LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.175	901	908	918	rVB	1230088	2096638	1.91%	0.251%
2	10.408	1273	1288	1303	rVB	361143	1195031	1.09%	0.143%
3	10.919	1364	1375	1380	rBV	5027653	10384871	9.48%	1.242%
4	11.653	1493	1500	1503	rVV	894219	1728745	1.58%	0.207%
5	11.683	1503	1505	1513	rVV	697118	1306662	1.19%	0.156%
6	11.841	1527	1532	1539	rVV2	515045	1114576	1.02%	0.133%
7	11.935	1543	1548	1556	rVB	733397	1183757	1.08%	0.142%
8	12.352	1609	1619	1624	rBV	4802144	9149248	8.35%	1.094%
9	12.758	1682	1688	1693	rBV	872137	1297087	1.18%	0.155%
10	13.275	1768	1776	1782	rBV	3141285	6479815	5.91%	0.775%
11	13.369	1786	1792	1797	rBV	806879	1691041	1.54%	0.202%
12	13.598	1819	1831	1834	rBV	7146943	17865196	16.30%	2.136%
13	13.663	1834	1842	1847	rVB	7311185	18712641	17.07%	2.238%
14	13.739	1847	1855	1869	rVB	6502249	12814944	11.69%	1.532%
15	13.927	1871	1887	1892	rBV	5293786	15640834	14.27%	1.870%
16	14.027	1892	1904	1909	rVB	9820459	29567819	26.98%	3.536%
17	14.503	1961	1985	1996	rBV9	11913025	109601148	100.00%	13.106%
18	14.673	2008	2014	2017	rBV	3165816	4270543	3.90%	0.511%
19	14.726	2017	2023	2026	rVV	5120204	11346305	10.35%	1.357%
20	14.755	2026	2028	2033	rVV	6280478	7521702	6.86%	0.899%
21	14.826	2033	2040	2044	rVV	5486233	8600392	7.85%	1.028%
22	14.991	2060	2068	2072	rVV	5207720	10947596	9.99%	1.309%
23	15.067	2072	2081	2090	rVV	9936473	22141180	20.20%	2.648%
24	15.472	2124	2150	2155	rBV3	12838434	73060747	66.66%	8.737%
25	15.660	2175	2182	2185	rVV	3641885	6154884	5.62%	0.736%
26	15.696	2185	2188	2194	rVV	2955828	3504219	3.20%	0.419%
27	15.754	2194	2198	2208	rVB	2660845	3497755	3.19%	0.418%
28	15.907	2218	2224	2228	rVV	2682982	4542407	4.14%	0.543%
29	15.972	2228	2235	2245	rVV	5783360	9136202	8.34%	1.093%
30	16.230	2266	2279	2284	rBV	1512153	3569913	3.26%	0.427%
31	16.365	2284	2302	2306	rBV	12376435	50243179	45.84%	6.008%
32	16.412	2306	2310	2312	rBV	1806798	2468999	2.25%	0.295%
33	16.442	2312	2315	2319	rVB	3845541	4623129	4.22%	0.553%
34	16.524	2319	2329	2335	rBV2	3407941	10059515	9.18%	1.203%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.583	2335	2339	2341	rBV	1310771	1528878	1.39%	0.183%
36	16.606	2341	2343	2349	rVB	1330998	1622438	1.48%	0.194%
37	16.694	2353	2358	2361	rBV	2476933	3772770	3.44%	0.451%
38	16.741	2361	2366	2371	rBV	7010712	12197620	11.13%	1.459%
39	16.794	2371	2375	2386	rVB	5472464	9613450	8.77%	1.150%
40	16.912	2386	2395	2403	rBV	5165357	10157120	9.27%	1.215%
41	17.041	2403	2417	2421	rVB2	2278547	6942484	6.33%	0.830%
42	17.170	2424	2439	2443	rBV3	12055909	40109523	36.60%	4.796%
43	17.211	2443	2446	2449	rBV	2764567	3681953	3.36%	0.440%
44	17.323	2456	2465	2468	rVB2	8592083	24150590	22.03%	2.888%
45	17.452	2469	2487	2490	rVB	12205956	52166305	47.60%	6.238%
46	17.523	2490	2499	2502	rBV	2770577	3454026	3.15%	0.413%
47	17.587	2502	2510	2514	rVB	8316312	14674216	13.39%	1.755%
48	17.693	2520	2528	2534	rBV	4780541	8259529	7.54%	0.988%
49	17.875	2550	2559	2563	rBV	1957332	3477330	3.17%	0.416%
50	17.922	2563	2567	2574	rVV	1185522	1802928	1.64%	0.216%
51	18.016	2578	2583	2593	rVB2	639111	1484774	1.35%	0.178%
52	18.175	2593	2610	2614	rBV	12439875	46134647	42.09%	5.517%
53	18.234	2614	2620	2624	rBV	1148156	1473932	1.34%	0.176%
54	18.392	2640	2647	2650	rBV	2503514	4427957	4.04%	0.530%
55	18.428	2650	2653	2657	rVB	1798017	2341519	2.14%	0.280%
56	18.528	2664	2670	2672	rBV2	949101	1322876	1.21%	0.158%
57	18.551	2672	2674	2679	rVV	986952	1176750	1.07%	0.141%
58	18.604	2679	2683	2689	rVB	915372	1194948	1.09%	0.143%
59	18.833	2710	2722	2726	rBV	11285244	26705560	24.37%	3.194%
60	18.886	2726	2731	2741	rVB3	1308477	2613415	2.38%	0.313%
61	19.039	2752	2757	2766	rVB2	1664006	2998821	2.74%	0.359%
62	19.309	2796	2803	2811	rBV5	522135	1460458	1.33%	0.175%
63	19.444	2818	2826	2830	rBV	9448182	17457572	15.93%	2.088%
64	19.614	2851	2855	2858	rBV	1670402	2182515	1.99%	0.261%
65	19.873	2894	2899	2904	rBV	1294824	1615245	1.47%	0.193%
66	19.991	2912	2919	2925	rVB	5283770	7084027	6.46%	0.847%
67	20.096	2926	2937	2941	rBV2	1011864	2171465	1.98%	0.260%
68	20.155	2941	2947	2956	rVB2	1723294	2889819	2.64%	0.346%
69	20.537	3005	3012	3016	rBV	6261940	8163960	7.45%	0.976%
70	20.666	3029	3034	3038	rBV	1506091	1845971	1.68%	0.221%
71	20.889	3065	3072	3076	rVB	7362262	10058088	9.18%	1.203%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.060	3094	3101	3105	rBV	5099704	7038370	6.42%	0.842%
73	21.612	3188	3195	3203	rVB	4902230	7265794	6.63%	0.869%

Sum of corrected areas: 836238363

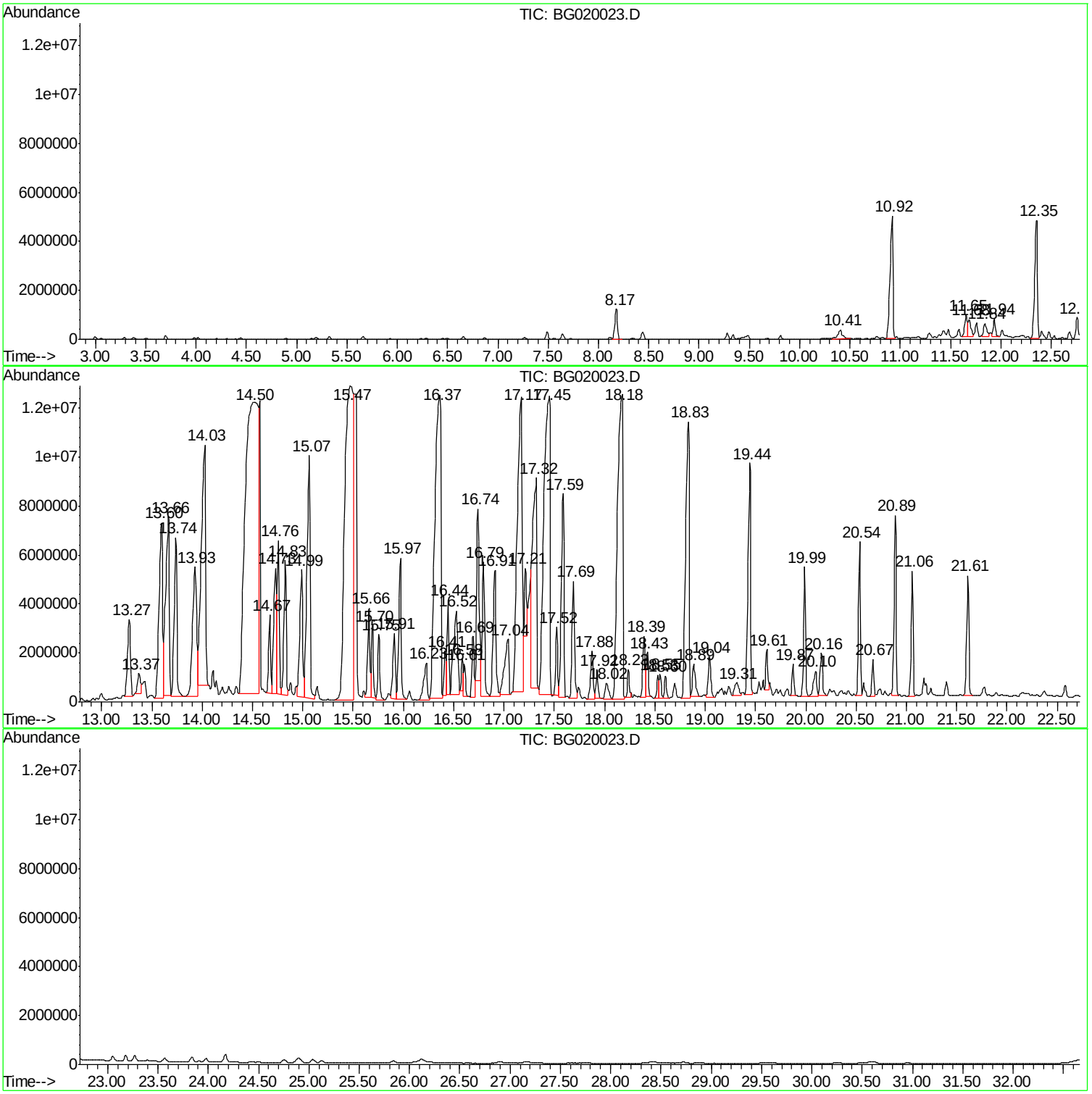
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

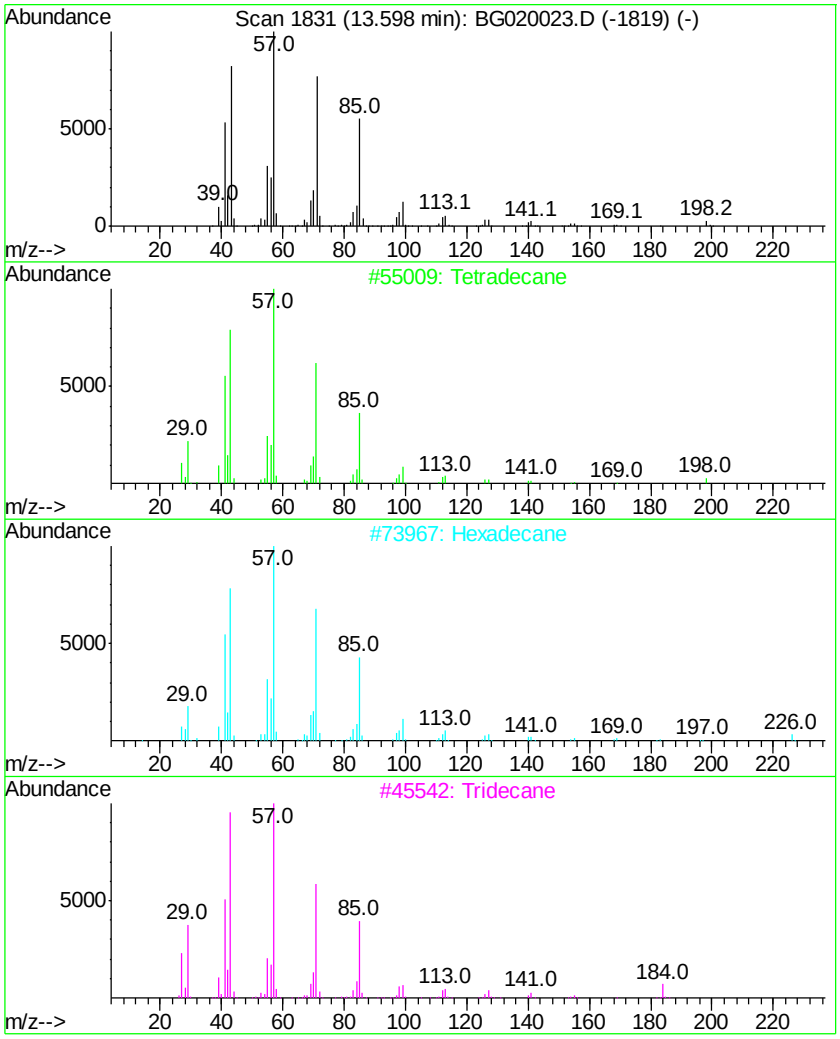
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

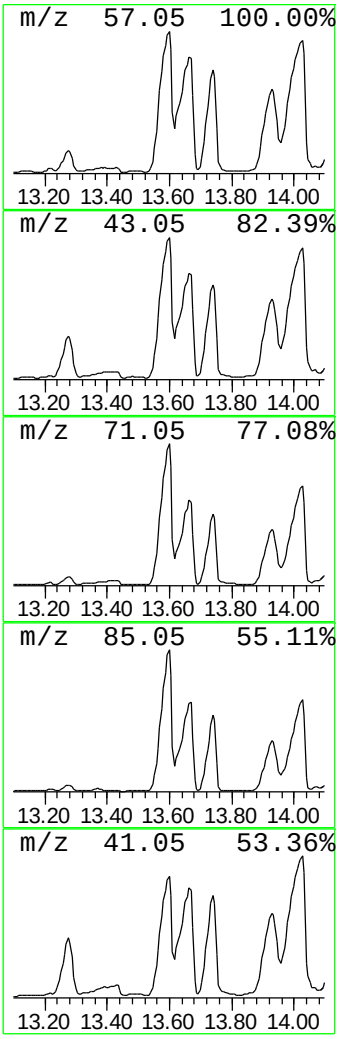
****

Peak Number 1 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	47.50 ng	17865200	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

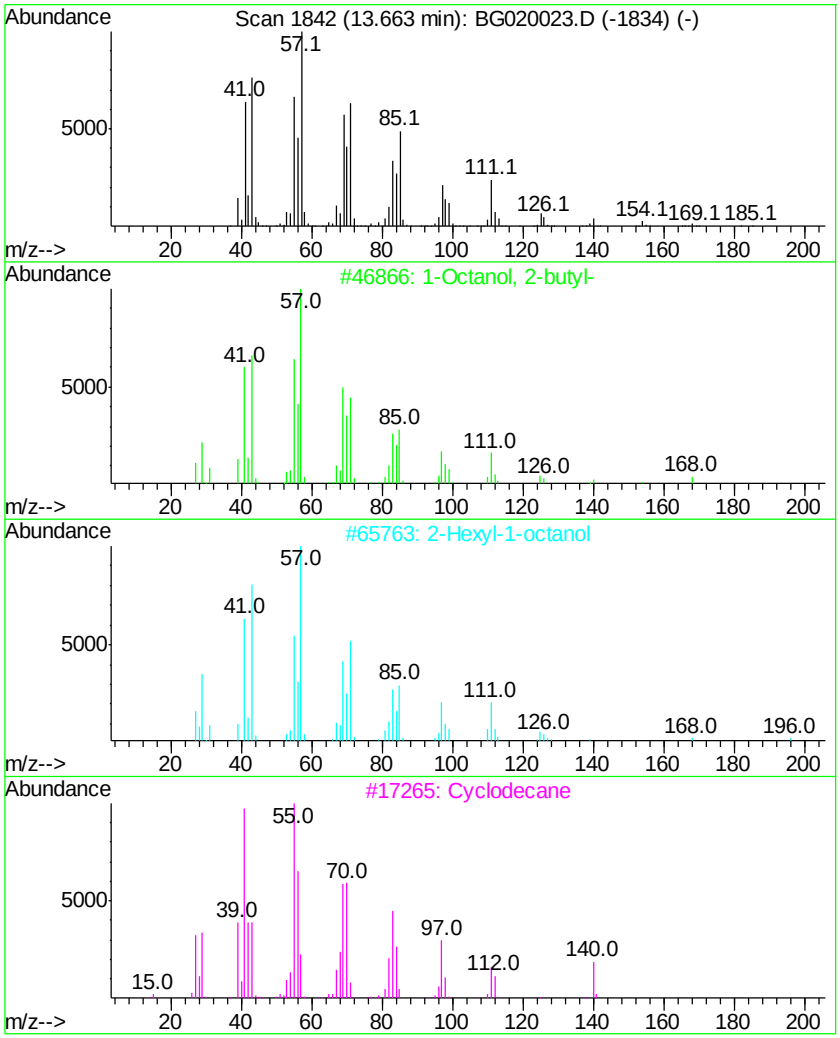
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

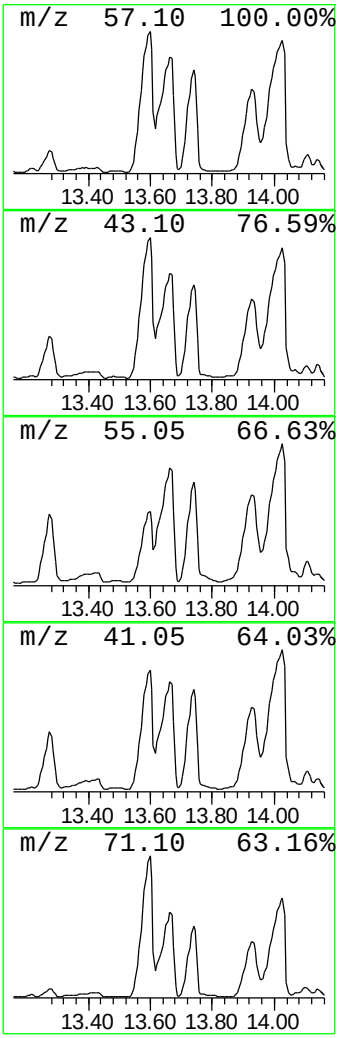
****

Peak Number 2 1-Octanol, 2-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	49.76 ng	18712600	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	86
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	72
3	Cyclodecane	140	C10H20	000293-96-9	60
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	60
5	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

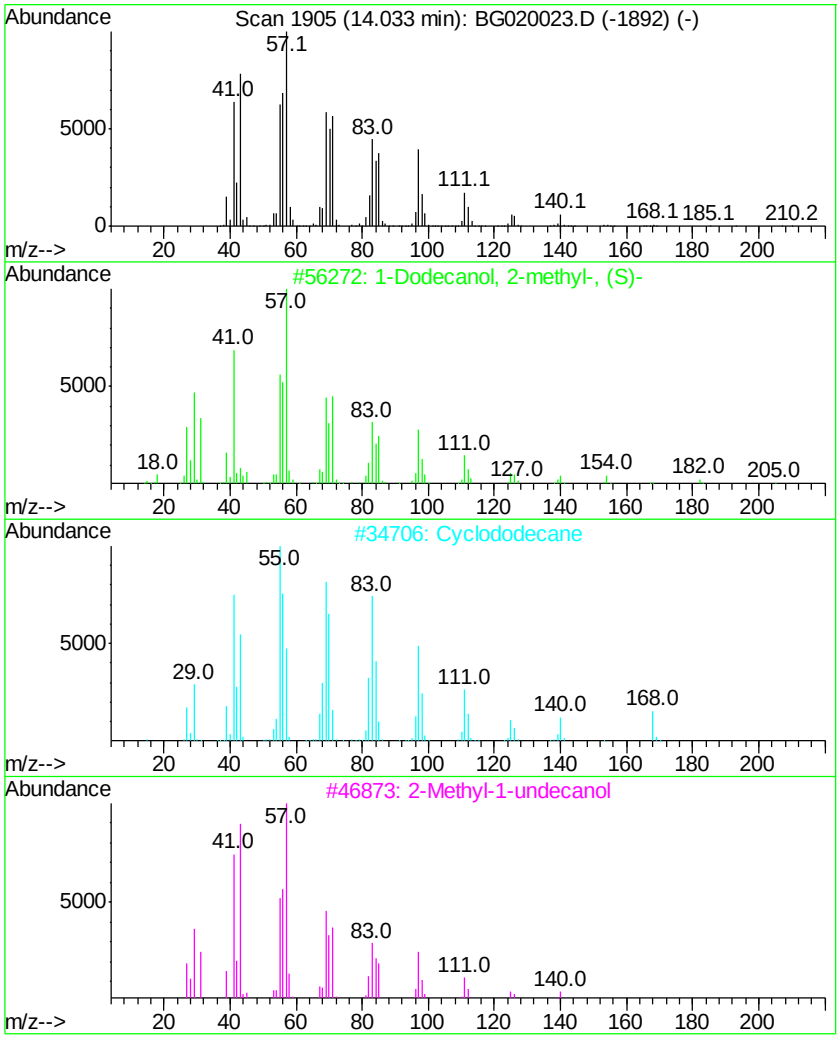
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

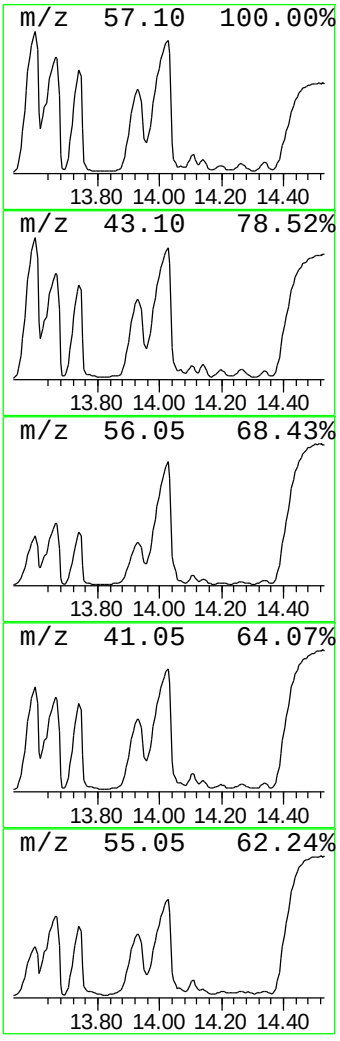
****

Peak Number 4 1-Dodecanol, 2-methyl-, (S)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	78.62 ng	29567800	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	90
2	Cyclododecane	168	C12H24	000294-62-2	89
3	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	87
4	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	86
5	1-Dodecene	168	C12H24	000112-41-4	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

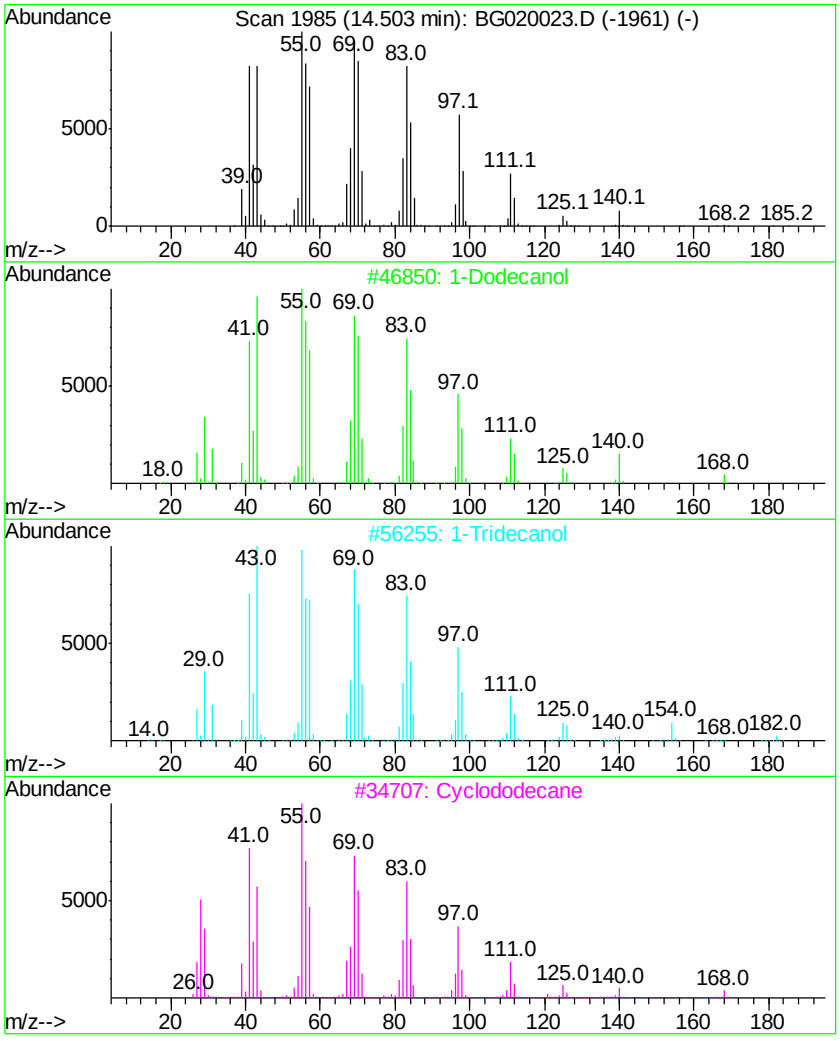
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

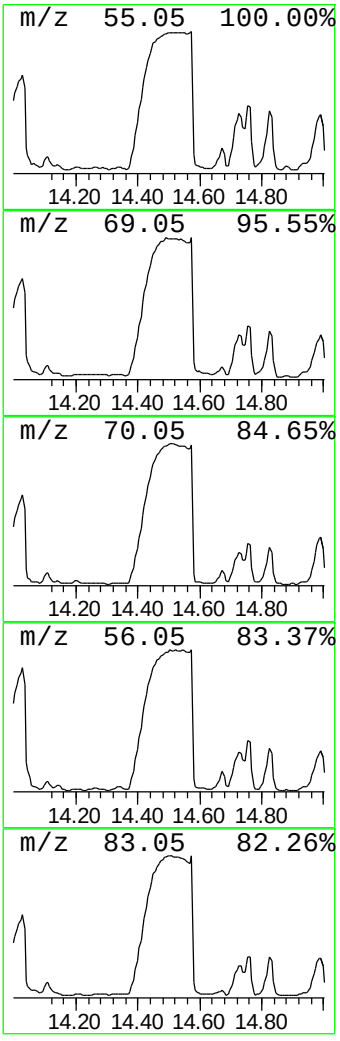
****

Peak Number 5 1-Dodecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	291.43 ng	109601000	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	91
2	1-Tridecanol	200	C13H28O	000112-70-9	91
3	Cyclododecane	168	C12H24	000294-62-2	91
4	1-Undecanol	172	C11H24O	000112-42-5	91
5	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

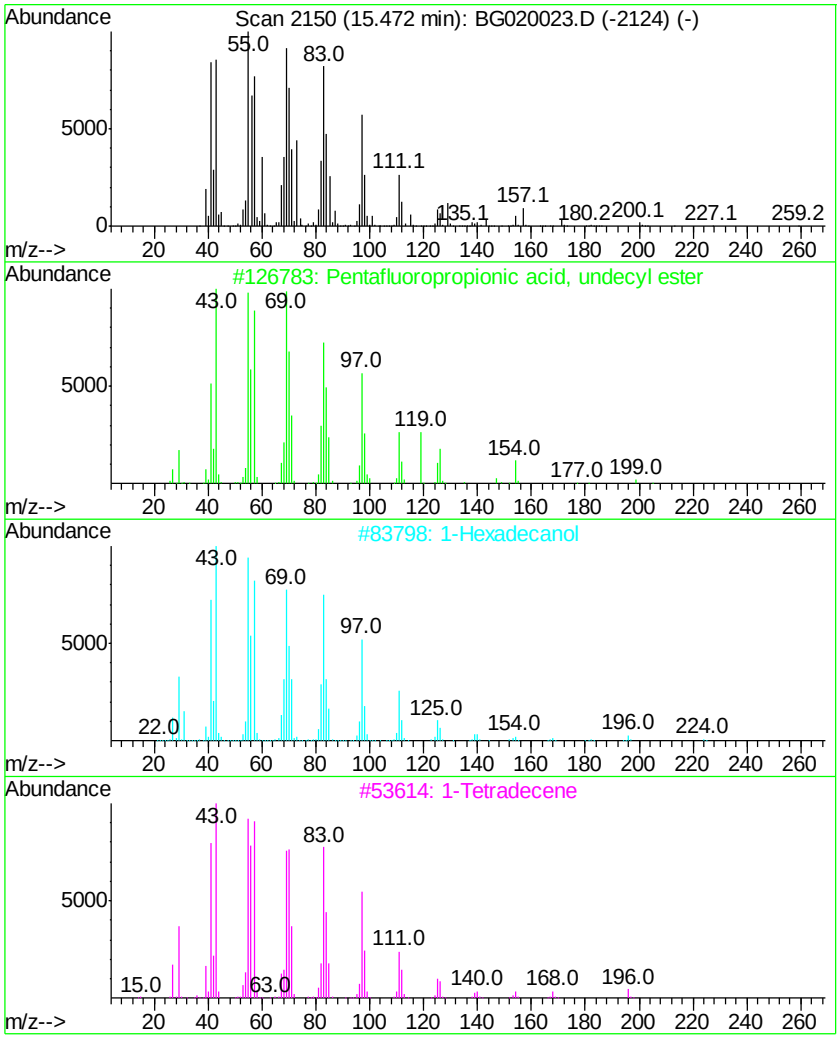
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

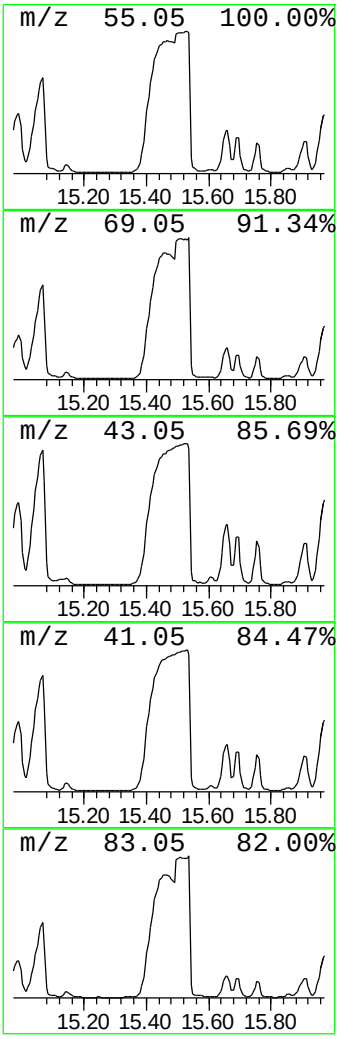
****

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	194.27 ng	73060700	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, undec...	318	C14H23F5O2	1000283-04-0	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	1-Tetradecene	196	C14H28	001120-36-1	90
4	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	90
5	Cyclododecane	168	C12H24	000294-62-2	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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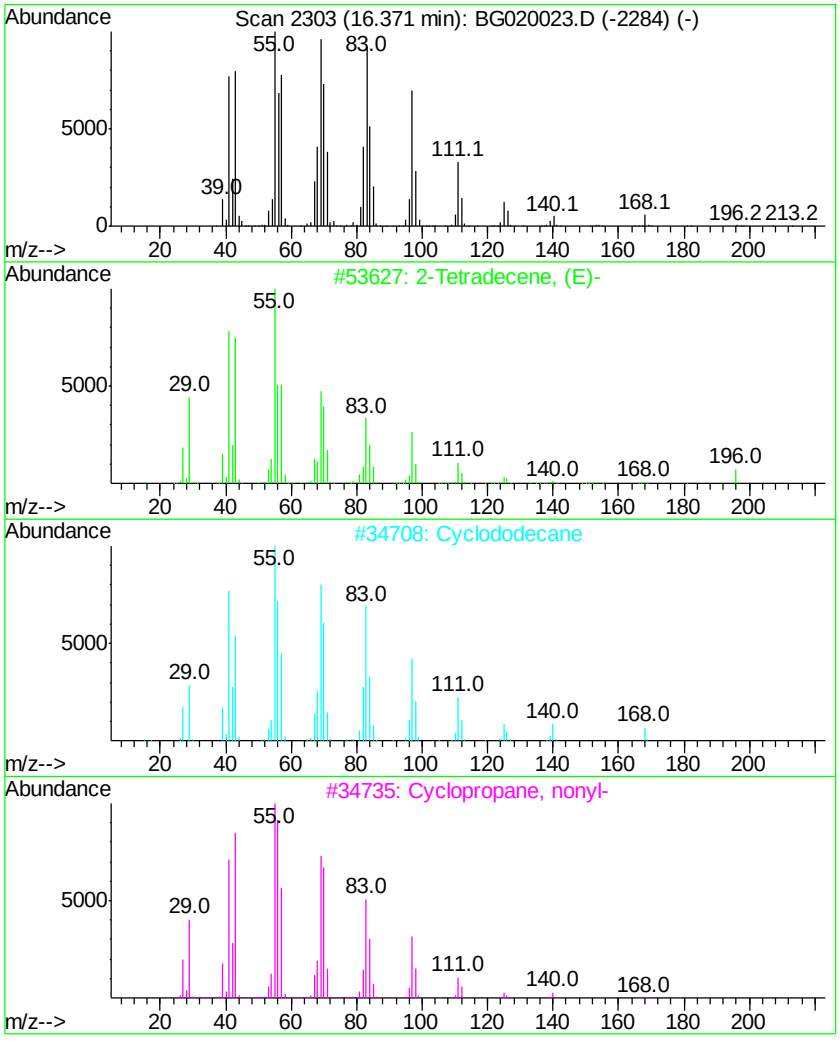
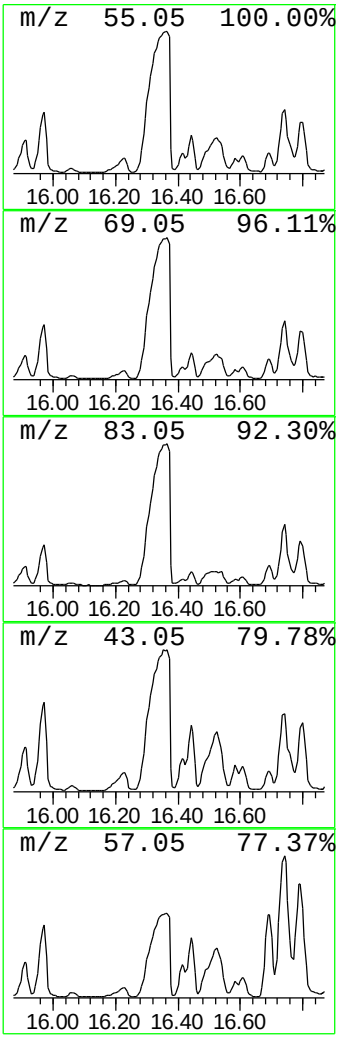
Peak Number 8 2-Tetradecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	290.93 ng	50243200	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	98
2	Cyclododecane	168	C12H24	000294-62-2	97
3	Cyclopropane, nonyl-	168	C12H24	074663-85-7	94
4	1-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Tridecanol	200	C13H28O	000112-70-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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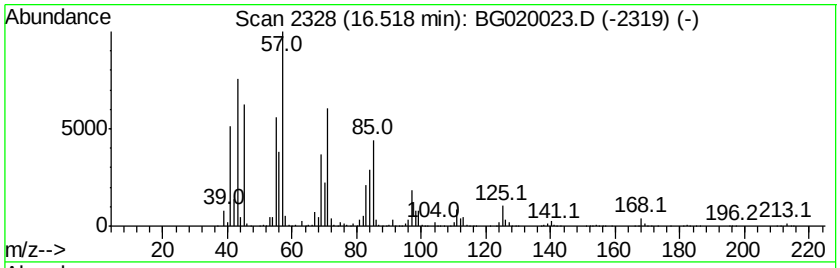
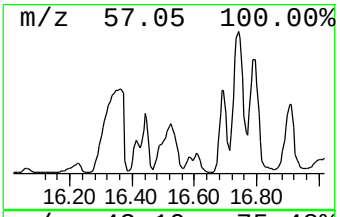
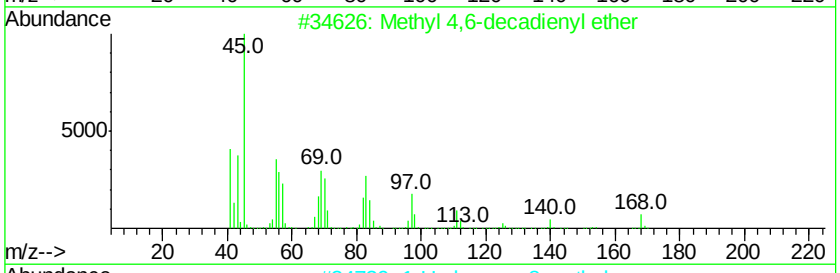
Peak Number 9 unknown16.52 Concentration Rank 15

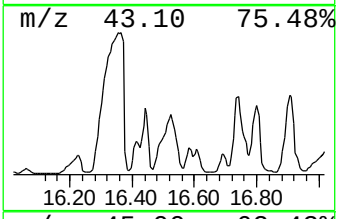
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	58.25 ng	10059500	Phenanthrene-d10	17.52

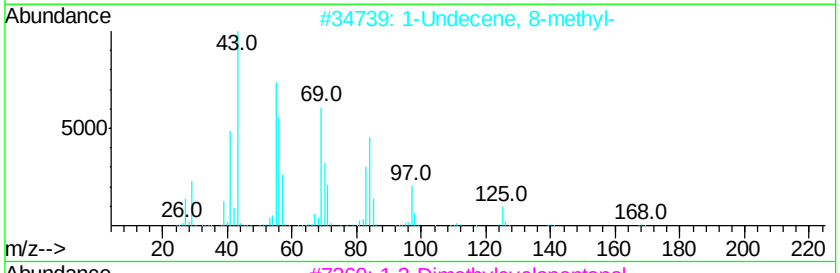
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 4,6-decadienyl ether	168	C11H20O	1000130-99-8	46
2	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	38
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	30
4	6-Dodecene, (Z)-	168	C12H24	007206-29-3	30
5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	25

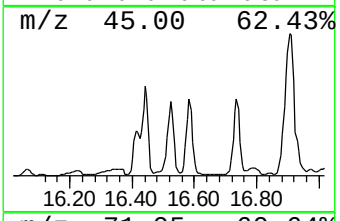


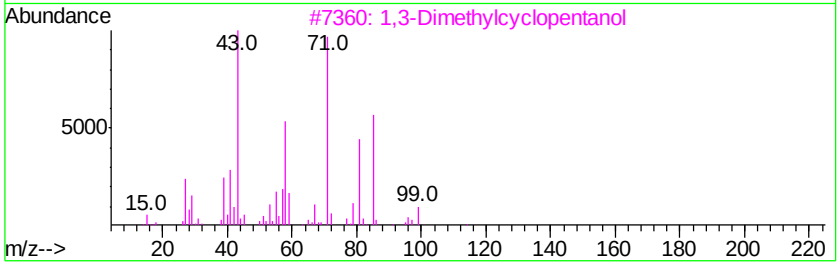


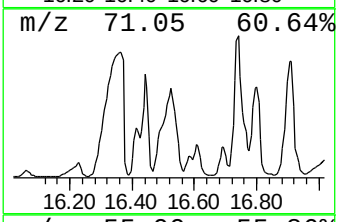


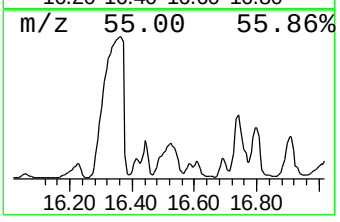












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Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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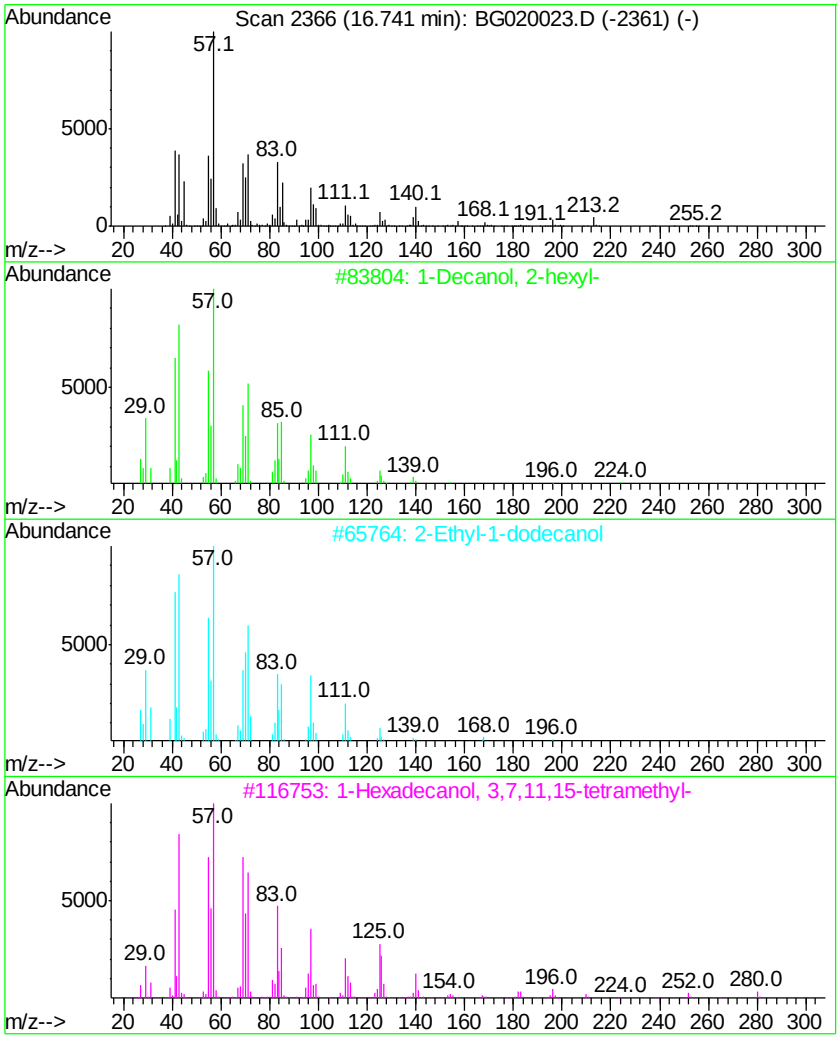
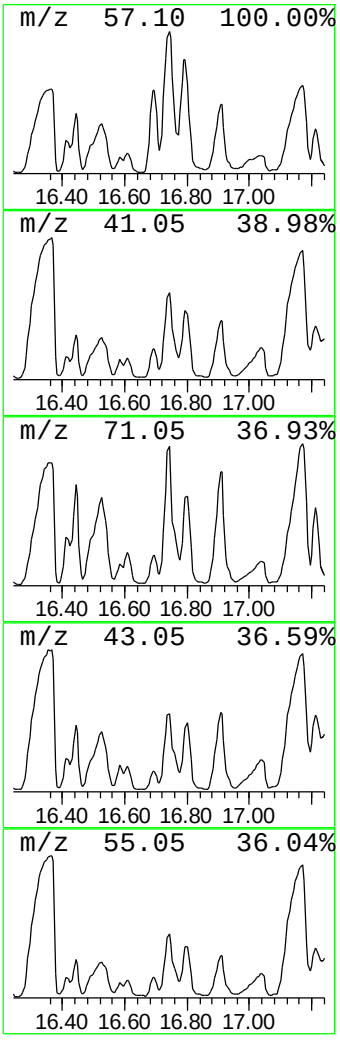
Peak Number 10 1-Decanol, 2-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	70.63 ng	12197600	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	80
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
3	1-Hexadecanol, 3,7,11,15-tetrame...	298	C20H42O	000645-72-7	64
4	Methoxyacetic acid, tetradecyl e...	286	C17H34O3	1000281-82-1	47
5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	43





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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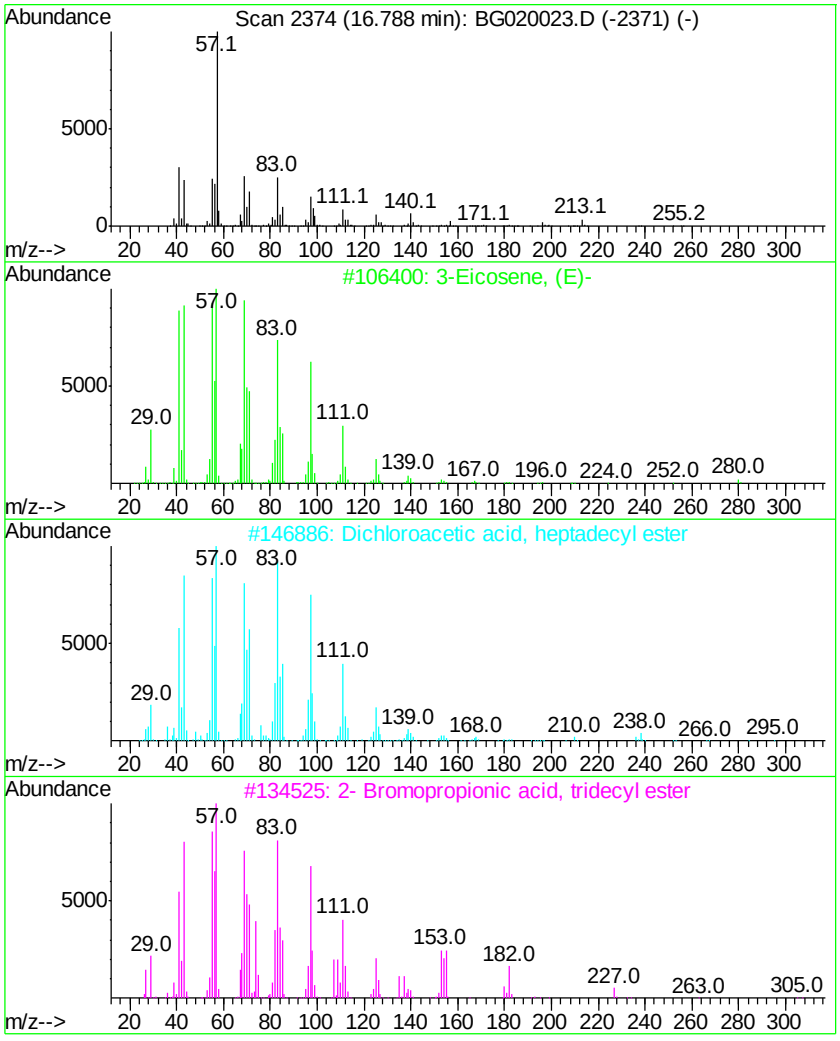
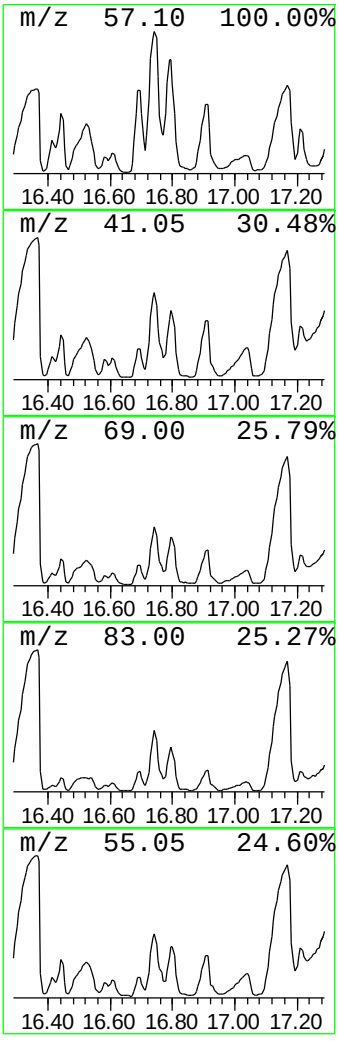
Peak Number 11 3-Eicosene, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	55.67 ng	9613450	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	58
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	53
3	2- Bromopropionic acid, tridecyl...	334	C16H31BrO2	1000292-43-9	53
4	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	53
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	52





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Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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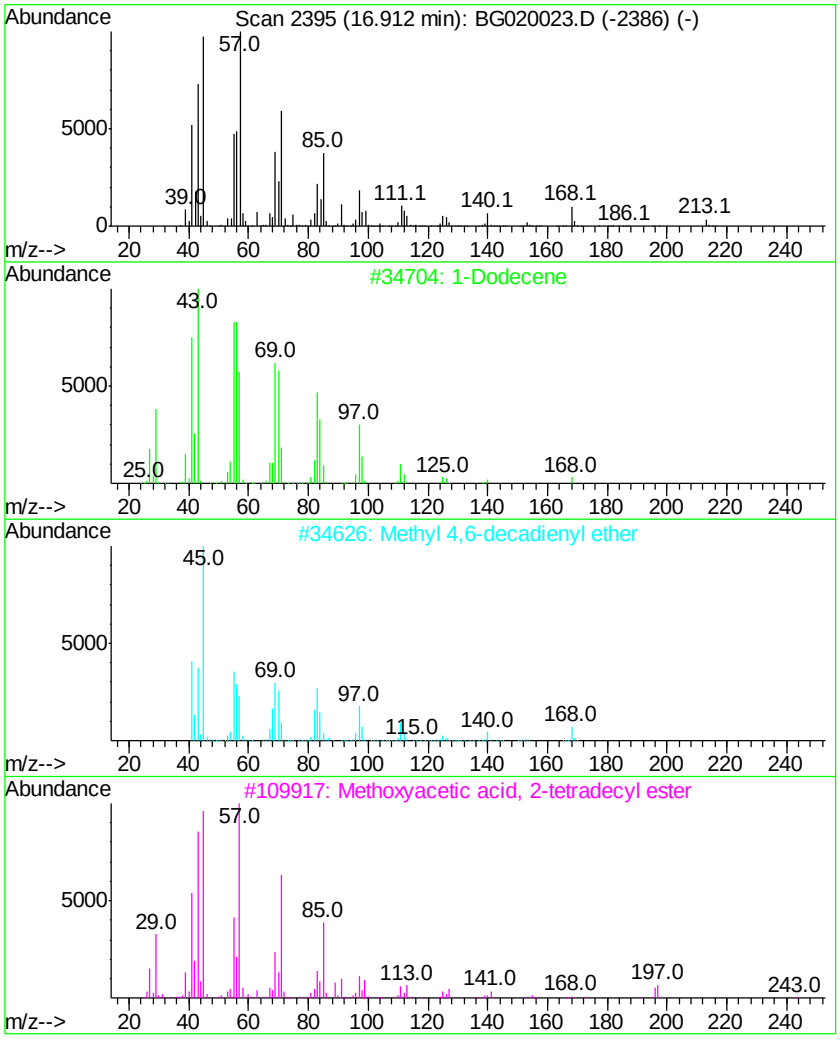
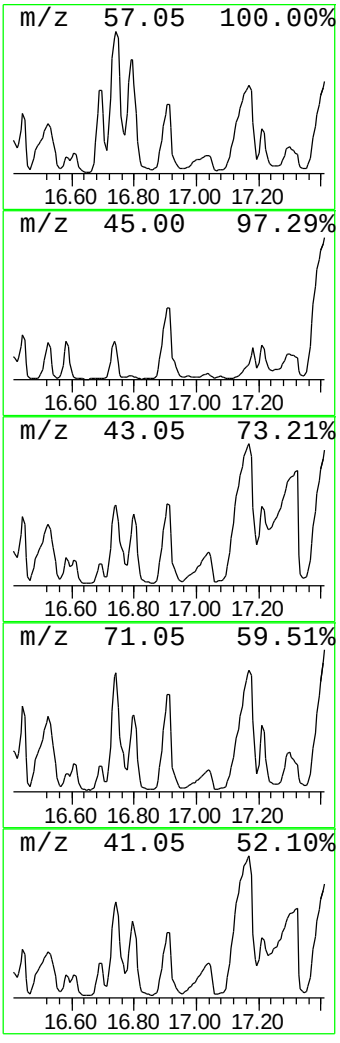
Peak Number 12 1-Dodecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	58.81 ng	10157100	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	84
2	Methyl 4,6-decadienyl ether	168	C11H20O	1000130-99-8	70
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	64
4	2-Dodecanol	186	C12H26O	010203-28-8	52
5	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	43





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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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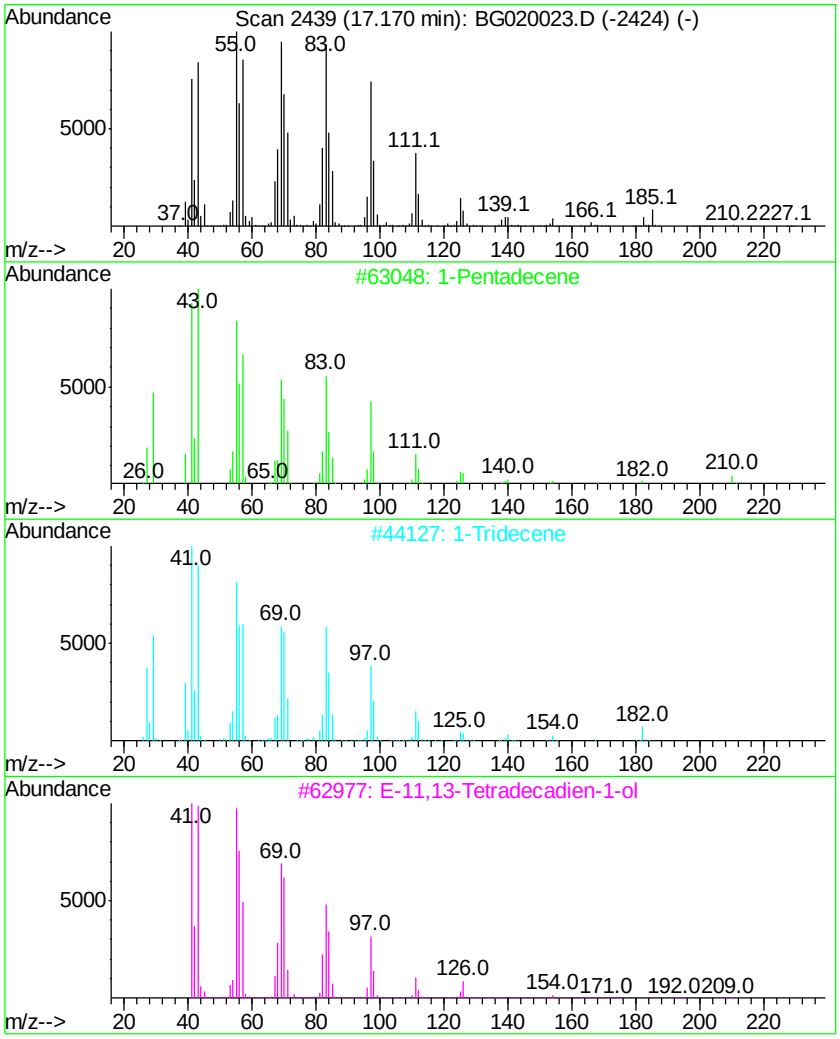
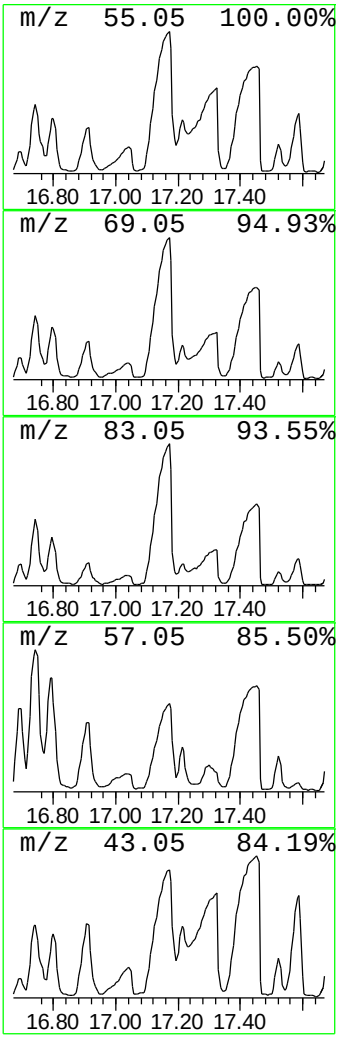
Peak Number 13 1-Pentadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	232.25 ng	40109500	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	93
2	1-Tridecene	182	C13H26	002437-56-1	92
3	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	92
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





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ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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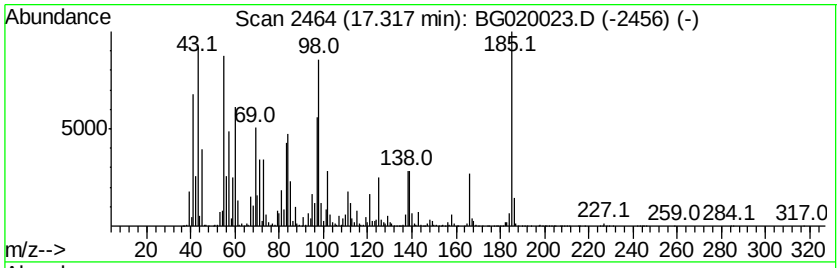
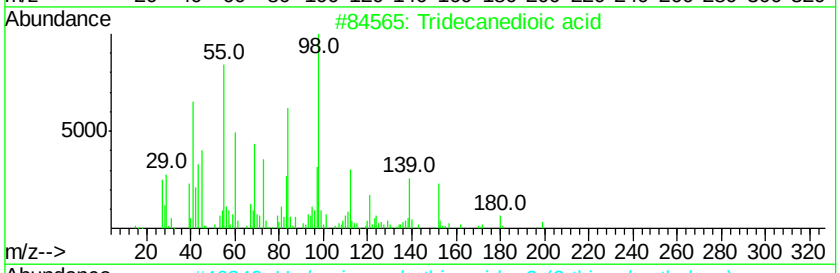
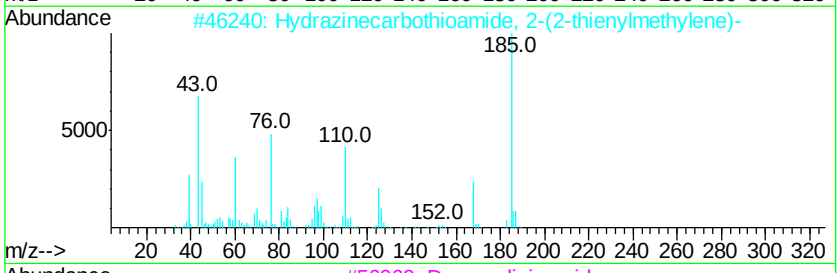
Peak Number 14 unknown17.32 Concentration Rank 8

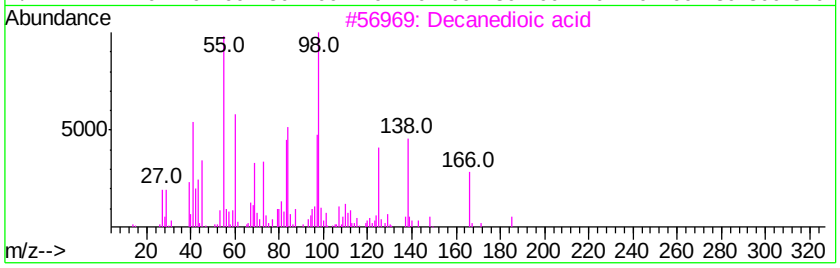
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	139.84 ng	24150600	Phenanthrene-d10	17.52

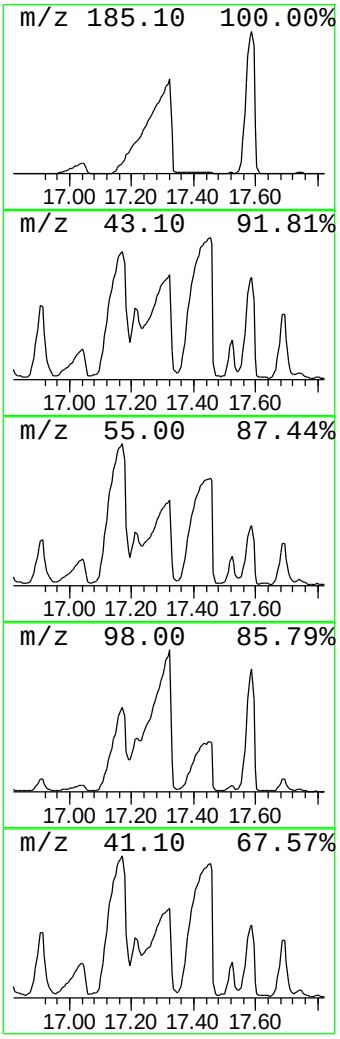
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanedioic acid	244	C13H24O4	000505-52-2	35
2	Hydrazinecarbothioamide, 2-(2-th...	185	C6H7N3S2	005351-91-7	30
3	Decanedioic acid	202	C10H18O4	000111-20-6	27
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	22
5	n-Hexylamine, N-acetyl-1-cyano-	168	C9H16N2O	1000227-04-0	18











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Sample : G4639-01
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Instrument : BNA_G
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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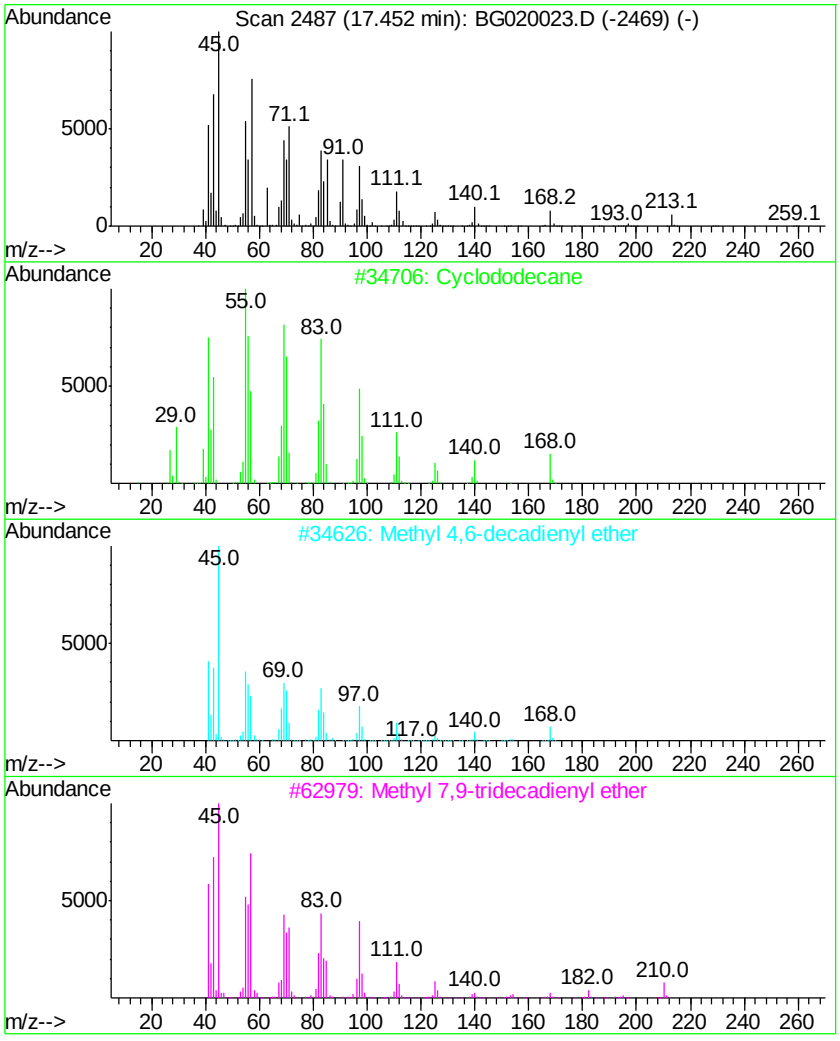
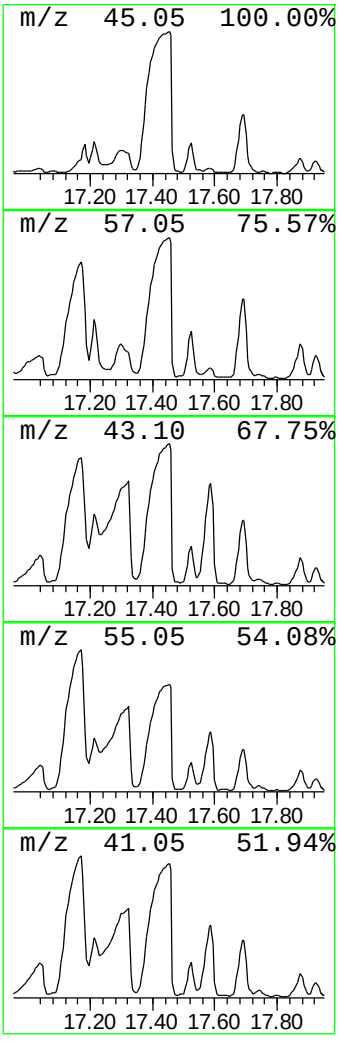
Peak Number 15 Cyclododecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	302.06 ng	52166300	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	94
2	Methyl 4,6-decadienyl ether	168	C11H20O	1000130-99-8	89
3	Methyl 7,9-tridecadienyl ether	210	C14H26O	1000131-00-0	68
4	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	50
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	1000280-07-3	50





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Data File : BG020023.D
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Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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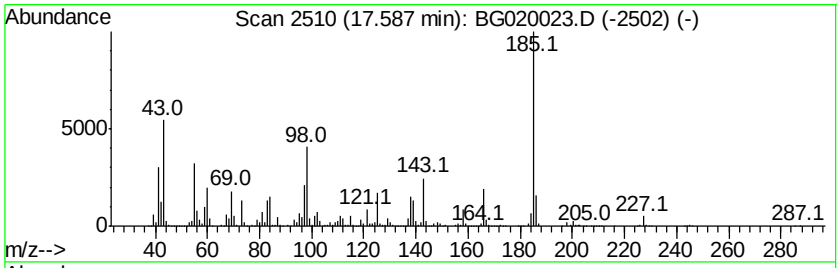
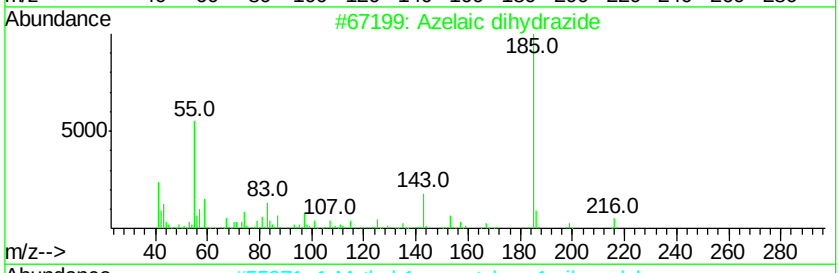
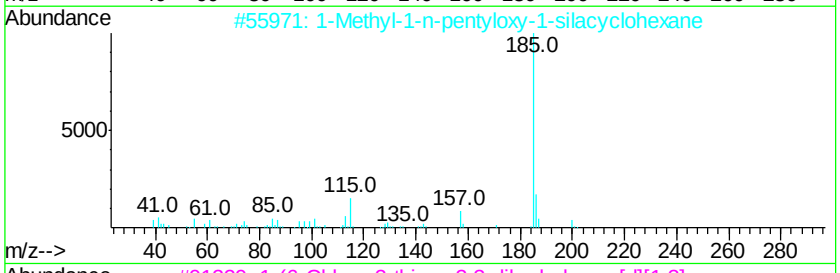
Peak Number 16 unknown17.59 Concentration Rank 10

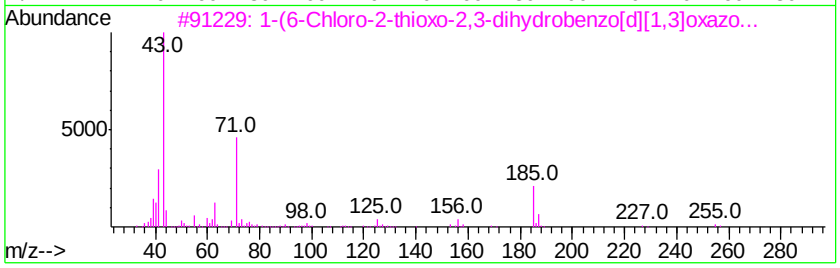
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	84.97 ng	14674200	Phenanthrene-d10	17.52

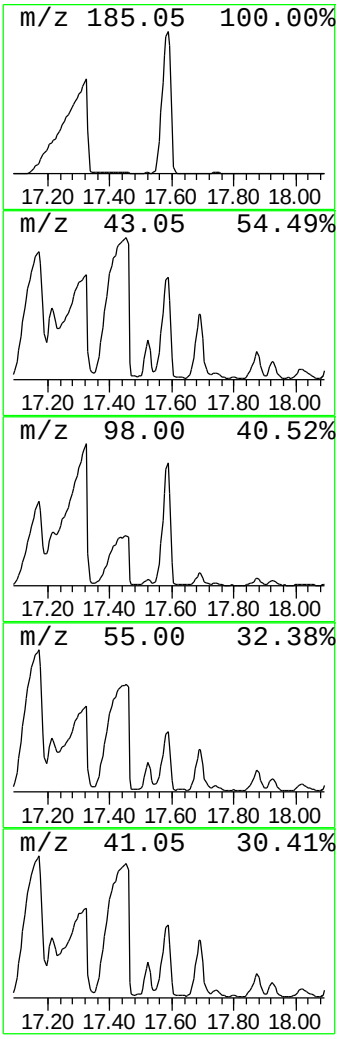
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azelaic dihydrazide	216	C9H20N4O2	004080-95-9	32
2	1-Methyl-1-n-pentyloxy-1-silacyc...	200	C11H24OSi	232270-61-0	30
3	1-(6-Chloro-2-thioxo-2,3-dihydro...	255	C11H10ClNO2S	031315-64-7	17
4	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	16
5	Phenol, 4-(phenylamino)-	185	C12H11NO	000122-37-2	16











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Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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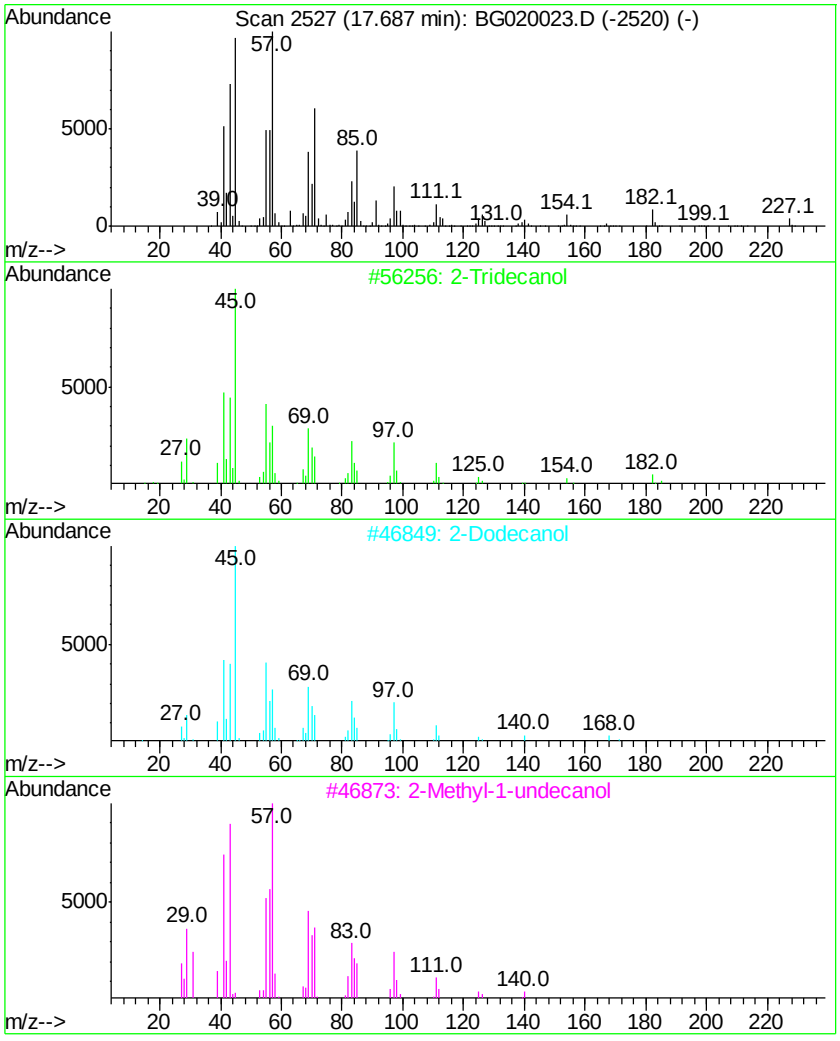
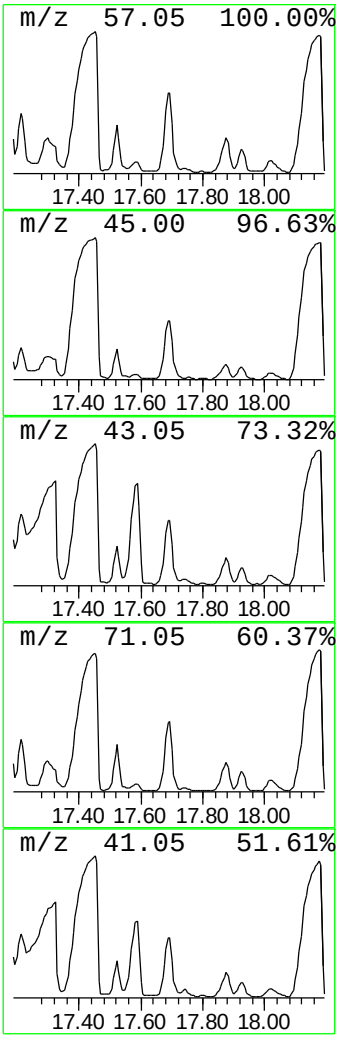
Peak Number 17 2-Tridecanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	47.83 ng	8259530	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecanol	200	C13H28O	001653-31-2	62
2	2-Dodecanol	186	C12H26O	010203-28-8	52
3	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	43
4	Dichloroacetic acid, 2-pentadecy...	338	C17H32Cl2O2	1000280-64-7	38
5	2-Tridecene, (Z)-	182	C13H26	041446-59-7	38





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ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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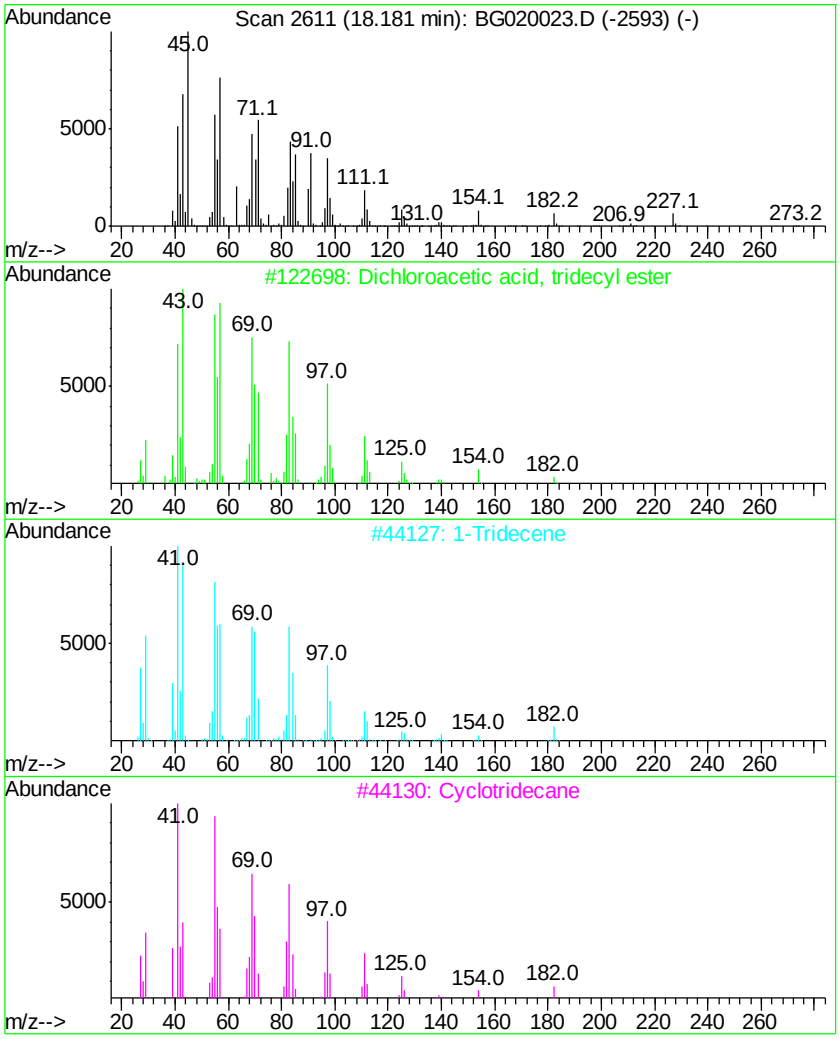
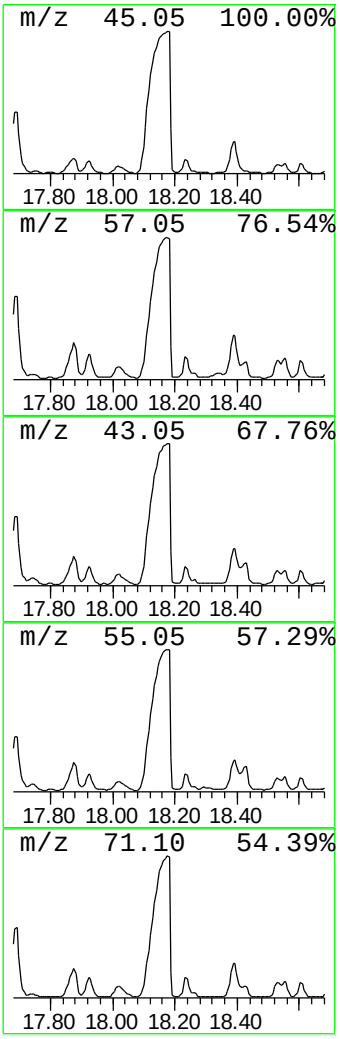
Peak Number 18 Dichloroacetic acid, tridec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	267.14 ng	46134600	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	87
2	1-Tridecene	182	C13H26	002437-56-1	80
3	Cyclotridecane	182	C13H26	000295-02-3	78
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	60
5	1-Tridecanol	200	C13H28O	000112-70-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

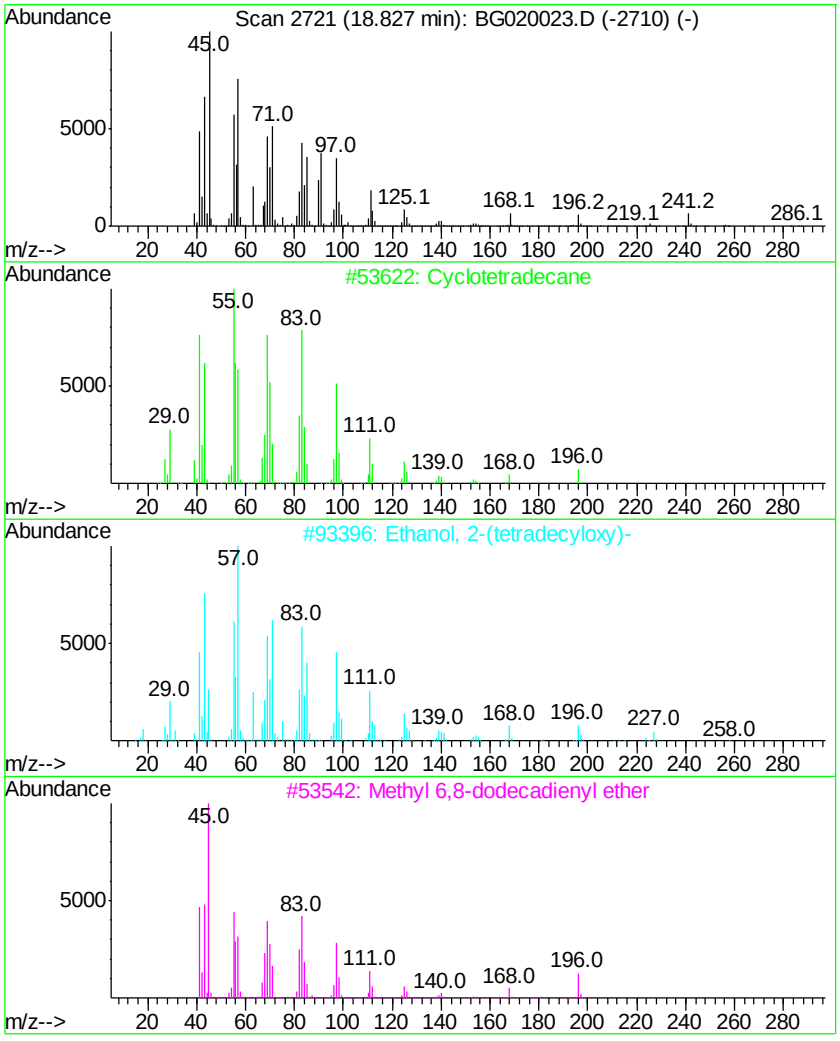
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

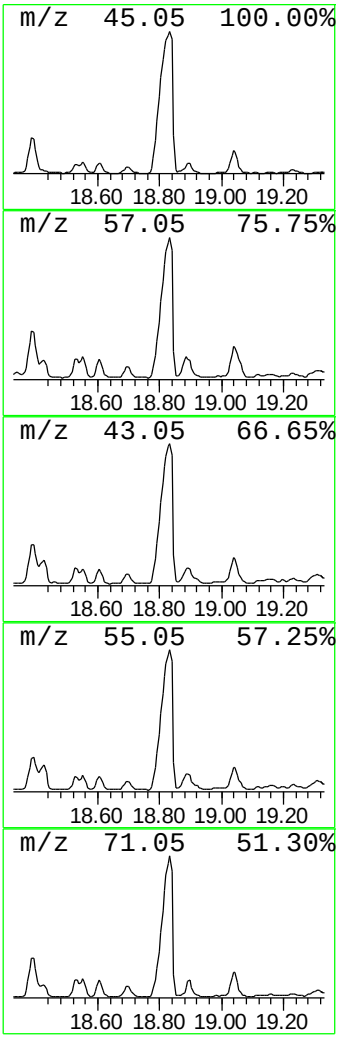
****

Peak Number 19 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	154.63 ng	26705600	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Methyl 6,8-dodecadienyl ether	196	C13H24O	1000130-99-9	89
4	Cyclododecane	168	C12H24	000294-62-2	86
5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020023.D
Acq On : 8 Dec 2015 18:19
Operator : UM/SJ
Sample : G4639-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Tetradecane	13.60	47.5	ng	17865200	3	14.77	7521700	20.0
1-Octanol, 2-butyl-	13.66	49.8	ng	18712600	3	14.77	7521700	20.0
1-Dodecanol, 2-me...	14.03	78.6	ng	29567800	3	14.77	7521700	20.0
1-Dodecanol	14.50	291.4	ng	109601000	3	14.77	7521700	20.0
Pentafluoropropio...	15.47	194.3	ng	73060700	3	14.77	7521700	20.0
2-Tetradecene, (E)-	16.37	290.9	ng	50243200	4	17.52	3454030	20.0
unknown16.52	16.52	58.3	ng	10059500	4	17.52	3454030	20.0
1-Decanol, 2-hexyl-	16.74	70.6	ng	12197600	4	17.52	3454030	20.0
3-Eicosene, (E)-	16.79	55.7	ng	9613450	4	17.52	3454030	20.0
1-Dodecene	16.91	58.8	ng	10157100	4	17.52	3454030	20.0
1-Pentadecene	17.17	232.3	ng	40109500	4	17.52	3454030	20.0
unknown17.32	17.32	139.8	ng	24150600	4	17.52	3454030	20.0
Cyclododecane	17.45	302.1	ng	52166300	4	17.52	3454030	20.0
unknown17.59	17.59	85.0	ng	14674200	4	17.52	3454030	20.0
2-Tridecanol	17.69	47.8	ng	8259530	4	17.52	3454030	20.0
Dichloroacetic ac...	18.18	267.1	ng	46134600	4	17.52	3454030	20.0
Cyclotetradecane	18.83	154.6	ng	26705600	4	17.52	3454030	20.0