	rVB9	268916	815759	23.23%	1.838%
100	25.676	3908	3912	3925	rVB2	280716	797789	22.72%	1.797%

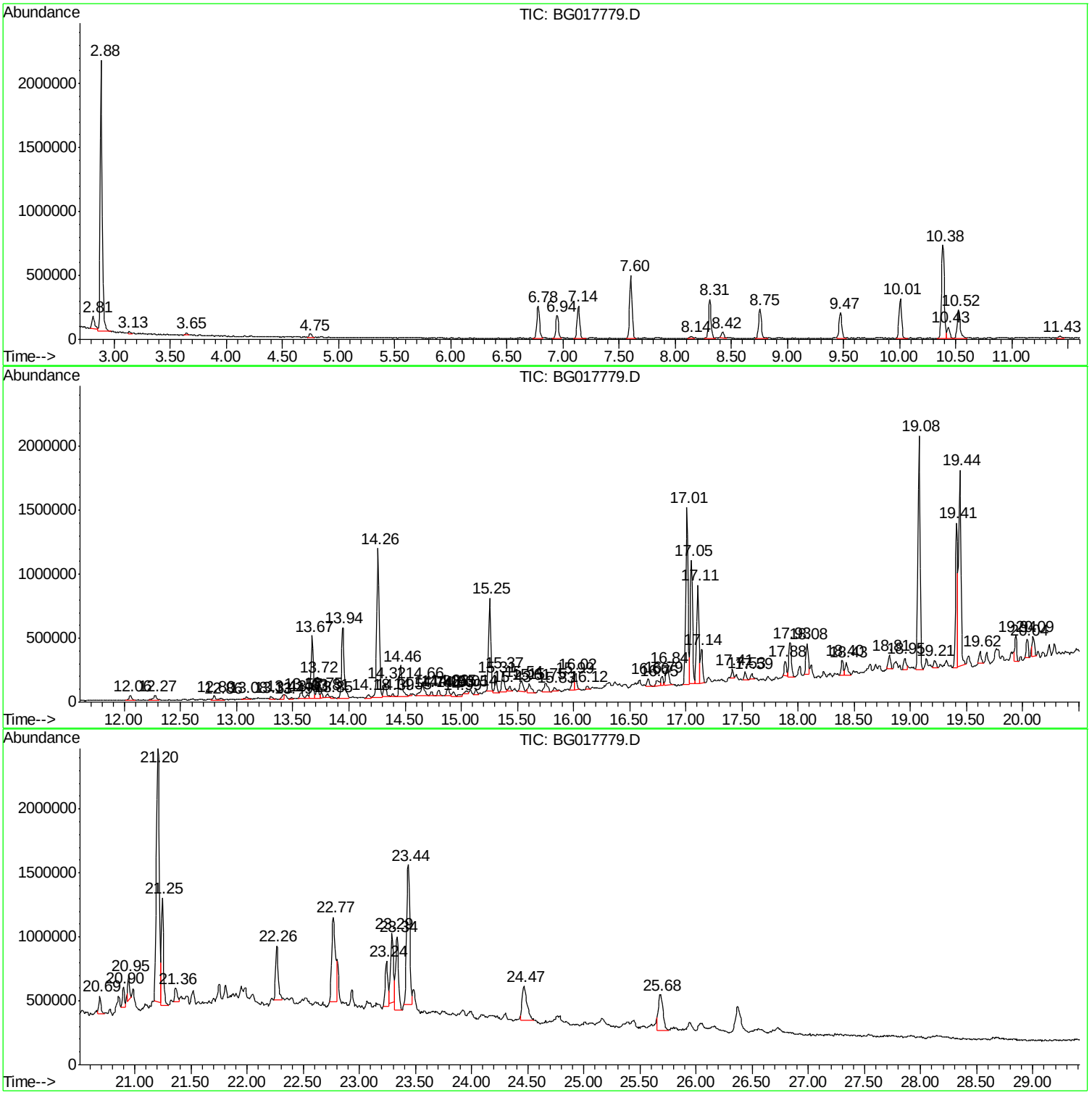
Sum of corrected areas: 44392094

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
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Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

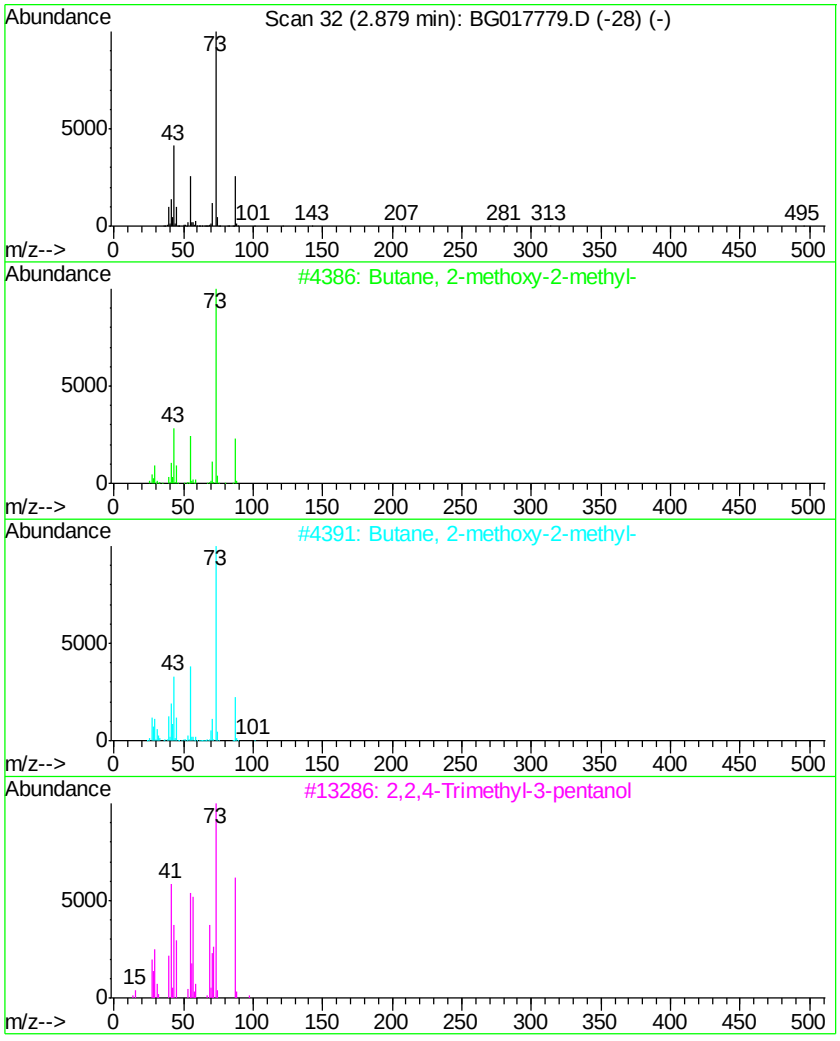
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

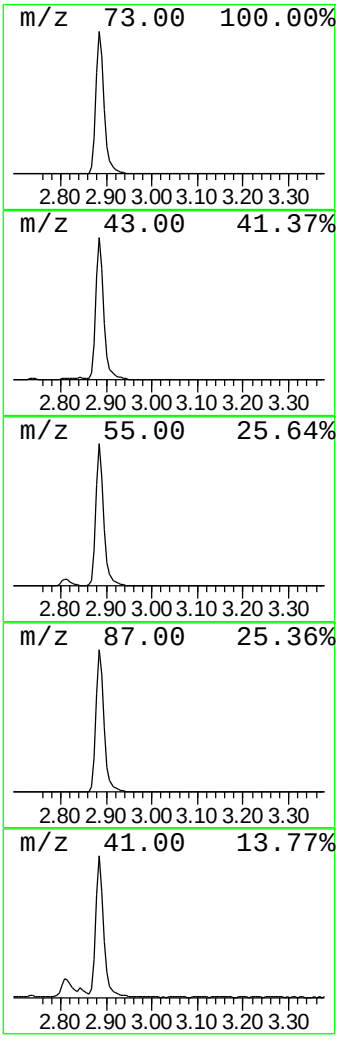
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	70.03 ng/ul	2713110	1,4-Dichlorobenzene-d4	7.60

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	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

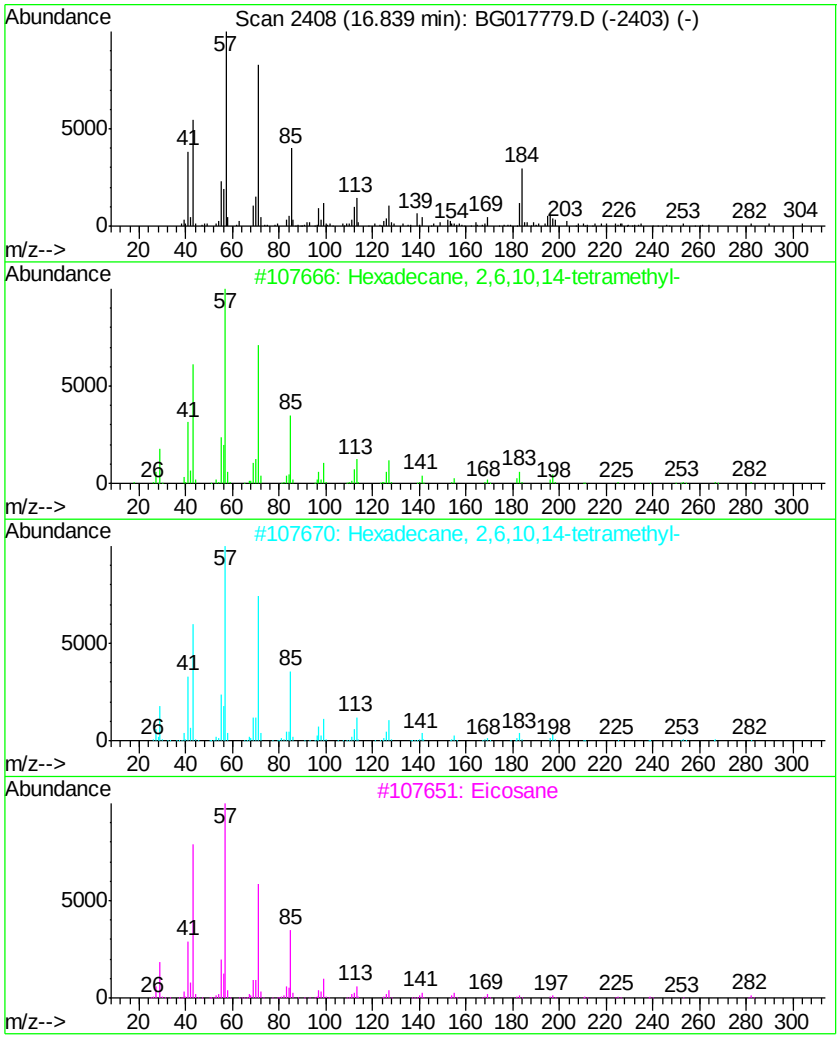
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

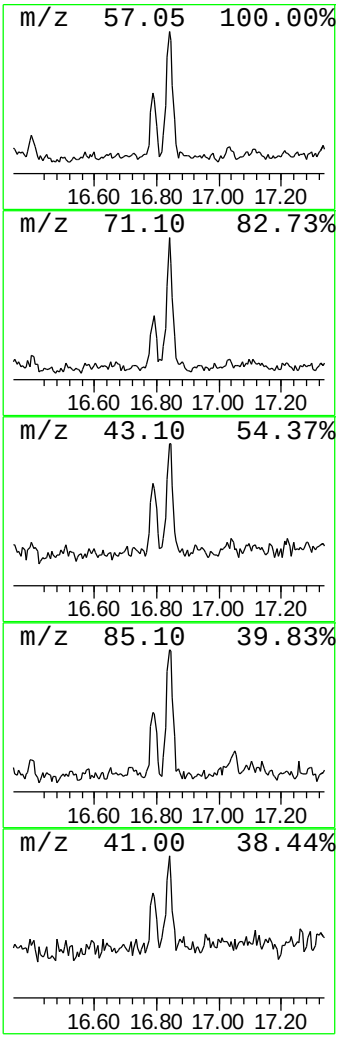
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.64 ng/ul	265795	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Eicosane	282	C20H42	000112-95-8	81
4	Nonacosane	408	C29H60	000630-03-5	72
5	Docosane	310	C22H46	000629-97-0	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

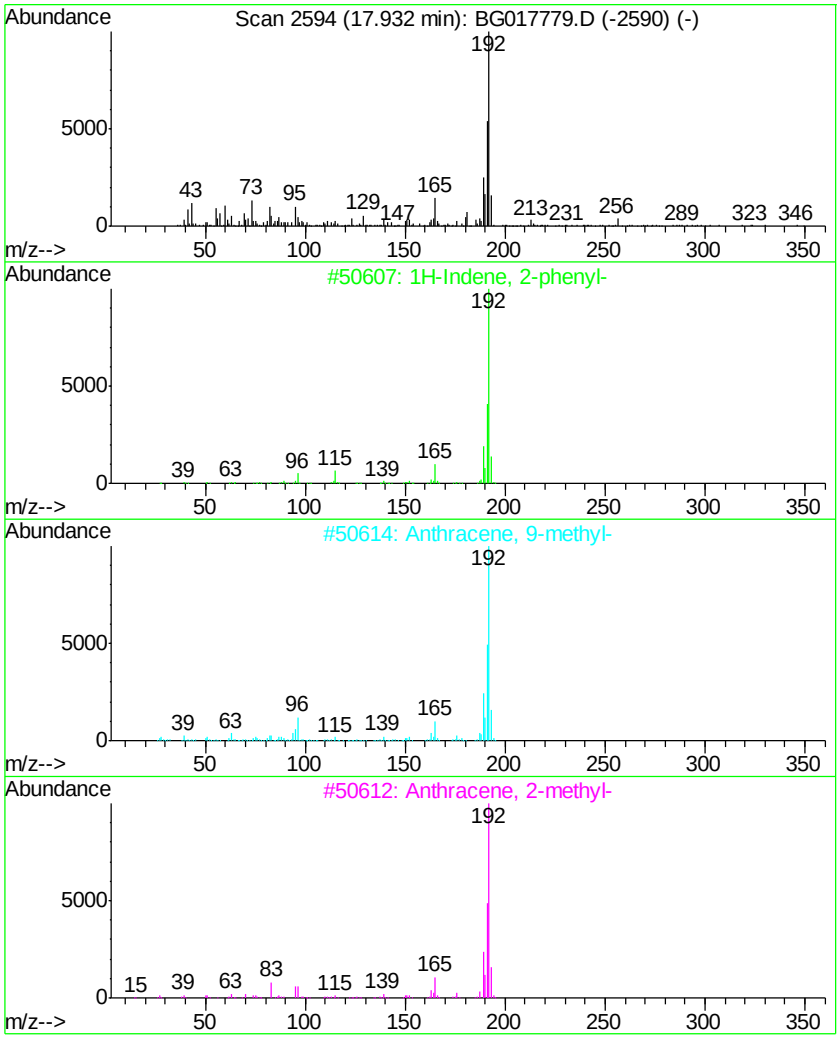
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

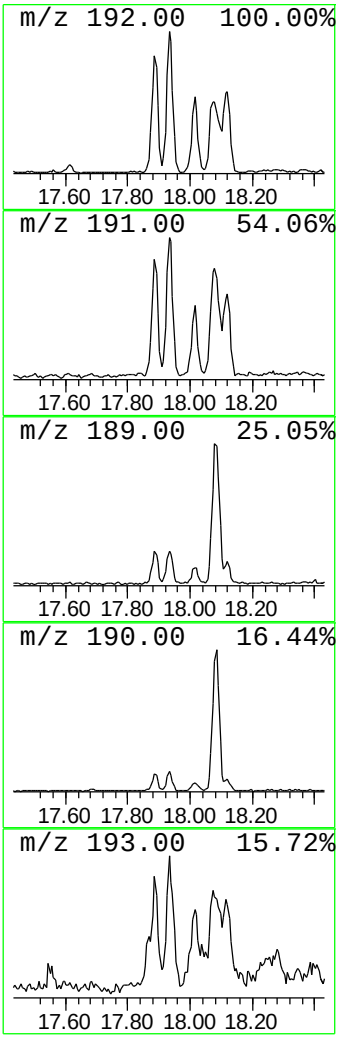
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.15 ng/ul	418479	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

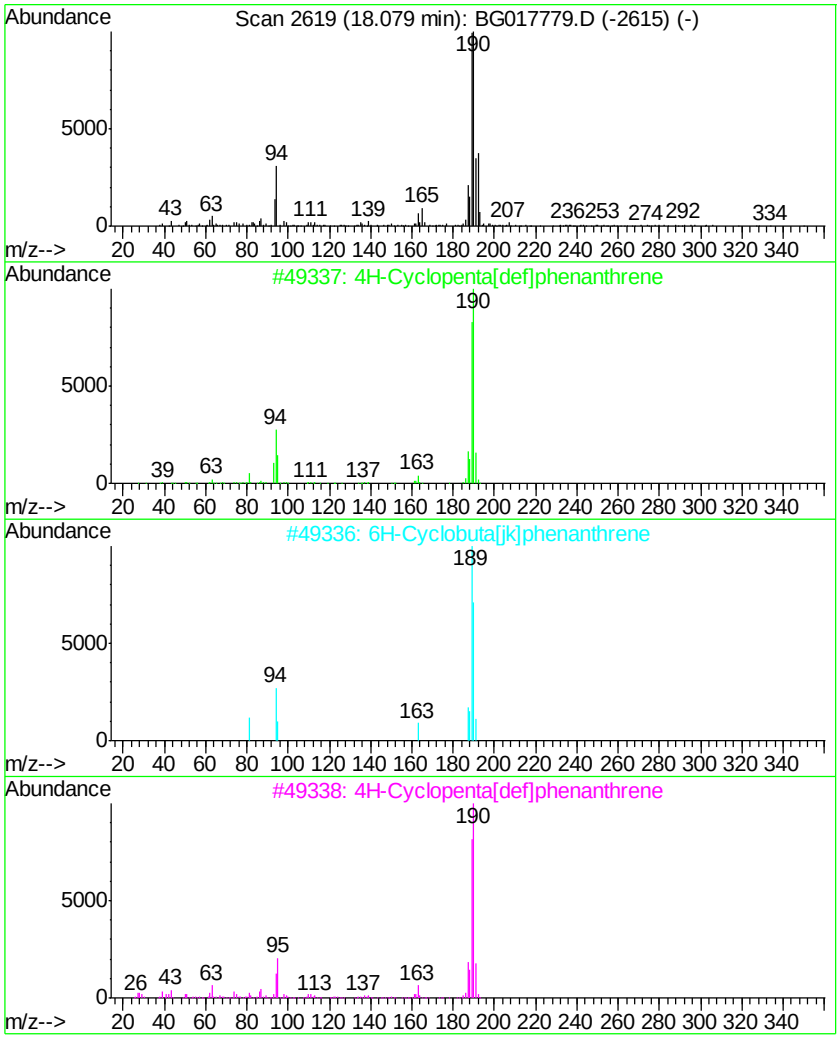
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

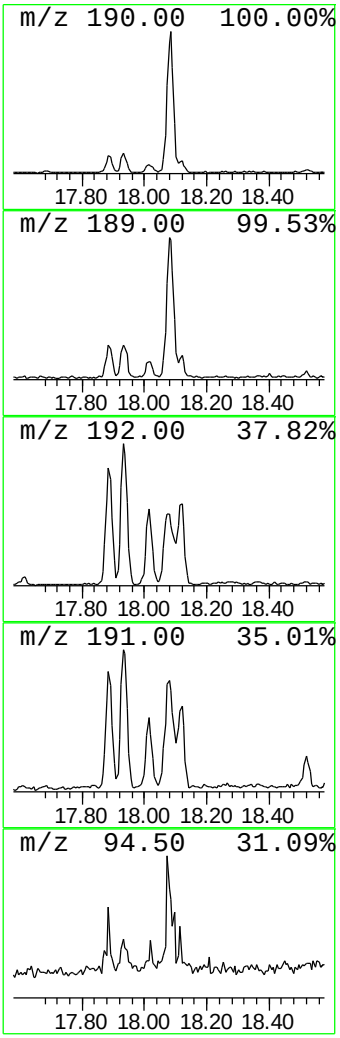
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.79 ng/ul	382569	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

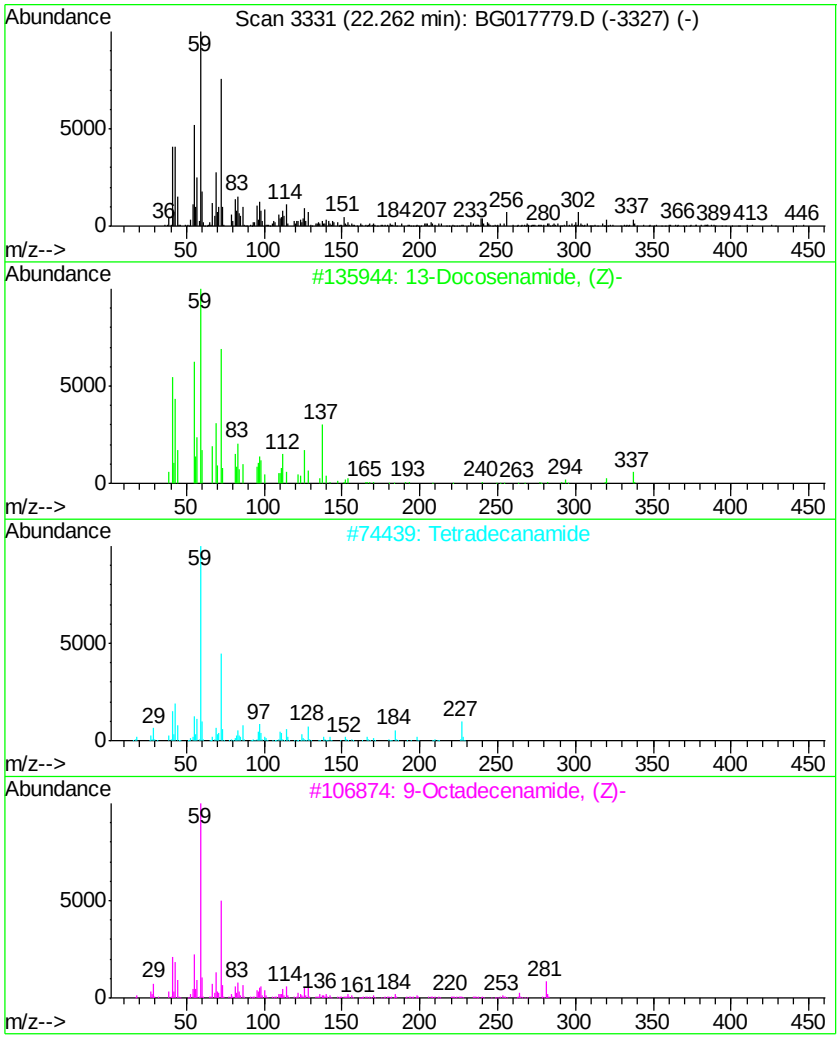
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

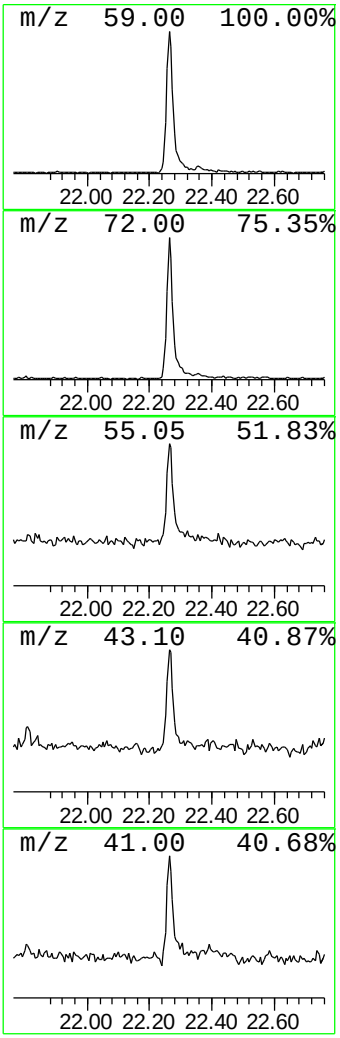
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.76 ng/ul	660252	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	56
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
4	Octadecanamide	283	C18H37NO	000124-26-5	47
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

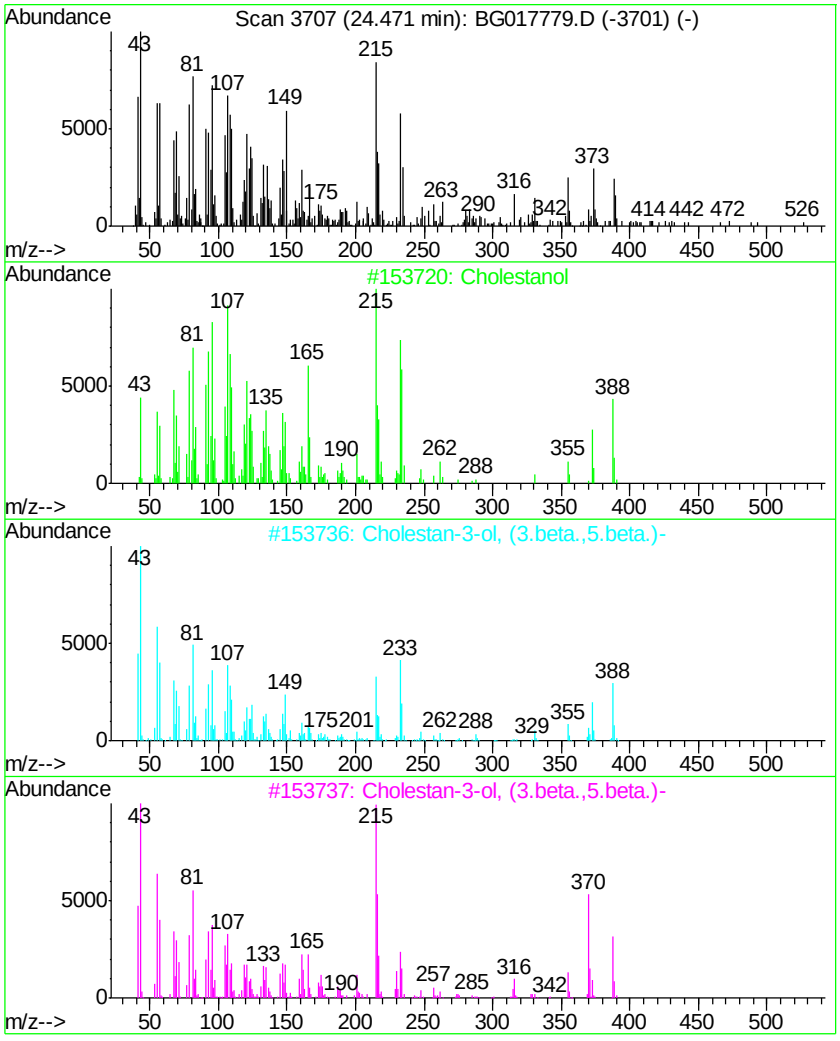
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

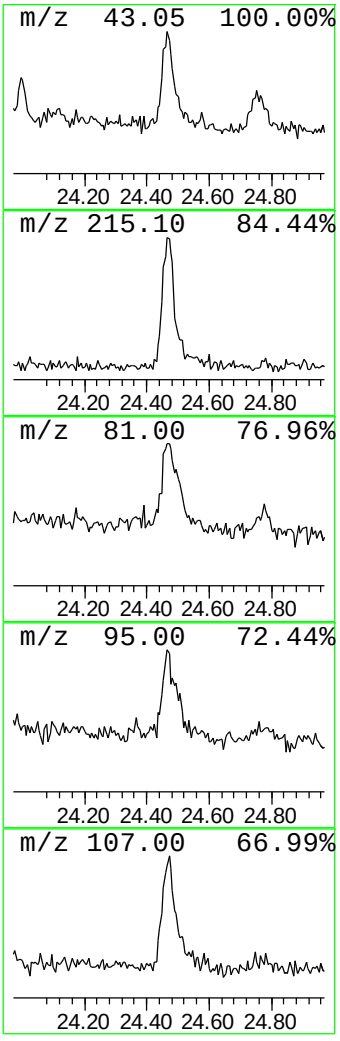
****

Peak Number 7 Cholestanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	7.62 ng/ul	815759	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	70
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	62
3	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	46
4	Cholestan-3-ol	388	C27H48O	027409-41-2	41
5	Cholestanol	388	C27H48O	000080-97-7	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017779.D
Acq On : 6 Jul 2015 21:19
Operator : TP/UM
Sample : G2860-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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...	2.88	70.0	ng/ul	2713110	1	7.60	774878	20.0
(DEL) Alkane: Str...	16.84	2.6	ng/ul	265795	4	17.01	2017120	20.0
1H-Indene, 2-phenyl-	17.93	4.2	ng/ul	418479	4	17.01	2017120	20.0
4H-Cyclopenta[def...	18.08	3.8	ng/ul	382569	4	17.01	2017120	20.0
13-Docosenamide, ...	22.26	3.8	ng/ul	660252	5	21.21	3511830	20.0
Cholestanol	24.47	7.6	ng/ul	815759	6	23.44	2142320	20.0