LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

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_F\METHODS\8270-BF101316.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	5.046	235	237	244	rBV	158636	254821	8.52%	0.475%
2	5.468	272	274	281	rBV	730433	823511	27.53%	1.534%
3	6.509	362	365	369	rBV	898752	1010216	33.77%	1.881%
4	6.577	369	371	374	rVB3	41635	63121	2.11%	0.118%
5	6.646	374	377	379	rBV	924465	978469	32.71%	1.822%
6	6.874	395	397	400	rBV	1125805	1242208	41.52%	2.313%
7	7.034	409	411	413	rBV	815147	751710	25.13%	1.400%
8	7.160	419	422	424	rBV	38649	69378	2.32%	0.129%
9	7.251	427	430	438	rVV2	104424	260706	8.71%	0.486%
10	7.434	444	446	449	rBV	345021	495362	16.56%	0.922%
11	7.674	465	467	470	rVB3	39638	69009	2.31%	0.129%
12	7.914	482	488	491	rBV	215416	368295	12.31%	0.686%
13	8.166	507	510	512	rBV	2050544	1937553	64.77%	3.608%
14	8.463	532	536	537	rBV3	46998	96561	3.23%	0.180%
15	8.520	539	541	545	rBV2	261039	457512	15.29%	0.852%
16	8.589	545	547	548	rBV2	119524	148109	4.95%	0.276%
17	8.714	552	558	560	rBV6	53515	157913	5.28%	0.294%
18	8.760	560	562	563	rBV	221613	183738	6.14%	0.342%
19	8.817	563	567	568	rBV4	46898	82308	2.75%	0.153%
20	8.932	574	577	580	rBV2	196404	435403	14.55%	0.811%
21	8.989	580	582	586	rVB4	85403	122291	4.09%	0.228%
22	9.092	589	591	592	rBV	233026	286375	9.57%	0.533%
23	9.126	592	594	595	rBV2	45504	59050	1.97%	0.110%
24	9.160	595	597	598	rBV2	116114	128181	4.28%	0.239%
25	9.195	598	600	602	rVB3	201967	248857	8.32%	0.463%
26	9.240	602	604	607	rBV	1145899	1020724	34.12%	1.901%
27	9.320	609	611	614	rBV	589704	998823	33.39%	1.860%
28	9.389	614	617	619	rBV3	162099	390660	13.06%	0.728%
29	9.446	620	622	624	rBV3	121805	138933	4.64%	0.259%
30	9.515	626	628	630	rBV2	172708	226895	7.58%	0.423%
31	9.583	632	634	637	rBV3	290788	509607	17.04%	0.949%
32	9.629	637	638	641	rBV3	990103	1513152	50.58%	2.818%
33	9.789	650	652	655	rBV4	519959	998150	33.37%	1.859%
34	9.835	655	656	657	rVV	770760	601490	20.11%	1.120%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

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_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.926	660	664	665	rVV	2005994	2468647	82.52%	4.597%
36	9.960	665	667	671	rVV5	359108	624595	20.88%	1.163%
37	10.029	671	673	675	rBV2	287043	397016	13.27%	0.739%
38	10.120	679	681	684	rBV4	254492	483270	16.15%	0.900%
39	10.246	690	692	695	rBV2	527977	1091381	36.48%	2.032%
40	10.326	698	699	701	rVV	397861	684194	22.87%	1.274%
41	10.360	701	702	703	rVB	1060484	760564	25.42%	1.416%
42	10.463	709	711	712	rBV2	425617	517927	17.31%	0.965%
43	10.635	724	726	728	rBV3	389645	661151	22.10%	1.231%
44	10.715	731	733	735	rVV2	841844	900552	30.10%	1.677%
45	10.749	735	736	739	rVB2	611870	819530	27.40%	1.526%
46	10.840	742	744	747	rVB2	1376488	2295472	76.73%	4.275%
47	10.920	749	751	752	rBV	510140	640594	21.41%	1.193%
48	11.058	761	763	764	rBV	542125	673936	22.53%	1.255%
49	11.286	781	783	784	rVB	982501	747331	24.98%	1.392%
50	11.320	784	786	788	rVB2	818381	1259557	42.10%	2.346%
51	11.412	792	794	798	rBV2	1313815	2398833	80.19%	4.467%
52	11.709	818	820	822	rBV	916976	1003162	33.53%	1.868%
53	11.983	843	844	845	rVB	1310770	899188	30.06%	1.675%
54	12.029	846	848	852	rVB	1156507	2007992	67.12%	3.739%
55	12.121	854	856	858	rBV	1383821	1290784	43.15%	2.404%
56	12.155	858	859	861	rVB	737478	558220	18.66%	1.040%
57	12.475	885	887	889	rBV2	1725953	2991499	100.00%	5.571%
58	12.635	900	901	902	rBV	635796	440660	14.73%	0.821%
59	12.886	921	923	925	rVB	1301054	1504288	50.29%	2.801%
60	12.921	925	926	928	rVB	1163531	1176683	39.33%	2.191%
61	13.001	932	933	937	rVB	1233720	1634377	54.63%	3.044%
62	13.241	952	954	957	rVB2	609527	836909	27.98%	1.559%
63	14.064	1023	1026	1030	rVB3	1255002	2043083	68.30%	3.805%
64	15.504	1150	1152	1162	rVB	790986	1848700	61.80%	3.443%
65	16.189	1210	1212	1222	rVB4	280218	909017	30.39%	1.693%

Sum of corrected areas: 53698203

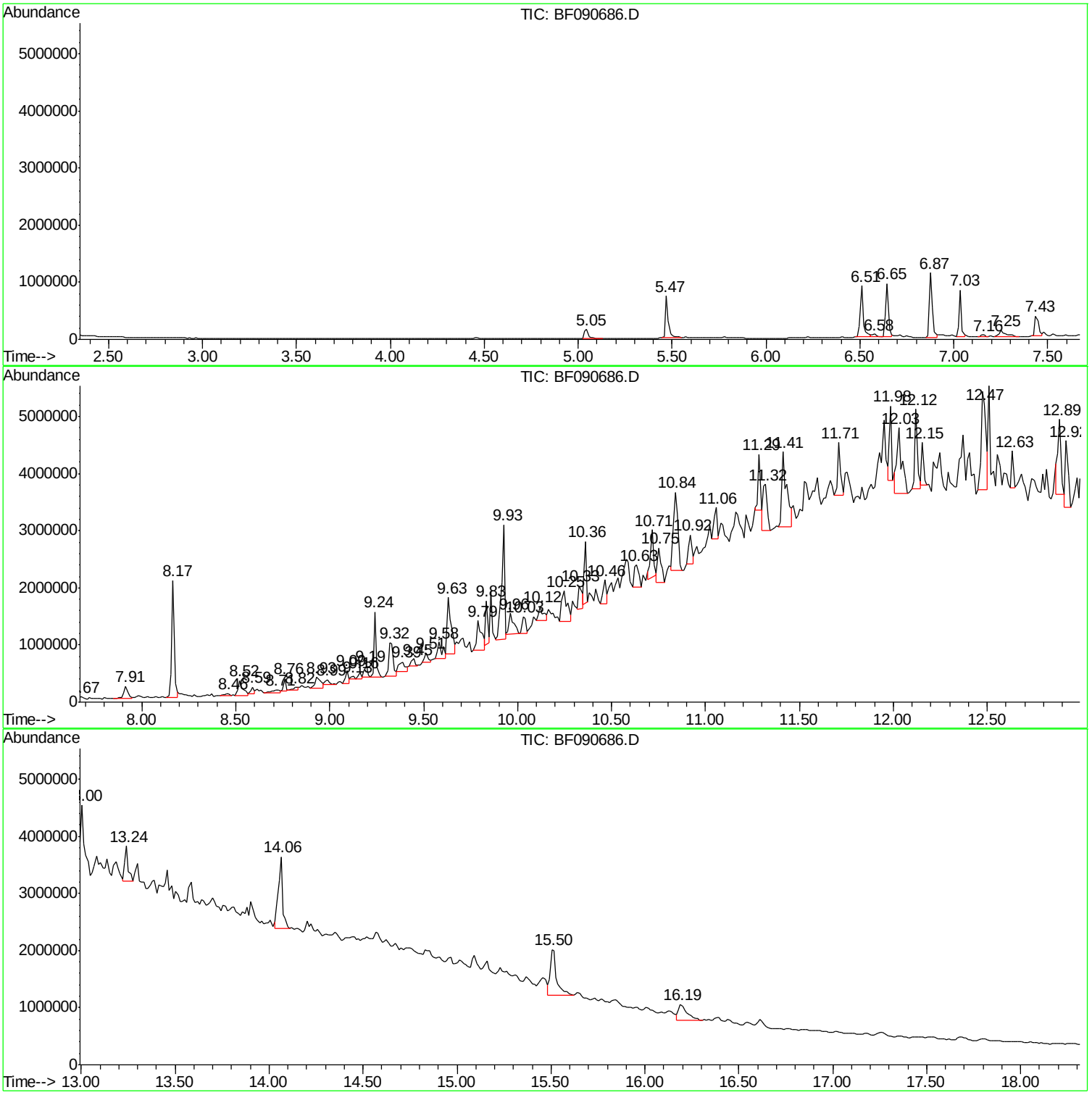
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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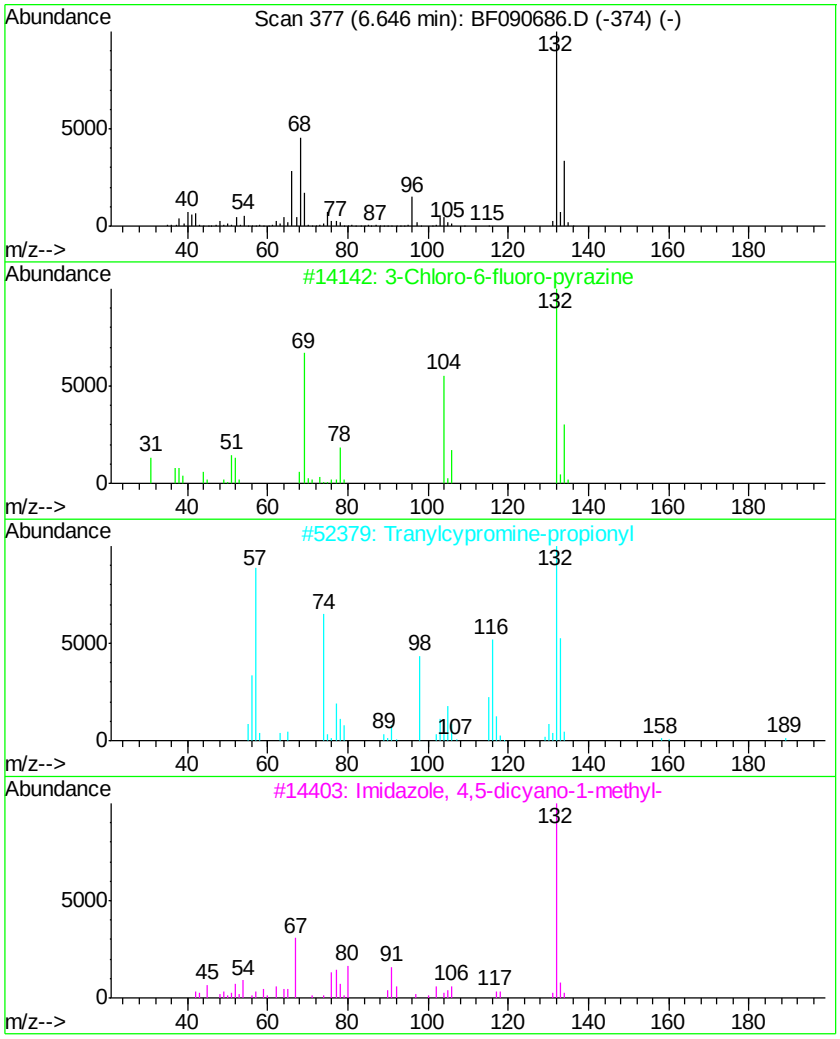
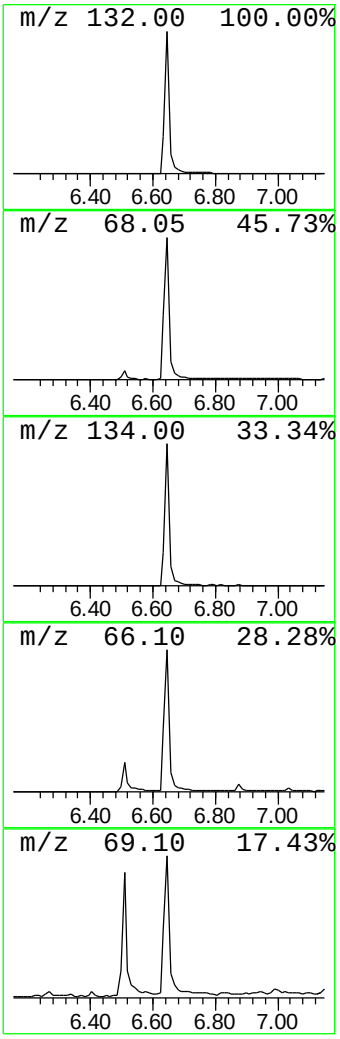
Peak Number 1 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	15.75 ng	978469	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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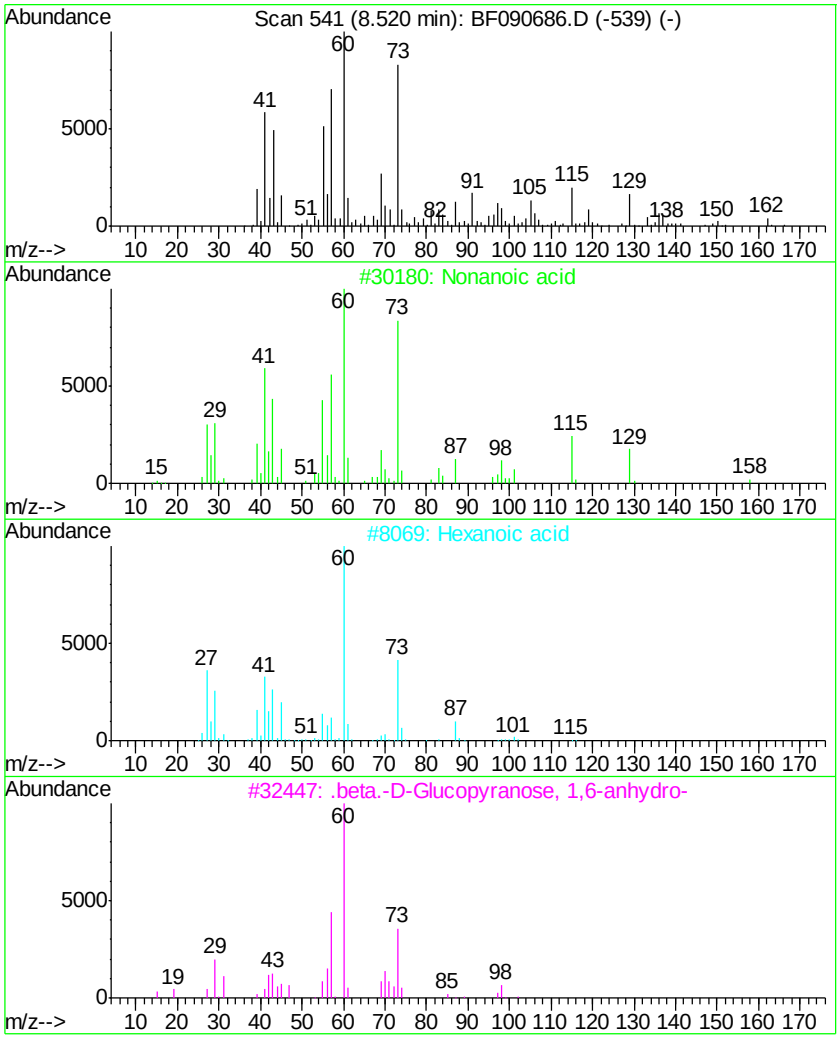
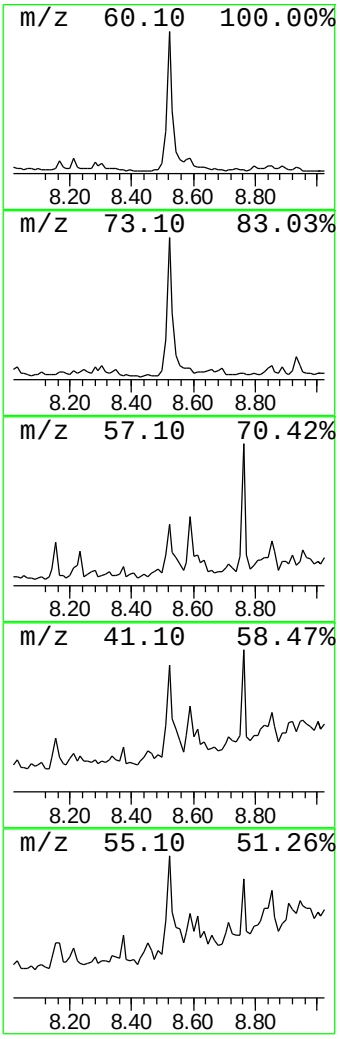
Peak Number 3 Nonanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	4.72 ng	457512	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	86
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	50
4	Heptanoic acid	130	C7H14O2	000111-14-8	49
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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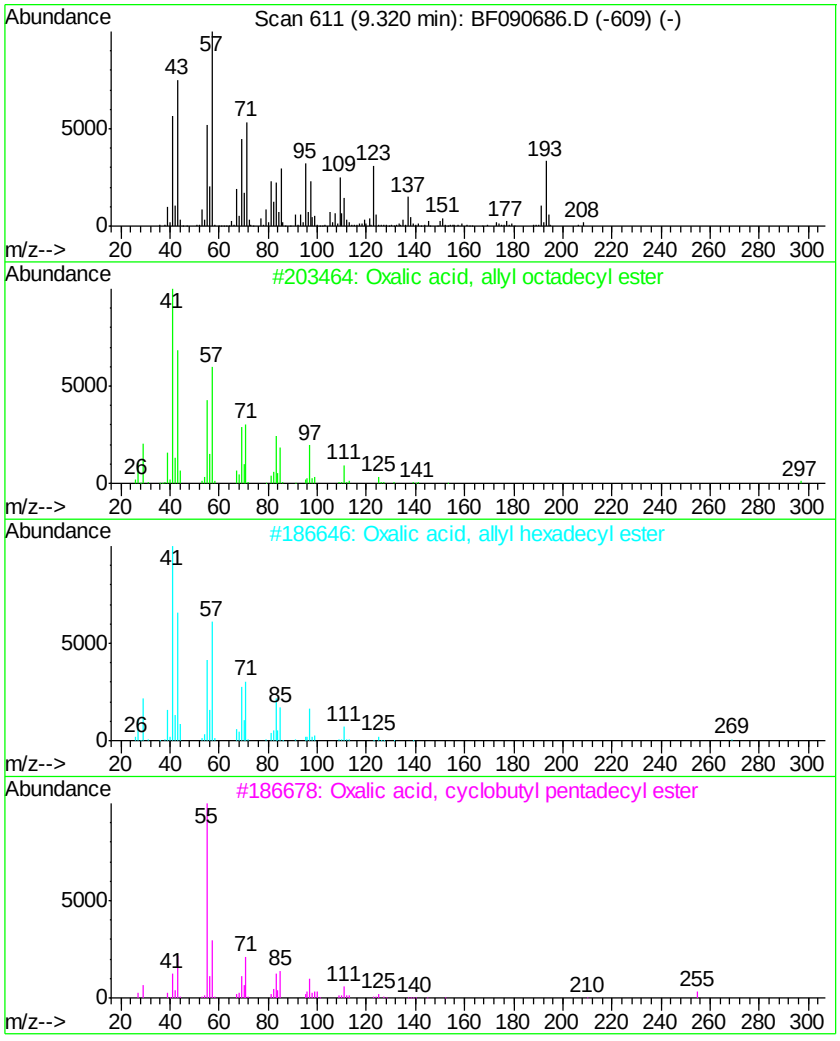
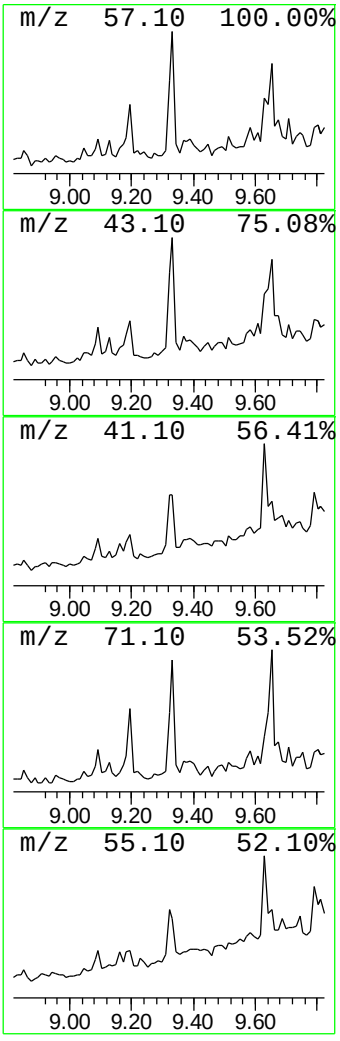
Peak Number 4 unknown9.32 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	8.09 ng	998823	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	38
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	38
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	35
4	Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	22
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	20





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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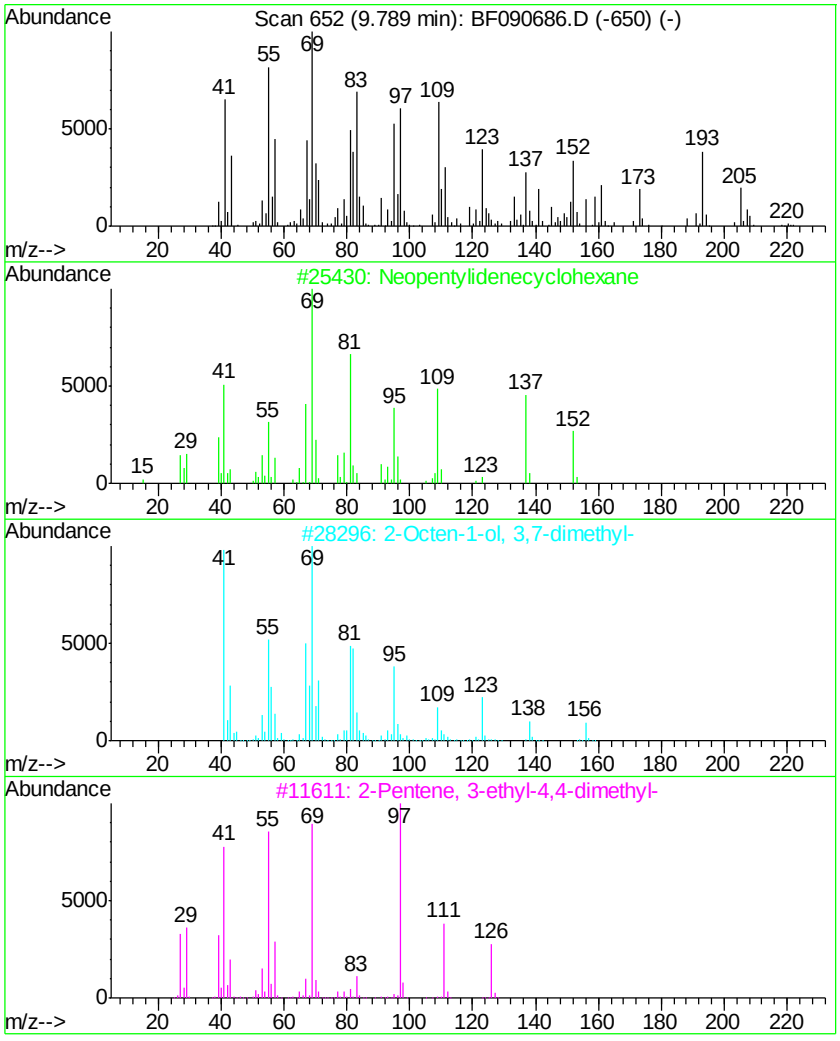
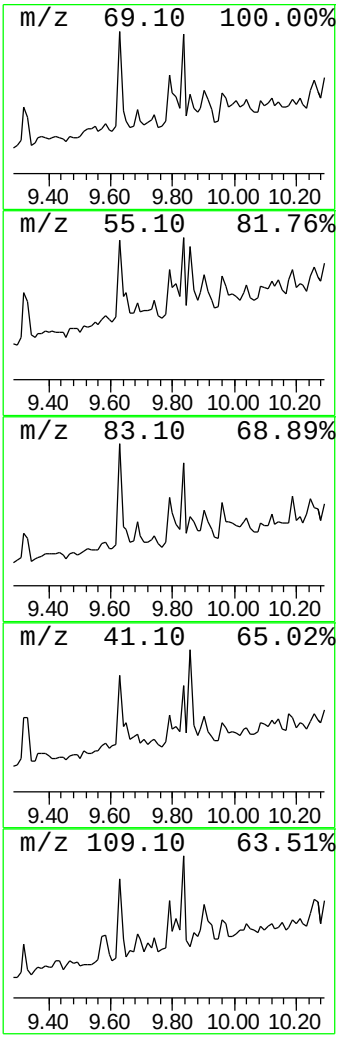
Peak Number 5 unknown9.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	8.09 ng	998150	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	43
2	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	25
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
4	1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-19-0	22
5	1,2-Dodecanediol	202	C12H26O2	001119-87-5	22





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Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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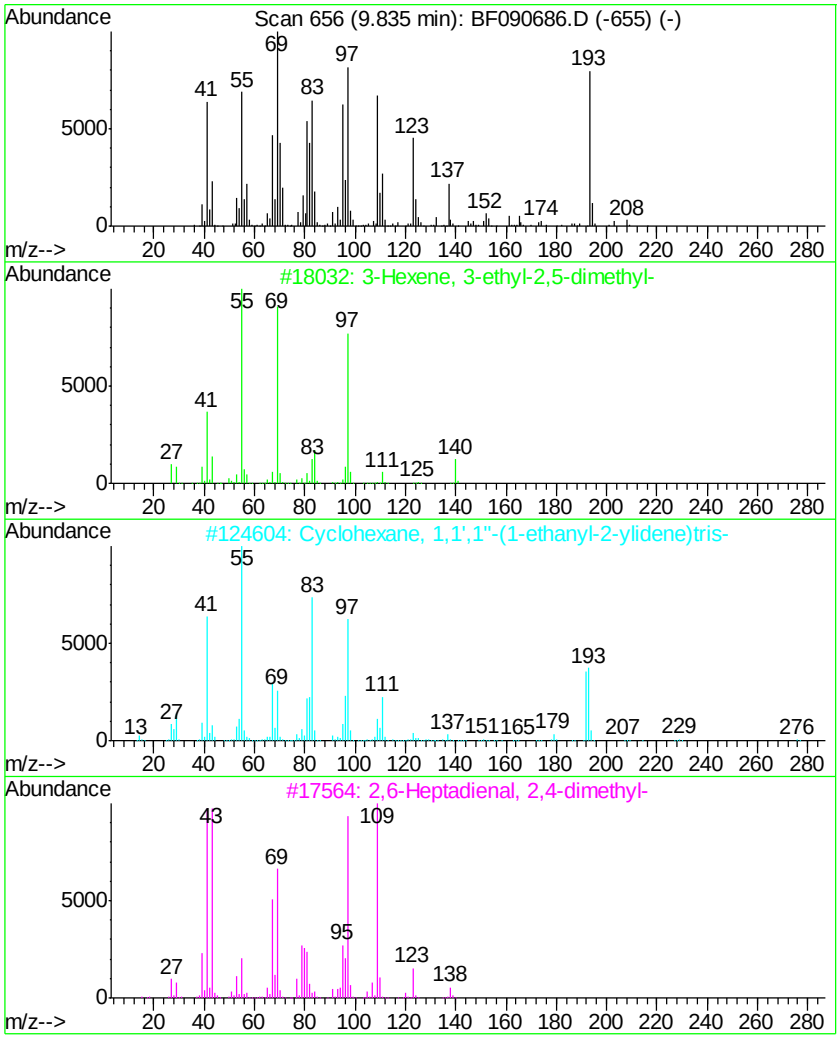
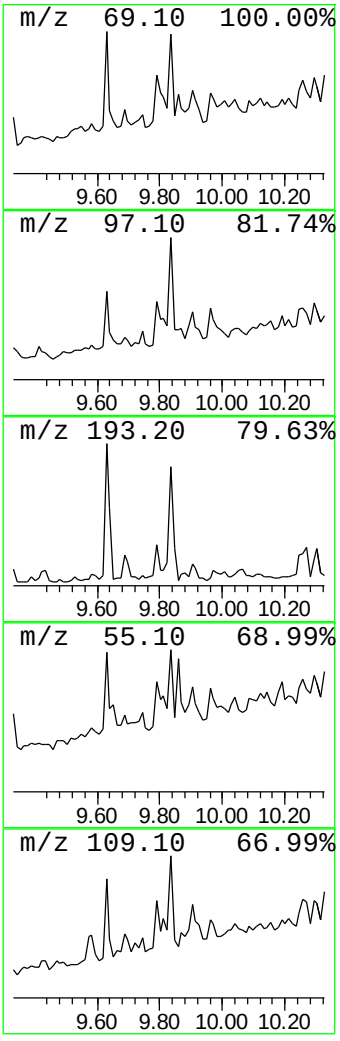
Peak Number 6 unknown9.83 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.87 ng	601490	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	27
2	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	27
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
5	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
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Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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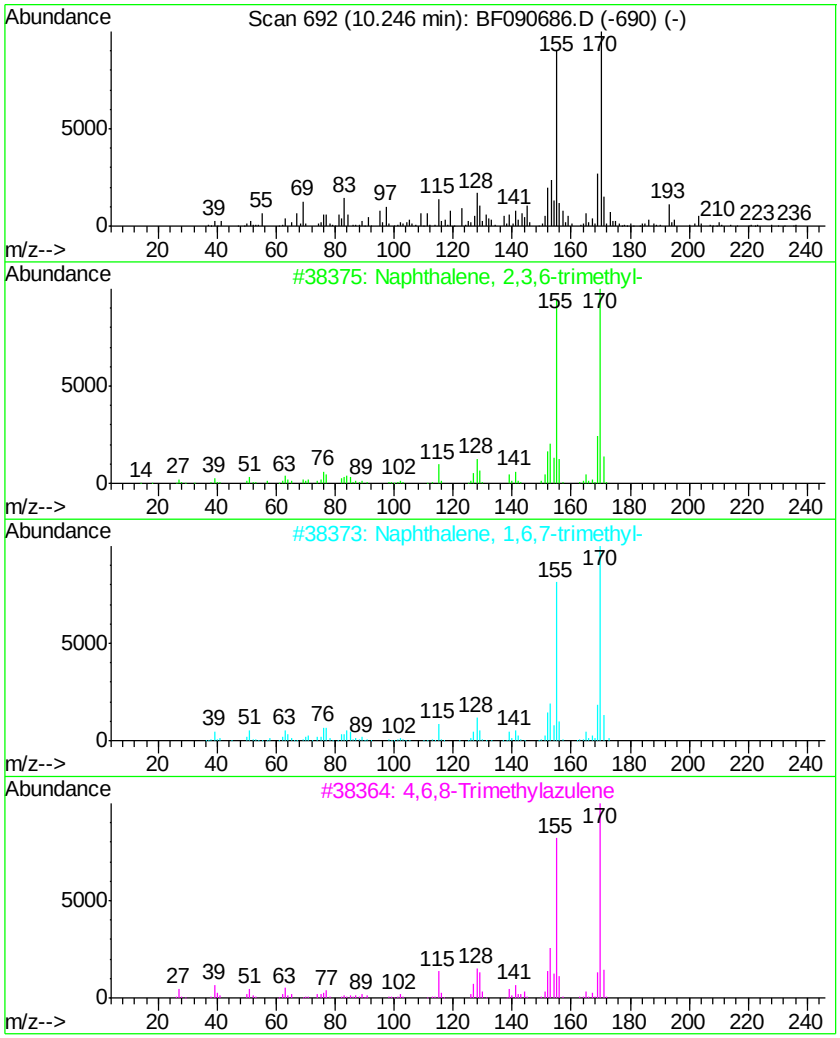
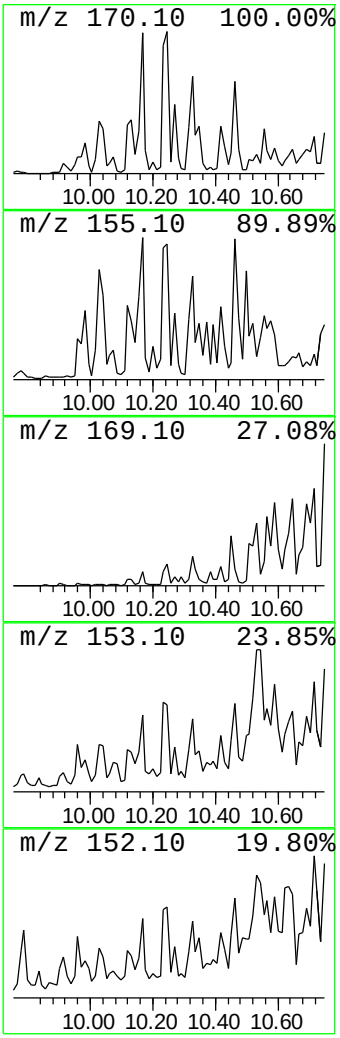
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	8.84 ng	1091380	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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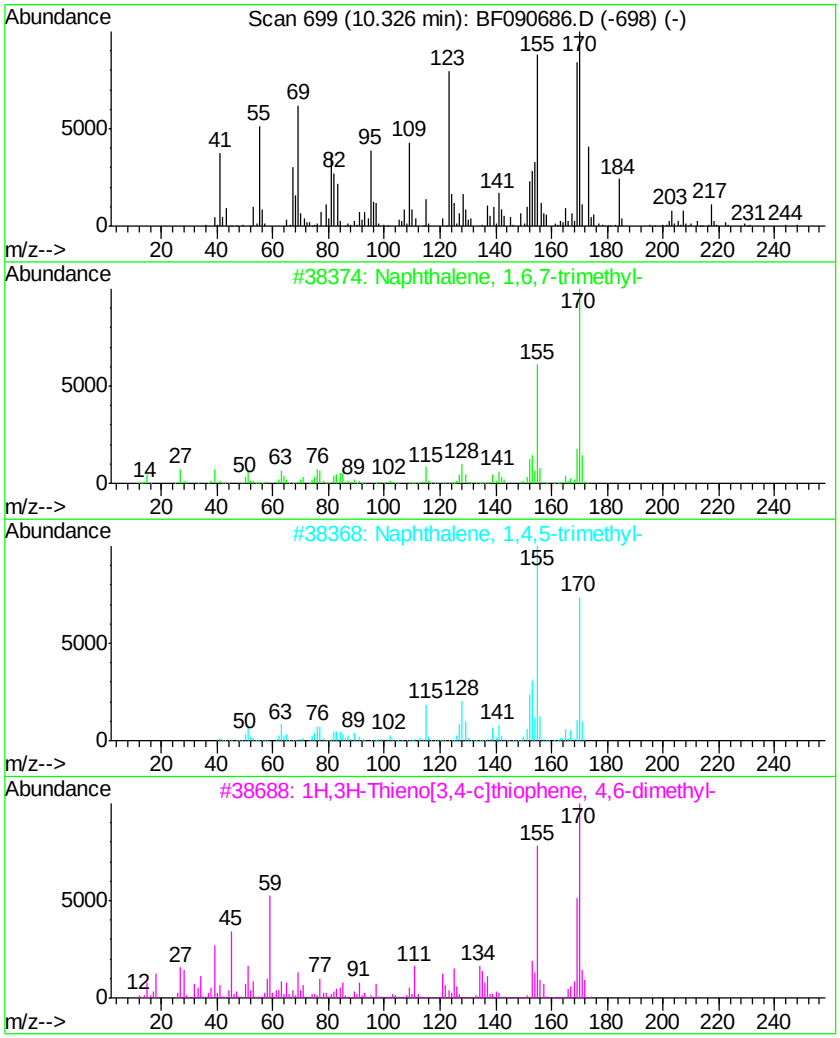
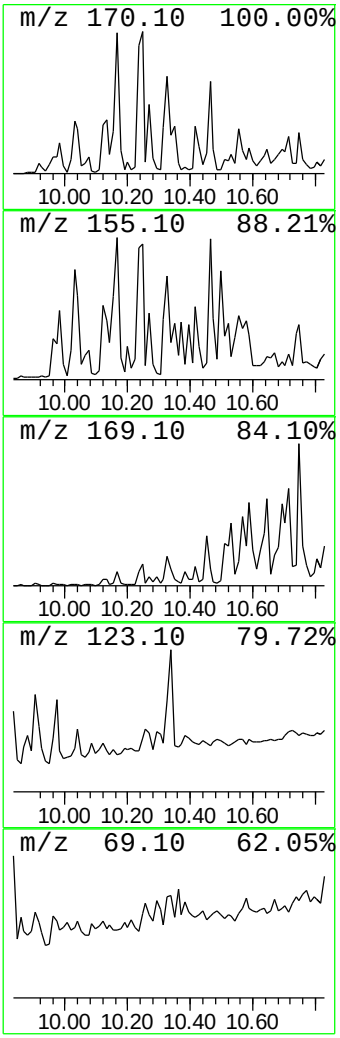
Peak Number 8 unknown10.33 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.54 ng	684194	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
3	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	38
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
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Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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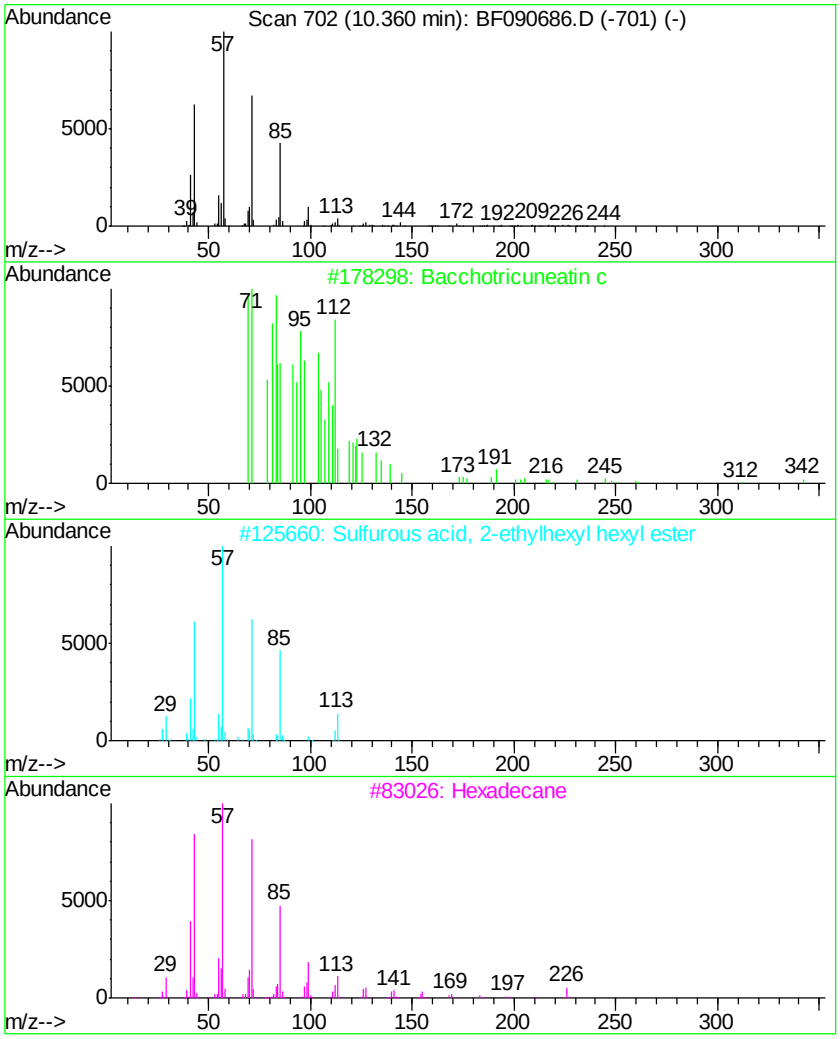
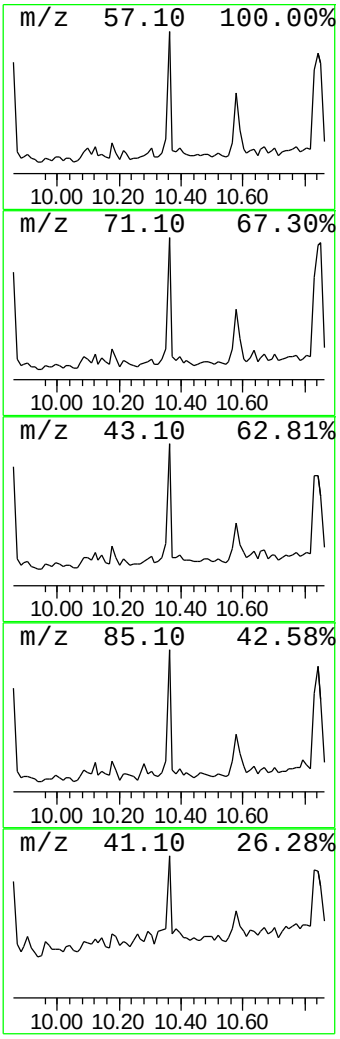
Peak Number 9 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	6.16 ng	760564	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3	Hexadecane	226	C16H34	000544-76-3	76
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58





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Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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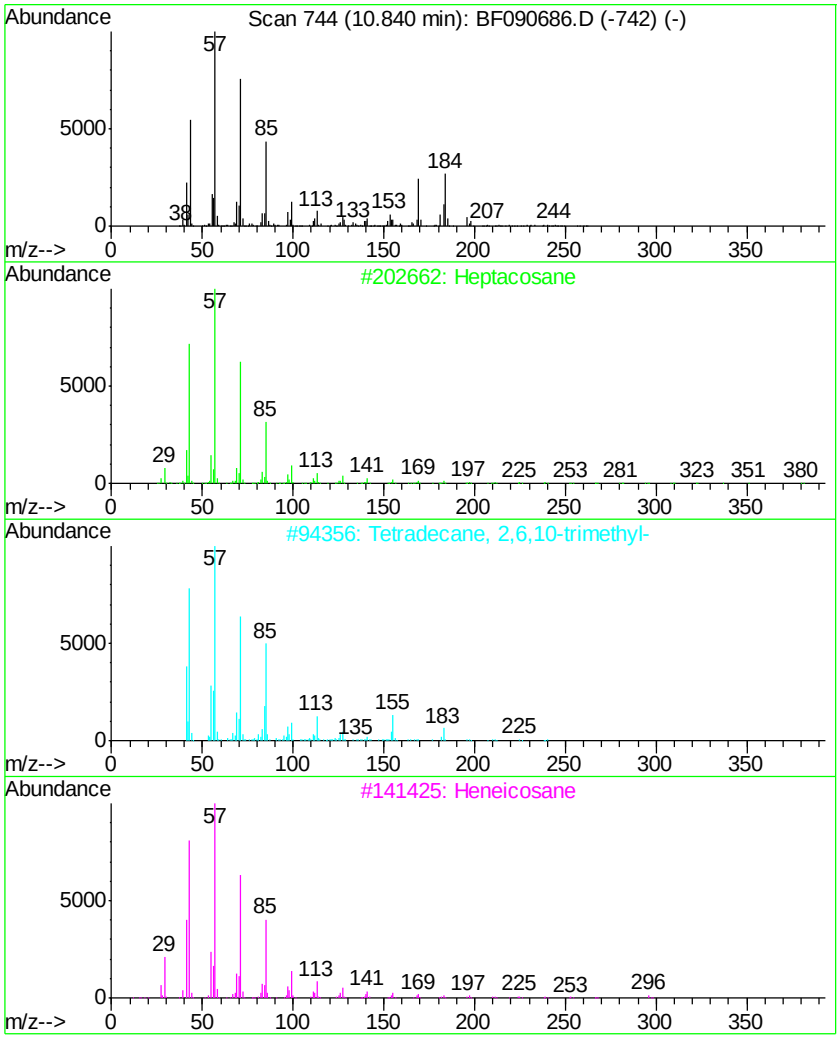
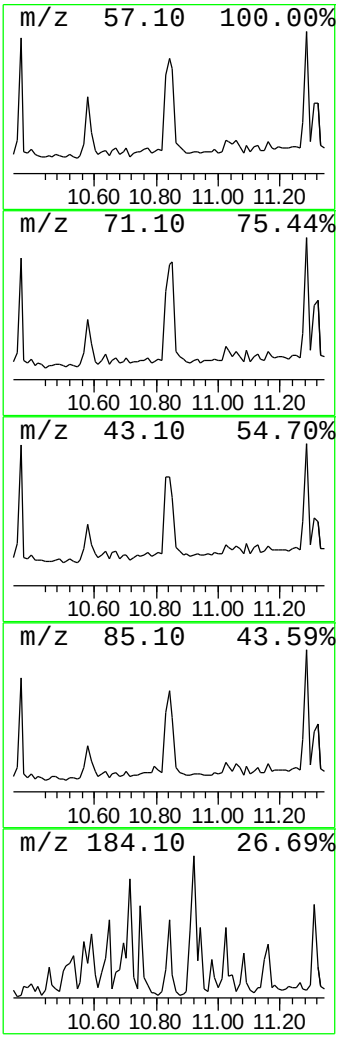
Peak Number 10 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	19.14 ng	2295470	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	70
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3	Heneicosane	296	C21H44	000629-94-7	62
4	Eicosane	282	C20H42	000112-95-8	62
5	Pentadecane	212	C15H32	000629-62-9	58





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Instrument : BNA_F
ClientSampleId : B-SUMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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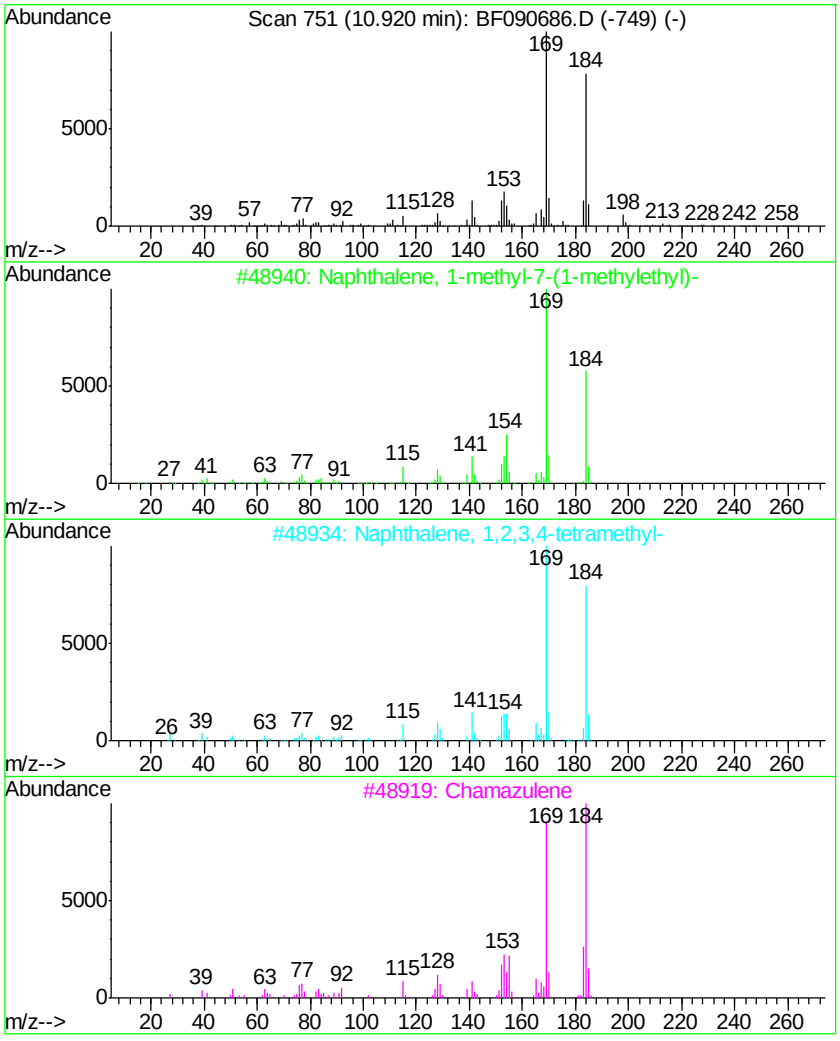
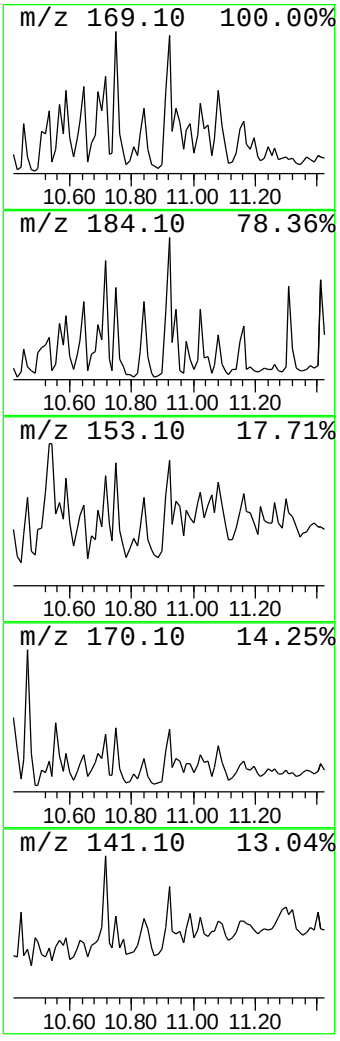
Peak Number 11 Naphthalene, 1-methyl-7-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.34 ng	640594	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	93
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
3	Chamazulene	184	C14H16	000529-05-5	87
4	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	80
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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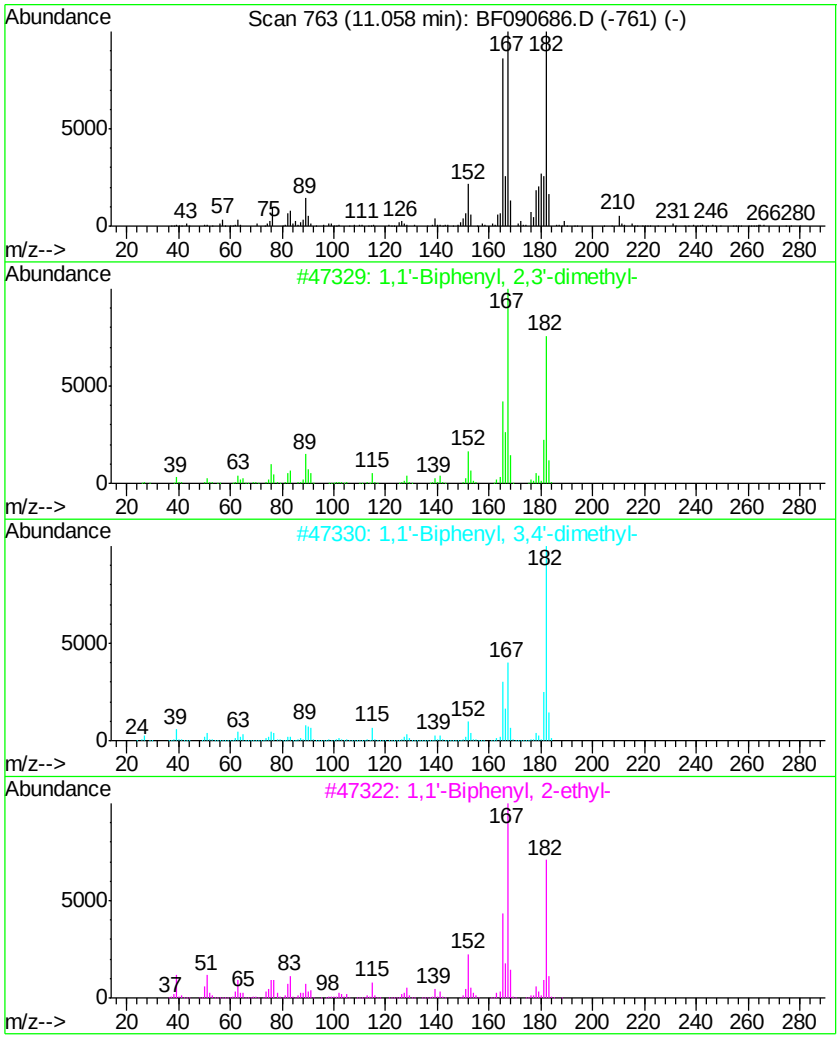
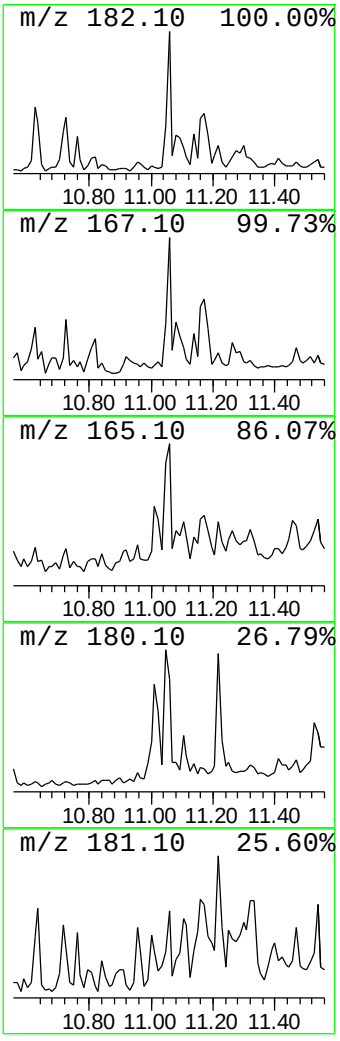
Peak Number 12 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	5.62 ng	673936	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	86
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	76
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	70
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	70
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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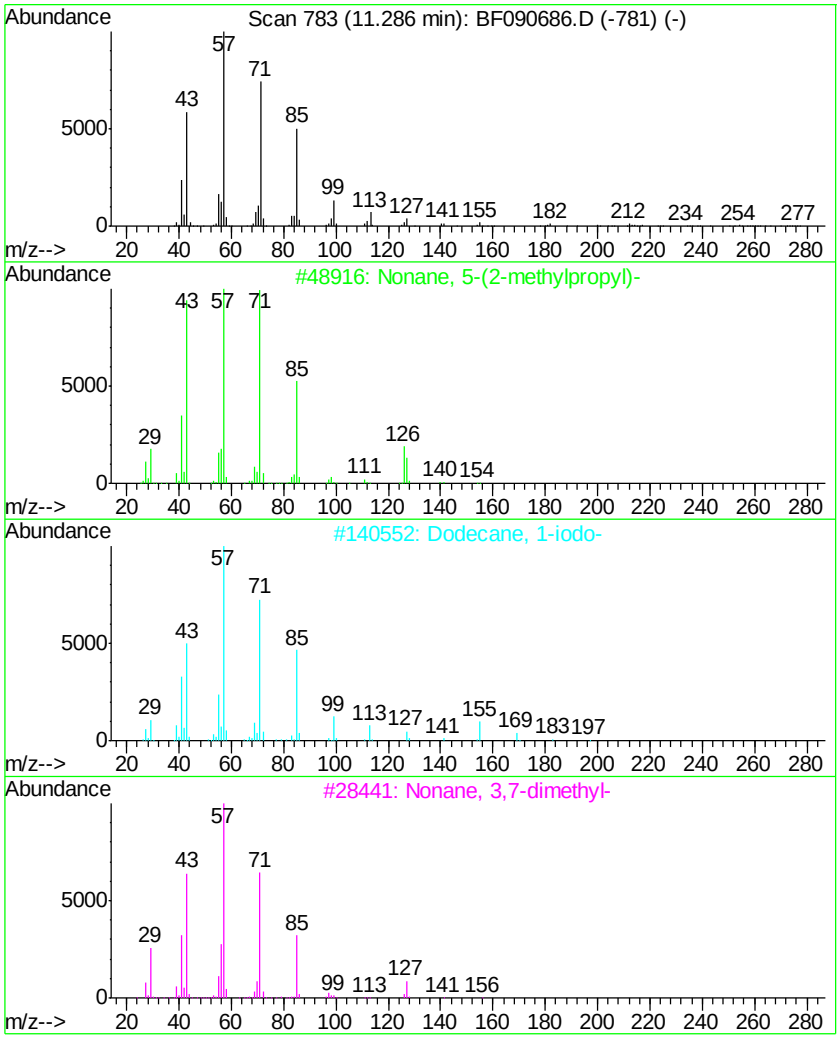
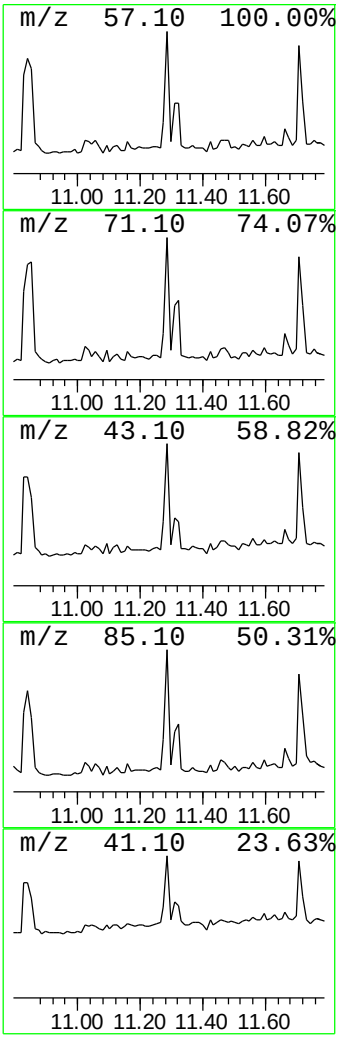
Peak Number 13 Nonane, 5-(2-methylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	6.23 ng	747331	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





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ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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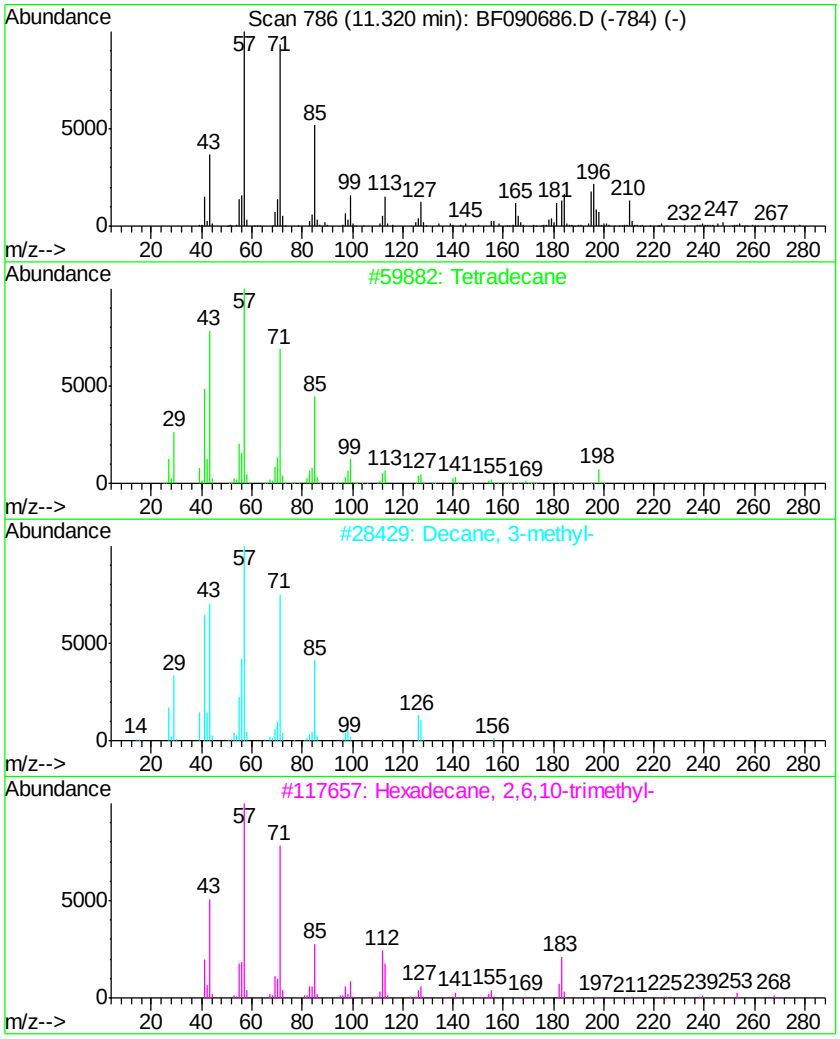
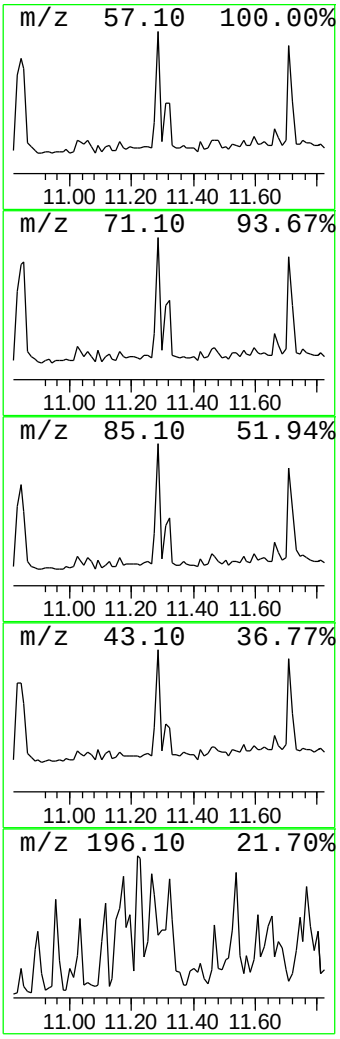
Peak Number 14 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	10.50 ng	1259560	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Decane, 3-methyl-	156	C11H24	013151-34-3	55
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	55
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	46
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43





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Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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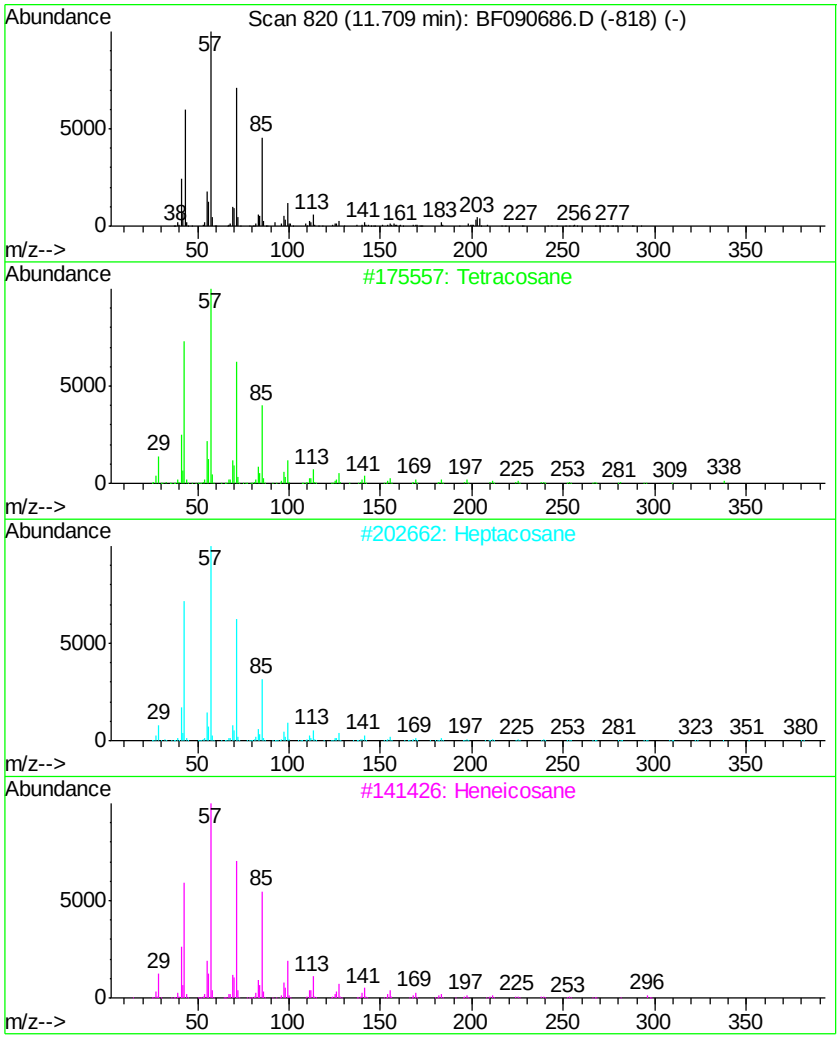
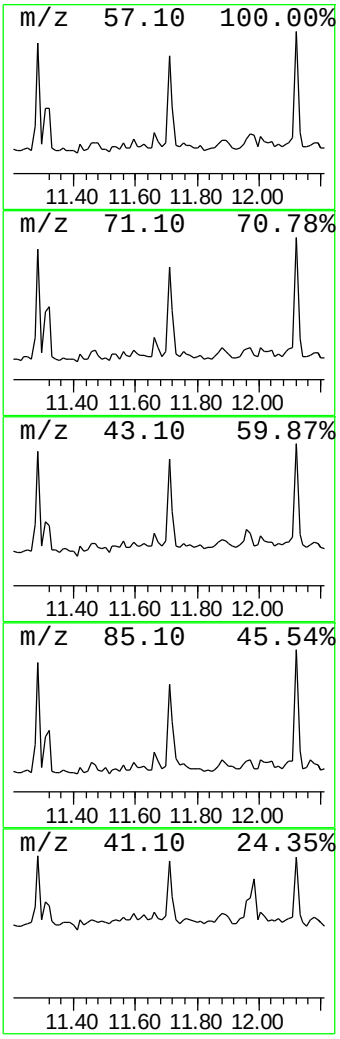
Peak Number 15 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	8.36 ng	1003160	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5	1-Iodoundecane	282	C11H23I	004282-44-4	70





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Sample : H5318-01 5X
Misc :
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TIC Integration Parameters: LSCINT.P

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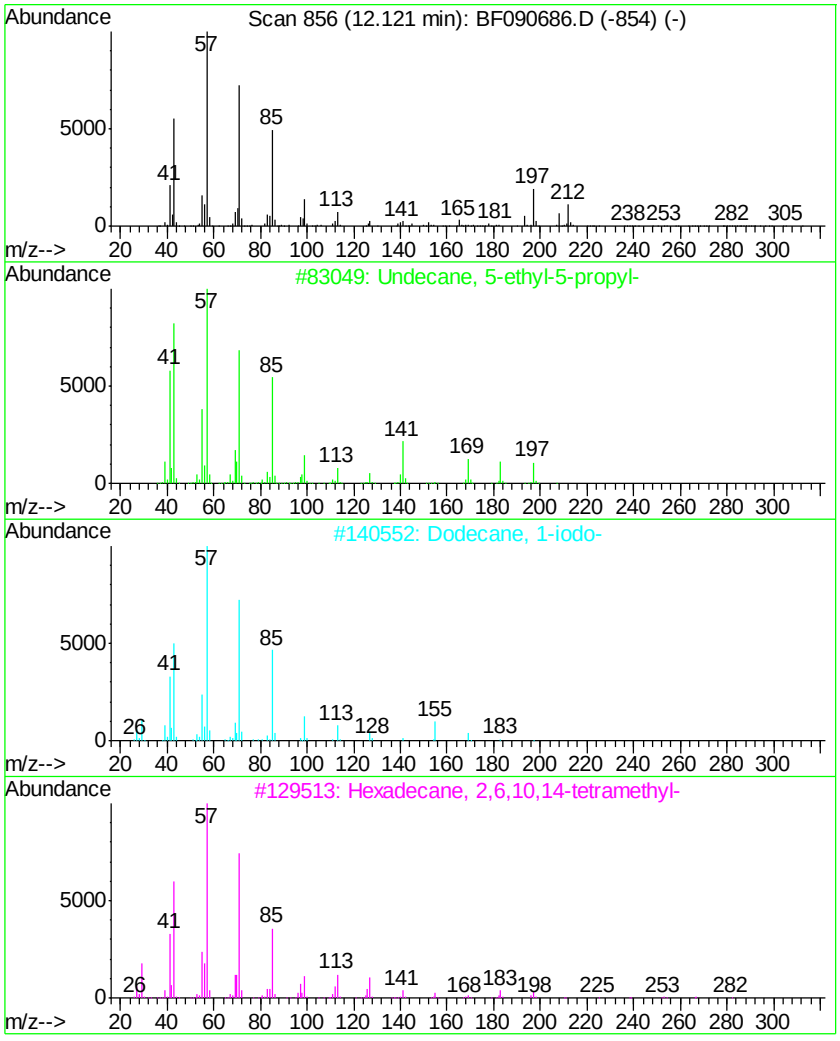
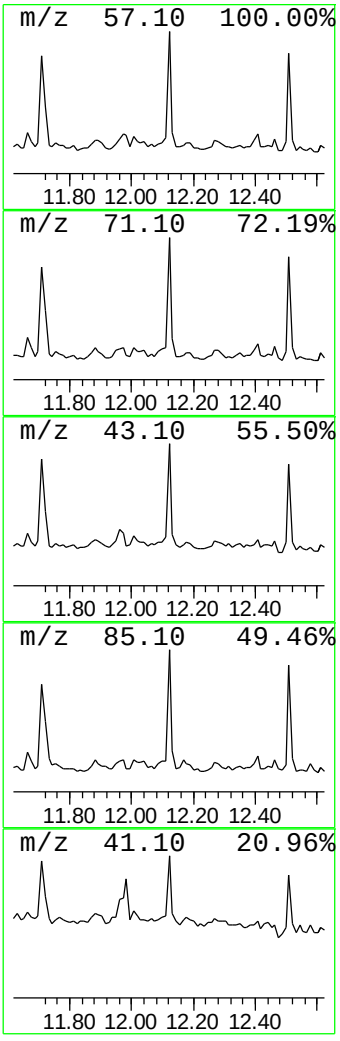
Peak Number 16 Undecane, 5-ethyl-5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	10.76 ng	1290780	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5	Hexadecane	226	C16H34	000544-76-3	53





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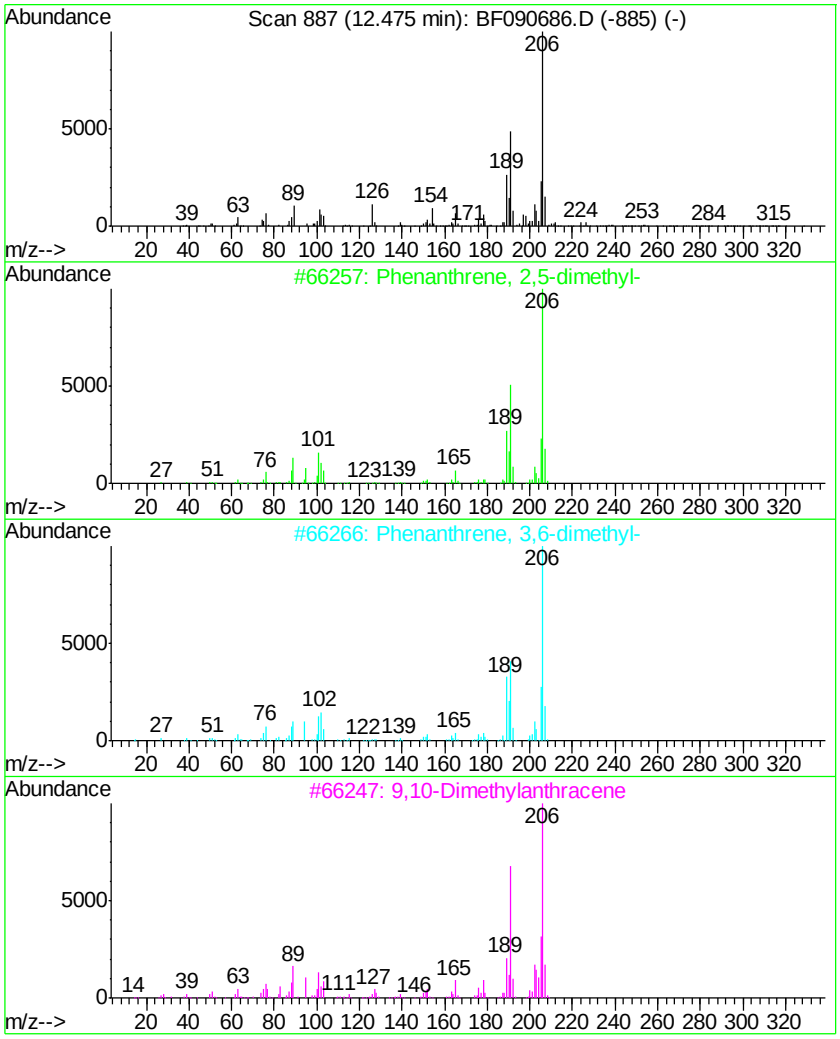
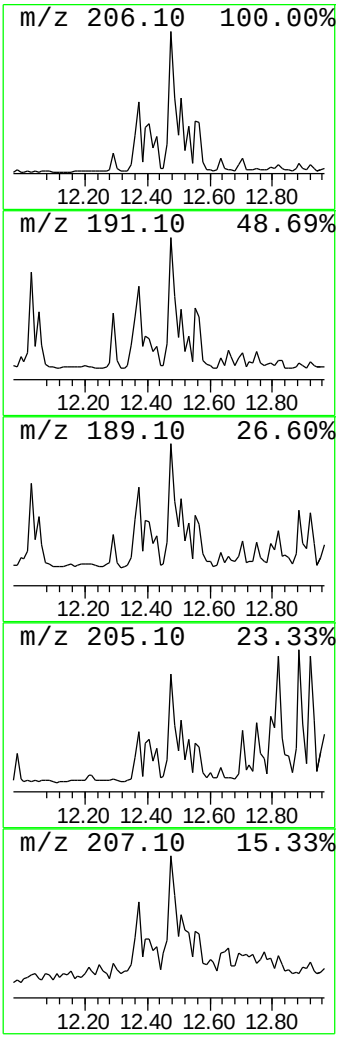
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	24.94 ng	2991500	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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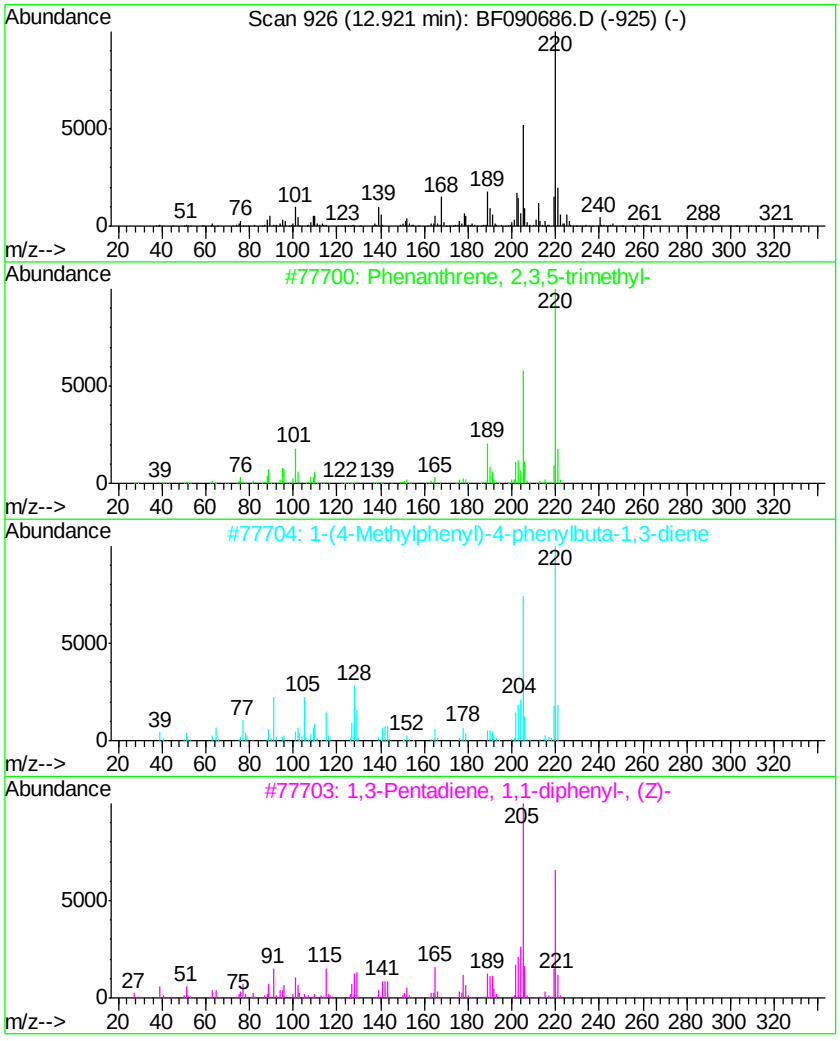
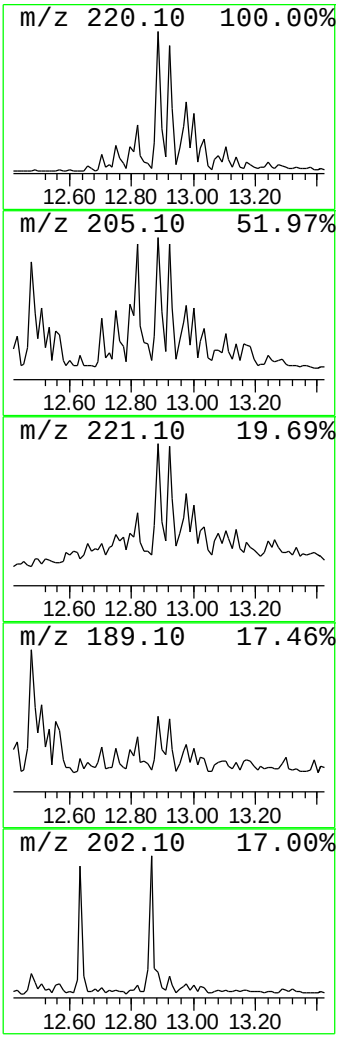
Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	11.52 ng	1176680	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	95
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	64
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	62
5	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	60





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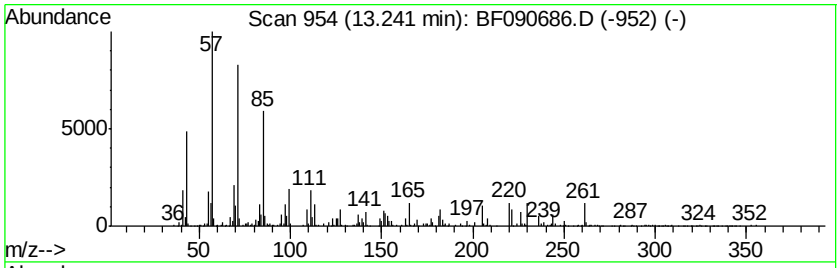
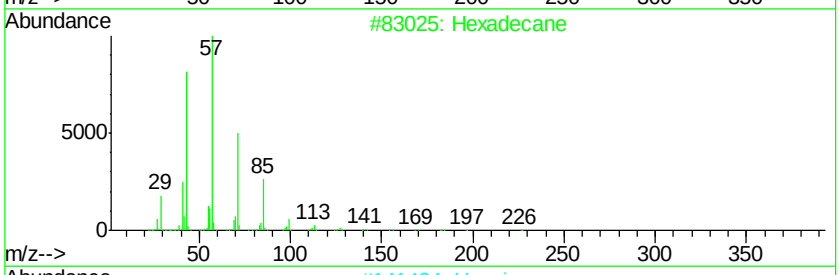
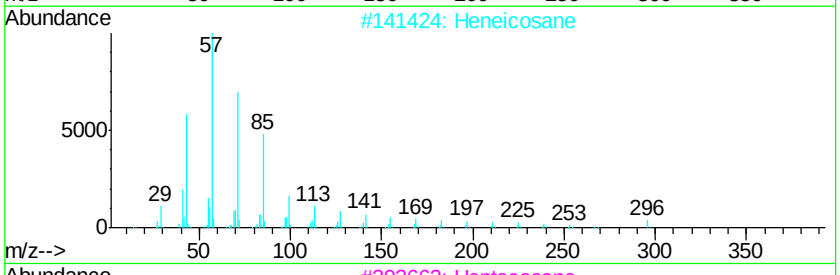
Peak Number 19 Hexadecane Concentration Rank 11

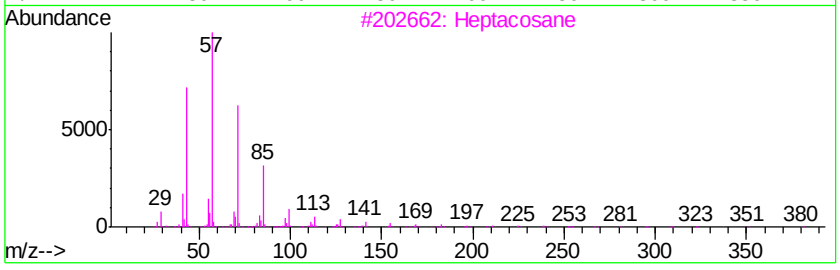
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	8.19 ng	836909	Chrysene-d12	14.06

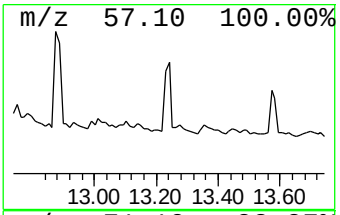
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heneicosane	296	C21H44	000629-94-7	62
3	Heptacosane	380	C27H56	000593-49-7	62
4	Tetracosane	338	C24H50	000646-31-1	62
5	Docosane	310	C22H46	000629-97-0	62

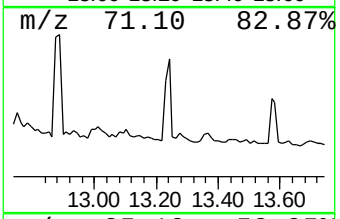


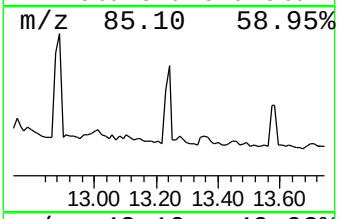


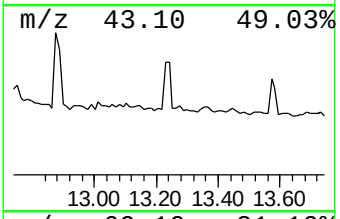


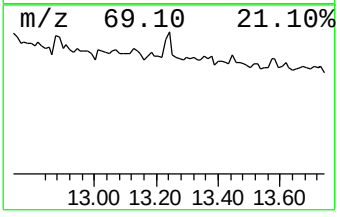












Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

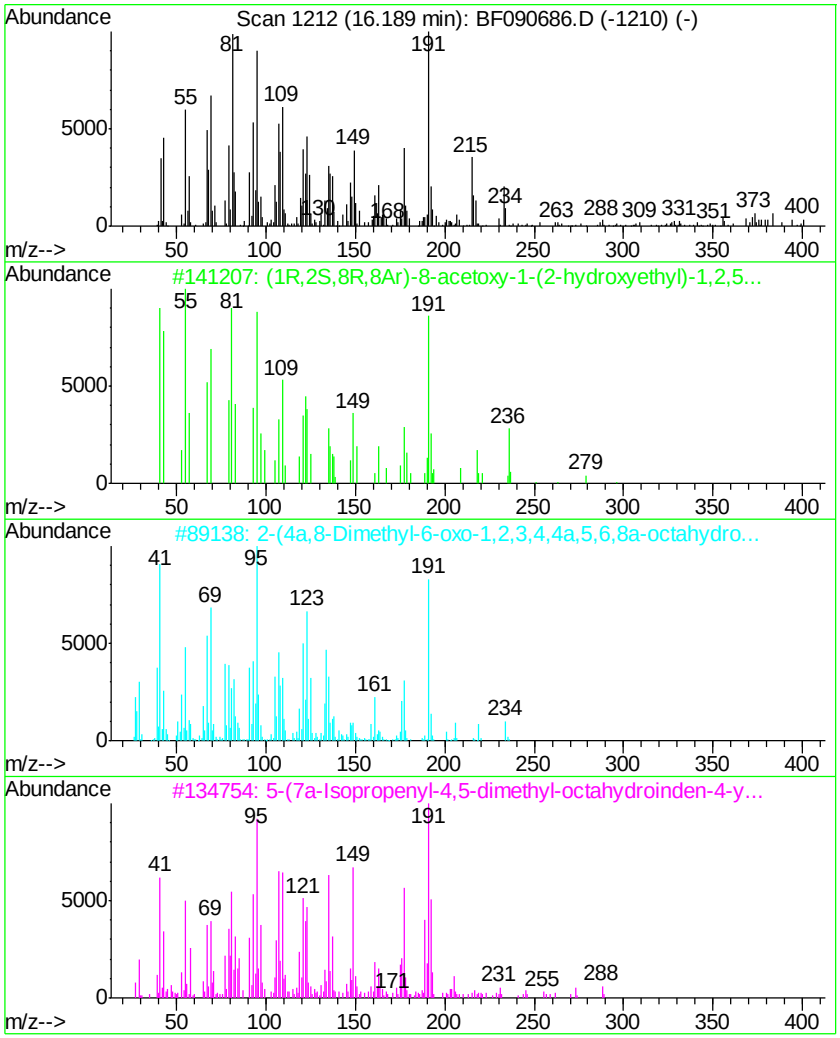
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

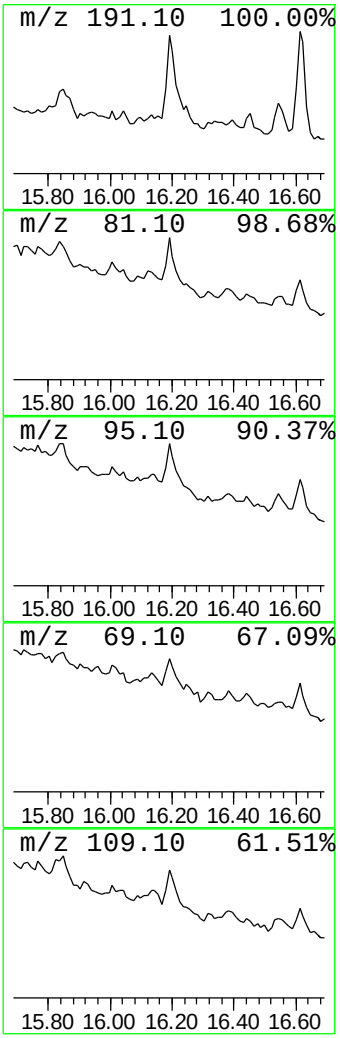
****

Peak Number 20 (1R,2S,8R,8Ar)-8-acetoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	9.83 ng	909017	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	93
2	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	62
3	5-(7a-Isopropenyl-4,5-dimethyl-o...	288	C20H32O	1000193-54-1	38
4	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-56-7	38
5	Silane, dimethyldi(2-isopropylph...	328	C20H28O2Si	1000347-25-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090686.D
Acq On : 20 Oct 2016 17:03
Operator : UM/SJ
Sample : H5318-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-SUMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown6.65	6.65	15.8	ng	978469	1	6.87	1242210	20.0
Nonanoic acid	8.52	4.7	ng	457512	2	8.17	1937550	20.0
unknown9.32	9.32	8.1	ng	998823	3	9.93	2468650	20.0
unknown9.79	9.79	8.1	ng	998150	3	9.93	2468650	20.0
unknown9.83	9.83	4.9	ng	601490	3	9.93	2468650	20.0
Naphthalene, 2,3,...	10.25	8.8	ng	1091380	3	9.93	2468650	20.0
unknown10.33	10.33	5.5	ng	684194	3	9.93	2468650	20.0
Bacchotricuneatin c	10.36	6.2	ng	760564	3	9.93	2468650	20.0
Heptacosane	10.84	19.1	ng	2295470	4	11.41	2398830	20.0
Naphthalene, 1-me...	10.92	5.3	ng	640594	4	11.41	2398830	20.0
1,1'-Biphenyl, 2,...	11.06	5.6	ng	673936	4	11.41	2398830	20.0
Nonane, 5-(2-meth...	11.29	6.2	ng	747331	4	11.41	2398830	20.0
Tetradecane	11.32	10.5	ng	1259560	4	11.41	2398830	20.0
Tetracosane	11.71	8.4	ng	1003160	4	11.41	2398830	20.0
Undecane, 5-ethyl...	12.12	10.8	ng	1290780	4	11.41	2398830	20.0
Phenanthrene, 2,5...	12.47	24.9	ng	2991500	4	11.41	2398830	20.0
Phenanthrene, 2,3...	12.92	11.5	ng	1176680	5	14.06	2043080	20.0
Hexadecane	13.24	8.2	ng	836909	5	14.06	2043080	20.0
(1R,2S,8R,8Ar)-8-...	16.19	9.8	ng	909017	6	15.52	1848700	20.0