LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

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-BG060616.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	2.879	3	7	28	rVB	991530	1570059	100.00%	11.147%
2	5.112	381	387	398	rBV	20638	39879	2.54%	0.283%
3	5.617	465	473	485	rBV	324183	623956	39.74%	4.430%
4	7.244	743	750	768	rBV	335102	711295	45.30%	5.050%
5	7.591	801	809	822	rBV	397910	770339	49.06%	5.469%
6	8.049	881	887	895	rBV	102617	194616	12.40%	1.382%
7	8.378	933	943	956	rBV	302223	607288	38.68%	4.312%
8	9.230	1079	1088	1106	rBV	192026	445354	28.37%	3.162%
9	10.875	1360	1368	1390	rBV	152633	343518	21.88%	2.439%
10	13.314	1775	1783	1802	rBV	729619	1301500	82.89%	9.240%
11	14.136	1917	1923	1938	rBV	106635	191953	12.23%	1.363%
12	14.559	1989	1995	2003	rBV2	10931	17586	1.12%	0.125%
13	14.695	2010	2018	2025	rBV2	273273	496140	31.60%	3.523%
14	14.747	2025	2027	2037	rVB2	9894	18104	1.15%	0.129%
15	15.505	2151	2156	2161	rVB2	25387	36058	2.30%	0.256%
16	16.187	2265	2272	2291	rBV	394286	751493	47.86%	5.335%
17	16.369	2298	2303	2310	rBV2	28503	53021	3.38%	0.376%
18	17.156	2433	2437	2441	rBV2	15335	23262	1.48%	0.165%
19	17.438	2476	2485	2489	rBV	297413	519152	33.07%	3.686%
20	17.480	2489	2492	2499	rVB	157286	257662	16.41%	1.829%
21	17.574	2504	2508	2517	rVB	17620	32918	2.10%	0.234%
22	18.314	2628	2634	2638	rBV	33419	58561	3.73%	0.416%
23	18.361	2638	2642	2650	rVB2	34959	68752	4.38%	0.488%
24	18.502	2660	2666	2670	rBV3	34377	71548	4.56%	0.508%
25	18.543	2671	2673	2679	rVB2	21969	28476	1.81%	0.202%
26	18.807	2713	2718	2722	rBV2	16365	28813	1.84%	0.205%
27	18.860	2722	2727	2735	rVB3	16900	31688	2.02%	0.225%
28	19.148	2771	2776	2784	rBV2	62638	114071	7.27%	0.810%
29	19.219	2784	2788	2793	rVV2	23734	38724	2.47%	0.275%
30	19.371	2807	2814	2824	rVB4	16361	37784	2.41%	0.268%
31	19.483	2824	2833	2841	rBV	200057	334177	21.28%	2.373%
32	19.847	2882	2895	2902	rBV	185679	361079	23.00%	2.564%
33	19.912	2902	2906	2914	rVB4	14878	25674	1.64%	0.182%
34	20.035	2921	2927	2940	rBV	1013379	1457012	92.80%	10.345%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.170	2943	2950	2958	rVB5	21098	54537	3.47%	0.387%
36	20.317	2967	2975	2977	rBV7	19231	46516	2.96%	0.330%
37	20.494	2998	3005	3009	rBV3	23434	46482	2.96%	0.330%
38	20.646	3025	3031	3034	rBV4	28430	61865	3.94%	0.439%
39	21.105	3103	3109	3118	rBV2	20039	42499	2.71%	0.302%
40	21.287	3131	3140	3141	rBV3	22198	41200	2.62%	0.293%
41	21.316	3141	3145	3151	rVV3	46836	103457	6.59%	0.735%
42	21.381	3152	3156	3163	rVV6	16729	45544	2.90%	0.323%
43	21.445	3163	3167	3174	rVB2	20039	38526	2.45%	0.274%
44	21.563	3182	3187	3194	rVB3	23624	37167	2.37%	0.264%
45	21.704	3202	3211	3217	rBV2	286175	694228	44.22%	4.929%
46	21.751	3217	3219	3227	rVB2	80054	133560	8.51%	0.948%
47	22.444	3331	3337	3343	rBV6	13723	32158	2.05%	0.228%
48	22.515	3345	3349	3354	rVB6	10463	18773	1.20%	0.133%
49	23.167	3452	3460	3475	rBV5	59454	176640	11.25%	1.254%
50	23.943	3582	3592	3599	rBV4	44697	170284	10.85%	1.209%
51	24.677	3707	3717	3728	rBV4	21412	77012	4.91%	0.547%
52	24.830	3734	3743	3752	rBV2	28619	90806	5.78%	0.645%
53	24.988	3759	3770	3791	rBV2	134001	488557	31.12%	3.469%
54	28.749	4400	4410	4411	rBV9	10065	23558	1.50%	0.167%

Sum of corrected areas: 14084881

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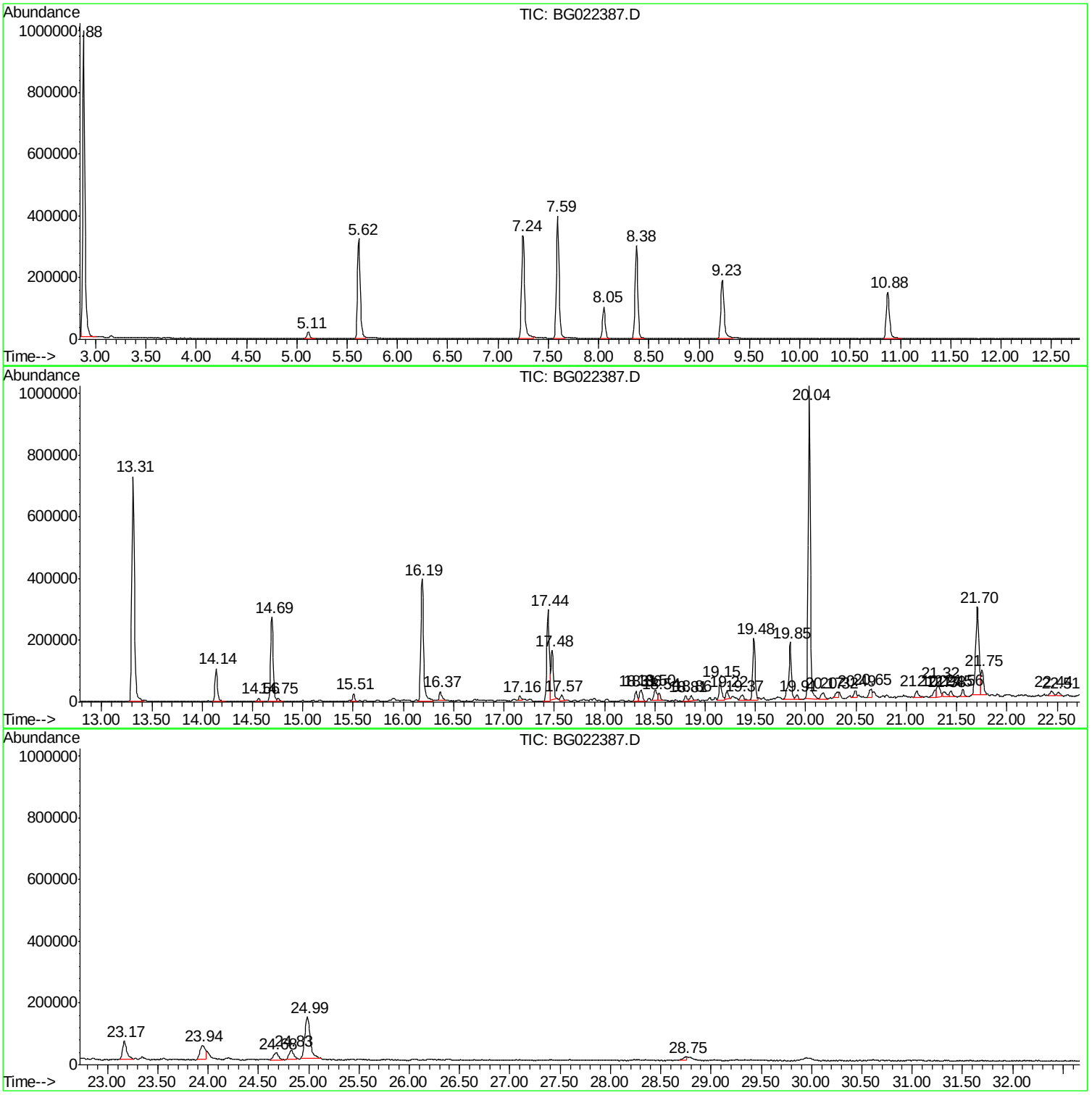
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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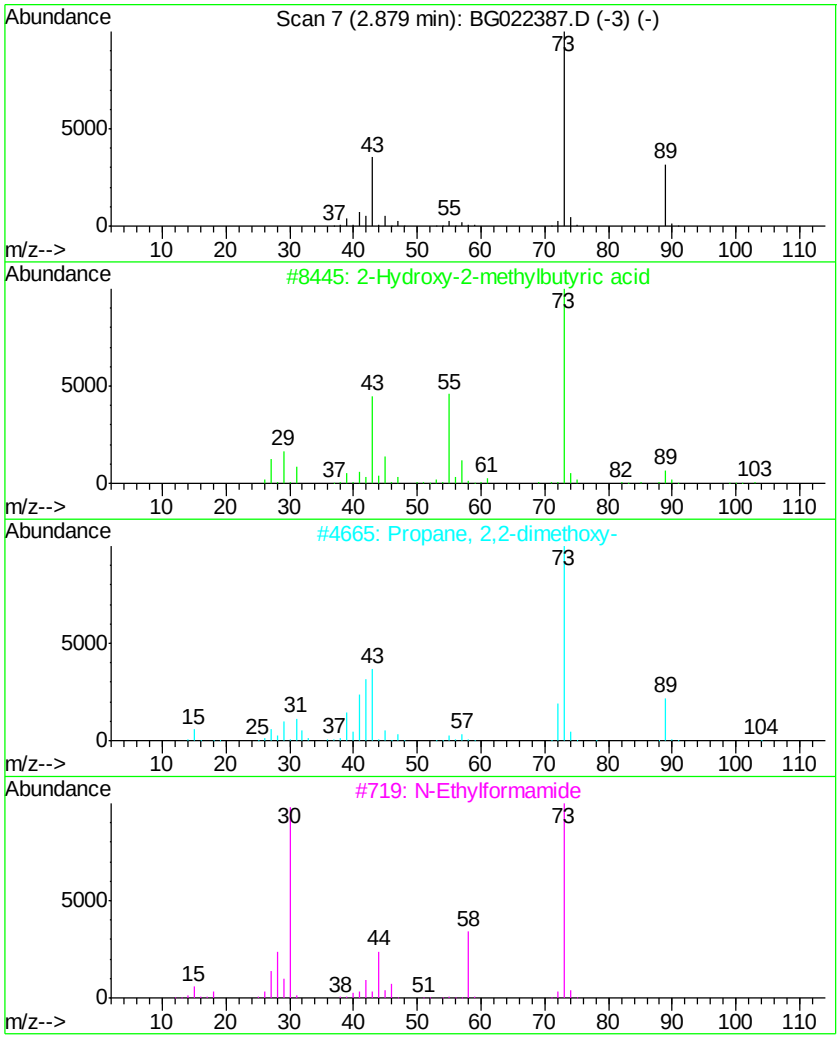
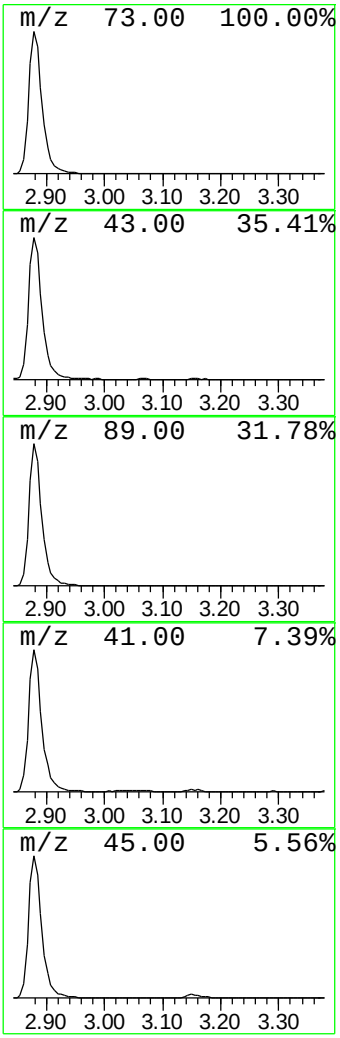
Peak Number 1 unknown2.88 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	161.35 ng	1570060	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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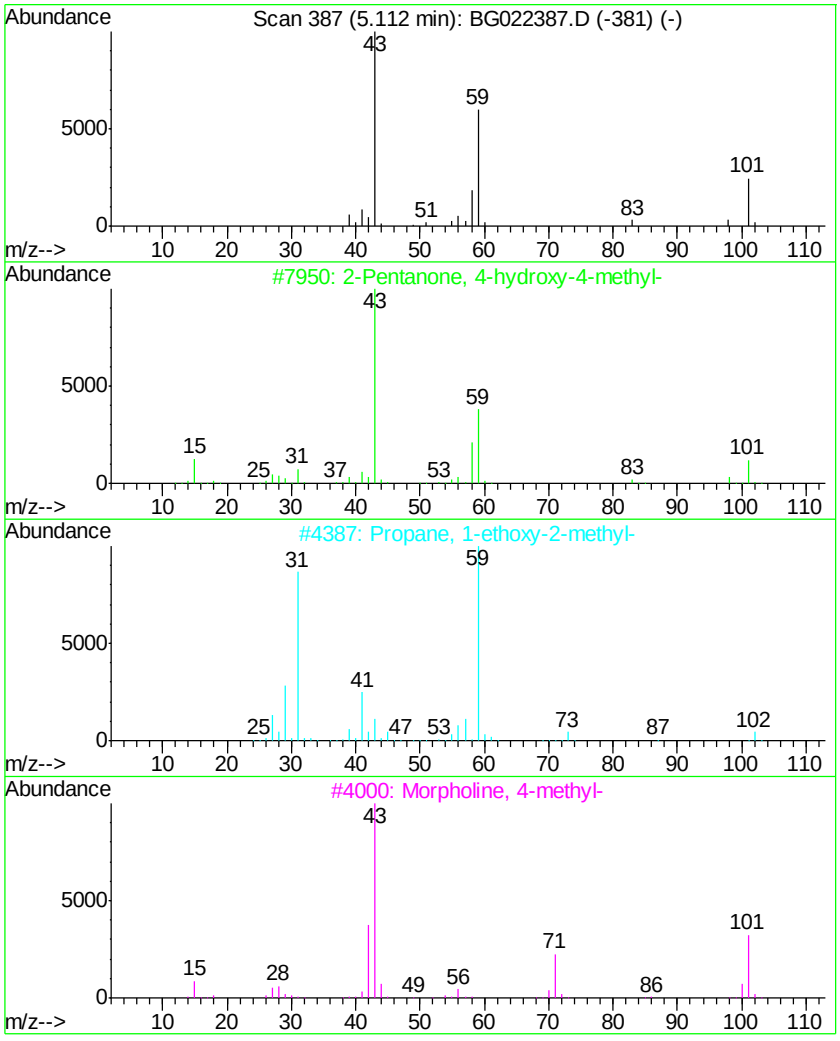
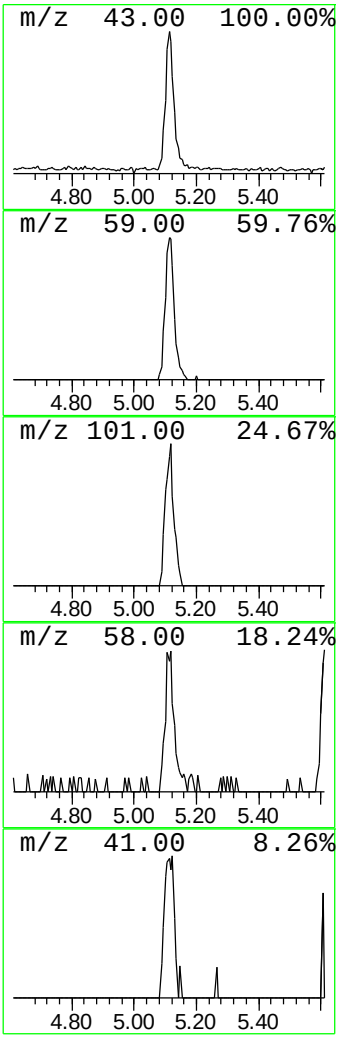
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	4.10 ng	39879	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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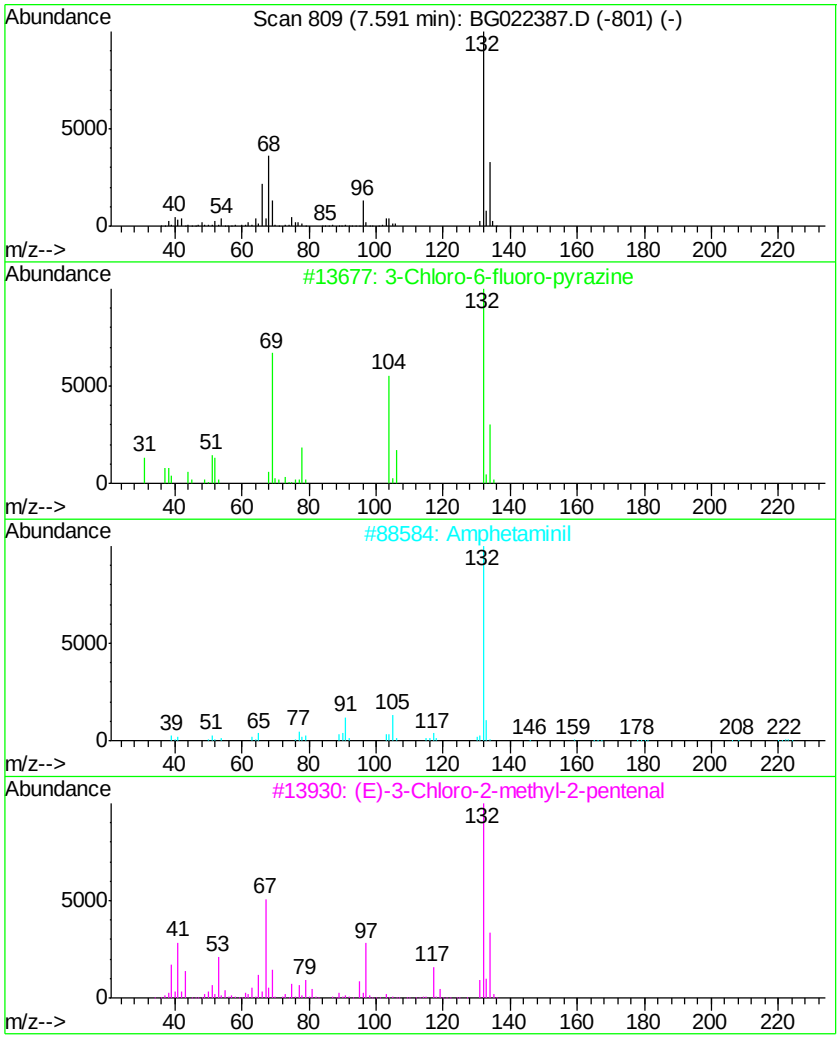
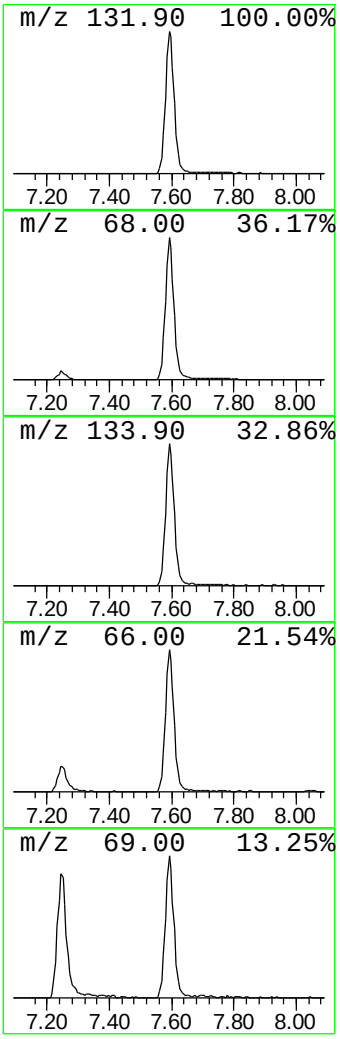
Peak Number 3 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	79.17 ng	770339	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
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Acq On : 17 Jun 2016 5:00
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Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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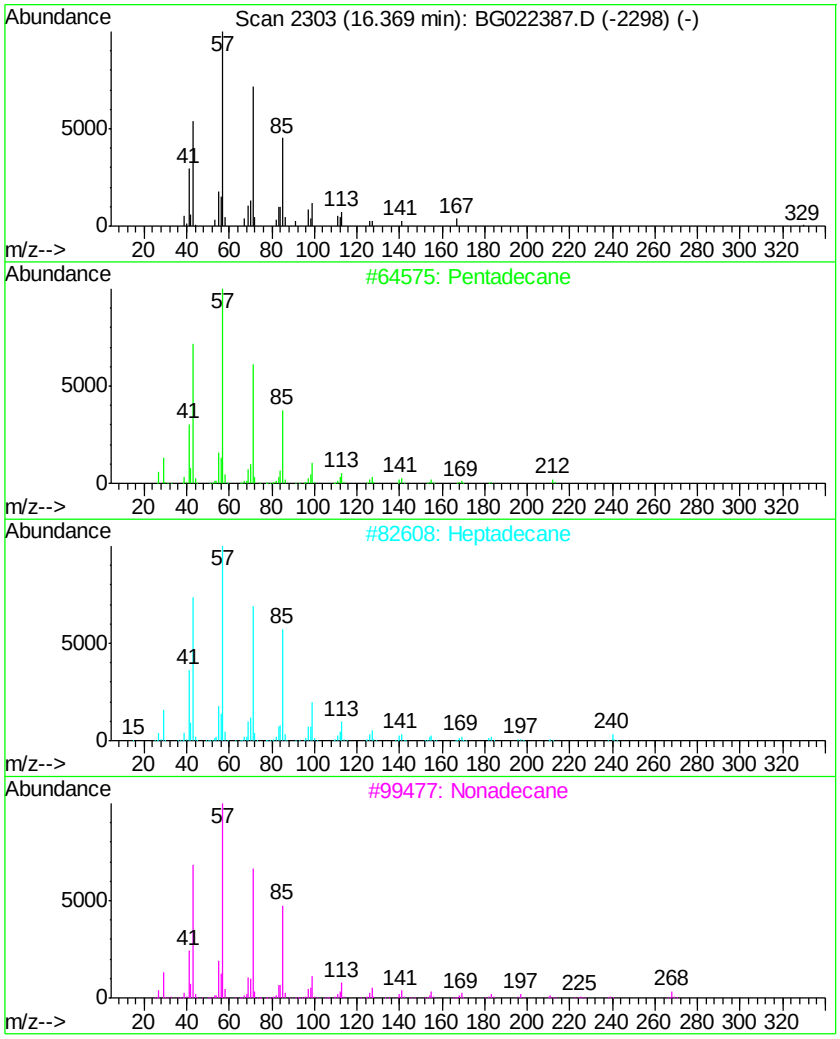
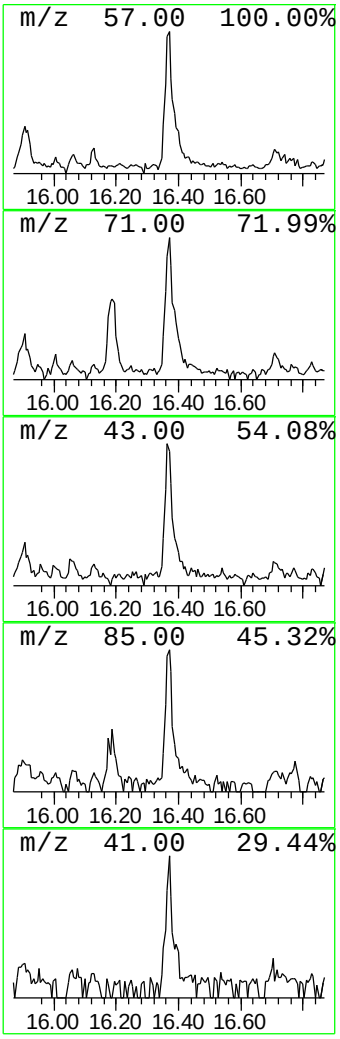
Peak Number 5 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.04 ng	53021	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5	Hexadecane	226	C16H34	000544-76-3	78





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Sample : H3569-11
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Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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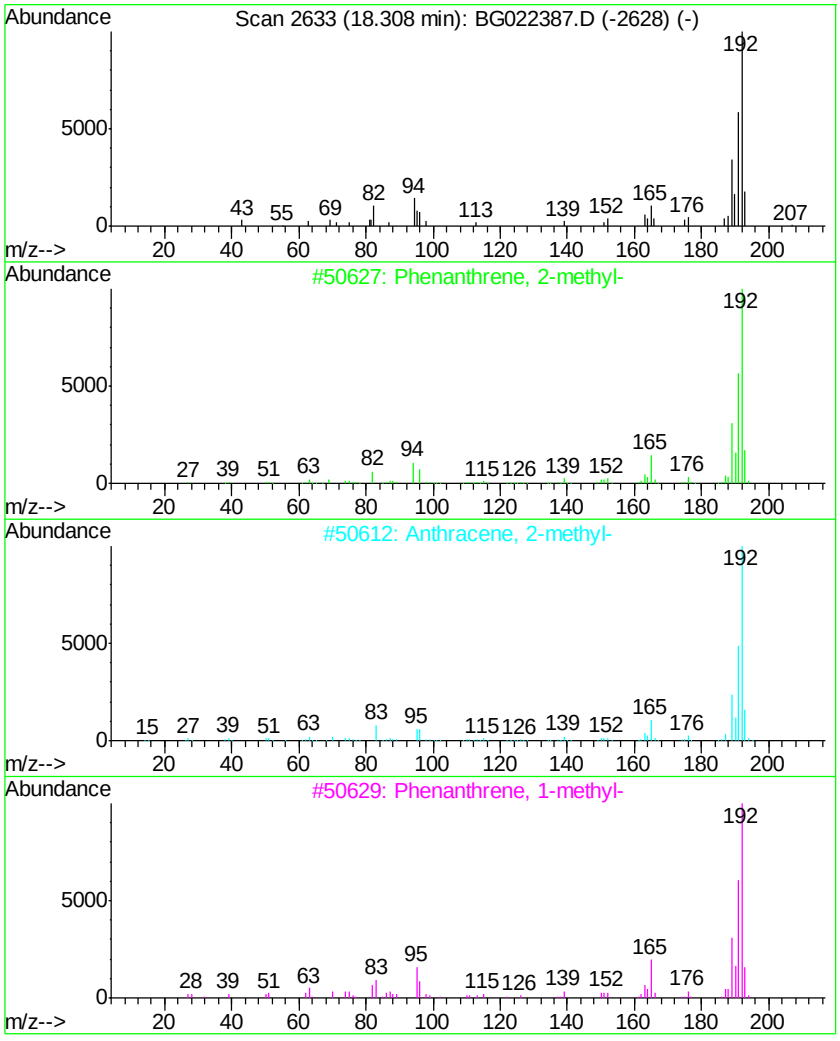
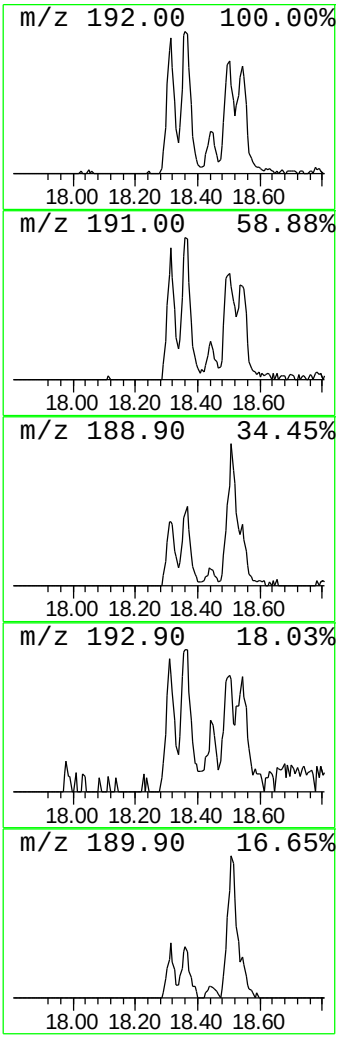
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.26 ng	58561	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





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Instrument : BNA_G
ClientSampleId : SB-03-COMP

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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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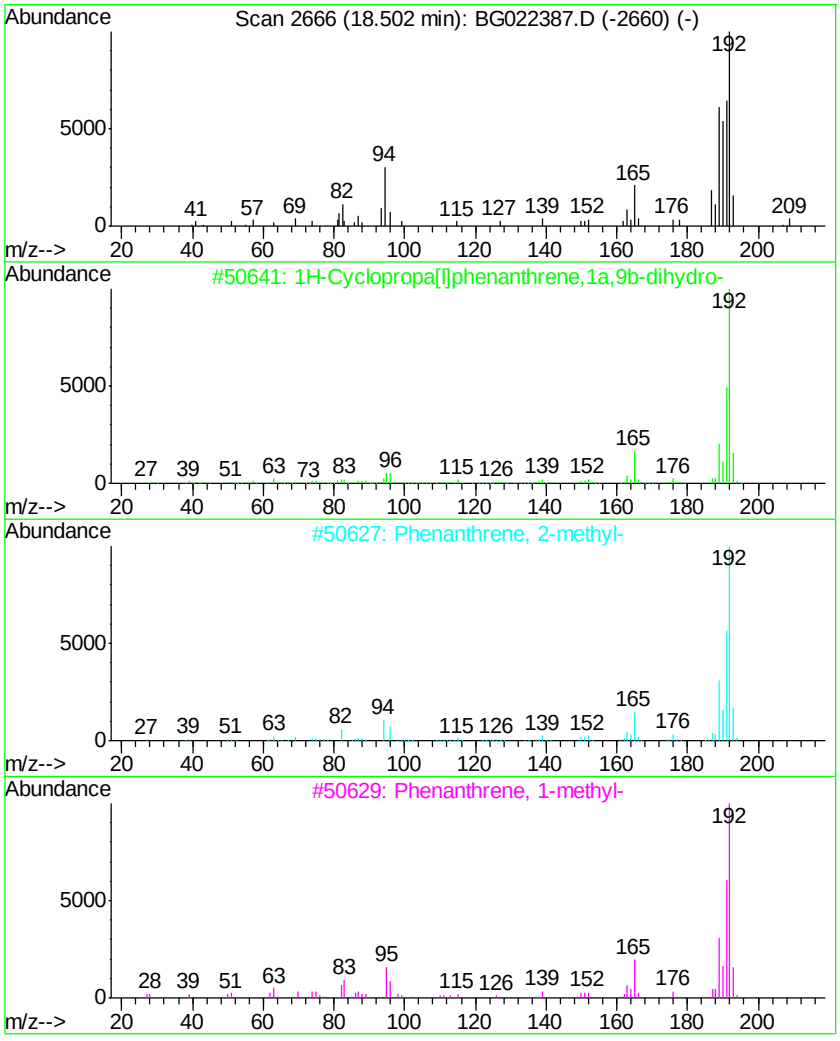
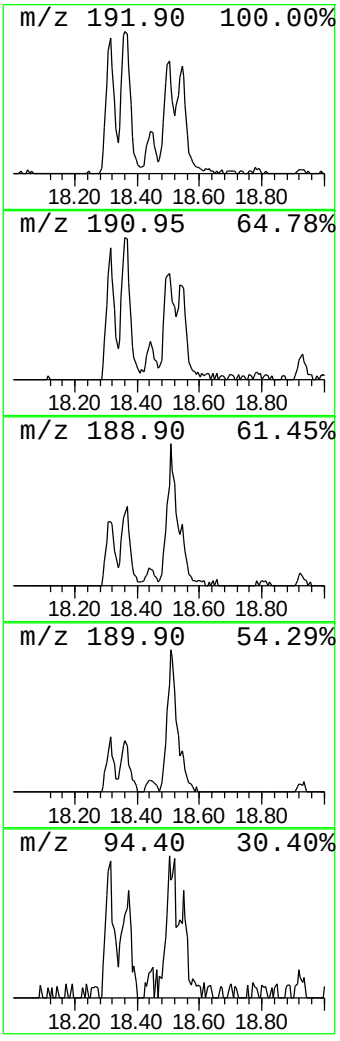
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.76 ng	71548	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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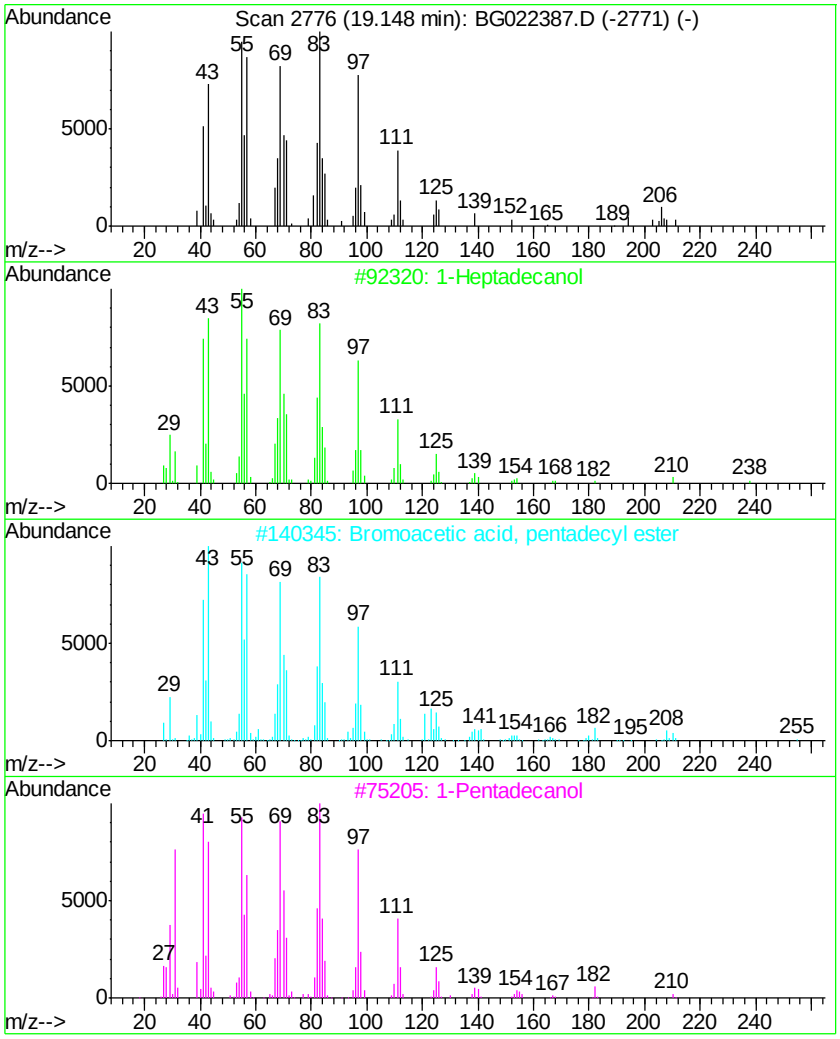
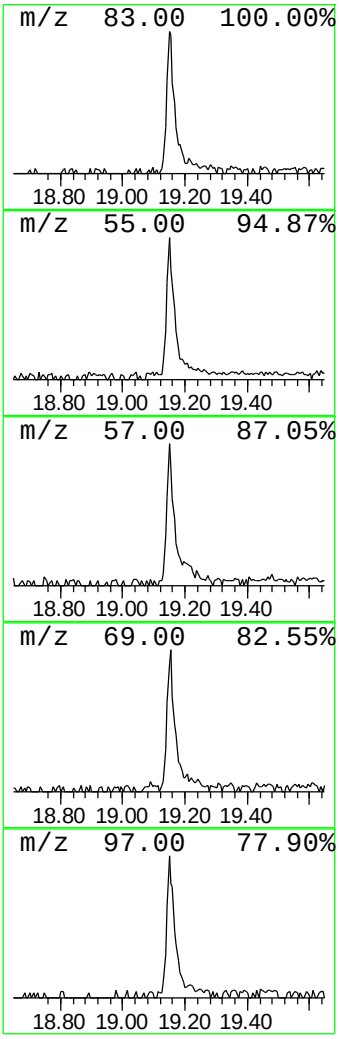
Peak Number 9 1-Heptadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	4.39 ng	114071	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	95
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
3	1-Pentadecanol	228	C15H32O	000629-76-5	91
4	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
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Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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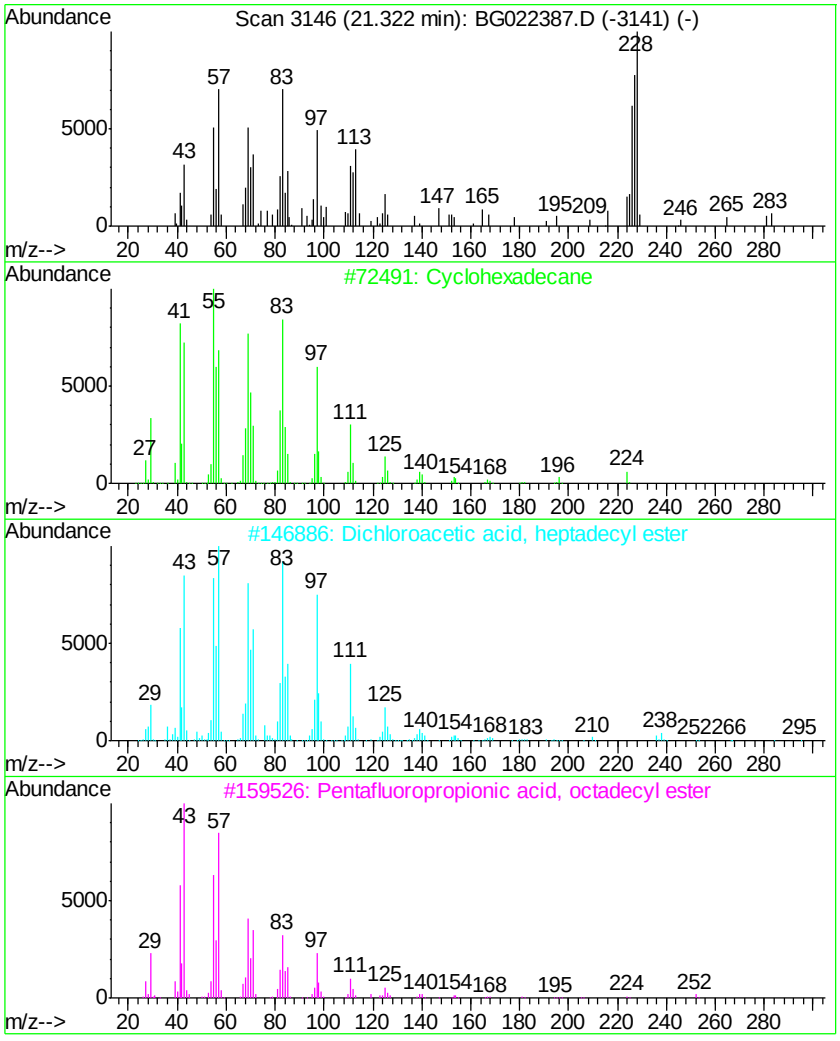
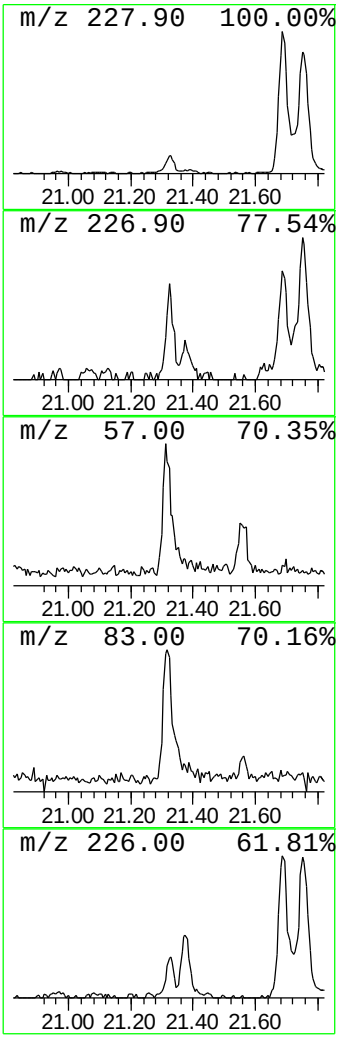
Peak Number 10 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.98 ng	103457	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	70
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	60
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	53
4	17-Pentatriacontene	491	C35H70	006971-40-0	53
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

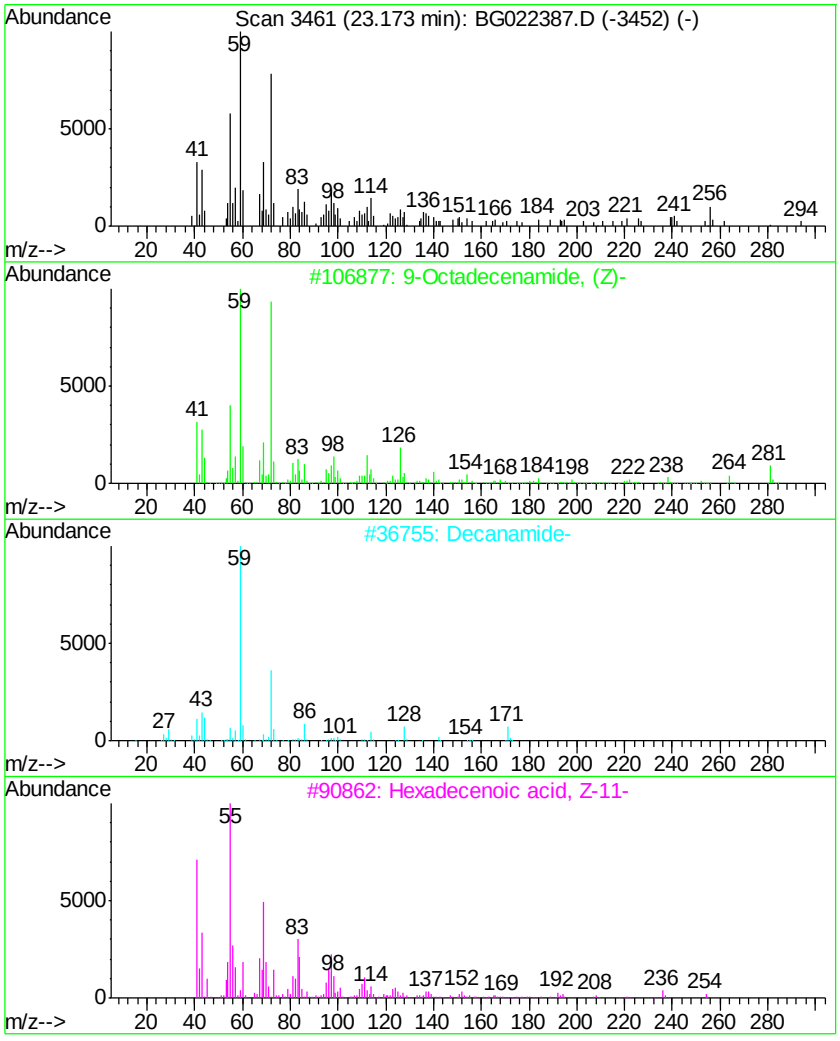
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

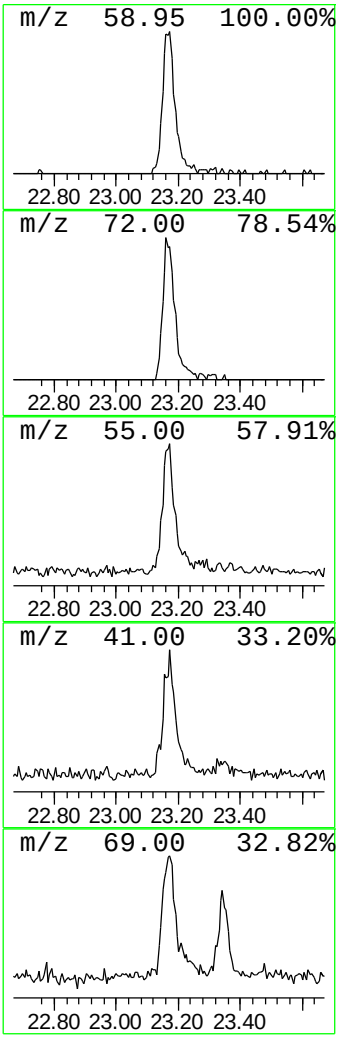
****

Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	5.09 ng	176640	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
2	Decanamide-	171	C10H21NO	002319-29-1	53
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	44
4	Tetradecanamide	227	C14H29NO	000638-58-4	38
5	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown2.88	2.88	161.3	ng	1570060	1	8.05	194616	20.0
2-Pentanone, 4-hy...	5.11	4.1	ng	39879	1	8.05	194616	20.0
unknown7.59	7.59	79.2	ng	770339	1	8.05	194616	20.0
Pentadecane	16.37	2.0	ng	53021	4	17.44	519152	20.0
Phenanthrene, 2-m...	18.31	2.3	ng	58561	4	17.44	519152	20.0
1H-Cyclopropa[l]p...	18.50	2.8	ng	71548	4	17.44	519152	20.0
1-Heptadecanol	19.15	4.4	ng	114071	4	17.44	519152	20.0
Cyclohexadecane	21.32	3.0	ng	103457	5	21.71	694228	20.0
9-Octadecenamide,...	23.17	5.1	ng	176640	5	21.71	694228	20.0