LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093452.D
Acq On : 9 Mar 2017 2:07
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

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-BF030717.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	3.578	145	148	155	rBV	19726	47075	1.18%	0.092%
2	4.916	263	265	276	rBV	598176	866940	21.71%	1.696%
3	5.361	301	304	313	rBV	3426540	3719655	93.13%	7.277%
4	5.761	334	339	347	rVB2	37229	73238	1.83%	0.143%
5	6.013	355	361	363	rBV	41132	55287	1.38%	0.108%
6	6.322	386	388	395	rBV	118956	177300	4.44%	0.347%
7	6.424	395	397	405	rBV	3574628	3993921	100.00%	7.813%
8	6.539	405	407	409	rBV	3917573	3699036	92.62%	7.237%
9	6.767	424	427	429	rBV	872307	950894	23.81%	1.860%
10	6.916	438	440	443	rBV	2135150	2550197	63.85%	4.989%
11	7.339	475	477	483	rBV	2295602	2245290	56.22%	4.393%
12	7.465	486	488	492	rVB3	24855	40740	1.02%	0.080%
13	8.059	537	540	544	rBV2	1215696	1631516	40.85%	3.192%
14	8.196	549	552	554	rBV2	27903	40298	1.01%	0.079%
15	8.436	571	573	576	rBV2	54060	86163	2.16%	0.169%
16	8.768	601	602	604	rBV	103574	104683	2.62%	0.205%
17	8.870	608	611	612	rBV	73936	72102	1.81%	0.141%
18	8.996	617	622	625	rBV4	22235	57587	1.44%	0.113%
19	9.076	625	629	631	rBV5	19178	50584	1.27%	0.099%
20	9.133	631	634	636	rVV	3306111	2919445	73.10%	5.711%
21	9.213	638	641	642	rBV	33212	41288	1.03%	0.081%
22	9.236	642	643	646	rVB2	51533	52269	1.31%	0.102%
23	9.293	646	648	650	rBV	291298	333126	8.34%	0.652%
24	9.396	654	657	659	rBV2	42927	70083	1.75%	0.137%
25	9.465	661	663	665	rBV	69400	97942	2.45%	0.192%
26	9.533	667	669	671	rBV	814833	690630	17.29%	1.351%
27	9.670	680	681	683	rVB	72682	56242	1.41%	0.110%
28	9.739	685	687	690	rBV2	92829	121015	3.03%	0.237%
29	9.808	690	693	695	rVV	1437332	1317801	33.00%	2.578%
30	9.842	695	696	698	rVB	279029	204973	5.13%	0.401%
31	9.968	704	707	708	rBV2	32452	53886	1.35%	0.105%
32	10.013	709	711	713	rVV	232703	228045	5.71%	0.446%
33	10.048	713	714	716	rVB2	35772	46550	1.17%	0.091%
34	10.128	719	721	722	rBV2	27768	41808	1.05%	0.082%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.230	726	730	732	rBV2	118013	205002	5.13%	0.401%
36	10.356	739	741	743	rVB	263170	248735	6.23%	0.487%
37	10.413	744	746	747	rBV2	24439	45166	1.13%	0.088%
38	10.436	747	748	753	rVB2	36099	75850	1.90%	0.148%
39	10.516	753	755	756	rVB	49997	68029	1.70%	0.133%
40	10.596	760	762	765	rBV2	1395047	1532737	38.38%	2.999%
41	10.711	770	772	776	rVB2	130278	207883	5.20%	0.407%
42	10.848	778	784	785	rBV5	38171	109293	2.74%	0.214%
43	10.905	786	789	790	rBV2	71635	88826	2.22%	0.174%
44	10.973	793	795	798	rBV3	60844	116587	2.92%	0.228%
45	11.031	798	800	805	rBV4	37732	75793	1.90%	0.148%
46	11.111	805	807	808	rBV	87153	99257	2.49%	0.194%
47	11.156	808	811	812	rBV2	121446	159727	4.00%	0.312%
48	11.191	812	814	816	rVB	138789	154303	3.86%	0.302%
49	11.293	820	823	824	rBV	1104111	1184331	29.65%	2.317%
50	11.316	824	825	827	rVV	2306518	1732762	43.38%	3.390%
51	11.362	827	829	831	rVB	304330	427181	10.70%	0.836%
52	11.408	831	833	835	rBV	80841	100341	2.51%	0.196%
53	11.534	840	844	846	rBV	270515	386466	9.68%	0.756%
54	11.579	846	848	850	rBV	116699	129163	3.23%	0.253%
55	11.796	864	867	868	rBV	210795	254090	6.36%	0.497%
56	11.819	868	869	871	rVV	283849	328101	8.22%	0.642%
57	11.911	875	877	881	rVV2	257759	571291	14.30%	1.118%
58	12.128	895	896	904	rVB2	297076	494984	12.39%	0.968%
59	12.345	913	915	916	rBV	135151	139138	3.48%	0.272%
60	12.379	916	918	921	rVB3	124065	209618	5.25%	0.410%
61	12.436	921	923	927	rVB2	79091	132579	3.32%	0.259%
62	12.505	927	929	931	rBV	1733085	2066981	51.75%	4.044%
63	12.654	940	942	944	rBV	117422	135810	3.40%	0.266%
64	12.734	946	949	956	rVV2	1765551	2600346	65.11%	5.087%
65	12.871	959	961	963	rVV	1487684	1659198	41.54%	3.246%
66	12.951	966	968	970	rBV2	110994	211380	5.29%	0.414%
67	13.065	974	978	980	rBV	302524	421071	10.54%	0.824%
68	13.134	982	984	985	rVV	155153	174809	4.38%	0.342%
69	13.168	985	987	990	rVV	171815	215048	5.38%	0.421%
70	13.259	993	995	997	rBV	378970	419355	10.50%	0.820%
71	13.294	997	998	1001	rVV2	97915	130281	3.26%	0.255%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : HY-SB415B

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.362	1002	1004	1007	rVV4	91498	140191	3.51%	0.274%
73	13.579	1022	1023	1025	rVB	91378	80213	2.01%	0.157%
74	13.705	1030	1034	1035	rBV3	230645	424301	10.62%	0.830%
75	13.739	1035	1037	1038	rBV	68656	83838	2.10%	0.164%
76	13.934	1051	1054	1055	rBV2	1309896	1946866	48.75%	3.809%
77	14.037	1061	1063	1065	rBV	126297	153336	3.84%	0.300%
78	14.322	1086	1088	1089	rBV	150076	155462	3.89%	0.304%
79	14.951	1141	1143	1150	rBV	656179	1405823	35.20%	2.750%
80	15.237	1166	1168	1170	rBV	390030	455206	11.40%	0.891%
81	15.294	1171	1173	1176	rVV	532892	672818	16.85%	1.316%
82	15.351	1176	1178	1184	rVB2	563225	893649	22.38%	1.748%
83	16.734	1296	1299	1303	rBV	227881	410040	10.27%	0.802%
84	17.145	1333	1335	1339	rBV	135693	244823	6.13%	0.479%

Sum of corrected areas: 51115687

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093452.D
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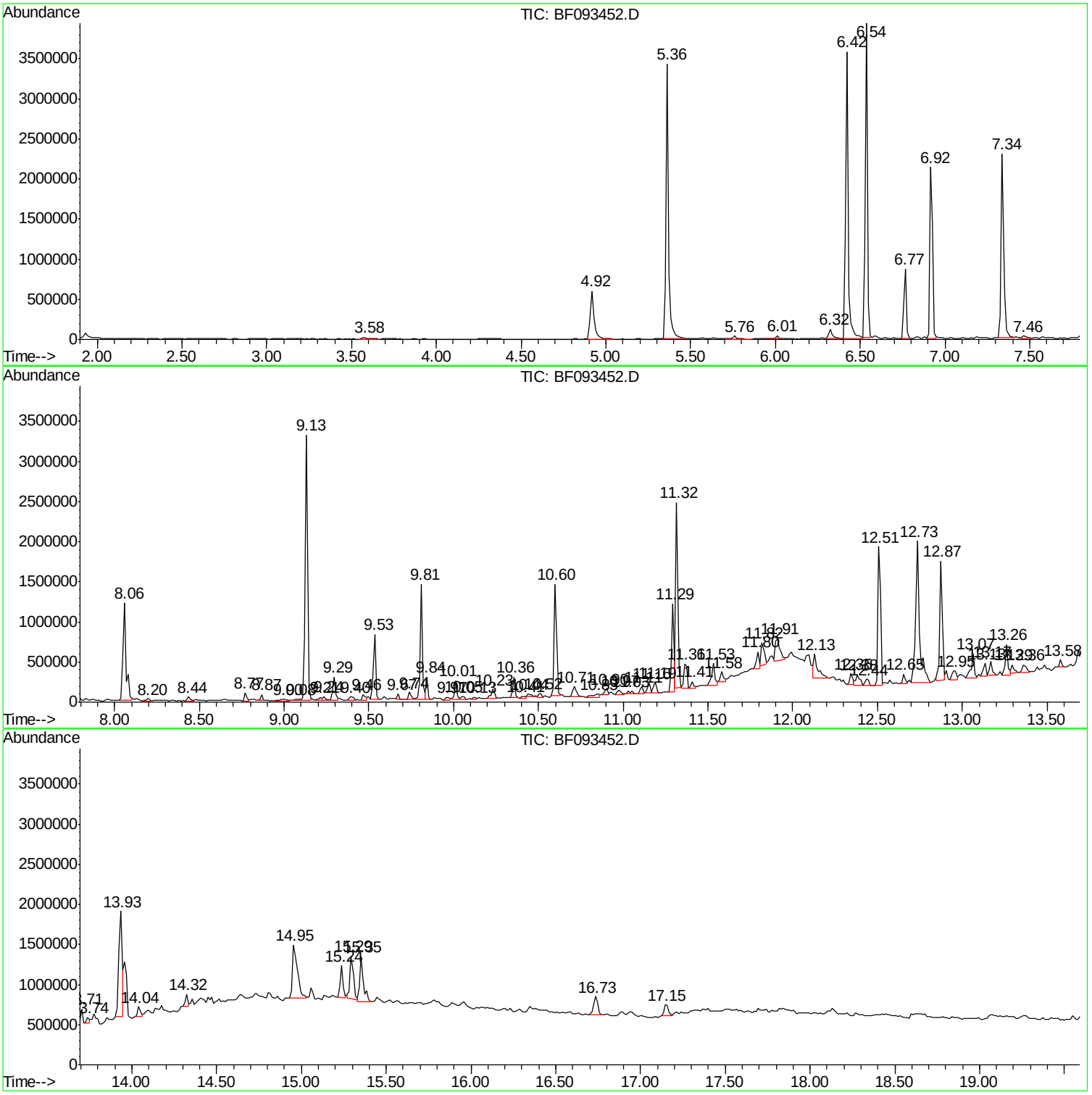
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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 F\Data\BF030817\
Data File : BF093452.D
Acq On : 9 Mar 2017 2:07
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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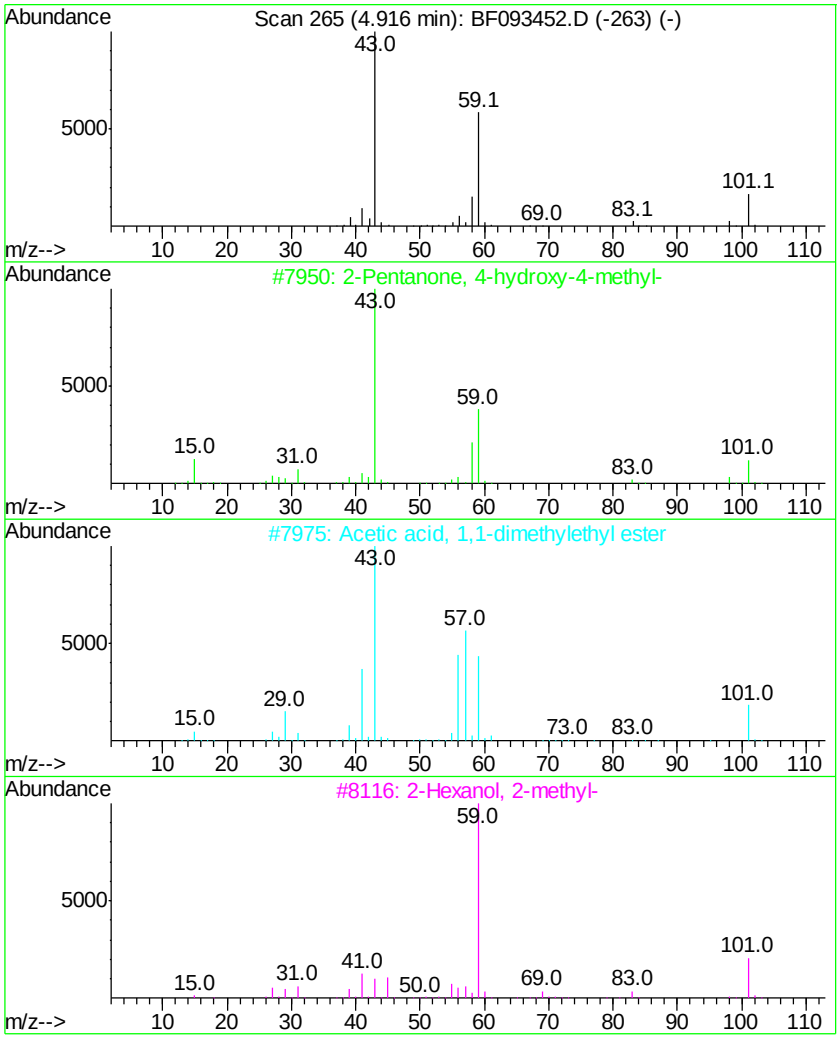
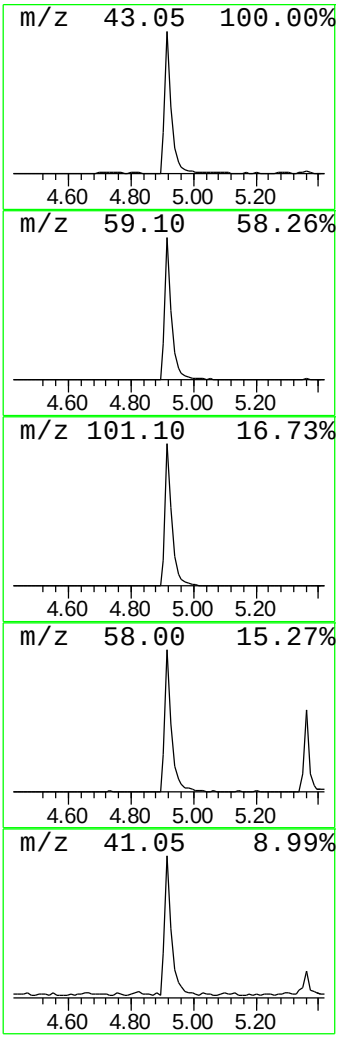
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	18.23 ng	866940	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Sample : I2133-11
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Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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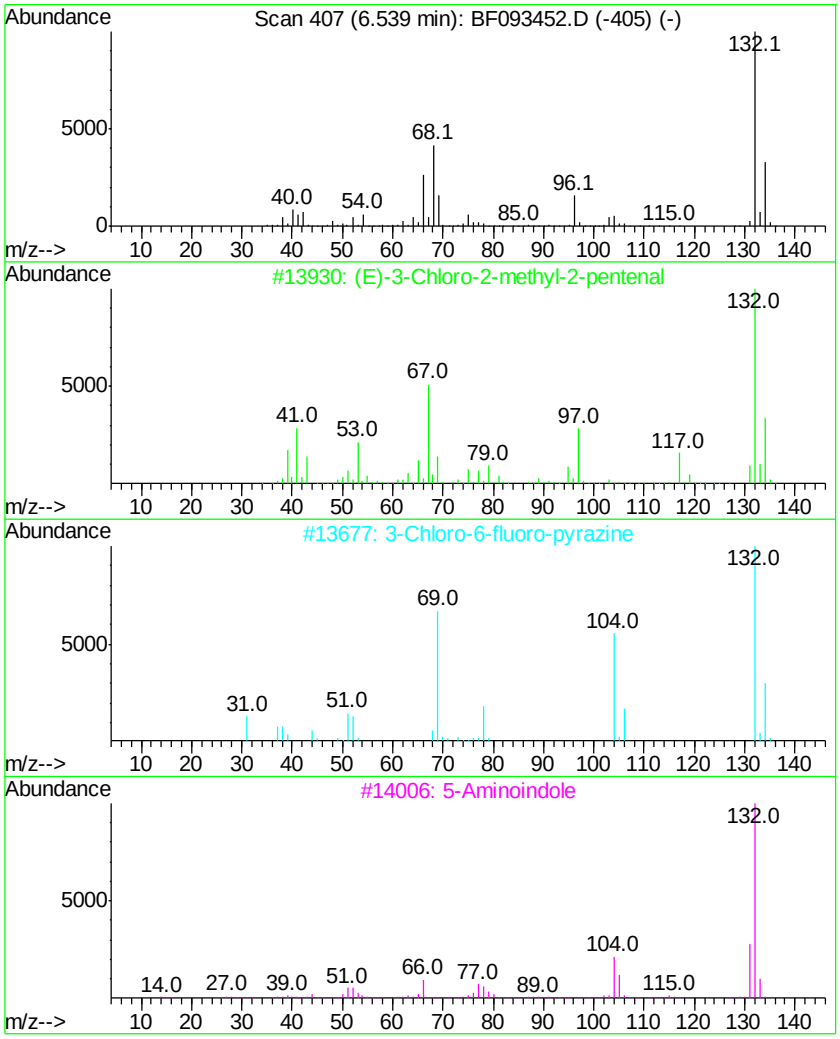
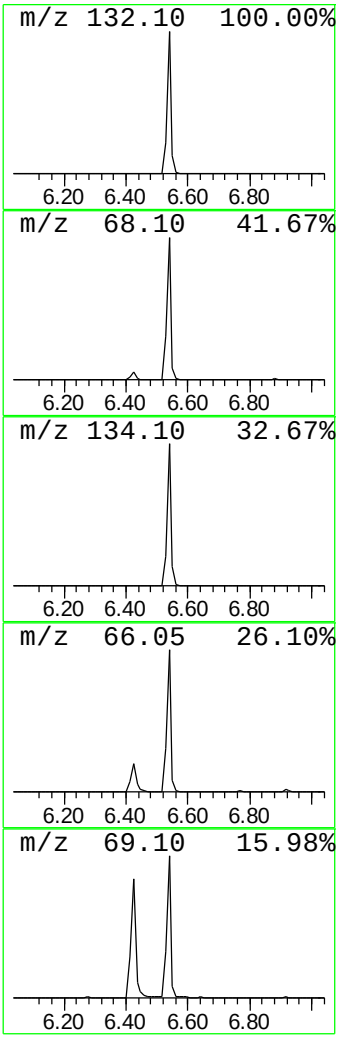
Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	77.80 ng	3699040	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Sample : I2133-11
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Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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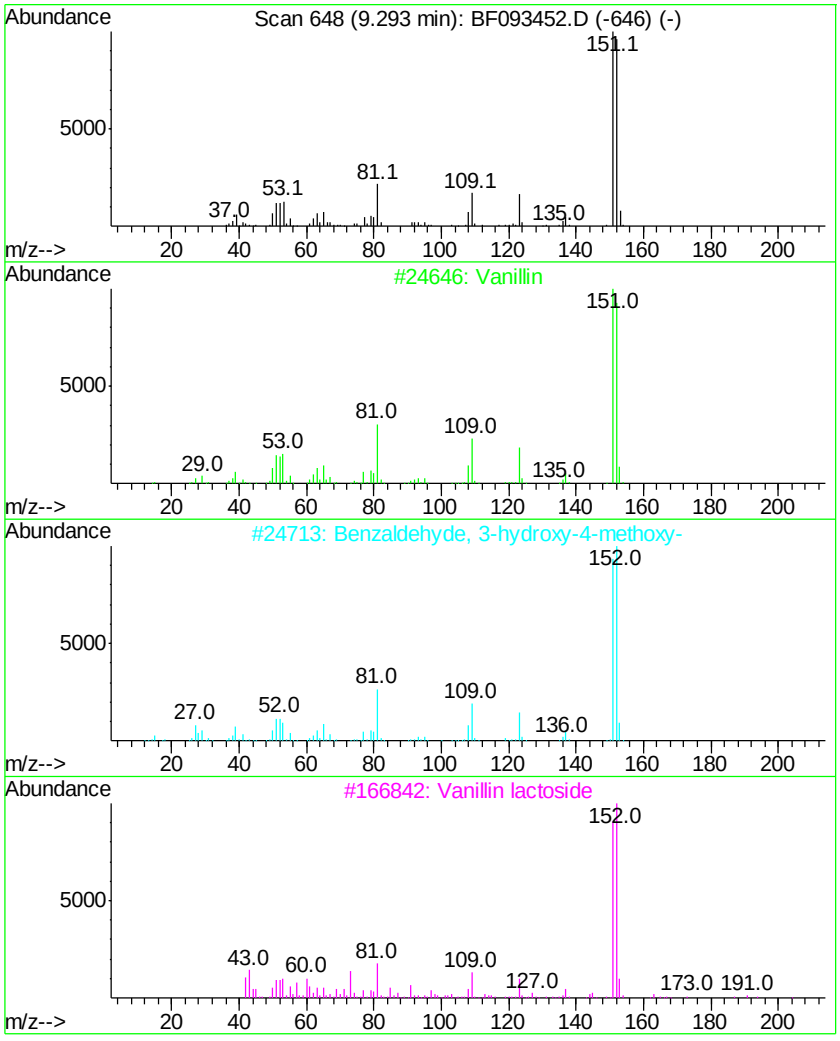
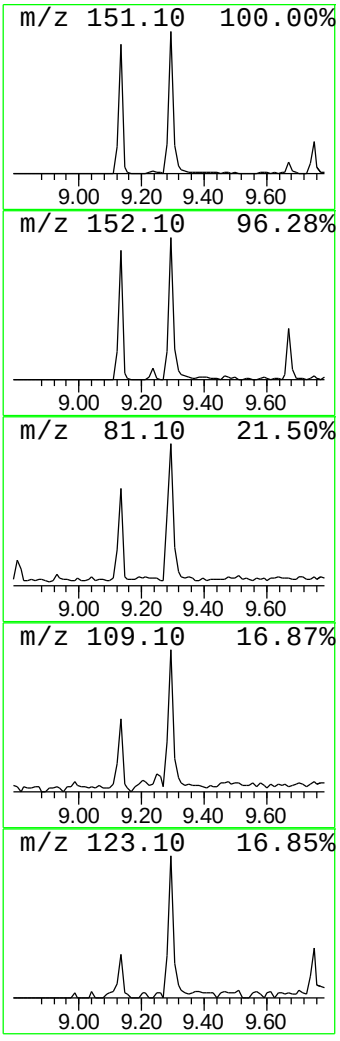
Peak Number 4 Vanillin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.06 ng	333126	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
3	Vanillin lactoside	476	C20H28O13	1000129-94-7	90
4	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	81
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	72





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Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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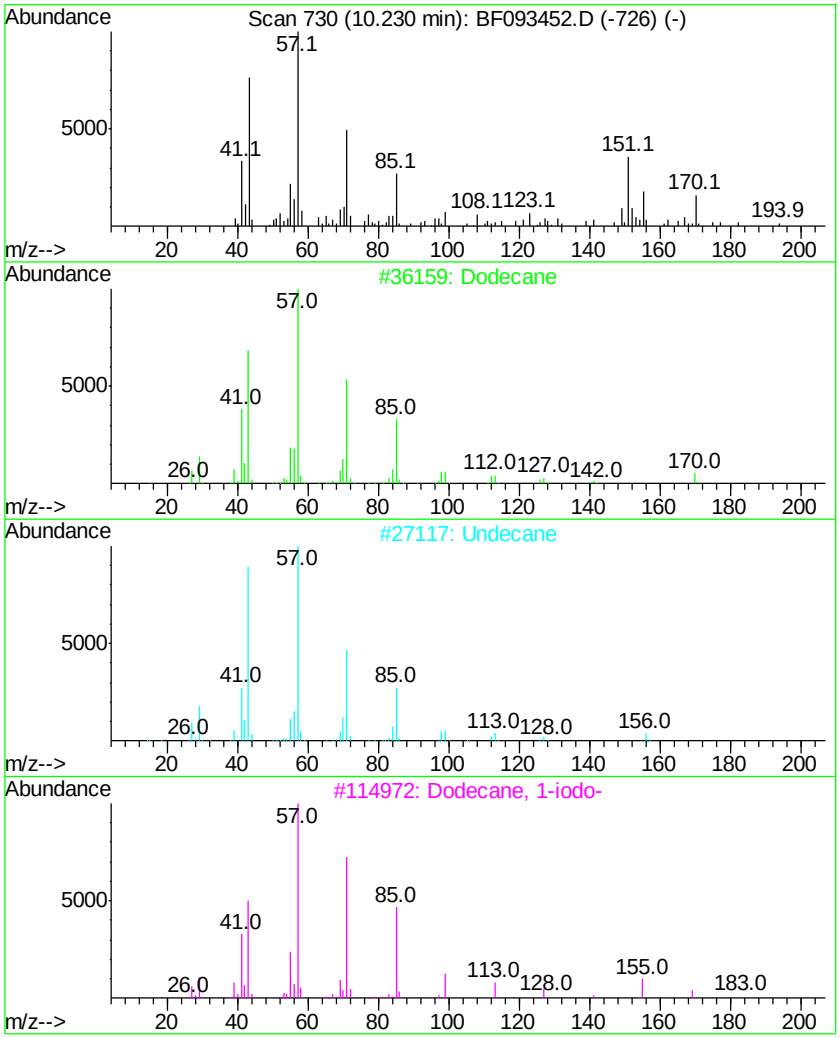
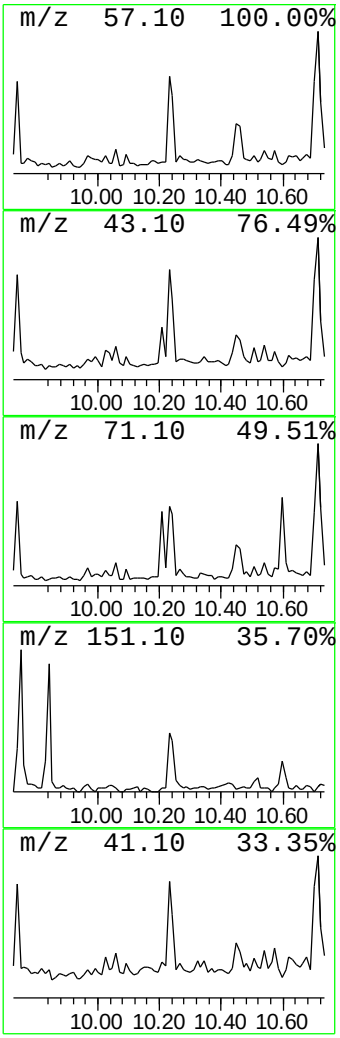
Peak Number 5 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	3.11 ng	205002	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	60
2	Undecane	156	C11H24	001120-21-4	55
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47
4	Eicosane	282	C20H42	000112-95-8	46
5	Hexadecane	226	C16H34	000544-76-3	46





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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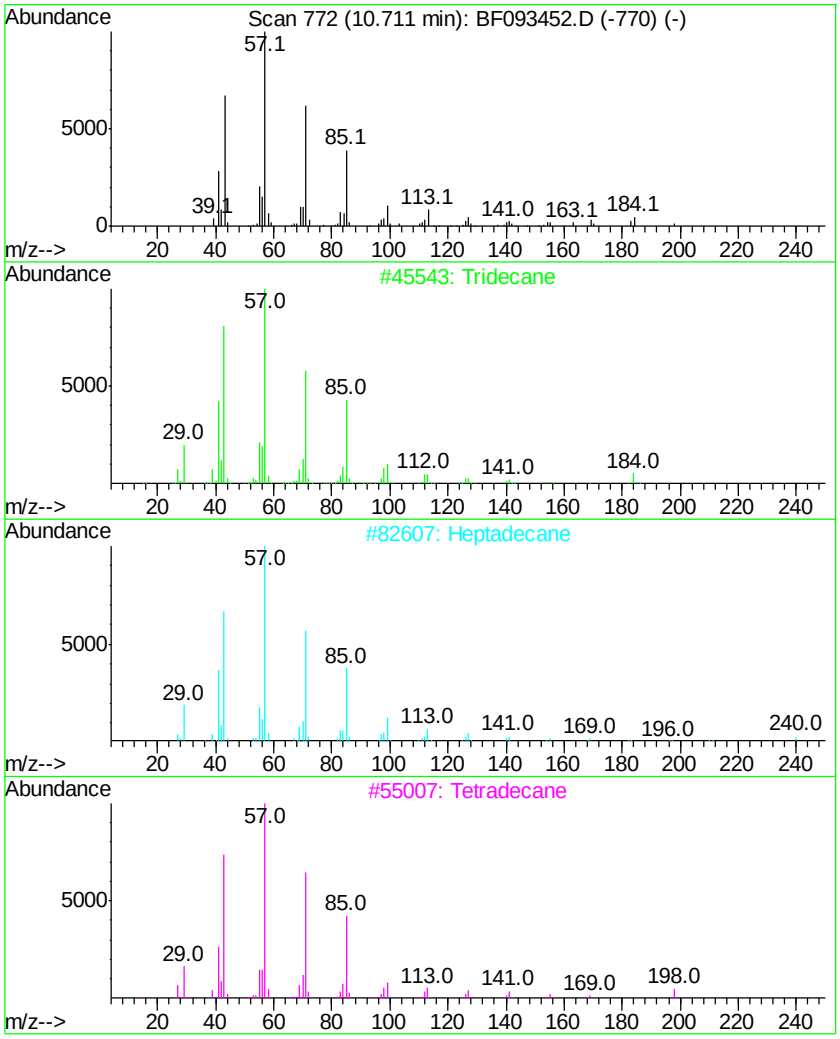
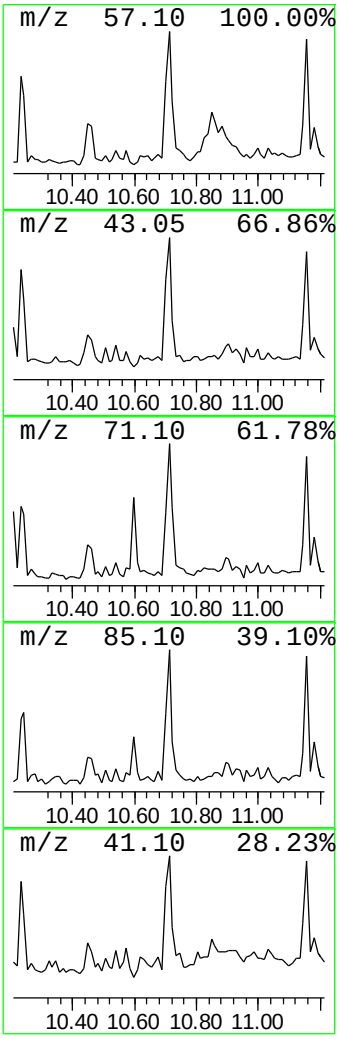
Peak Number 6 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.51 ng	207883	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093452.D
Acq On : 9 Mar 2017 2:07
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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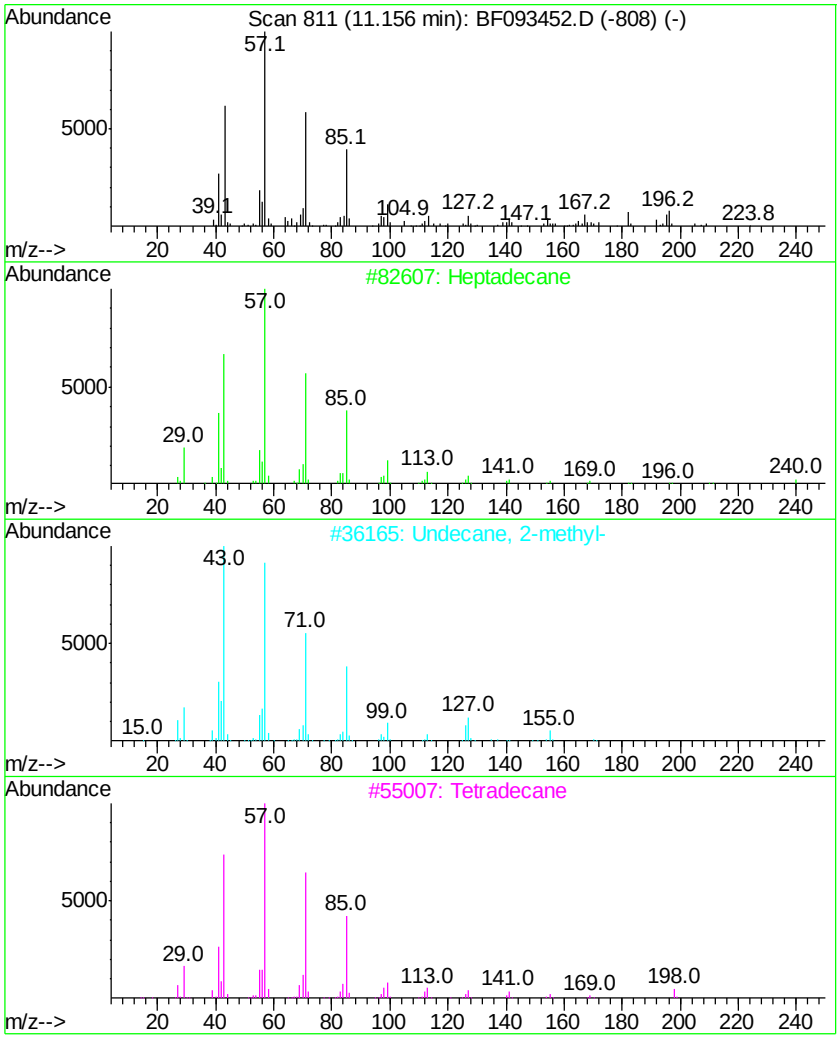
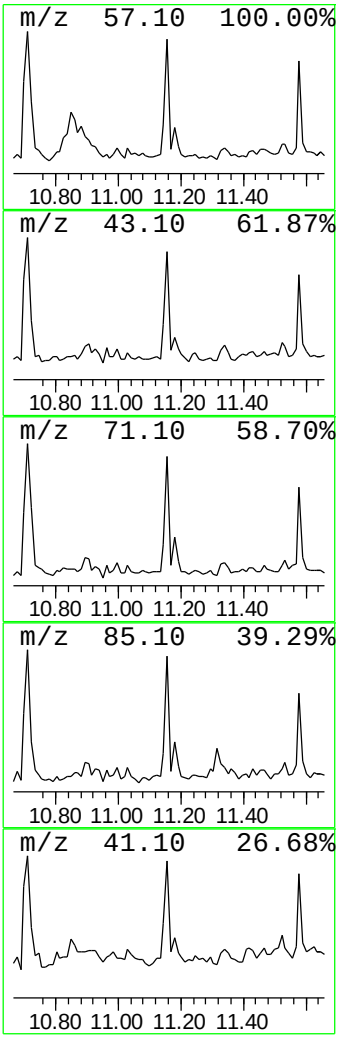
Peak Number 7 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.70 ng	159727	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	74
3	Tetradecane	198	C14H30	000629-59-4	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
Data File : BF093452.D
Acq On : 9 Mar 2017 2:07
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

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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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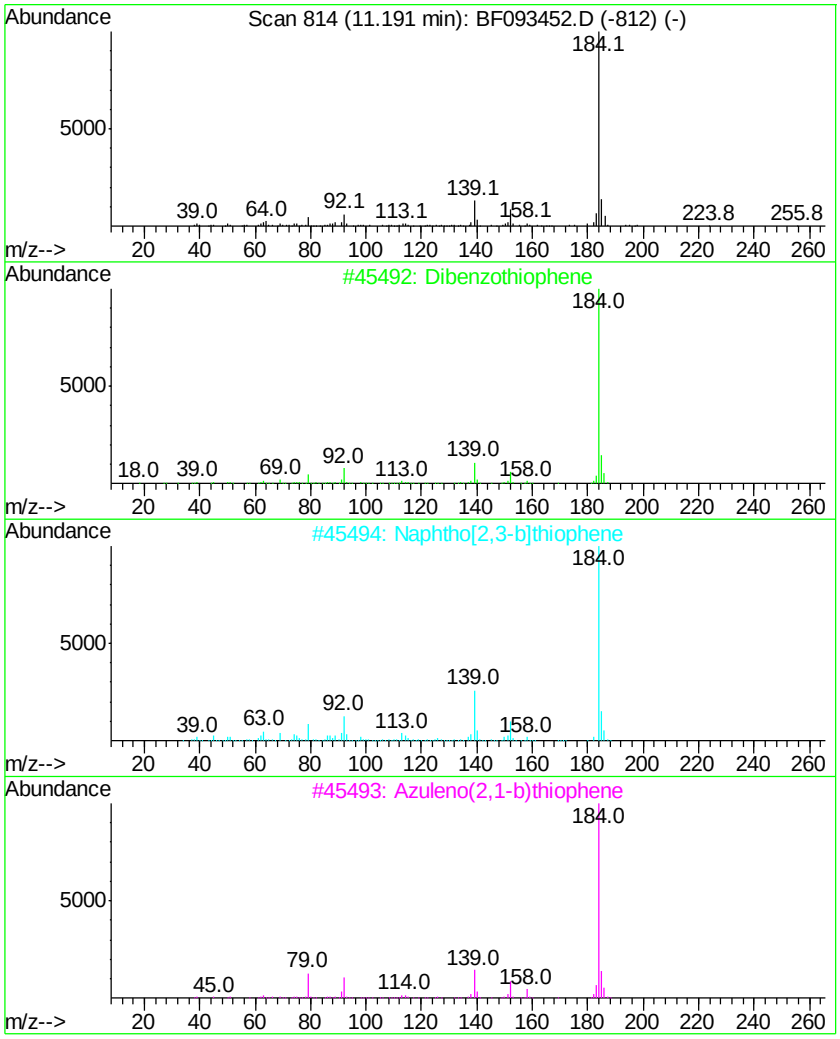
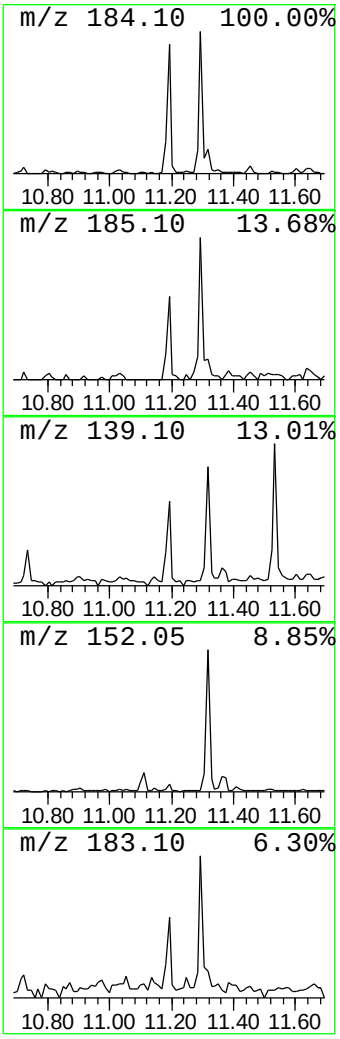
Peak Number 8 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.61 ng	154303	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Library Search Compound Report

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Acq On : 9 Mar 2017 2:07
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

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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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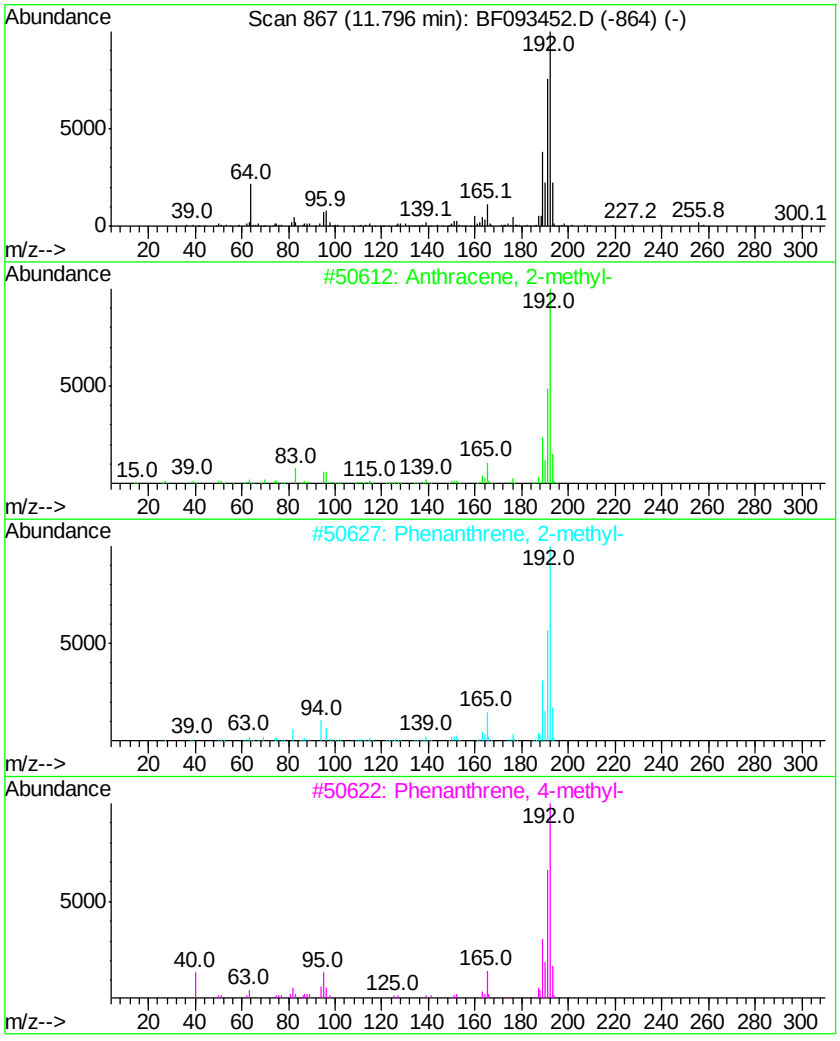
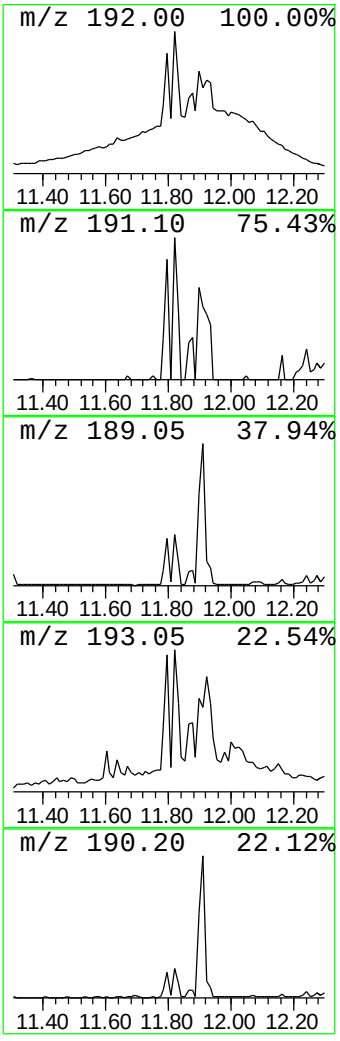
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.29 ng	254090	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70





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Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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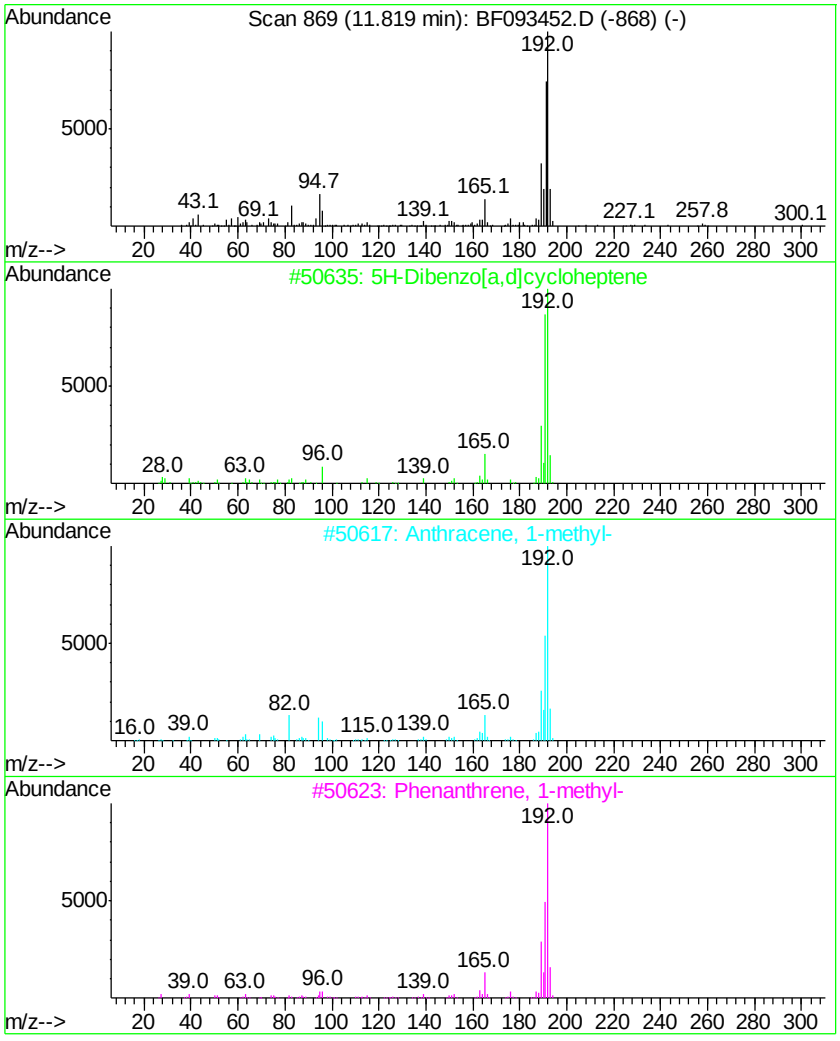
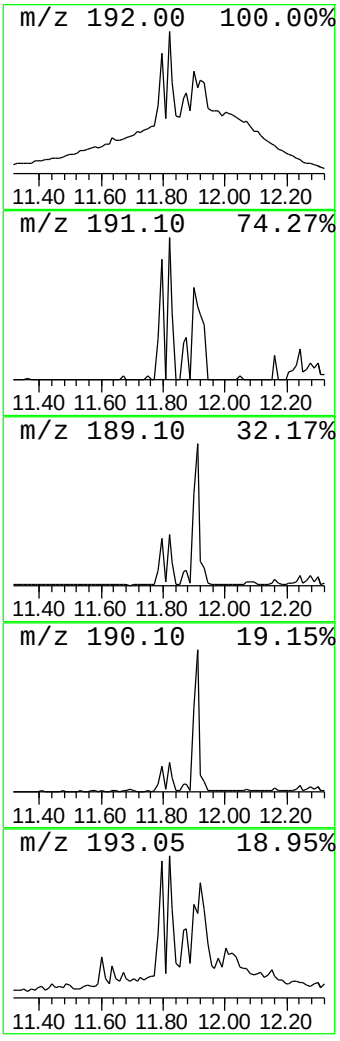
Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.54 ng	328101	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

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TIC Library : C:\DATABASE\NIST02.L
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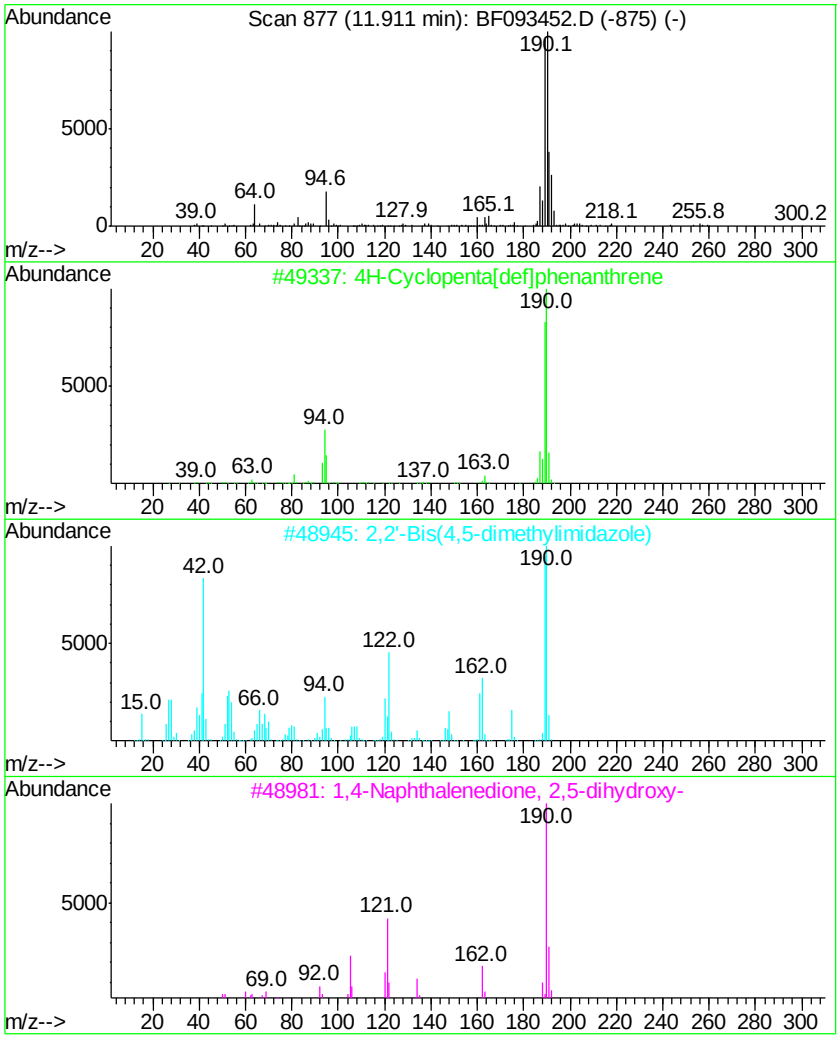
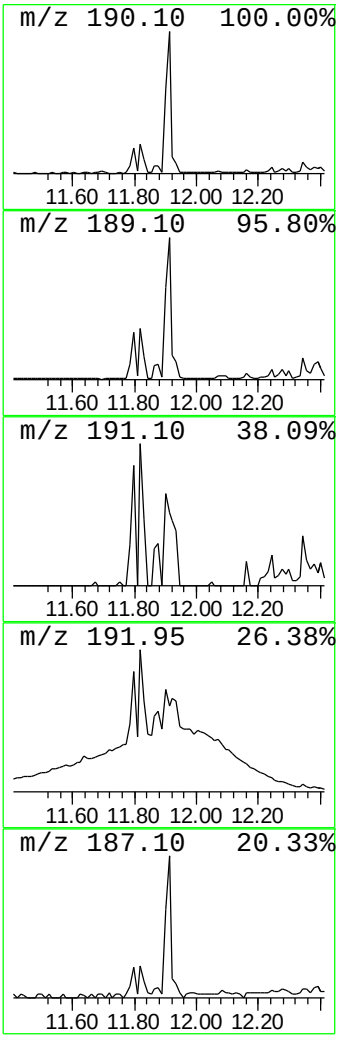
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	9.65 ng	571291	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	16
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





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Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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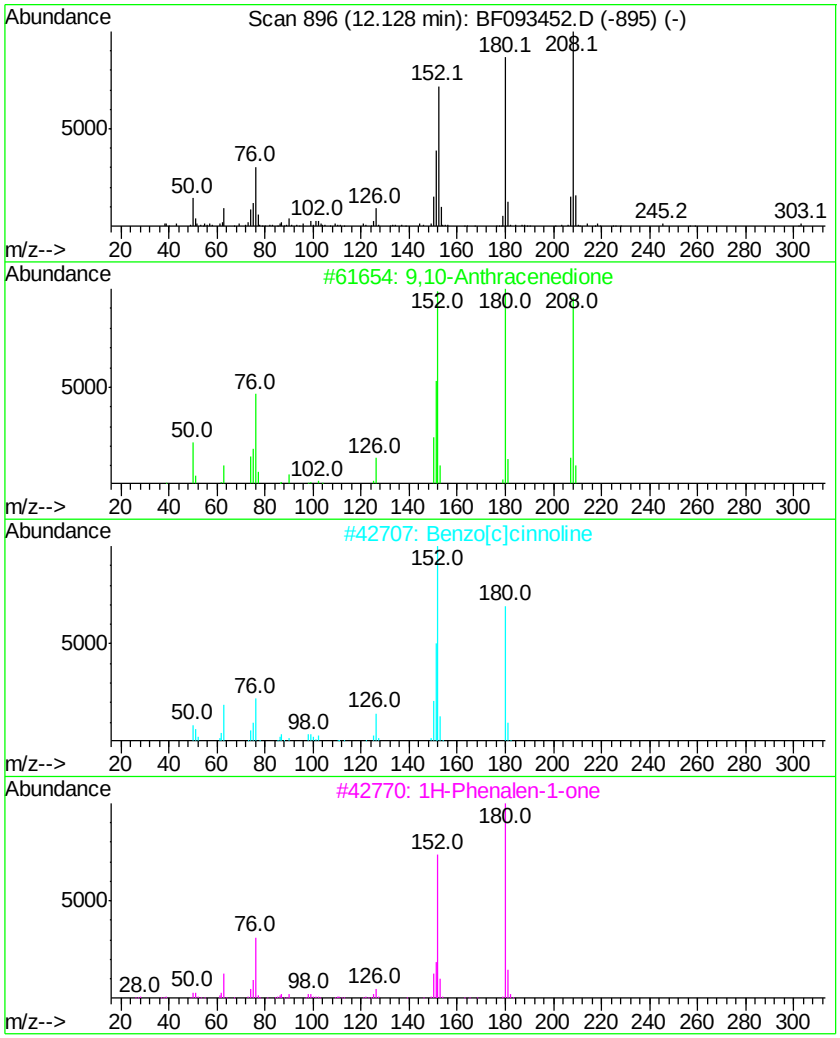
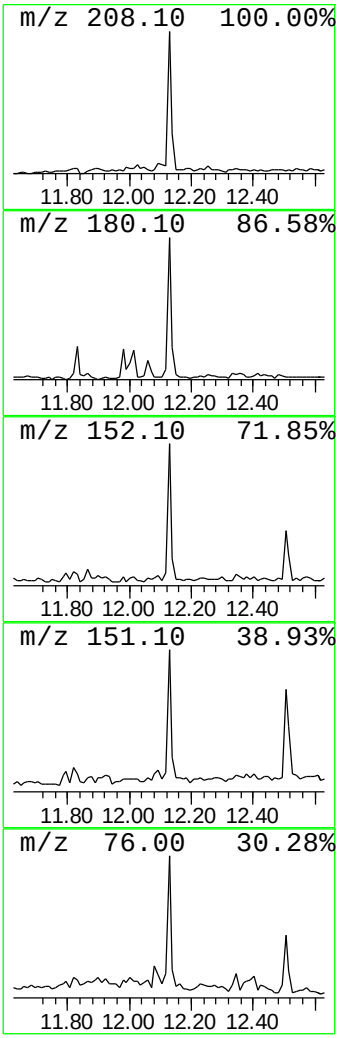
Peak Number 12 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	8.36 ng	494984	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47





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Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

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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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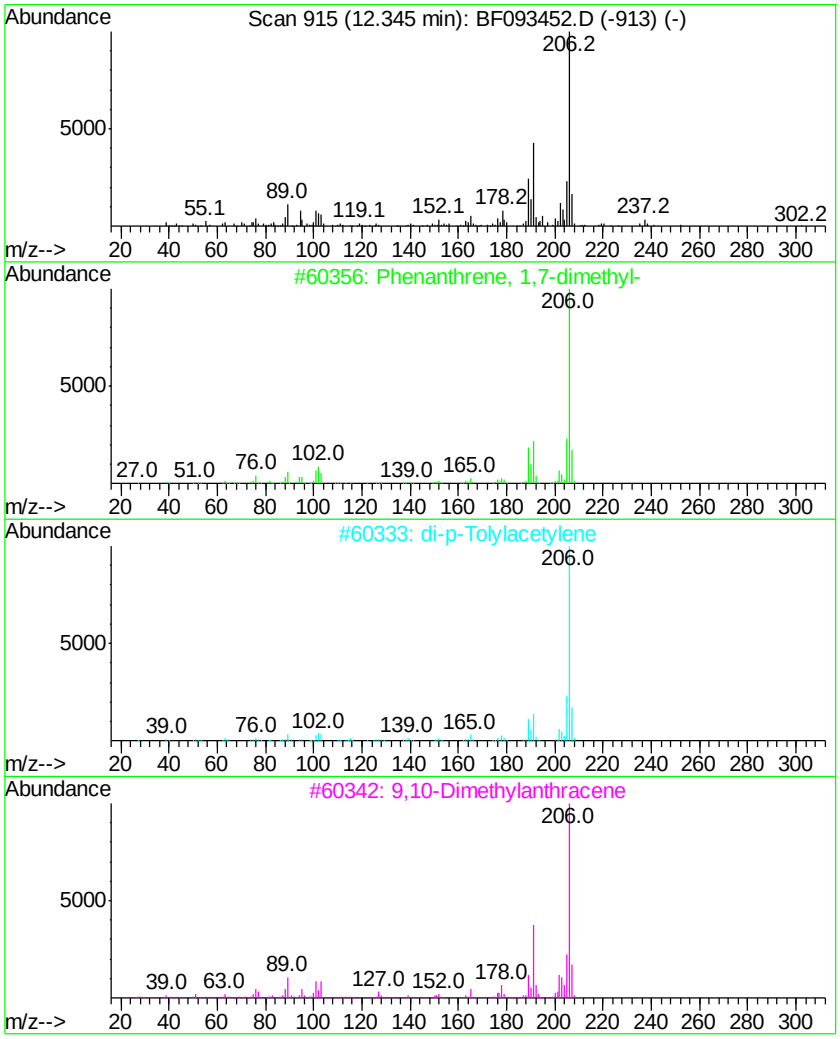
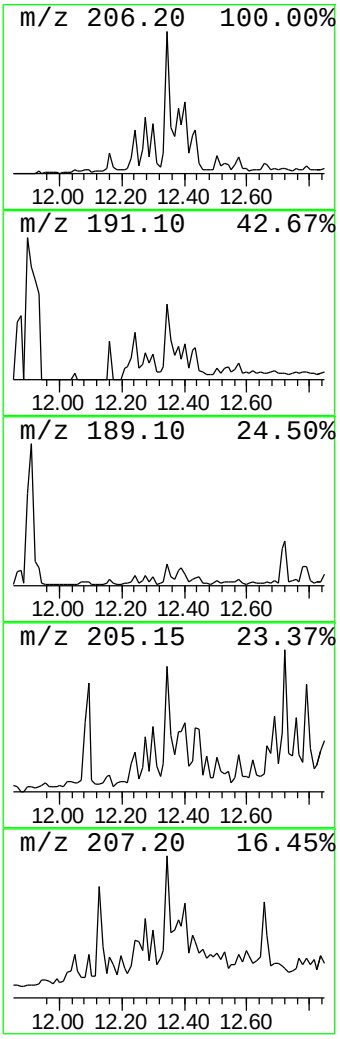
Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.35 ng	139138	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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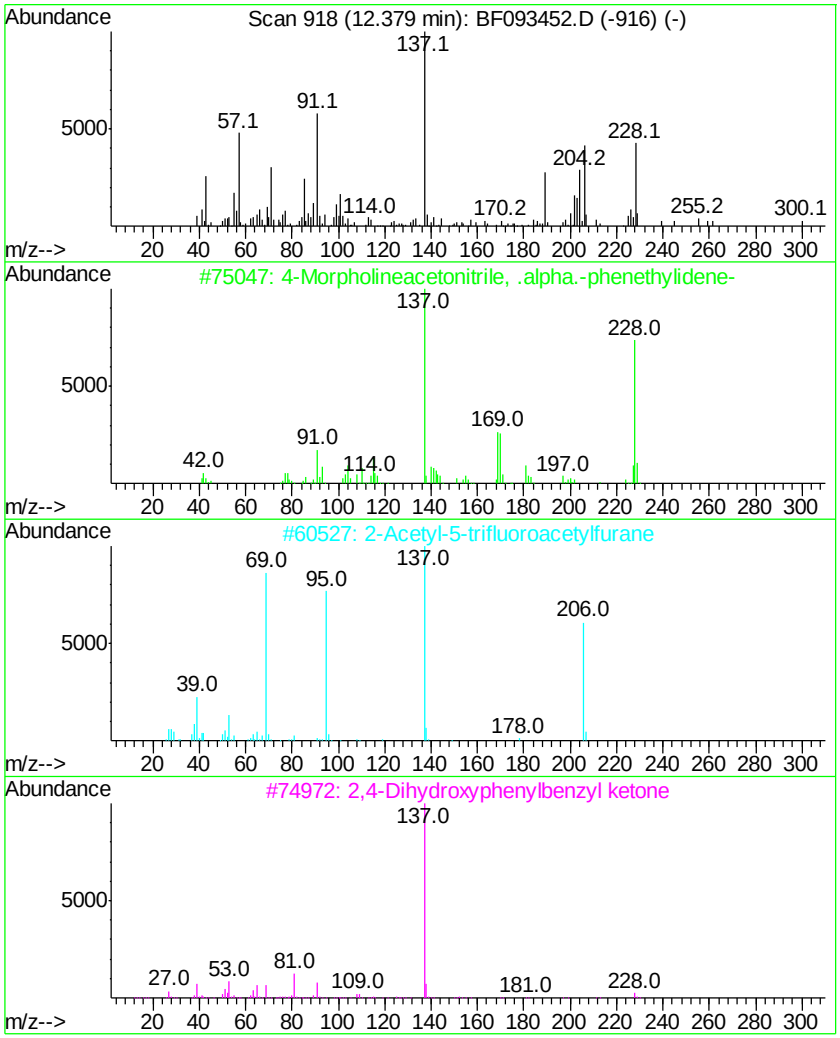
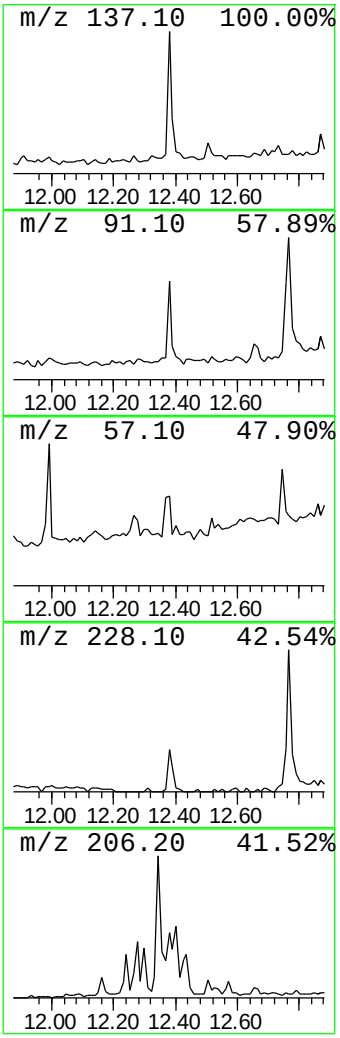
Peak Number 14 unknown12.38 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.54 ng	209618	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Morpholineacetonitrile, .alpha...	228	C14H16N2O	033599-28-9	25
2	2-Acetyl-5-trifluoroacetylfurane	206	C8H5F3O3	1000222-23-5	14
3	2,4-Dihydroxyphenylbenzyl ketone	228	C14H12O3	003669-41-8	10
4	2-Pyrrolidinone, 5-hydroxy-N-(3-...	237	C11H11NO5	1000254-24-5	10
5	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	10





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Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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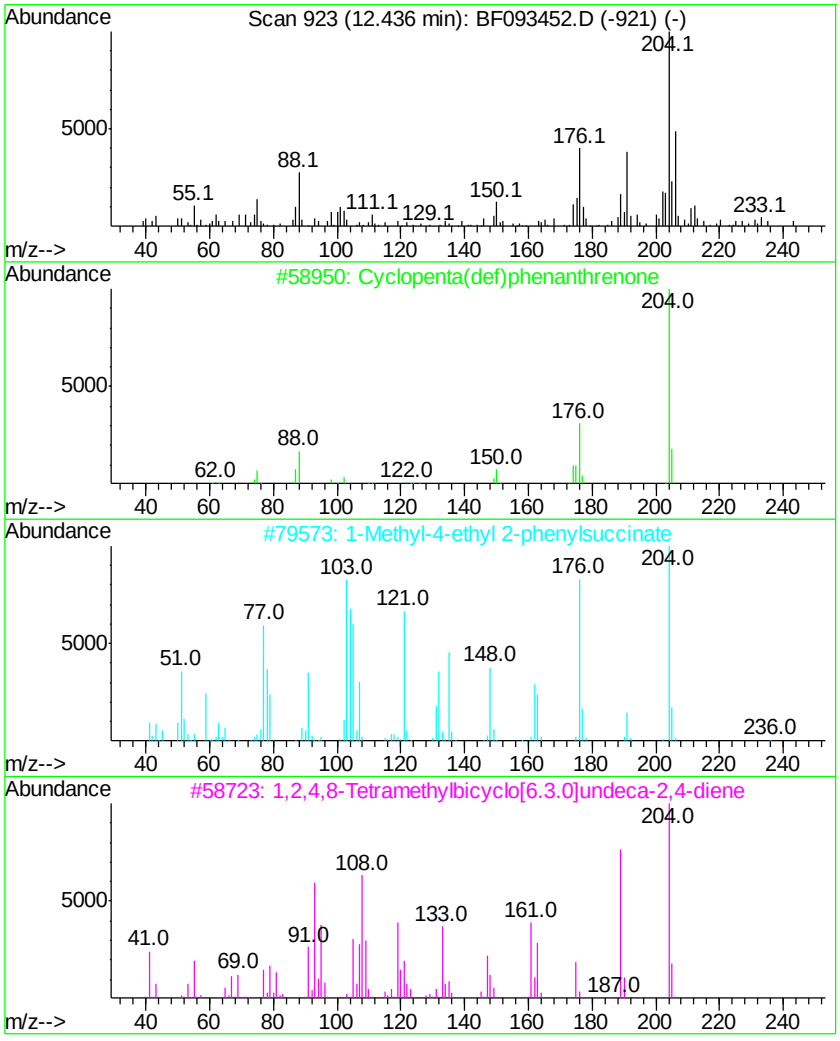
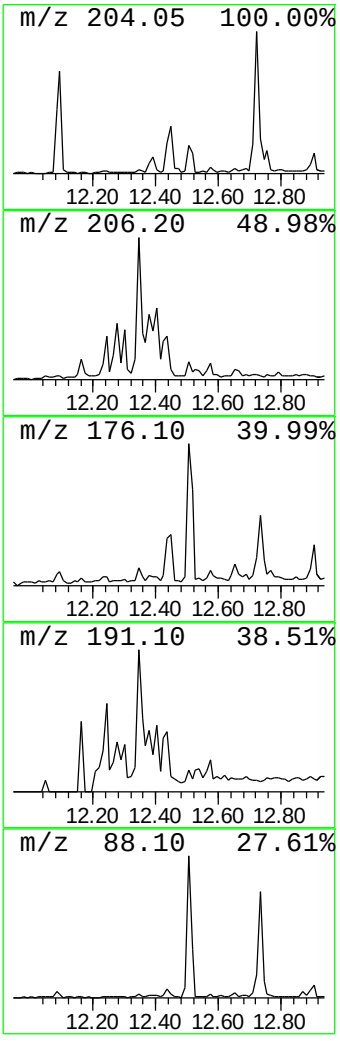
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.24 ng	132579	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	46
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	38





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	18.2	ng	866940	1	6.77	950894	20.0
unknown6.54	6.54	77.8	ng	3699040	1	6.77	950894	20.0
Vanillin	9.29	5.1	ng	333126	3	9.81	1317800	20.0
Dodecane	10.23	3.1	ng	205002	3	9.81	1317800	20.0
Tridecane	10.71	3.5	ng	207883	4	11.29	1184330	20.0
Heptadecane	11.16	2.7	ng	159727	4	11.29	1184330	20.0
Dibenzothiophene	11.19	2.6	ng	154303	4	11.29	1184330	20.0
Anthracene, 2-met...	11.80	4.3	ng	254090	4	11.29	1184330	20.0
5H-Dibenzo[a,d]cy...	11.82	5.5	ng	328101	4	11.29	1184330	20.0
4H-Cyclopenta[def...	11.91	9.7	ng	571291	4	11.29	1184330	20.0
9,10-Anthracenedione	12.13	8.4	ng	494984	4	11.29	1184330	20.0
Phenanthrene, 1,7...	12.35	2.4	ng	139138	4	11.29	1184330	20.0
unknown12.38	12.38	3.5	ng	209618	4	11.29	1184330	20.0
Cyclopenta(def)ph...	12.44	2.2	ng	132579	4	11.29	1184330	20.0