LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.428	54	58	67	rBV2	24827	39042	0.18%	0.031%
2	4.186	180	187	198	rVB	33262	57636	0.27%	0.046%
3	7.188	686	698	715	rBV	466694	895678	4.21%	0.711%
4	7.329	715	722	734	rBV	456649	772811	3.63%	0.613%
5	7.547	746	759	778	rVB	537979	956706	4.50%	0.759%
6	8.011	827	838	856	rVB	584062	1005323	4.72%	0.798%
7	8.728	943	960	967	rBV	671430	1226897	5.77%	0.974%
8	8.787	967	970	984	rVB2	46369	119403	0.56%	0.095%
9	9.168	1027	1035	1046	rBV	502591	897950	4.22%	0.713%
10	9.333	1057	1063	1078	rBV10	10049	34475	0.16%	0.027%
11	9.891	1150	1158	1174	rBV	432437	772660	3.63%	0.613%
12	10.438	1244	1251	1272	rBV	649540	1251694	5.88%	0.993%
13	10.808	1303	1314	1330	rVB	940281	1670214	7.85%	1.325%
14	10.943	1330	1337	1358	rBV	524926	1098423	5.16%	0.872%
15	12.024	1511	1521	1549	rBV	379891	814169	3.83%	0.646%
16	12.394	1577	1584	1594	rBV3	15775	34882	0.16%	0.028%
17	13.563	1777	1783	1788	rBV3	19514	43390	0.20%	0.034%
18	13.599	1788	1789	1801	rVB10	10777	24970	0.12%	0.020%
19	14.022	1854	1861	1865	rBV	1321144	1862126	8.75%	1.478%
20	14.069	1865	1869	1879	rVB	356488	516866	2.43%	0.410%
21	14.315	1901	1911	1920	rBV	1563806	2449398	11.51%	1.944%
22	14.509	1939	1944	1953	rVB4	24315	37618	0.18%	0.030%
23	14.621	1953	1963	1974	rBV2	1368818	2173548	10.22%	1.725%
24	14.838	1989	2000	2023	rBV	250714	695371	3.27%	0.552%
25	15.408	2090	2097	2101	rBV2	16125	28984	0.14%	0.023%
26	15.455	2102	2105	2111	rVB2	38684	51205	0.24%	0.041%
27	15.608	2124	2131	2140	rVB	2000151	2981735	14.01%	2.366%
28	15.726	2145	2151	2163	rBV	452481	713787	3.35%	0.566%
29	15.849	2164	2172	2179	rVB5	37150	79525	0.37%	0.063%
30	16.313	2245	2251	2261	rBV	993365	1224571	5.76%	0.972%
31	16.560	2286	2293	2301	rVB	9681	29518	0.14%	0.023%
32	16.683	2305	2314	2317	rBV10	15307	51534	0.24%	0.041%
33	16.807	2331	2335	2338	rBV3	15607	25357	0.12%	0.020%
34	16.836	2338	2340	2345	rVV3	17798	27461	0.13%	0.022%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

35	17.100	2380	2385	2389	rVV2	37013	46327	0.22%	0.037%
36	17.153	2389	2394	2402	rVB8	22509	45145	0.21%	0.036%
37	17.353	2418	2428	2437	rVV2	1548916	2282659	10.73%	1.812%
38	17.453	2437	2445	2453	rVV2	1968150	2977559	13.99%	2.363%
39	17.518	2453	2456	2461	rVB7	19423	33180	0.16%	0.026%
40	17.841	2506	2511	2521	rVB	50824	72870	0.34%	0.058%
41	18.170	2563	2567	2573	rBV9	16917	30149	0.14%	0.024%
42	18.234	2573	2578	2586	rBV	167508	284359	1.34%	0.226%
43	18.305	2587	2590	2594	rVV5	21617	33167	0.16%	0.026%
44	18.358	2594	2599	2604	rVV2	181430	283818	1.33%	0.225%
45	18.428	2608	2611	2615	rVB5	26228	34525	0.16%	0.027%
46	18.552	2623	2632	2639	rBV5	87204	188979	0.89%	0.150%
47	18.634	2639	2646	2653	rVV2	637193	980187	4.61%	0.778%
48	18.698	2653	2657	2660	rVV5	30189	34547	0.16%	0.027%
49	18.822	2672	2678	2686	rBV	6530855	8903141	41.84%	7.066%
50	18.892	2686	2690	2693	rBV5	45422	71235	0.33%	0.057%
51	18.957	2697	2701	2708	rVB	218827	280508	1.32%	0.223%
52	19.080	2716	2722	2731	rBV3	98068	247475	1.16%	0.196%
53	19.151	2731	2734	2740	rVV4	63101	110774	0.52%	0.088%
54	19.198	2740	2742	2745	rVB3	22717	24769	0.12%	0.020%
55	19.374	2767	2772	2779	rBV3	33171	67657	0.32%	0.054%
56	19.451	2779	2785	2790	rVB	234023	307253	1.44%	0.244%
57	19.503	2790	2794	2796	rBV2	113370	151487	0.71%	0.120%
58	19.539	2796	2800	2805	rVB	900406	1160302	5.45%	0.921%
59	19.627	2811	2815	2820	rBV2	31227	47261	0.22%	0.038%
60	19.733	2824	2833	2845	rVB	2250885	3114118	14.64%	2.471%
61	19.838	2847	2851	2859	rBV2	124232	192055	0.90%	0.152%
62	19.915	2859	2864	2869	rVV	448702	588192	2.76%	0.467%
63	19.973	2870	2874	2880	rVV2	110657	158023	0.74%	0.125%
64	20.103	2889	2896	2900	rBV9	35800	63393	0.30%	0.050%
65	20.179	2900	2909	2915	rBV	14771620	21277491	100.00%	16.886%
66	20.250	2915	2921	2928	rVB2	192627	326489	1.53%	0.259%
67	20.320	2928	2933	2940	rBV7	82235	221435	1.04%	0.176%
68	20.385	2941	2944	2955	rVB10	83430	174568	0.82%	0.139%
69	20.514	2962	2966	2970	rBV6	36121	62894	0.30%	0.050%
70	20.573	2971	2976	2987	rVV2	375615	600194	2.82%	0.476%
71	20.708	2996	2999	3002	rVB2	51155	56845	0.27%	0.045%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

72	20.925	3032	3036	3040	rVB6	49594	70809	0.33%	0.056%
73	21.231	3081	3088	3093	rBV6	80504	207766	0.98%	0.165%
74	21.307	3093	3101	3113	rBV5	1137548	5569910	26.18%	4.420%
75	21.613	3144	3153	3169	rBV2	4171188	9466692	44.49%	7.513%
76	21.742	3169	3175	3186	rVB	2168390	3136462	14.74%	2.489%
77	22.459	3289	3297	3312	rBV4	1489614	8116654	38.15%	6.441%
78	22.882	3358	3369	3385	rBV	4908473	13120578	61.66%	10.413%
79	23.005	3385	3390	3405	rVB	1592563	3233999	15.20%	2.567%
80	23.828	3526	3530	3544	rVB5	71505	177471	0.83%	0.141%
81	24.092	3568	3575	3596	rBV5	126813	464036	2.18%	0.368%
82	24.539	3641	3651	3673	rBV2	1317859	3904986	18.35%	3.099%
83	24.756	3679	3688	3700	rVB2	945895	2650076	12.45%	2.103%
84	25.538	3815	3821	3831	rVB2	39289	125576	0.59%	0.100%
85	25.843	3867	3873	3884	rVB6	80752	242518	1.14%	0.192%
86	26.196	3926	3933	3941	rBV5	72736	202861	0.95%	0.161%
87	27.159	4091	4097	4109	rVB3	73607	240825	1.13%	0.191%
88	27.864	4212	4217	4220	rBV6	38106	78396	0.37%	0.062%
89	28.105	4249	4258	4279	rVB7	107802	594705	2.79%	0.472%
90	28.763	4359	4370	4383	rBV8	61088	300196	1.41%	0.238%
91	29.415	4471	4481	4498	rVB3	227657	981379	4.61%	0.779%
92	30.173	4579	4610	4611	rBV3	221818	1444747	6.79%	1.147%
93	30.978	4737	4747	4769	rVB3	111722	594246	2.79%	0.472%
94	31.830	4879	4892	4908	rVB8	115504	553823	2.60%	0.440%
95	32.218	4950	4958	4984	rVB8	60820	328252	1.54%	0.261%

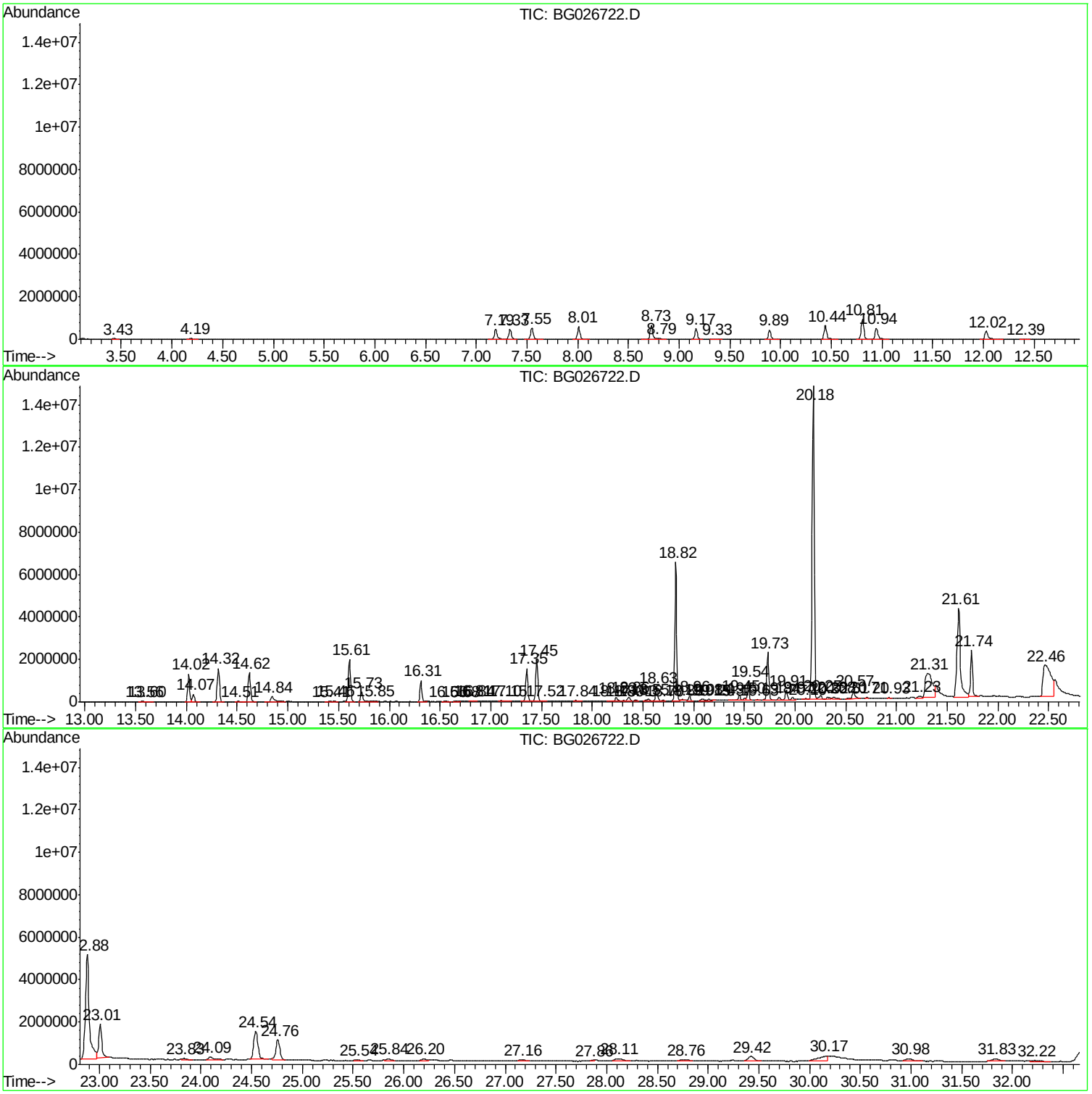
Sum of corrected areas: 126006920

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

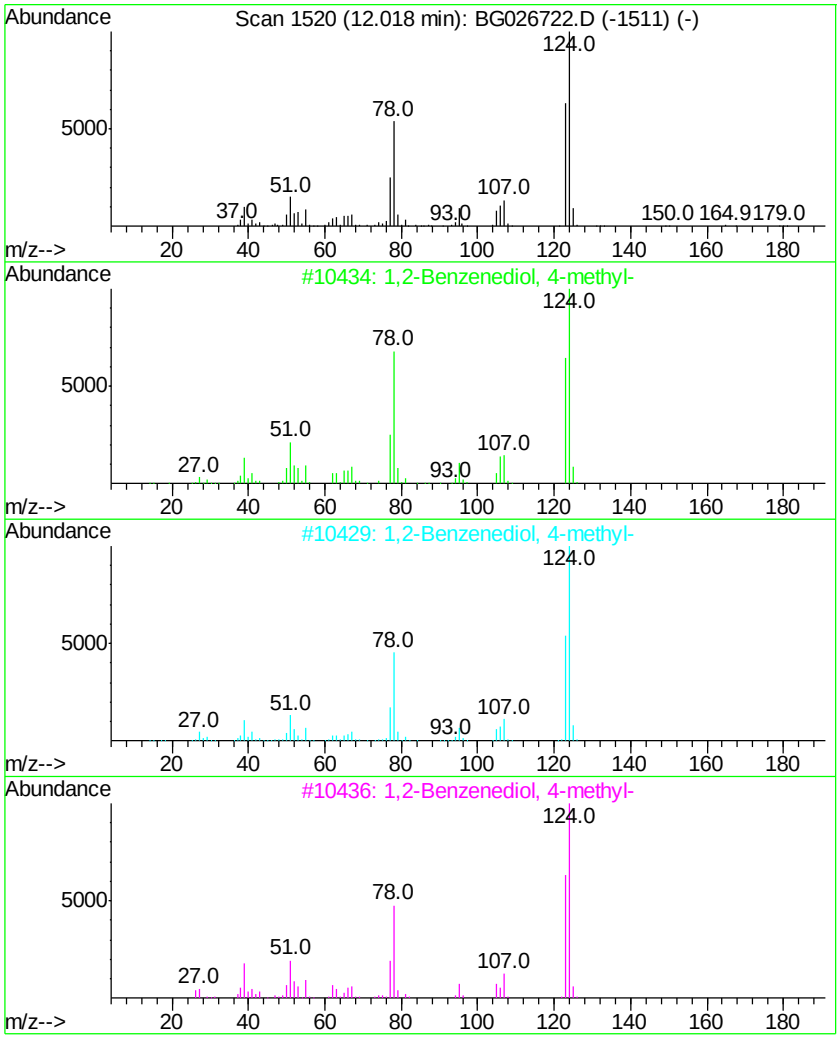
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

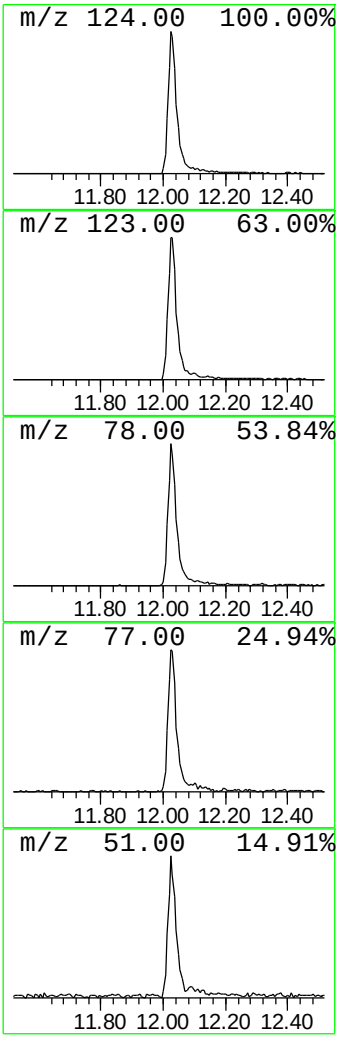
****

Peak Number 1 1,2-Benzenediol, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.75 ng/ul	814169	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	96
2	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	96
3	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	94
4	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	93
5	1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

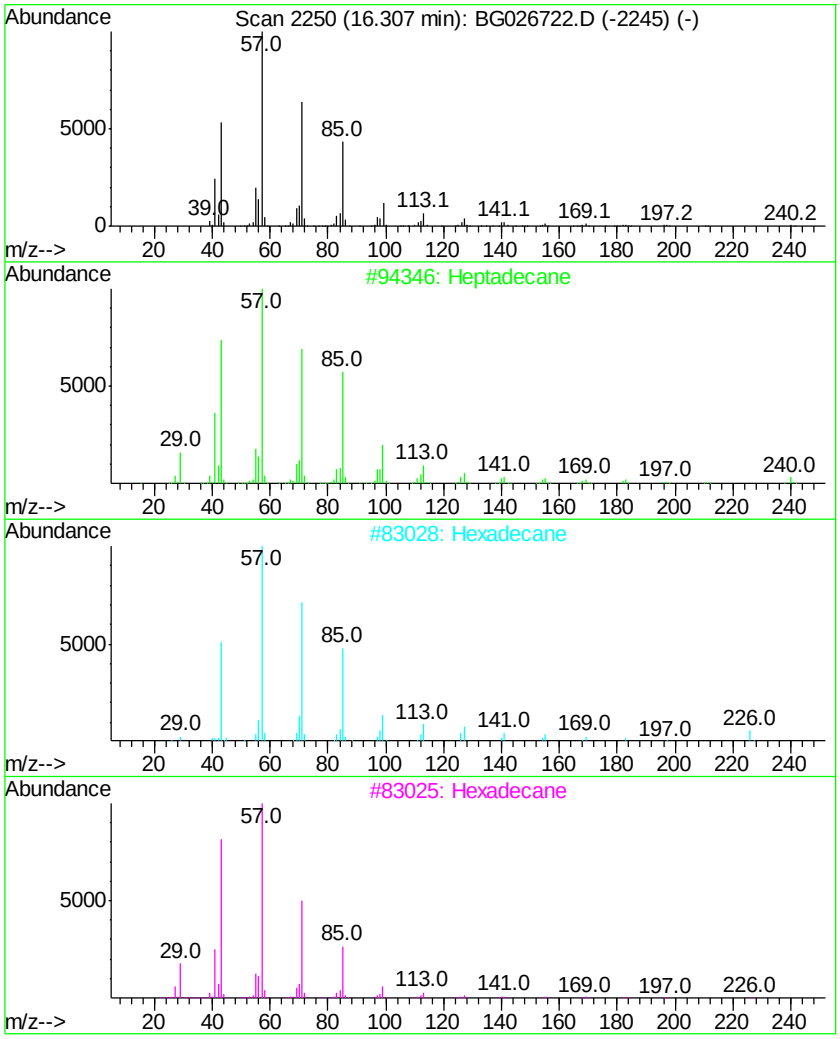
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

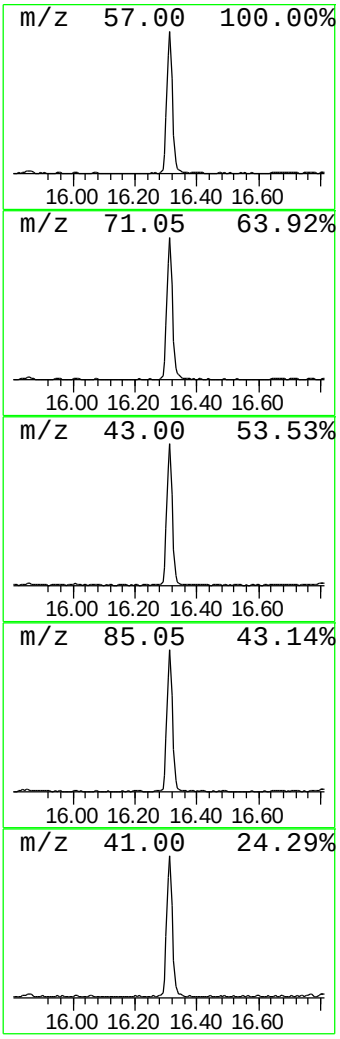
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	10.73 ng/ul	1224570	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

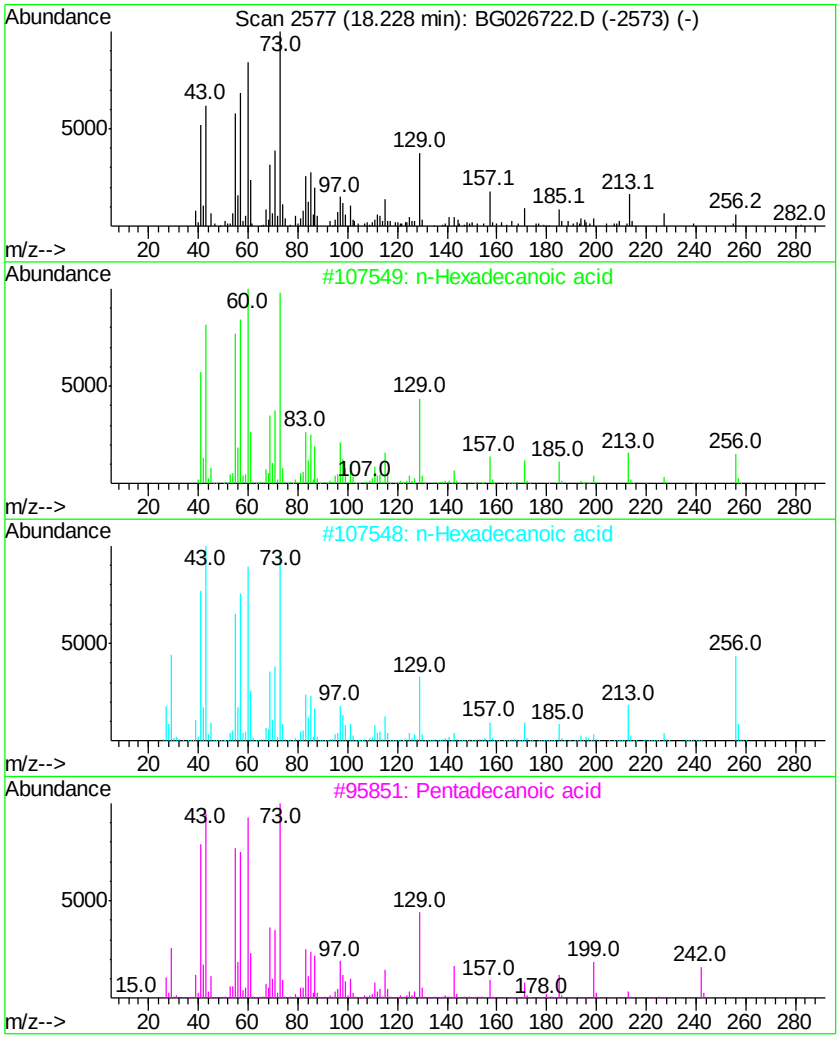
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

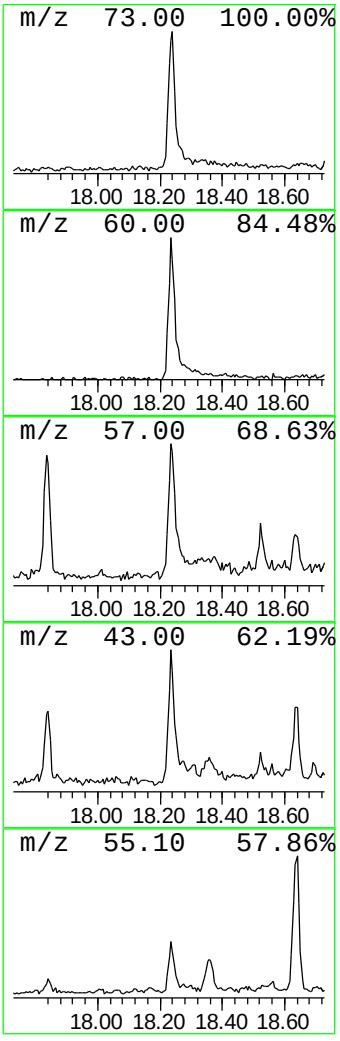
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.49 ng/ul	284359	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

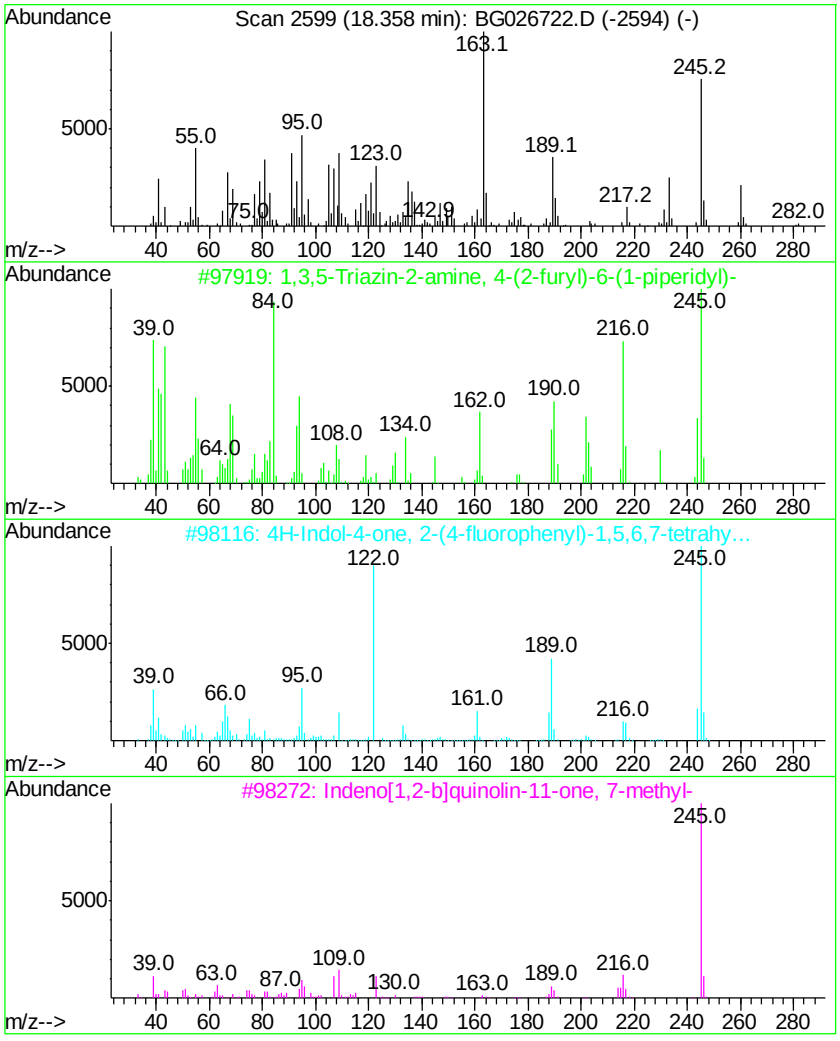
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

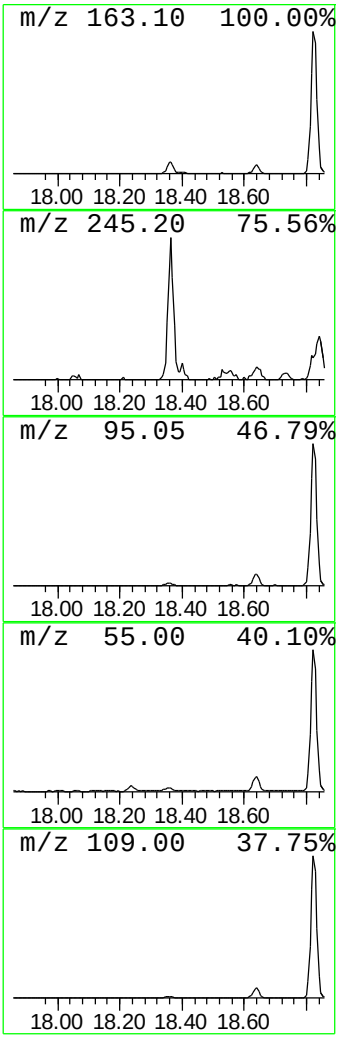
****

Peak Number 4 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.49 ng/ul	283818	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2-amine, 4-(2-furyl...	245	C12H15N5O	148403-53-6	35
2	4H-Indol-4-one, 2-(4-fluorophenyl...	245	C14H12FNO2	1000337-74-5	25
3	Indeno[1,2-b]quinolin-11-one, 7-...	245	C17H11NO	1000302-10-9	22
4	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	22
5	Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	20





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

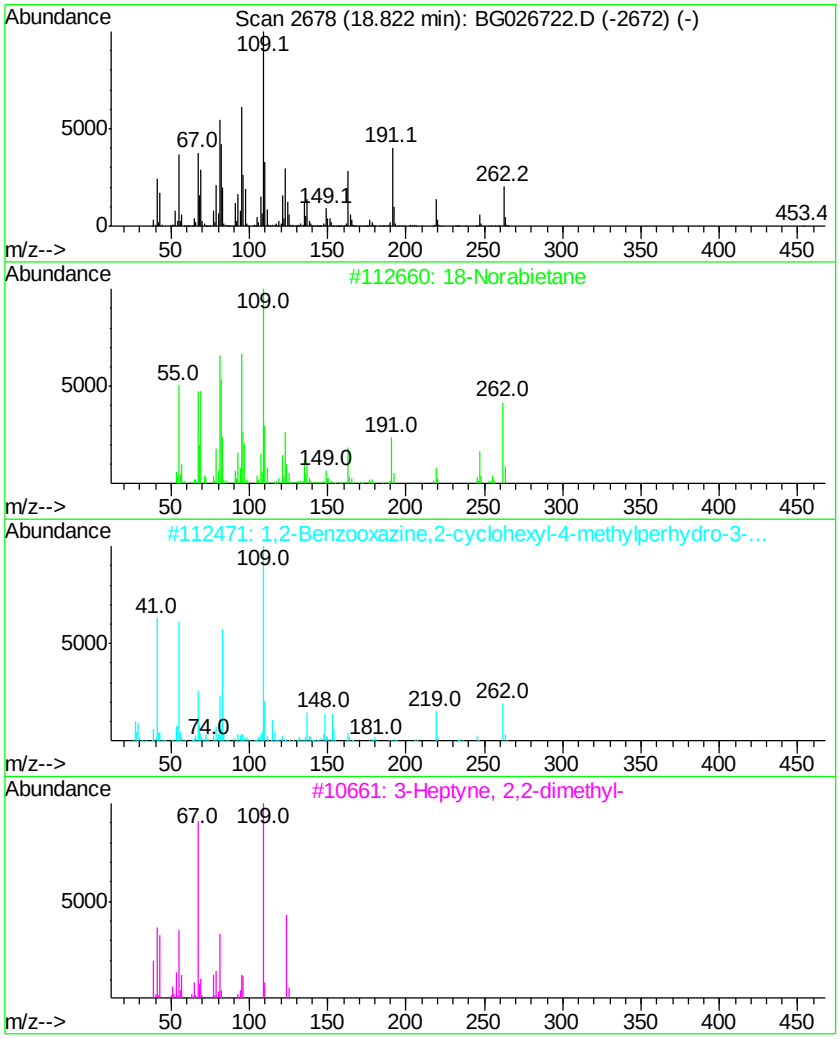
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

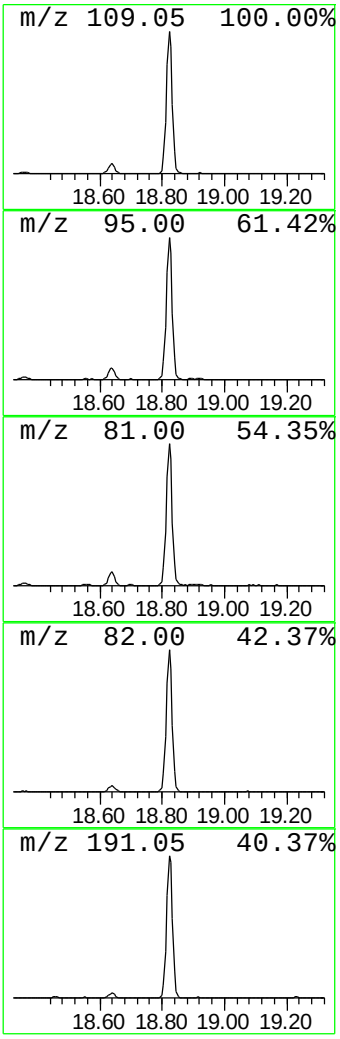
****

Peak Number 6 18-Norabietane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	78.01 ng/ul	8903140	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	95
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
3	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	25
4	1,2-Benzenediol, O-(ethoxycarbon...	264	C13H12O6	1000329-71-6	25
5	7-Heptadecyne, 17-chloro-	270	C17H31Cl	056554-75-7	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

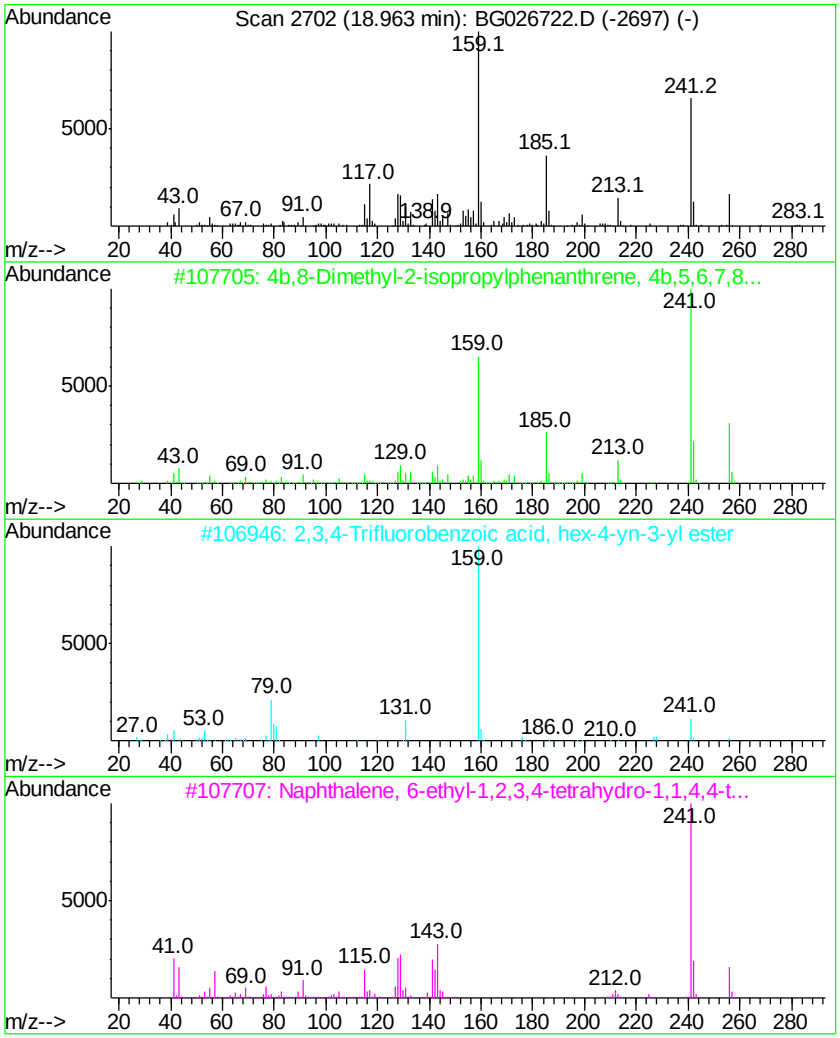
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

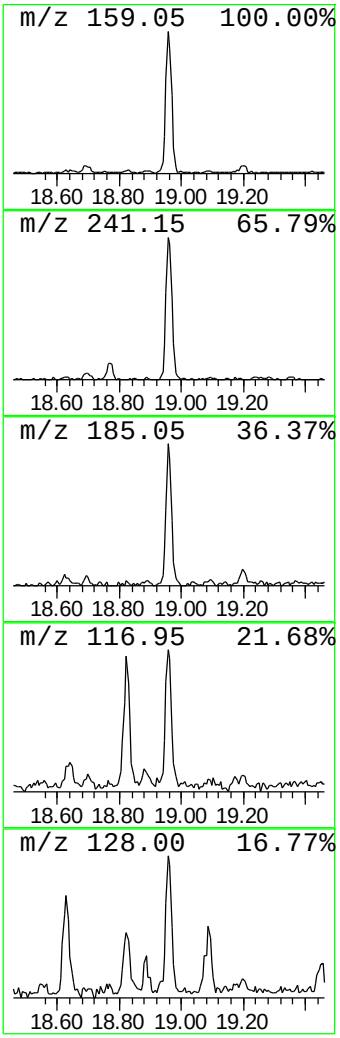
****

Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.46 ng/ul	280508	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	55
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	47
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4	trans-calamenene	202	C15H22	1000374-17-3	27
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

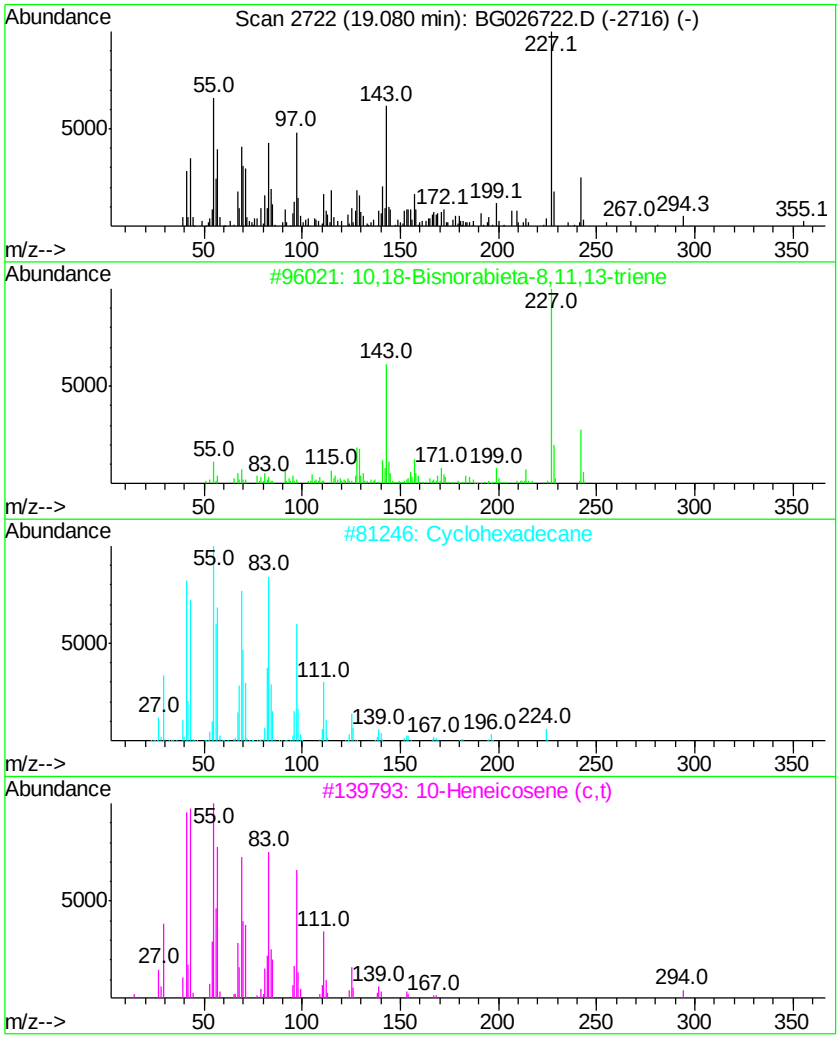
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

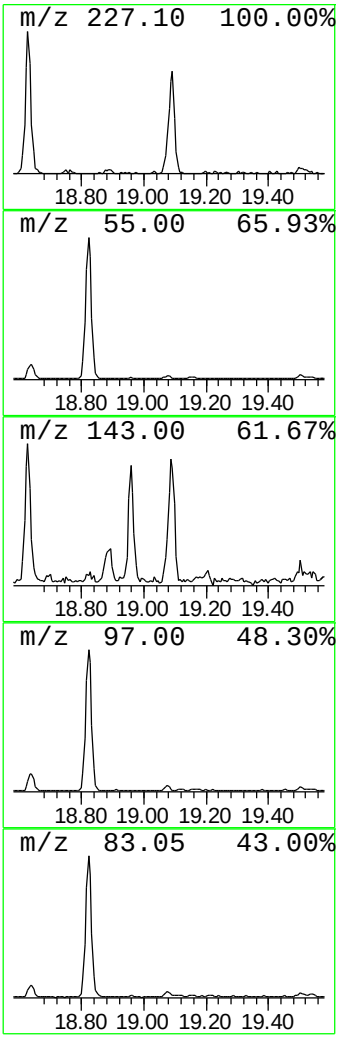
****

Peak Number 8 10,18-Bisnorabieta-8,11,13-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.17 ng/ul	247475	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	55
2	Cyclohexadecane	224	C16H32	000295-65-8	47
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	47
4	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	42
5	Propanamide, N-(1-naphthyl)-2,2-...	227	C15H17NO	1000307-20-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

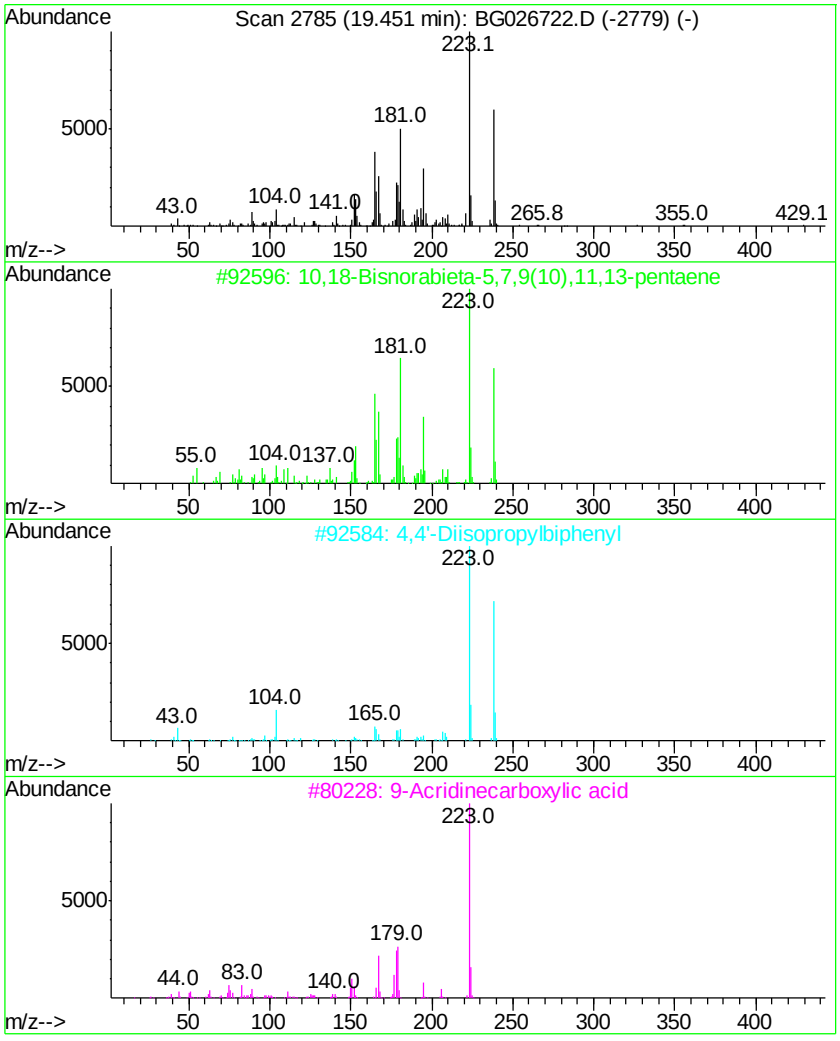
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

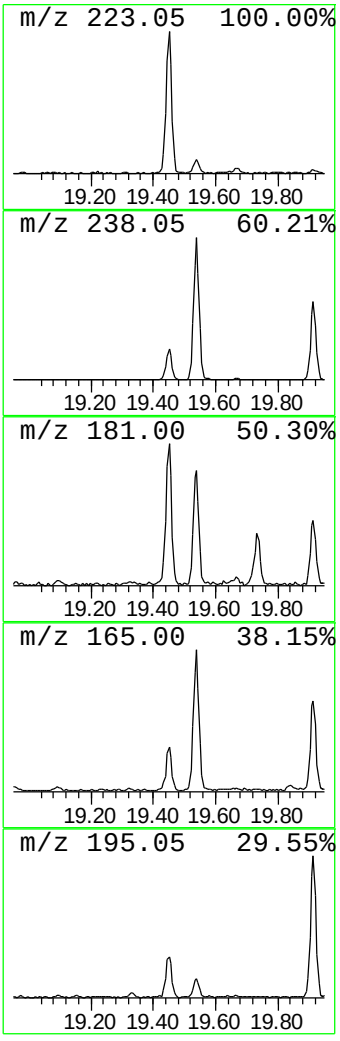
****

Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.69 ng/ul	307253	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	50
4	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	50
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

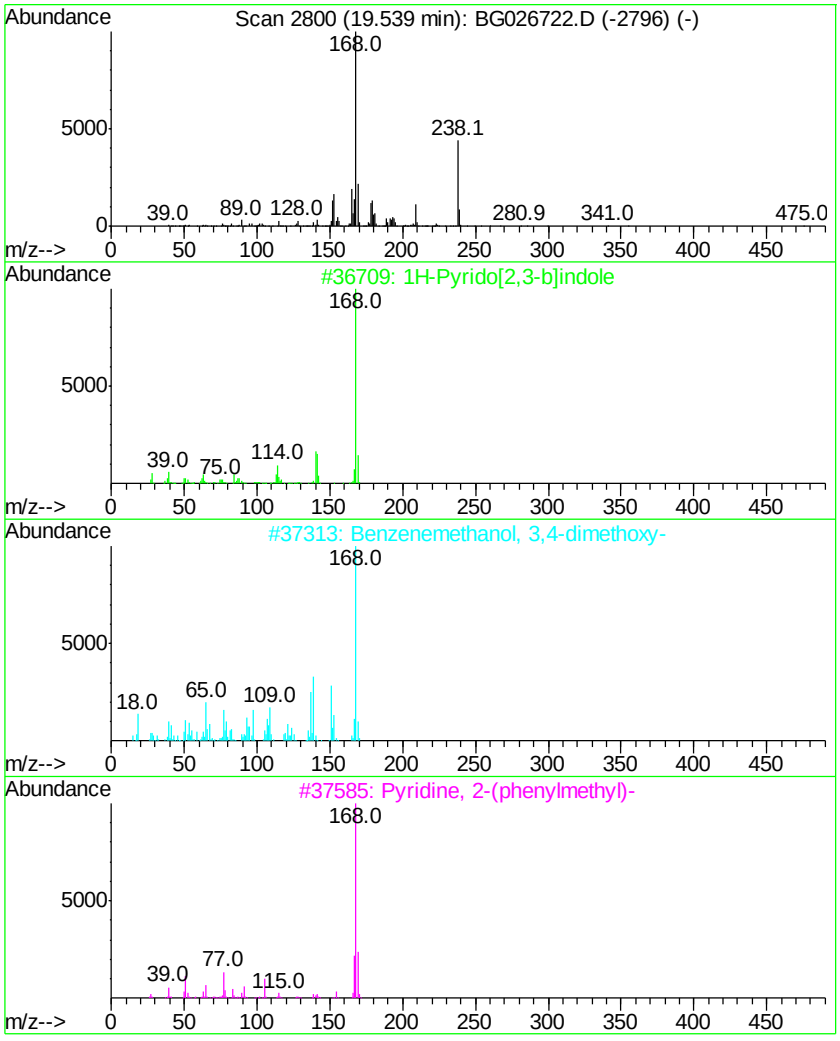
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

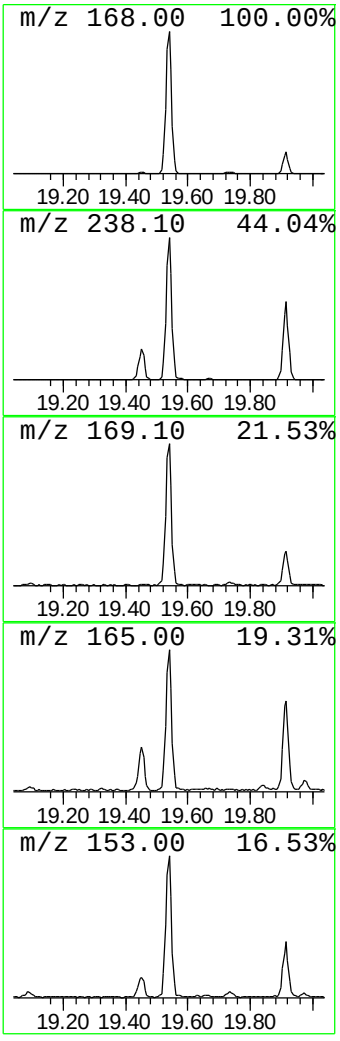
****

Peak Number 10 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.45 ng/ul	1160300	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	43
2	Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	38
3	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

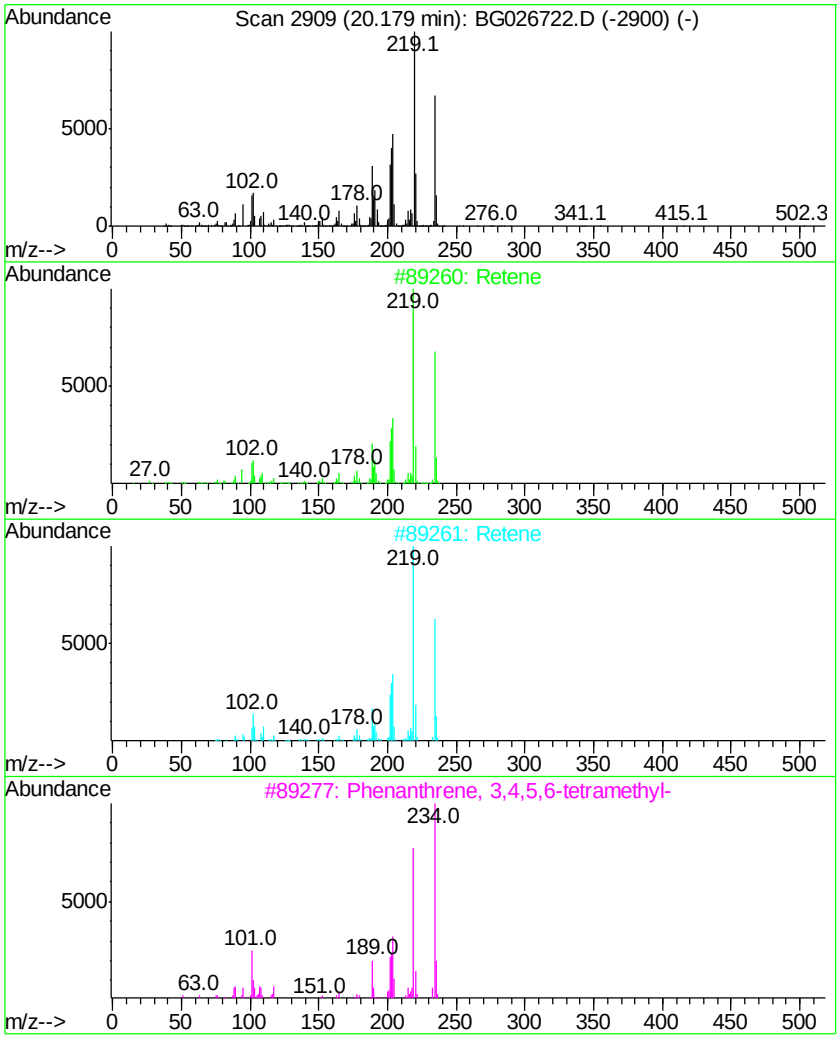
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

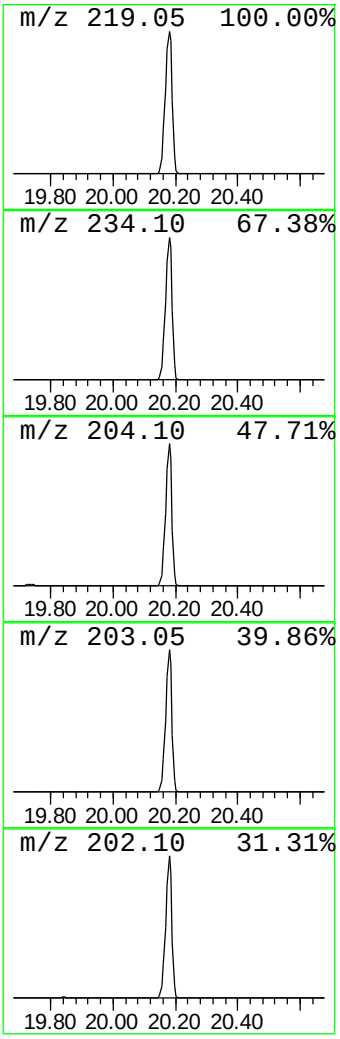
****

Peak Number 11 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	44.95 ng/ul	21277500	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	98
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	93
4	Retene	234	C18H18	000483-65-8	90
5	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

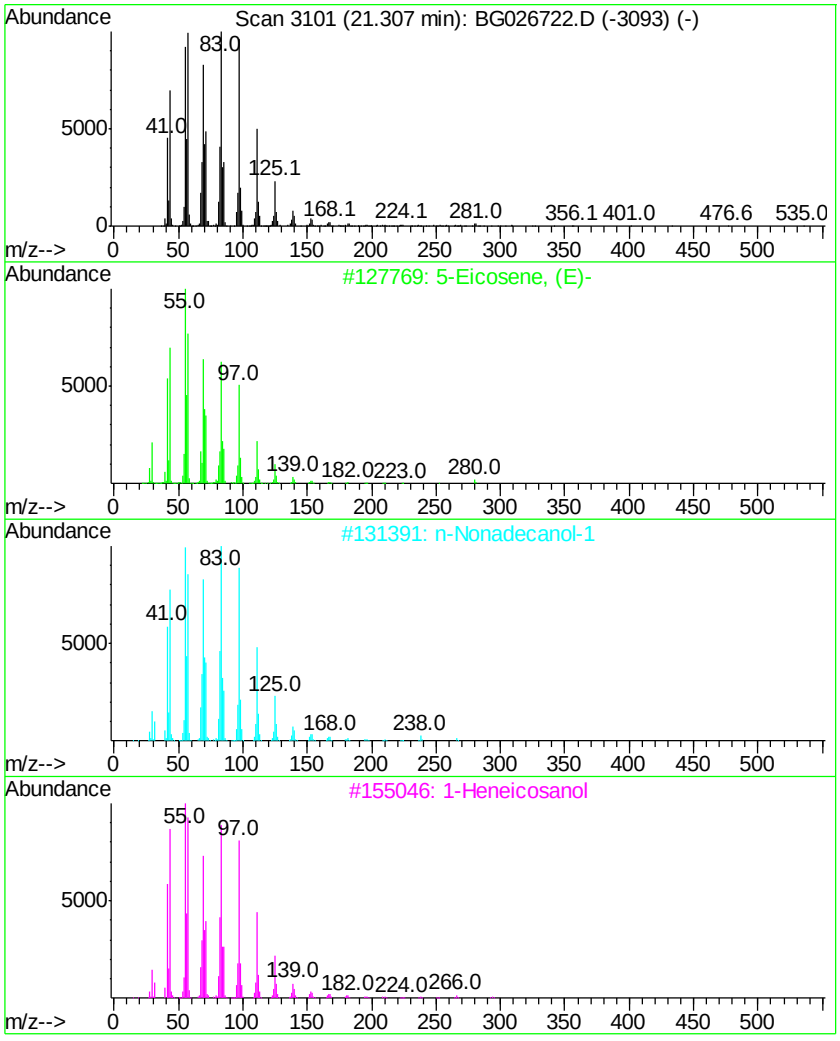
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

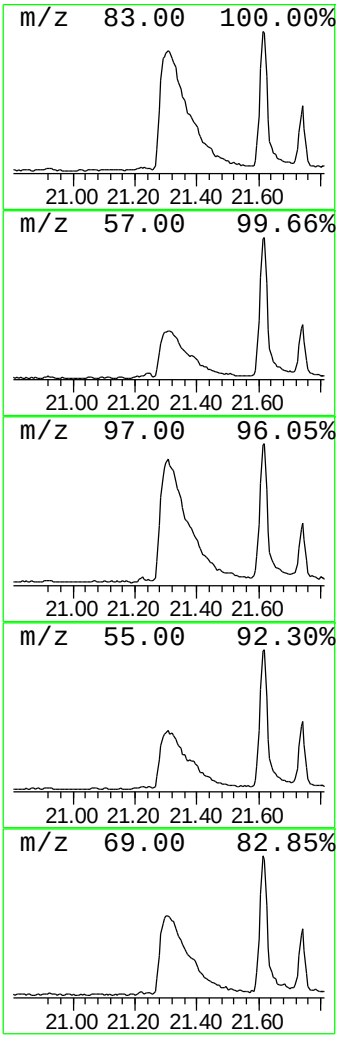
****

Peak Number 12 (DEL) Alkane: Cyclic21.31 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	11.77 ng/ul	5569910	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

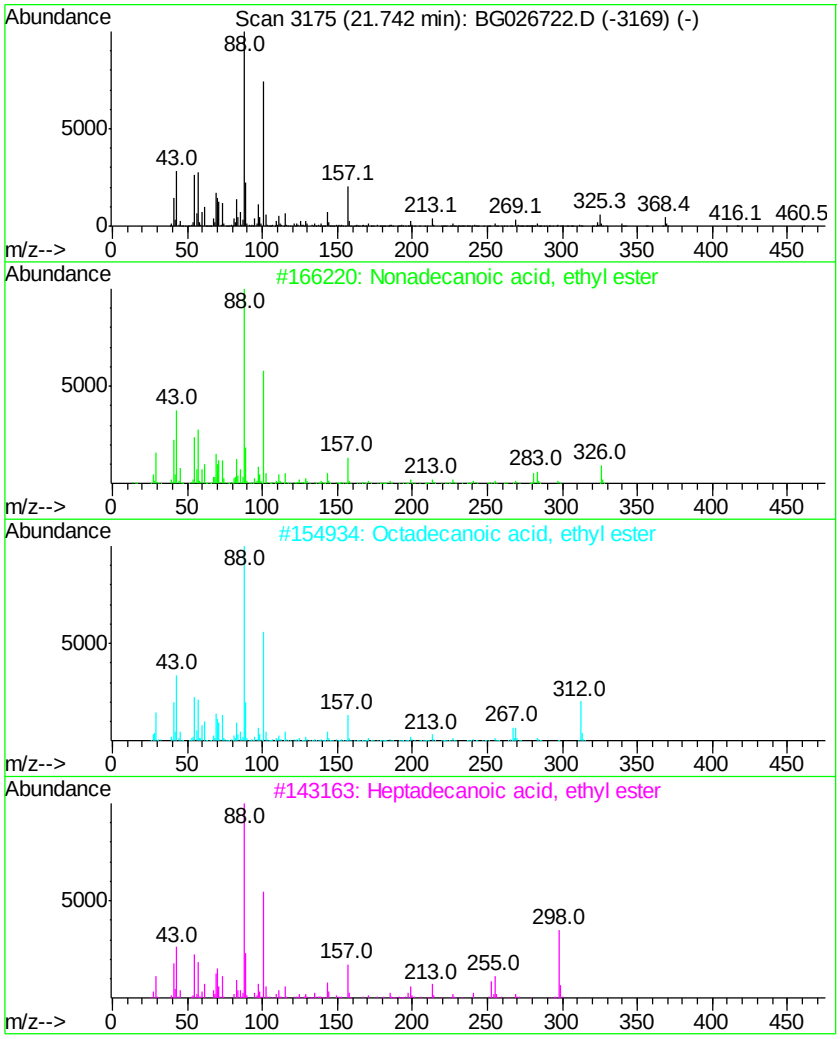
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

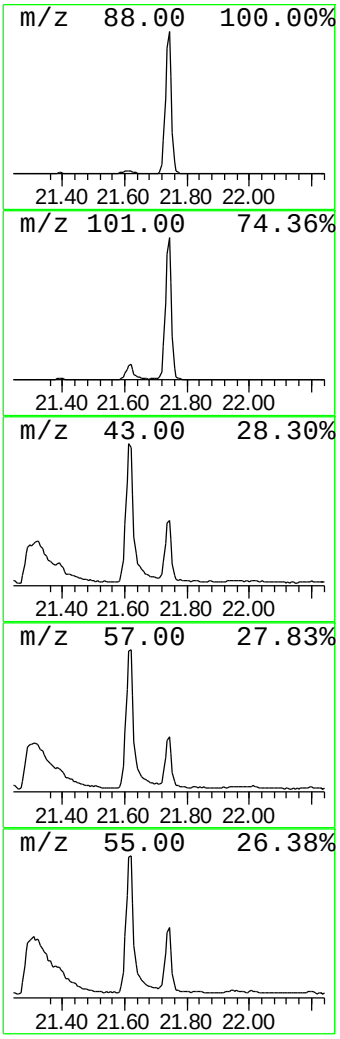
****

Peak Number 13 Nonadecanoic acid, ethyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	6.63 ng/ul	3136460	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	87
2	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	87
3	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	78
4	Octadecanoic acid, 17-methyl-, m...	312	C20H40O2	055124-97-5	72
5	Docosanoic acid, ethyl ester	368	C24H48O2	005908-87-2	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

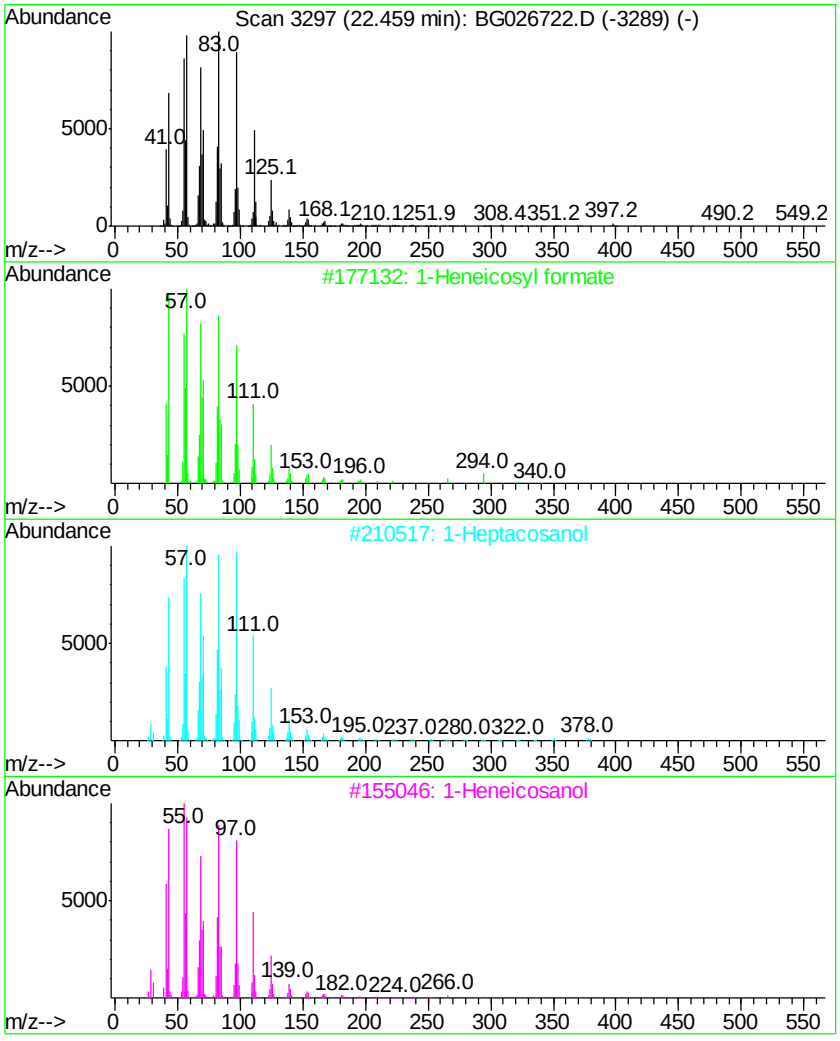
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

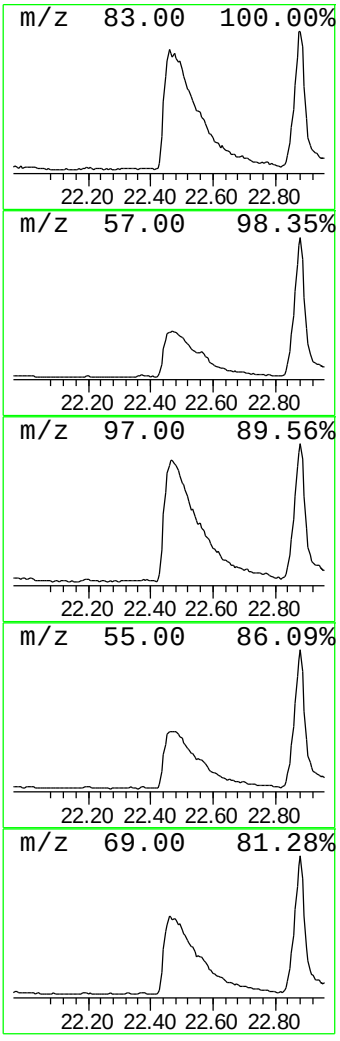
****

Peak Number 14 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	17.15 ng/ul	8116650	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

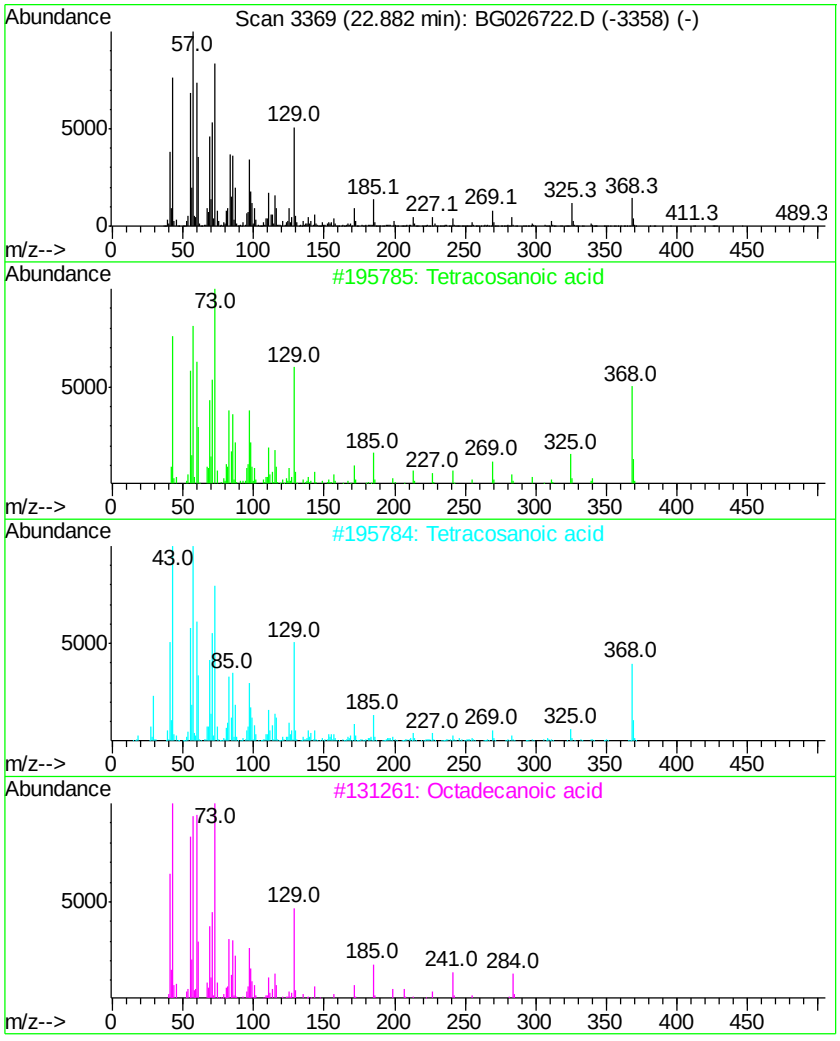
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

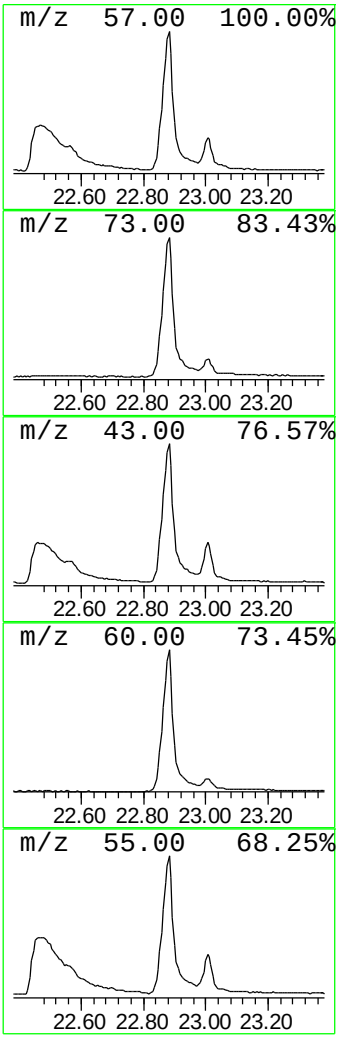
****

Peak Number 15 Tetracosanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	27.72 ng/ul	13120600	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2	Tetracosanoic acid	368	C24H48O2	000557-59-5	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

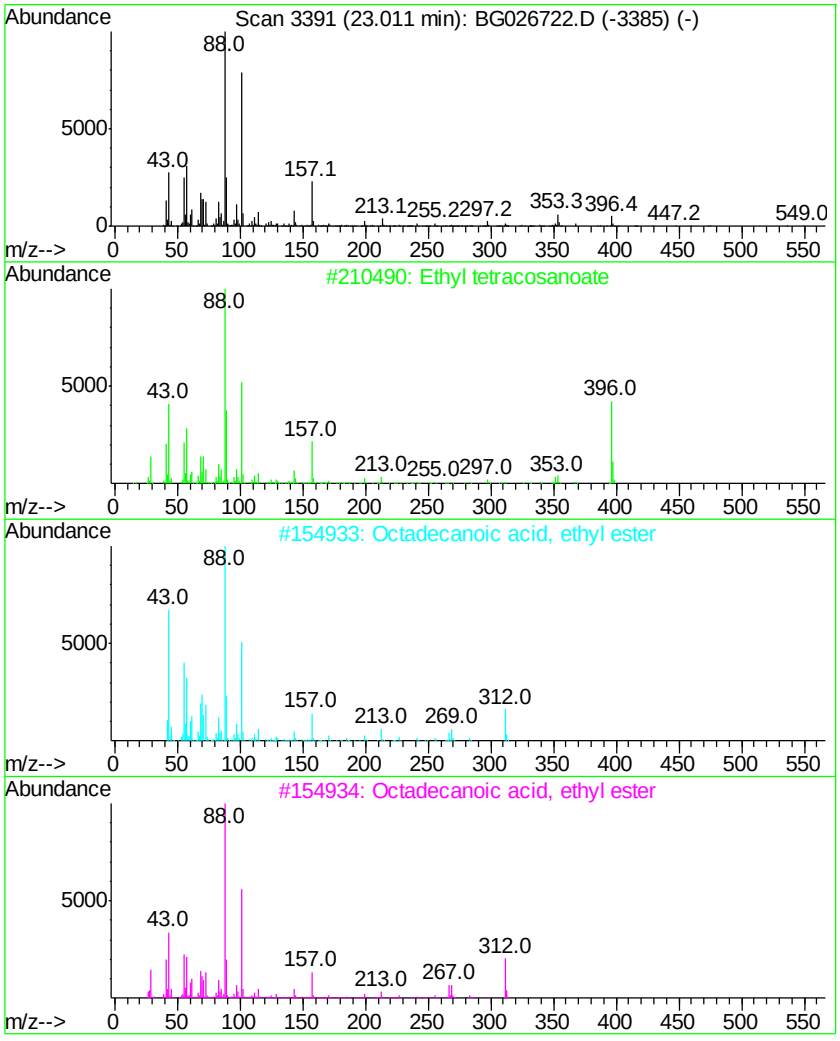
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

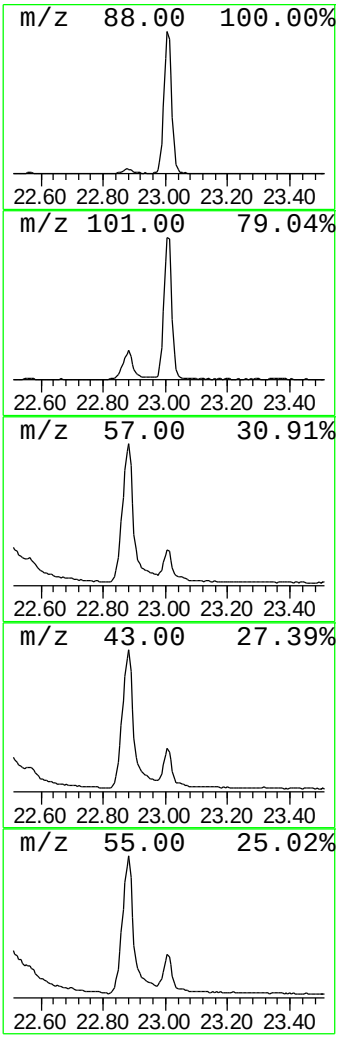
****

Peak Number 16 Ethyl tetracosanoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	6.83 ng/ul	3234000	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl tetracosanoate	396	C26H52O2	024634-95-5	87
2	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	86
3	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	86
4	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	78
5	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

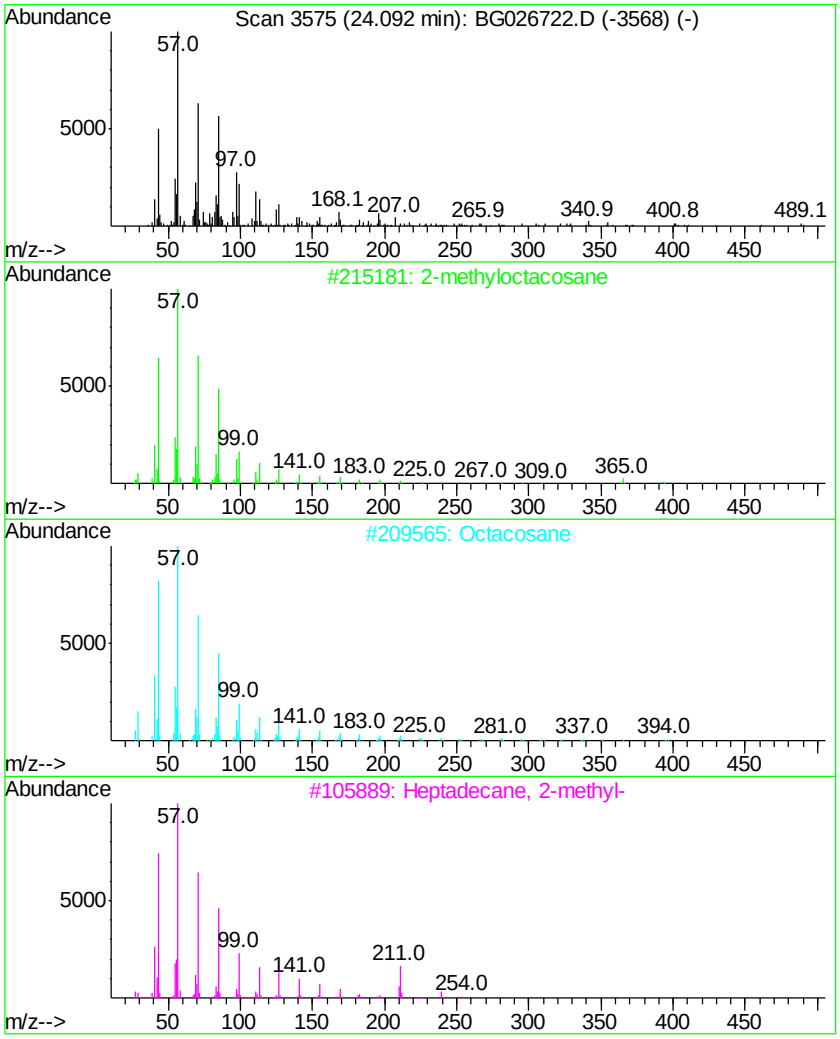
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

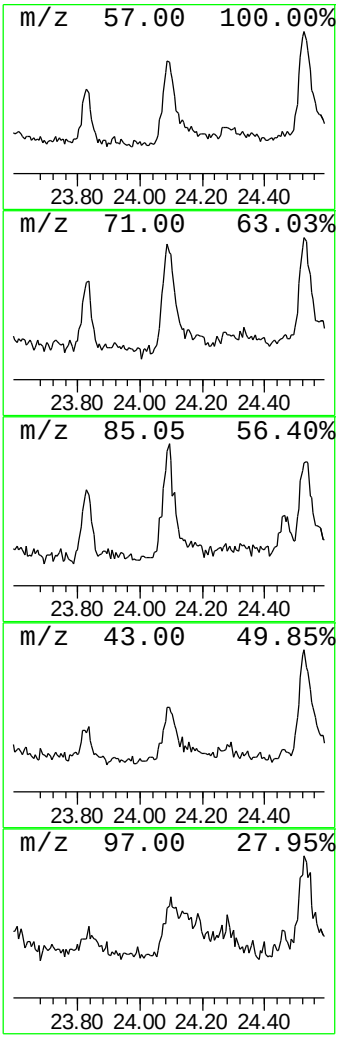
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.50 ng/ul	464036	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	81
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Heneicosane	296	C21H44	000629-94-7	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

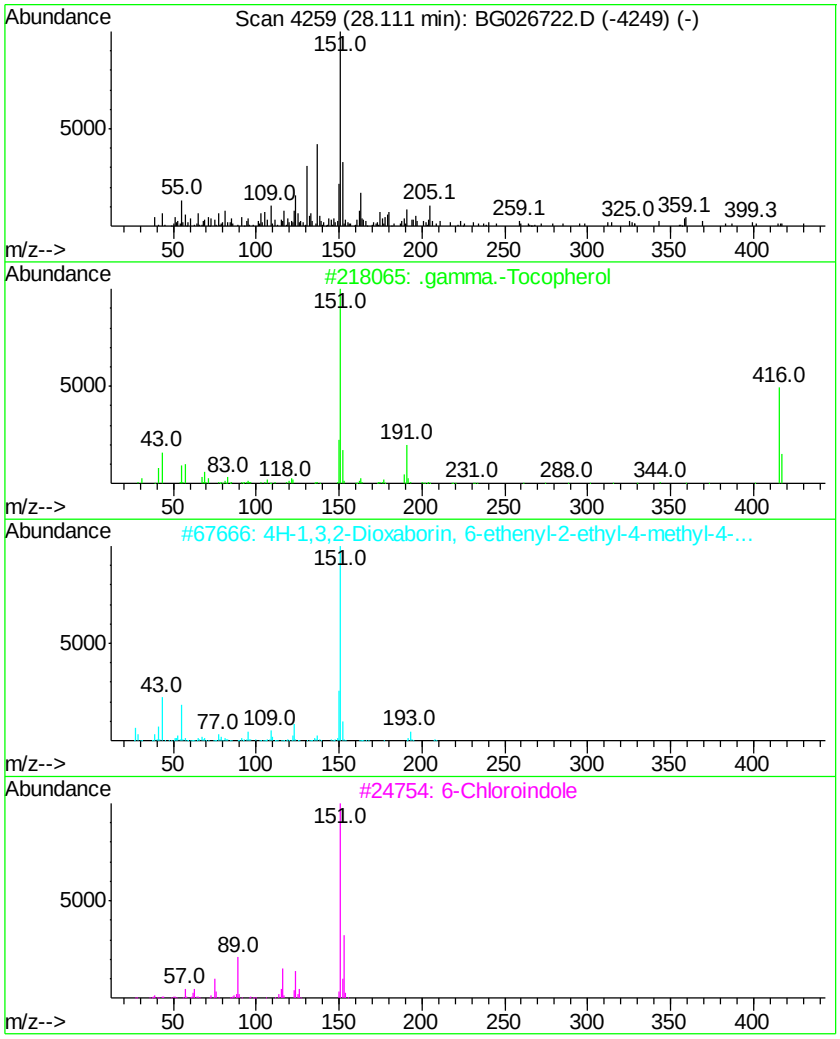
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

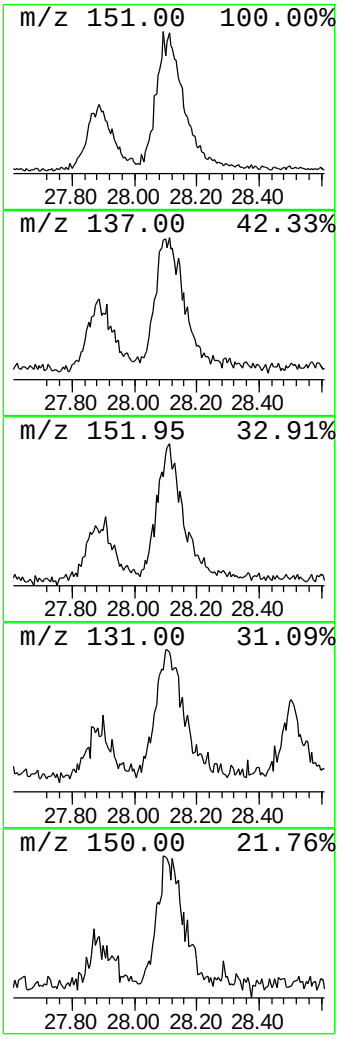
****

Peak Number 18 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.11	4.49 ng/ul	594705	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	43
2	4H-1,3,2-Dioxaborin, 6-ethenyl-2...	208	C12H21BO2	074630-05-0	43
3	6-Chloroindole	151	C8H6ClN	017422-33-2	38
4	4-Mercaptoimidazo[4,5-c]pyridine	151	C6H5N3S	034550-51-1	38
5	1H-Indole, 5-chloro-	151	C8H6ClN	017422-32-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

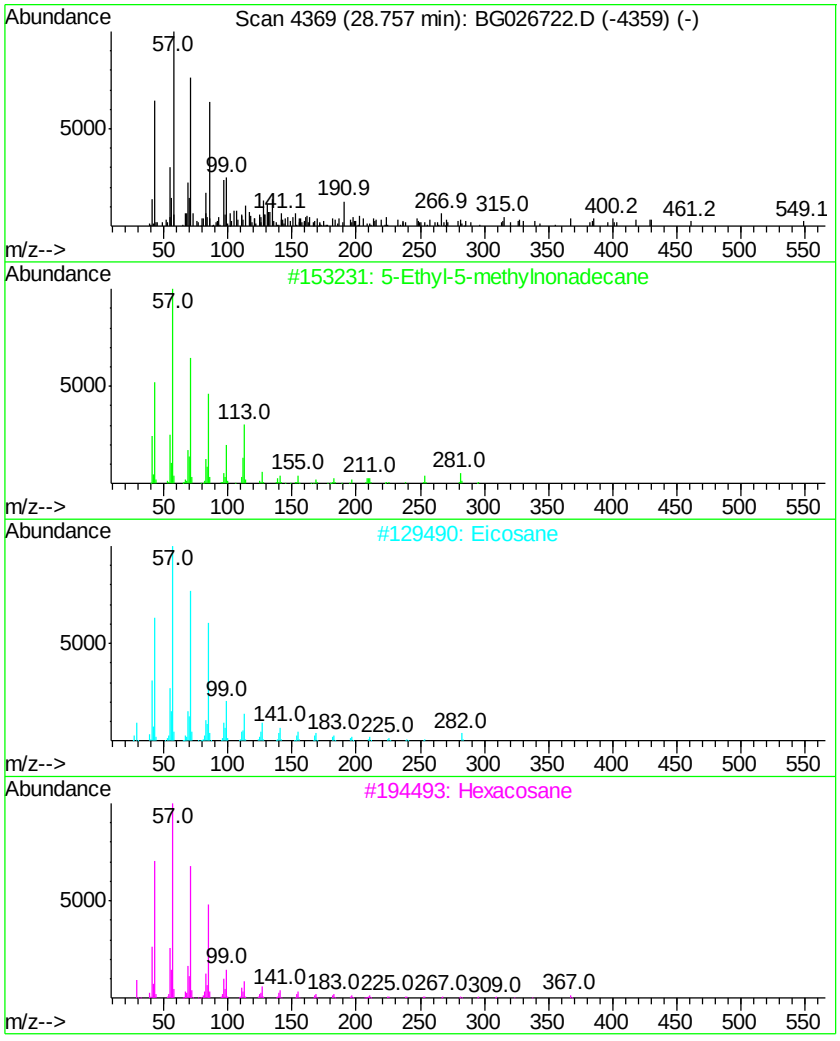
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

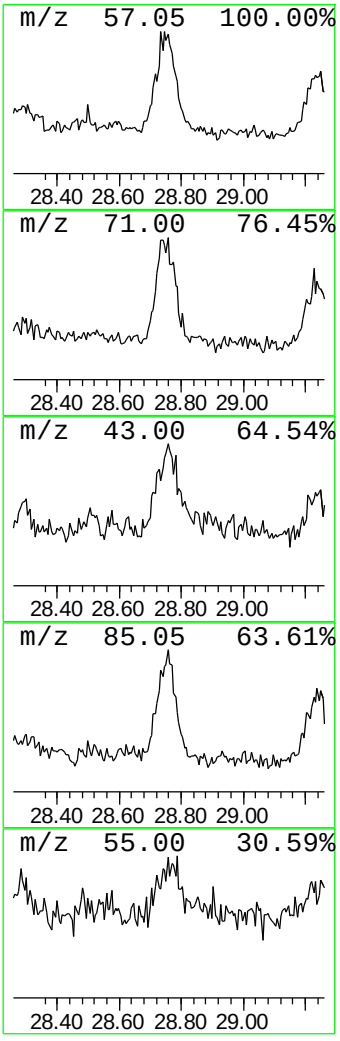
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.76	2.27 ng/ul	300196	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	64
2	Eicosane	282	C20H42	000112-95-8	53
3	Hexacosane	366	C26H54	000630-01-3	52
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	52
5	Heptadecane	240	C17H36	000629-78-7	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

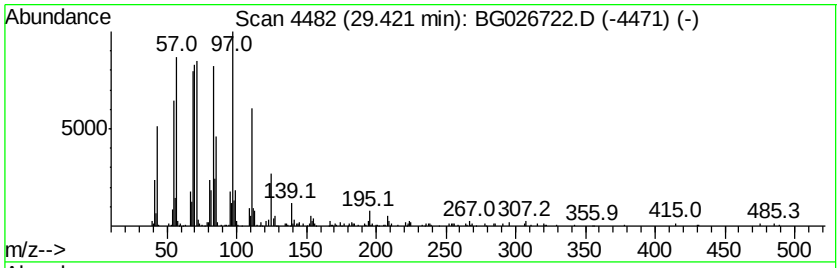
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

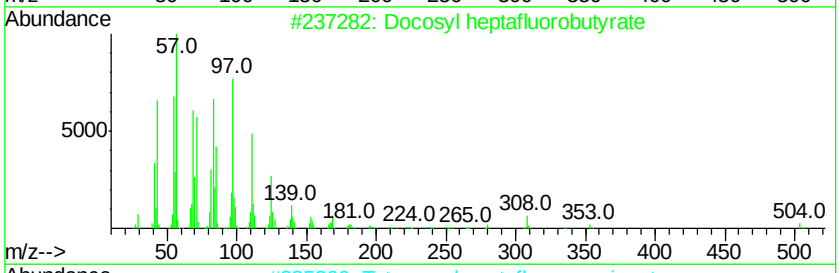
****

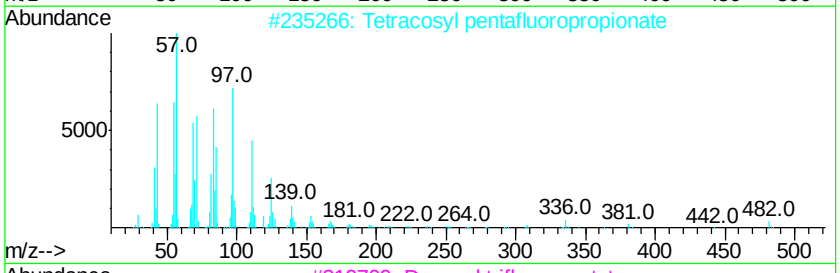
Peak Number 20 Docosyl heptafluorobutyrate Concentration Rank 10

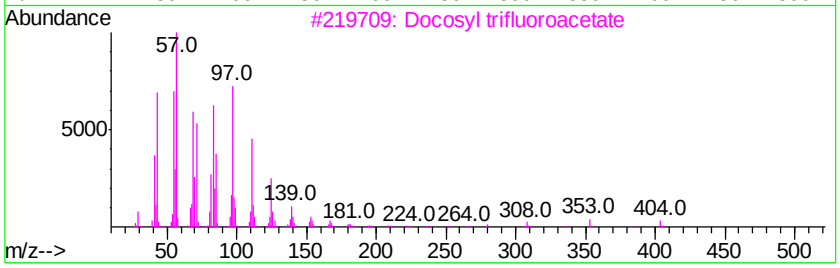
R.T.	EstConc	Area	Relative to ISTD	R.T.
29.42	7.41 ng/ul	981379	Perylene-d12	24.76

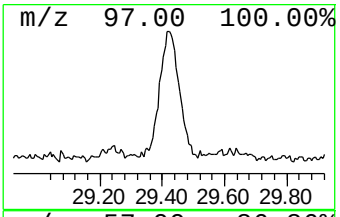
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	80
2	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	80
3	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	80
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	68
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	64

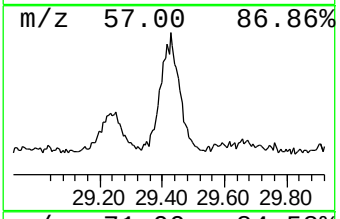


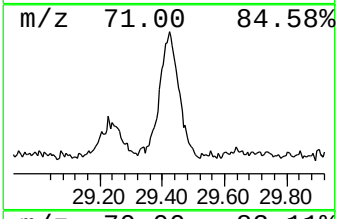


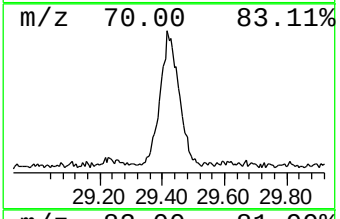


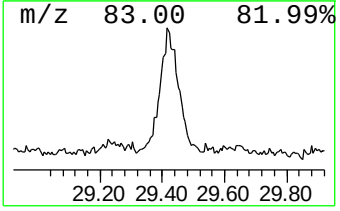












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

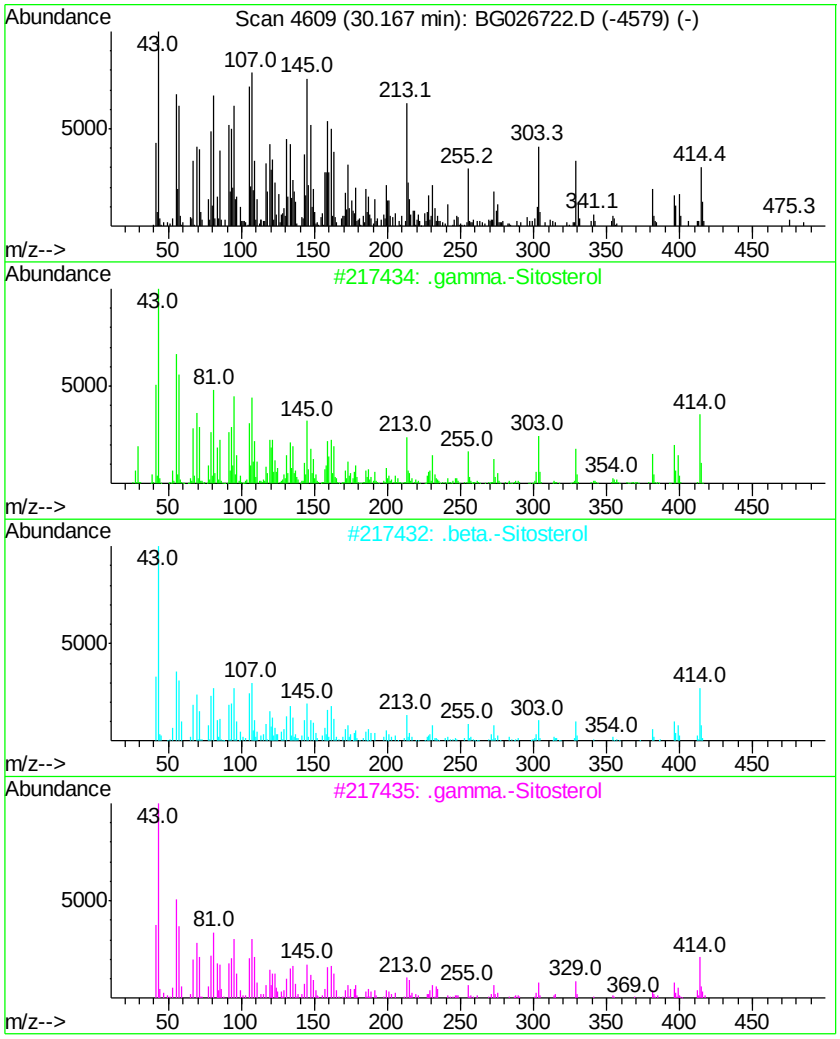
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

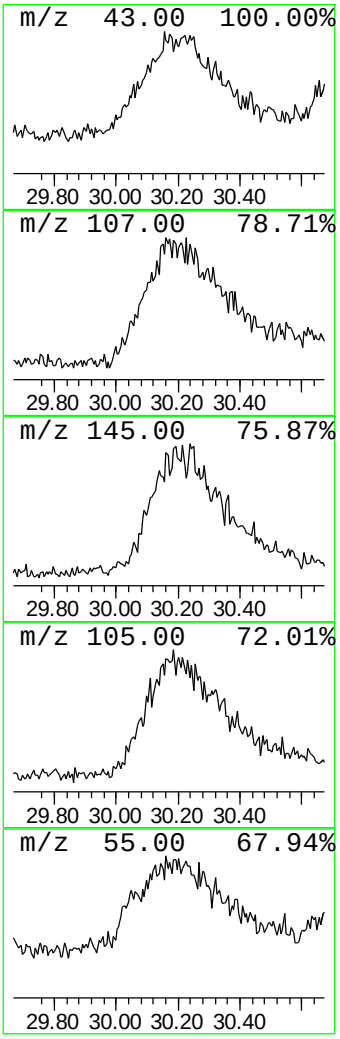
****

Peak Number 21 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.17	10.90 ng/ul	1444750	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

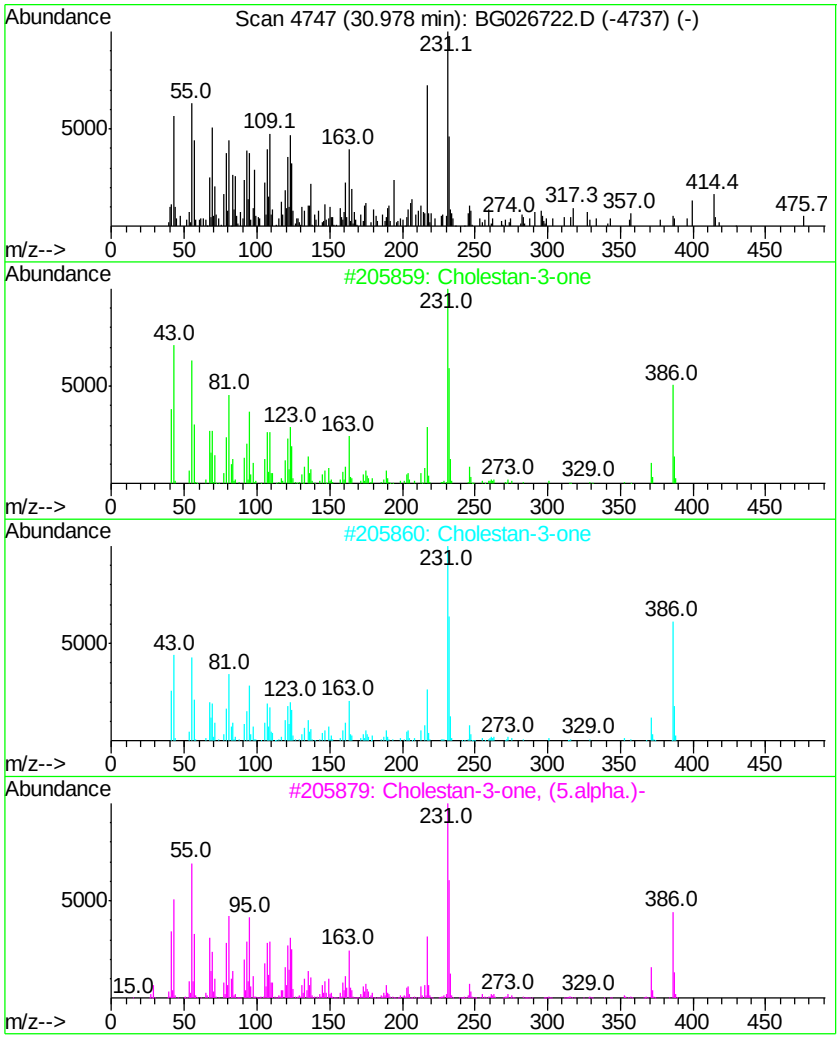
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

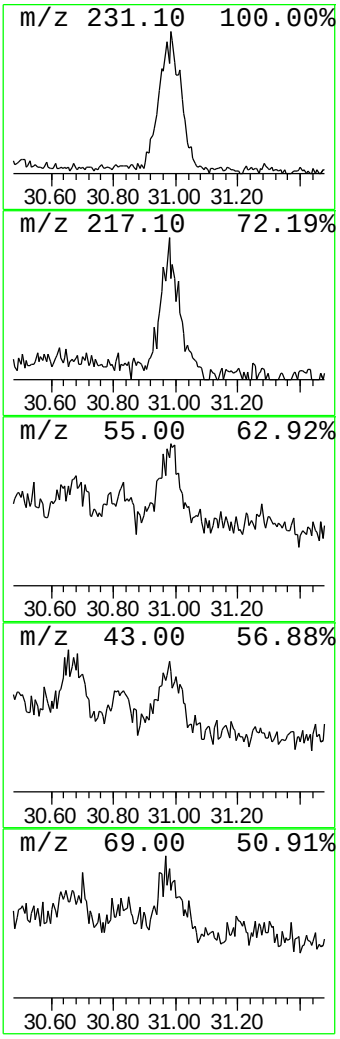
****

Peak Number 22 Cholestan-3-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.98	4.48 ng/ul	594246	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	50
2	Cholestan-3-one	386	C27H46O	015600-08-5	45
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	42
4	Cholestan-3-one	386	C27H46O	015600-08-5	38
5	Stephaboline	333	C18H23NO5	036871-86-0	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

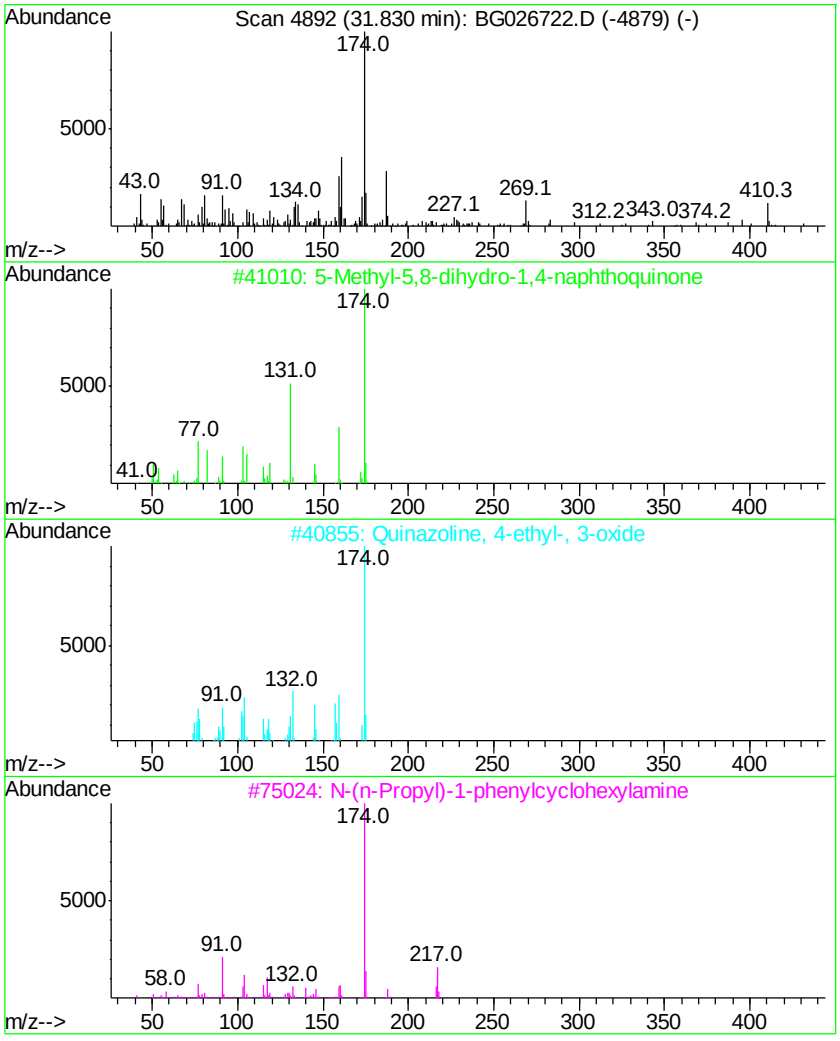
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

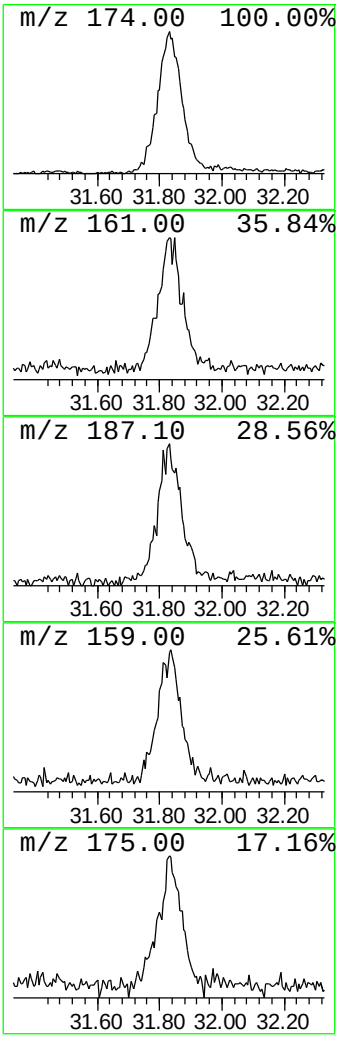
****

Peak Number 23 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.83	4.18 ng/ul	553823	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2	43
2	Quinazoline, 4-ethyl-, 3-oxide	174	C10H10N2O	037920-74-4	43
3	N-(n-Propyl)-1-phenylcyclohexyla...	217	C15H23N	018949-81-0	38
4	Quinoline, 1,2,3,4-tetrahydro-2,...	189	C13H19N	1000308-78-8	38
5	2-(2-Bromo-1-methylethyl)isoindo...	267	C11H10BrNO2	106363-58-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

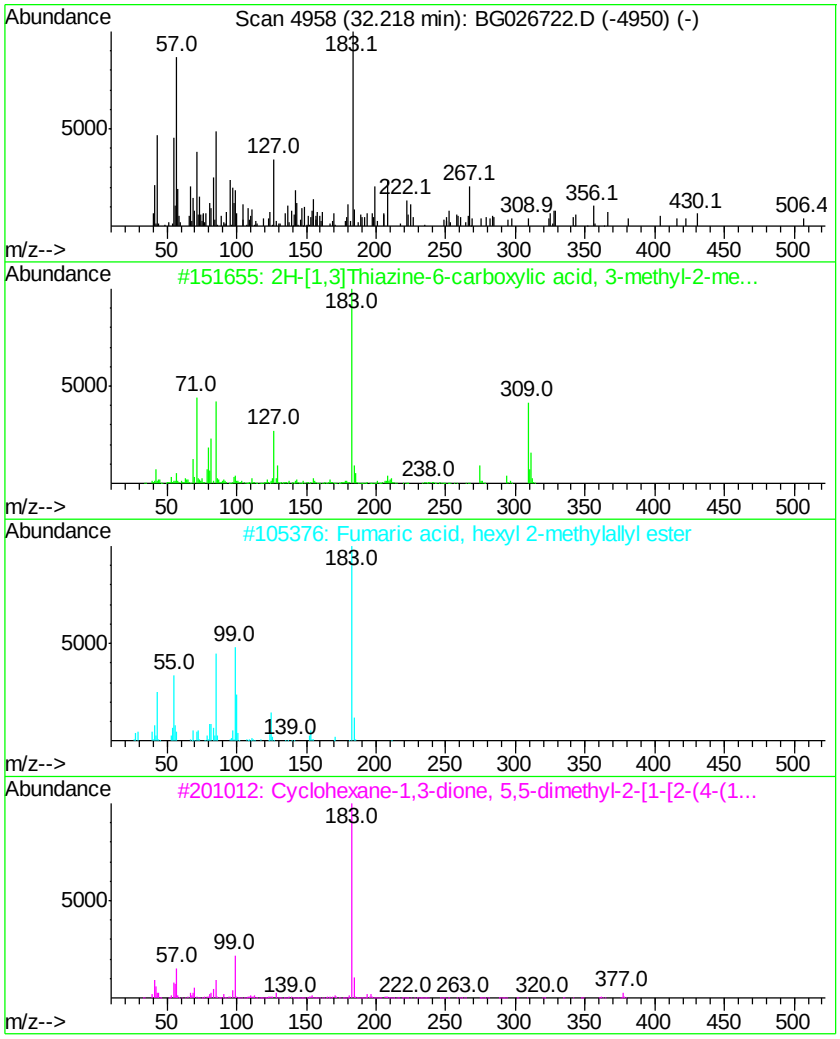
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

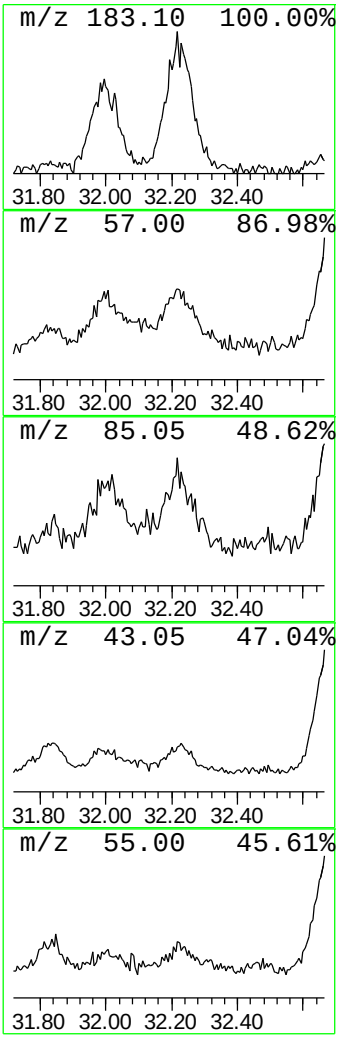
****

Peak Number 24 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.22	2.48 ng/ul	328252	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-[1,3]Thiazine-6-carboxylic ac...	309	C13H12ClN3O2S	1000304-56-1	47
2	Fumaric acid, hexyl 2-methylally...	254	C14H22O4	1000330-54-6	38
3	Cyclohexane-1,3-dione, 5,5-dimet...	377	C21H35N3O3	1000270-84-8	27
4	4-Methyl-5-trifluoromethyl-1,2,4...	183	C4H4F3N3S	1000343-21-9	27
5	2-t-Butyl-3,5-dimethyl-5-(2-oxir...	340	C18H32N2O4	1000194-11-1	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042717\
Data File : BG026722.D
Acq On : 27 Apr 2017 21:19
Operator : SJ/MA
Sample : I2807-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT66

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,2-Benzenediol, ...	12.02	9.8	ng/ul	814169	2	10.81	1670210	20.0
(DEL) Alkane: Str...	16.31	10.7	ng/ul	1224570	4	17.35	2282660	20.0
n-Hexadecanoic acid	18.23	2.5	ng/ul	284359	4	17.35	2282660	20.0
unknown-01	18.36	2.5	ng/ul	283818	4	17.35	2282660	20.0
18-Norabietane	18.82	78.0	ng/ul	8903140	4	17.35	2282660	20.0
4b,8-Dimethyl-2-i...	18.96	2.5	ng/ul	280508	4	17.35	2282660	20.0
10,18-Bisnorabiet...	19.08	2.2	ng/ul	247475	4	17.35	2282660	20.0
10,18-Bisnorabiet...	19.45	2.7	ng/ul	307253	4	17.35	2282660	20.0
unknown-02	19.54	2.5	ng/ul	1160300	5	21.60	9466690	20.0
Retene	20.18	45.0	ng/ul	21277500	5	21.60	9466690	20.0
(DEL) Alkane: Cyc...	21.31	11.8	ng/ul	5569910	5	21.60	9466690	20.0
Nonadecanoic acid...	21.74	6.6	ng/ul	3136460	5	21.60	9466690	20.0
1-Heneicosyl formate	22.46	17.1	ng/ul	8116650	5	21.60	9466690	20.0
Tetracosanoic acid	22.88	27.7	ng/ul	13120600	5	21.60	9466690	20.0
Ethyl tetracosanoate	23.01	6.8	ng/ul	3234000	5	21.60	9466690	20.0
(DEL) Alkane: Str...	24.09	3.5	ng/ul	464036	6	24.76	2650080	20.0
unknown-03	28.11	4.5	ng/ul	594705	6	24.76	2650080	20.0
(DEL) Alkane: Str...	28.76	2.3	ng/ul	300196	6	24.76	2650080	20.0
Docosyl heptafluo...	29.42	7.4	ng/ul	981379	6	24.76	2650080	20.0
.gamma.-Sitosterol	30.17	10.9	ng/ul	1444750	6	24.76	2650080	20.0
Cholestan-3-one	30.98	4.5	ng/ul	594246	6	24.76	2650080	20.0
unknown-04	31.83	4.2	ng/ul	553823	6	24.76	2650080	20.0
unknown-05	32.22	2.5	ng/ul	328252	6	24.76	2650080	20.0