LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-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_F\METHODS\8270-BF013017.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	2.304	9	19	23	rVB	70394	186380	4.32%	0.289%
2	2.796	53	62	66	rBV	43356	111966	2.59%	0.174%
3	3.733	137	144	145	rBV	66495	125220	2.90%	0.194%
4	3.779	145	148	151	rVV	219435	388902	9.01%	0.604%
5	3.893	153	158	163	rVB	56717	108705	2.52%	0.169%
6	4.407	198	203	208	rBV	313339	457604	10.60%	0.711%
7	4.487	208	210	213	rBV	211982	324975	7.53%	0.505%
8	4.956	244	251	254	rBV2	61829	135130	3.13%	0.210%
9	5.024	254	257	267	rVB	1160373	1908754	44.23%	2.965%
10	5.310	279	282	283	rBV2	61176	103177	2.39%	0.160%
11	5.413	288	291	292	rBV2	150045	227389	5.27%	0.353%
12	5.459	292	295	297	rVB	3689708	4211490	97.59%	6.541%
13	5.744	318	320	322	rVB	308210	320438	7.43%	0.498%
14	6.087	347	350	353	rBV3	87162	134440	3.12%	0.209%
15	6.373	374	375	379	rBV3	104305	141578	3.28%	0.220%
16	6.499	383	386	389	rVV	3531711	4186659	97.02%	6.503%
17	6.625	395	397	400	rVB	3867001	3775411	87.49%	5.864%
18	6.693	400	403	405	rVB	164139	201045	4.66%	0.312%
19	6.853	415	417	420	rVB	1234488	1110858	25.74%	1.725%
20	7.013	429	431	433	rBV	3454404	3127848	72.48%	4.858%
21	7.253	450	452	455	rBV3	56379	128338	2.97%	0.199%
22	7.425	464	467	469	rVV	2625561	2616289	60.63%	4.064%
23	7.459	469	470	472	rVV	144971	106567	2.47%	0.166%
24	7.962	510	514	516	rBV2	47950	85080	1.97%	0.132%
25	8.145	527	530	532	rVV	1185190	1432832	33.20%	2.226%
26	8.202	533	535	537	rVB	149898	128002	2.97%	0.199%
27	8.430	551	555	558	rBV3	68912	118895	2.76%	0.185%
28	8.568	564	567	569	rBV	199510	261920	6.07%	0.407%
29	8.728	579	581	584	rBV	114547	150329	3.48%	0.233%
30	9.162	618	619	621	rVB	143974	107711	2.50%	0.167%
31	9.219	621	624	626	rBV	4485036	4315302	100.00%	6.703%
32	9.299	628	631	634	rBV	192778	237799	5.51%	0.369%
33	9.550	652	653	656	rBV	106163	129503	3.00%	0.201%
34	9.608	656	658	660	rBV	612322	643871	14.92%	1.000%

LSC Area Percent Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.825	673	677	679	rVB	258545	273771	6.34%	0.425%
36	9.893	679	683	685	rBV	1534594	1463716	33.92%	2.274%
37	10.053	694	697	698	rBV2	50484	91932	2.13%	0.143%
38	10.088	698	700	703	rVB3	76923	122995	2.85%	0.191%
39	10.133	703	704	707	rVB3	82261	109249	2.53%	0.170%
40	10.202	709	710	712	rBV	79690	124939	2.90%	0.194%
41	10.316	717	720	722	rBV2	197775	341416	7.91%	0.530%
42	10.362	722	724	729	rVB5	38119	102352	2.37%	0.159%
43	10.431	729	730	734	rVB4	61504	99703	2.31%	0.155%
44	10.545	737	740	743	rBV	123532	194142	4.50%	0.302%
45	10.682	749	752	754	rBV	2128909	2116775	49.05%	3.288%
46	10.796	760	762	765	rBV	378141	545213	12.63%	0.847%
47	10.991	776	779	780	rBV2	60963	101507	2.35%	0.158%
48	11.116	788	790	794	rBV2	77141	198689	4.60%	0.309%
49	11.185	794	796	797	rVV	94117	95202	2.21%	0.148%
50	11.242	797	801	802	rVV	338409	361672	8.38%	0.562%
51	11.276	802	804	806	rVB3	110393	159373	3.69%	0.248%
52	11.379	810	813	817	rBV2	1219958	2213717	51.30%	3.438%
53	11.448	818	819	820	rVV	212888	157587	3.65%	0.245%
54	11.482	820	822	824	rVB2	82224	90169	2.09%	0.140%
55	11.551	826	828	830	rVB2	93676	116314	2.70%	0.181%
56	11.585	830	831	832	rBV	96705	89929	2.08%	0.140%
57	11.665	836	838	840	rVB	240076	201012	4.66%	0.312%
58	11.711	840	842	845	rVB2	75227	118146	2.74%	0.184%
59	11.756	845	846	848	rBV	114799	131709	3.05%	0.205%
60	11.871	855	856	857	rBV	171407	203666	4.72%	0.316%
61	11.905	857	859	861	rVB	415295	383288	8.88%	0.595%
62	11.951	861	863	864	rBV	105221	117174	2.72%	0.182%
63	11.985	864	866	870	rVB2	478277	688692	15.96%	1.070%
64	12.076	870	874	875	rBV	225616	298724	6.92%	0.464%
65	12.168	881	882	887	rBV3	204410	375431	8.70%	0.583%
66	12.317	893	895	897	rBV3	103687	170090	3.94%	0.264%
67	12.351	897	898	899	rVV	138720	99503	2.31%	0.155%
68	12.419	903	904	906	rBV	241002	333898	7.74%	0.519%
69	12.465	906	908	911	rVB	243867	352284	8.16%	0.547%
70	12.511	911	912	916	rVB3	152119	161452	3.74%	0.251%
71	12.591	916	919	921	rBV	2355827	2231654	51.71%	3.466%

LSC Area Percent Report

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Acq On : 17 Feb 2017 21:31
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Misc :
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Instrument : BNA_F
ClientSampleId : PIT-C-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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.637	921	923	926	rVB3	91813	187330	4.34%	0.291%
73	12.739	928	932	933	rBV3	80405	175275	4.06%	0.272%
74	12.819	936	939	942	rBV	1904629	2257339	52.31%	3.506%
75	12.865	942	943	946	rVB3	119232	161895	3.75%	0.251%
76	12.957	949	951	954	rVB	2212306	3032462	70.27%	4.710%
77	13.037	954	958	962	rBV3	151998	254860	5.91%	0.396%
78	13.139	964	967	969	rVB2	233700	451119	10.45%	0.701%
79	13.208	969	973	974	rBV2	181427	322938	7.48%	0.502%
80	13.242	974	976	978	rVB	171113	212807	4.93%	0.331%
81	13.368	986	987	989	rBV2	102601	118846	2.75%	0.185%
82	13.528	999	1001	1003	rBV	148376	243370	5.64%	0.378%
83	13.562	1003	1004	1008	rVB4	165026	209599	4.86%	0.326%
84	13.654	1010	1012	1014	rVB	193942	230745	5.35%	0.358%
85	13.757	1019	1021	1023	rBV	197855	276670	6.41%	0.430%
86	13.860	1028	1030	1033	rVB	356224	428777	9.94%	0.666%
87	14.008	1040	1043	1045	rBV2	1276305	2174044	50.38%	3.377%
88	14.042	1045	1046	1049	rVB	863058	727683	16.86%	1.130%
89	14.111	1050	1052	1054	rBV2	91781	155850	3.61%	0.242%
90	14.397	1075	1077	1079	rBV	211663	238214	5.52%	0.370%
91	14.431	1079	1080	1082	rVV	127941	107038	2.48%	0.166%
92	14.477	1082	1084	1087	rVV4	125479	238575	5.53%	0.371%
93	14.522	1087	1088	1092	rVB3	101481	160162	3.71%	0.249%
94	15.037	1130	1133	1137	rBV	851180	1618734	37.51%	2.514%
95	15.140	1140	1142	1143	rBV	142575	134077	3.11%	0.208%
96	15.323	1156	1158	1161	rVB	440051	624404	14.47%	0.970%
97	15.391	1161	1164	1166	rVB	656505	829613	19.22%	1.289%
98	15.448	1166	1169	1171	rBV	649538	959352	22.23%	1.490%
99	16.854	1289	1292	1296	rVB	312749	575560	13.34%	0.894%
100	17.277	1326	1329	1335	rBV	231198	486589	11.28%	0.756%

Sum of corrected areas: 64381419

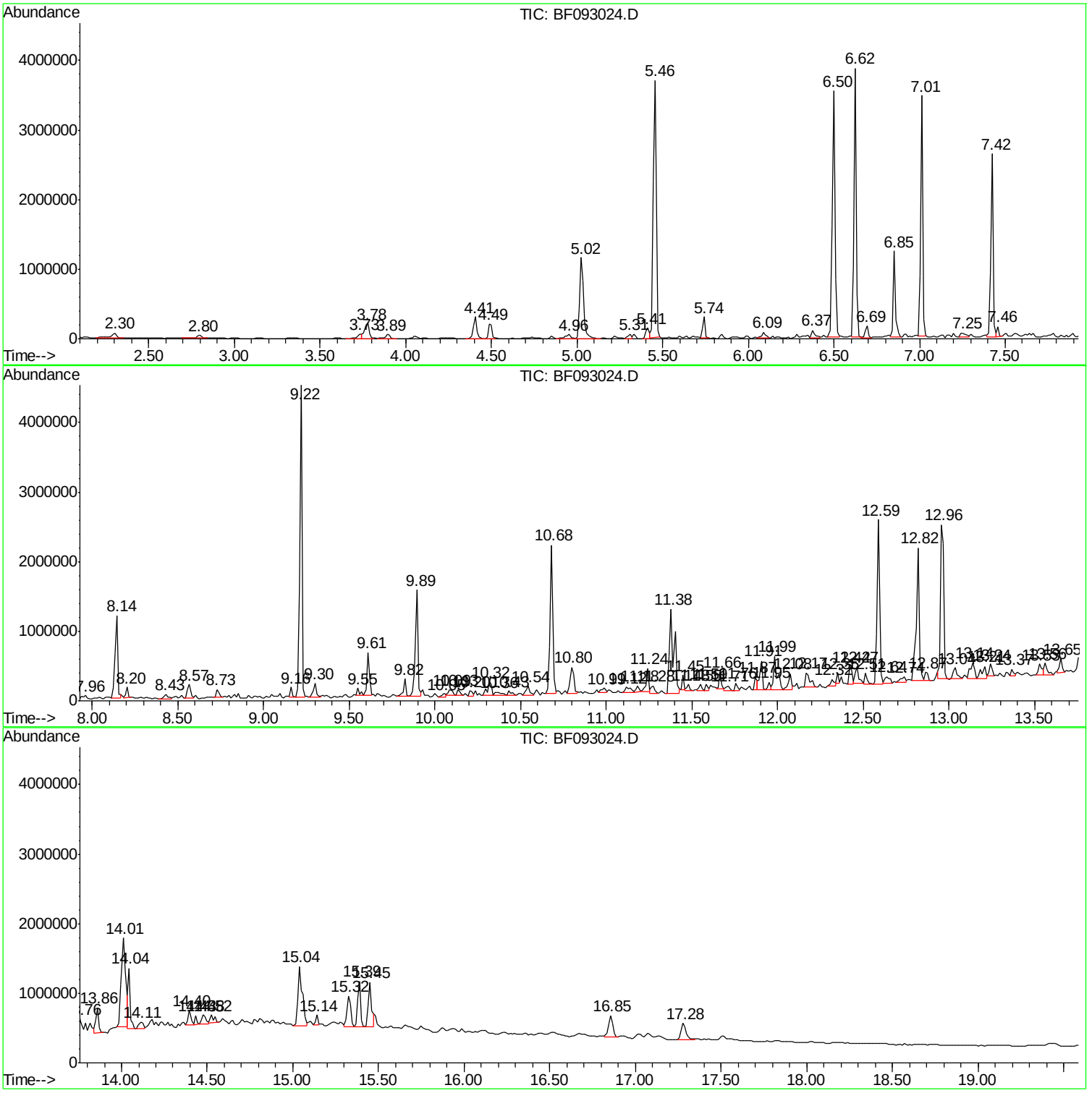
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF021717\
Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
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Sample : I1884-07
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

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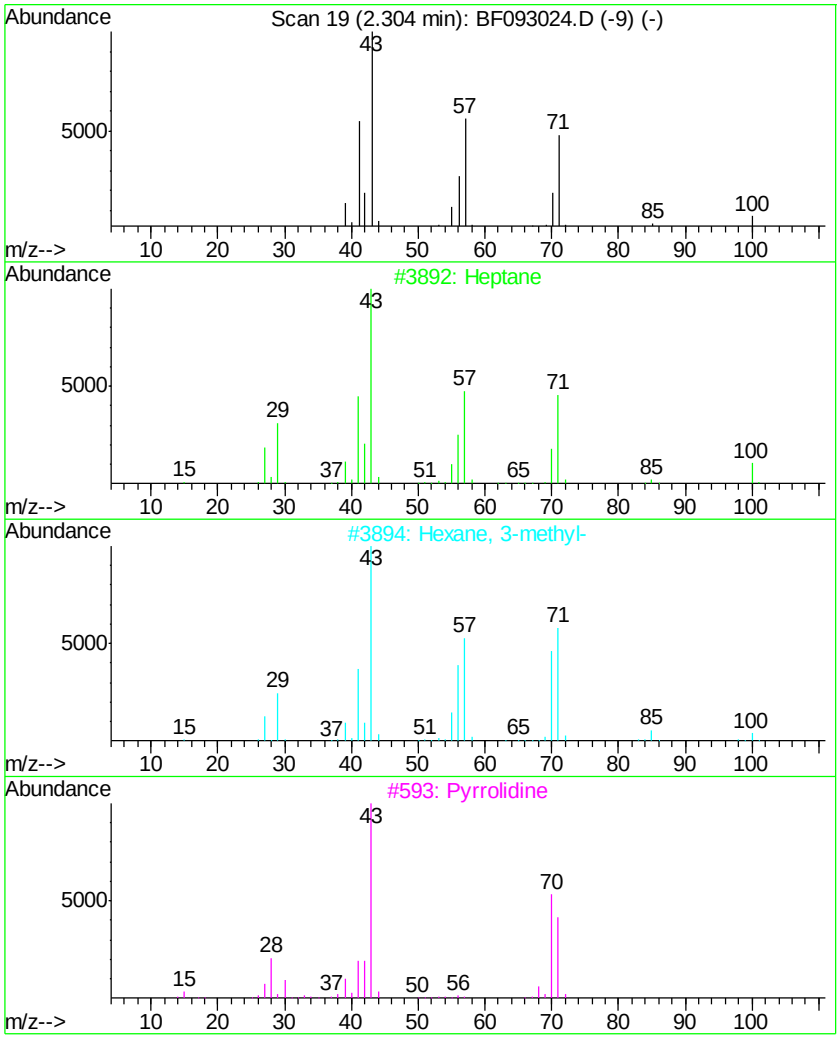
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

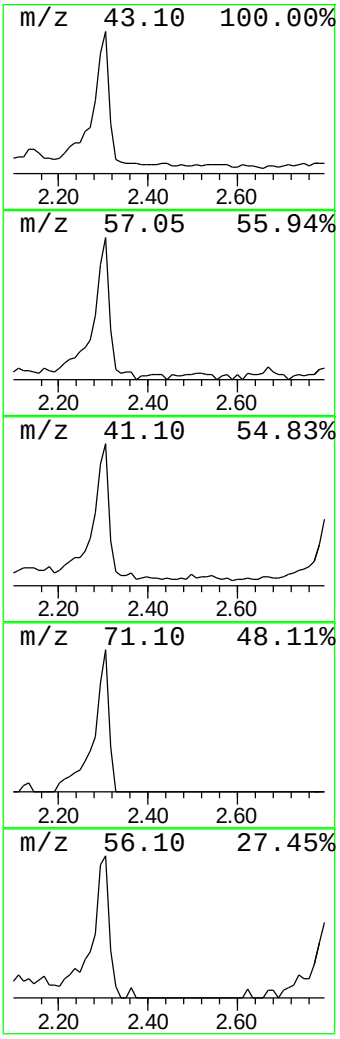
****

Peak Number 1 Heptane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	3.36 ng	186380	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	Pyrrolidine	71	C4H9N	000123-75-1	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	45
5	Octane	114	C8H18	000111-65-9	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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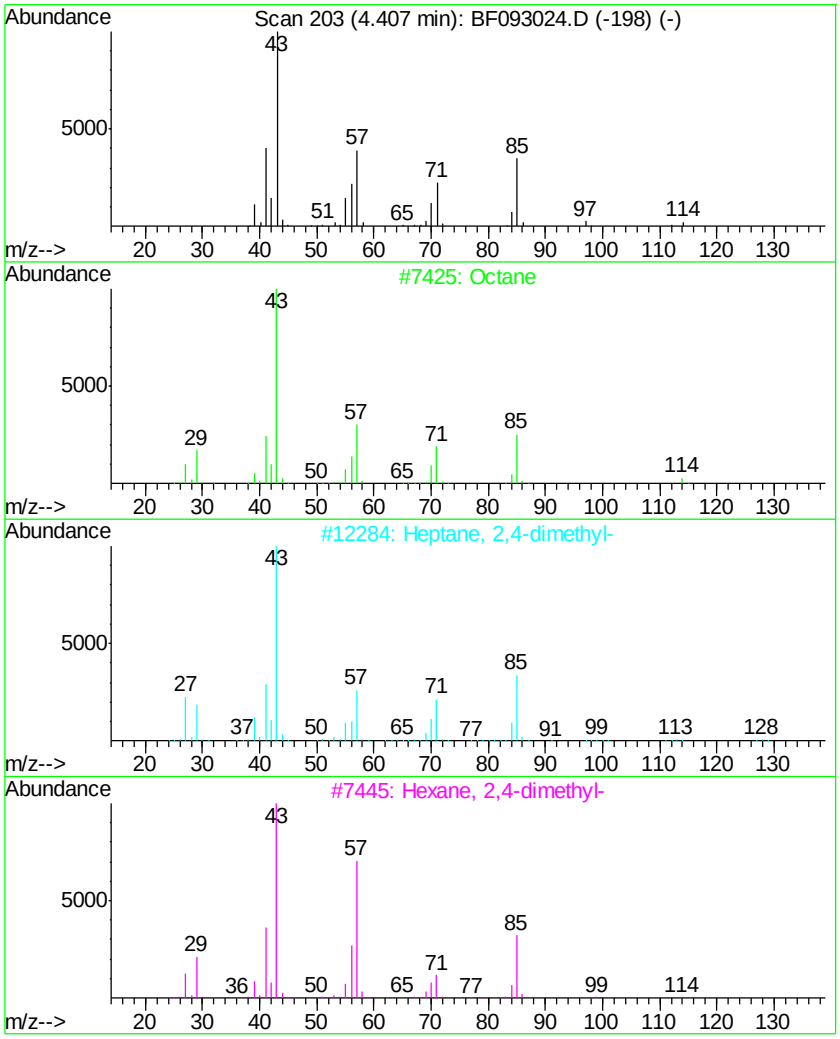
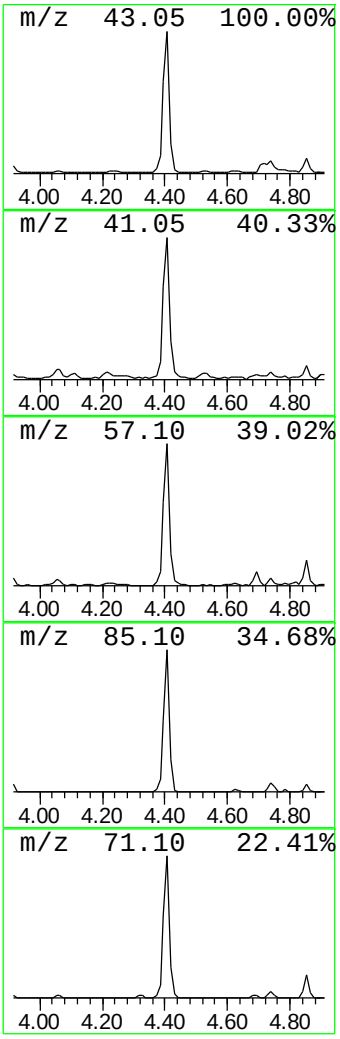
Peak Number 3 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	8.24 ng	457604	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	56





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Sample : I1884-07
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Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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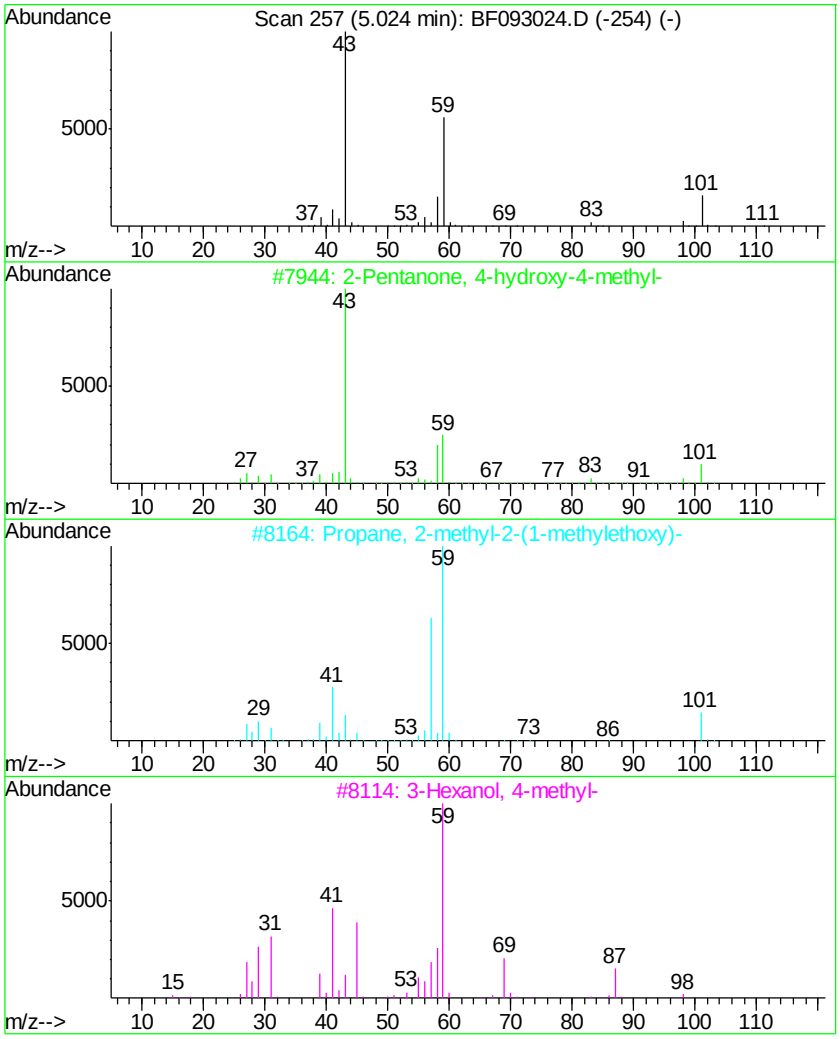
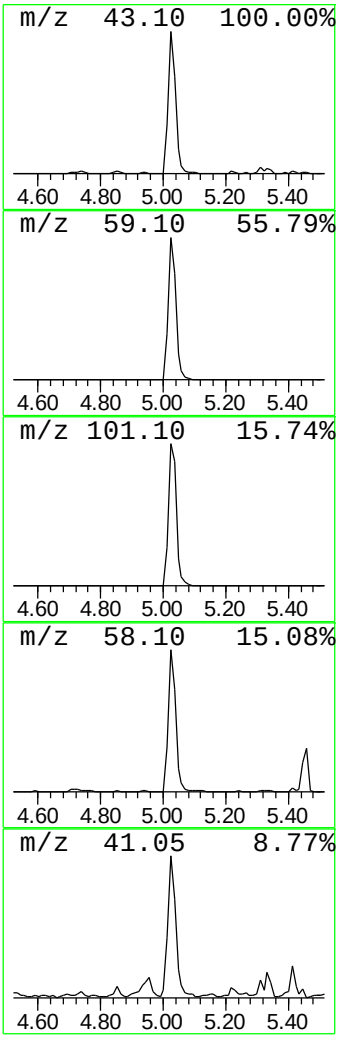
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	34.37 ng	1908750	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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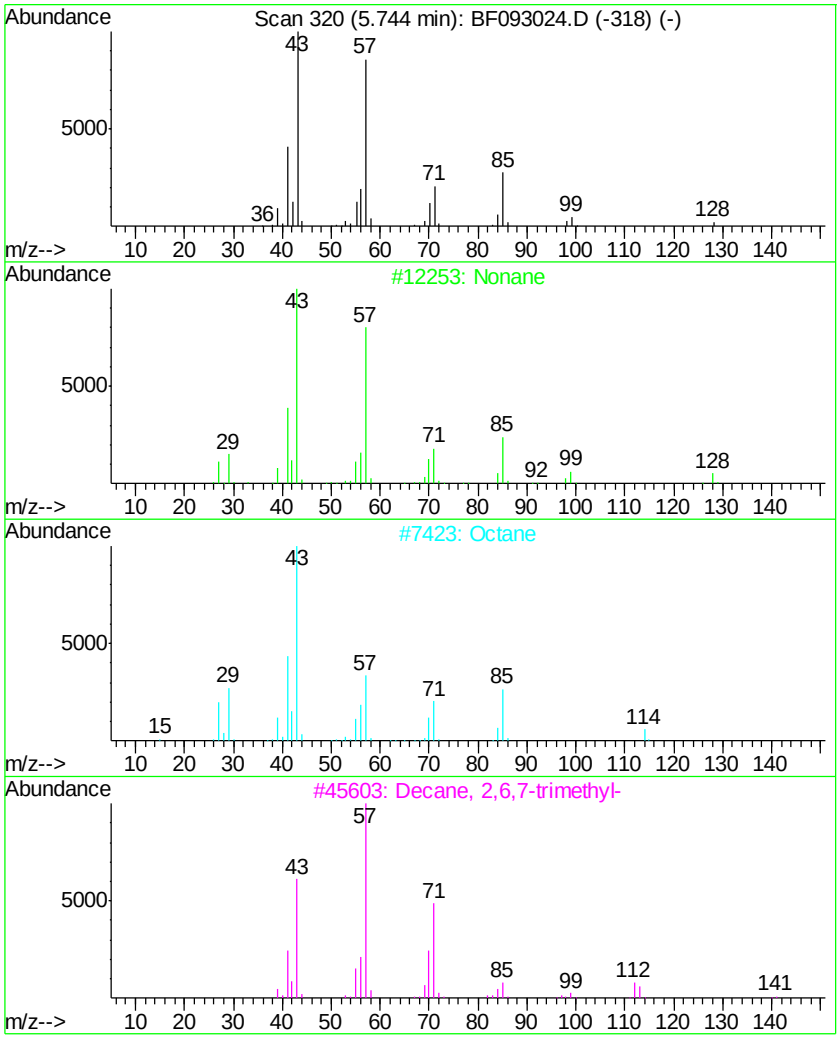
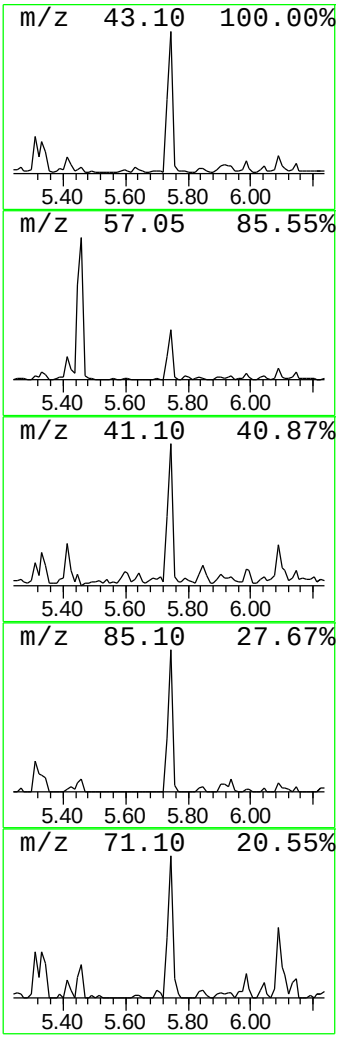
Peak Number 6 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	5.77 ng	320438	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Octane	114	C8H18	000111-65-9	64
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4	Decane	142	C10H22	000124-18-5	59
5	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	53





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Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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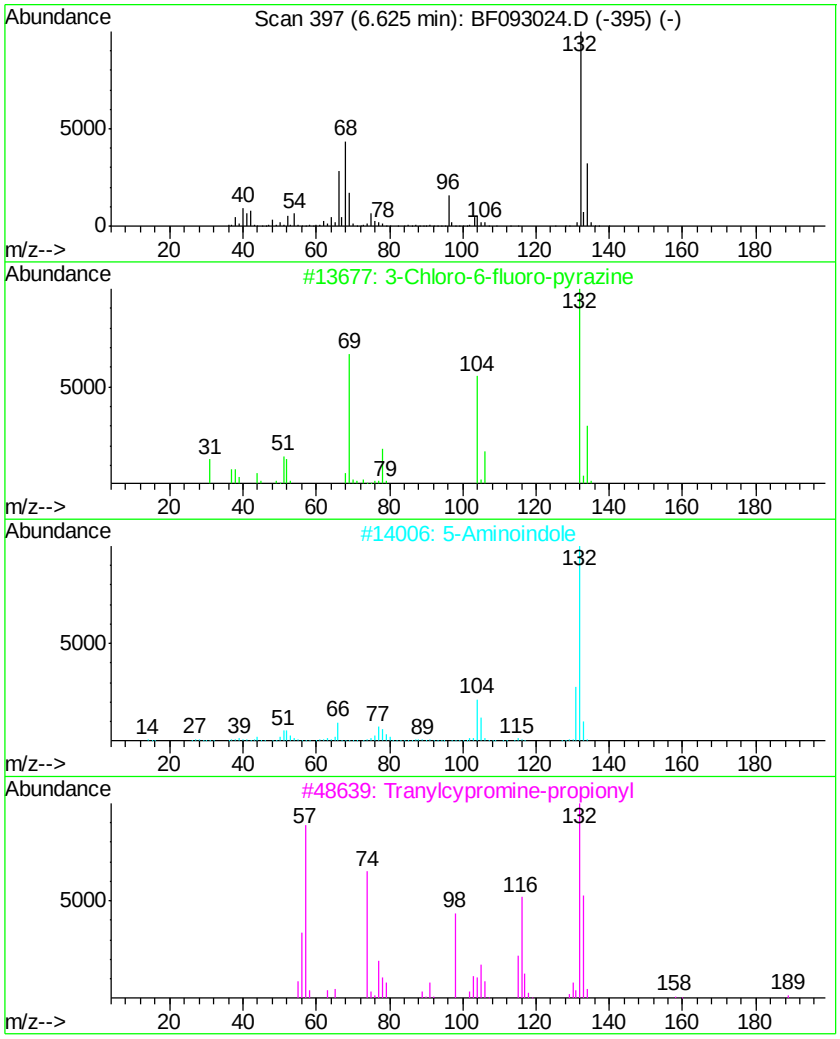
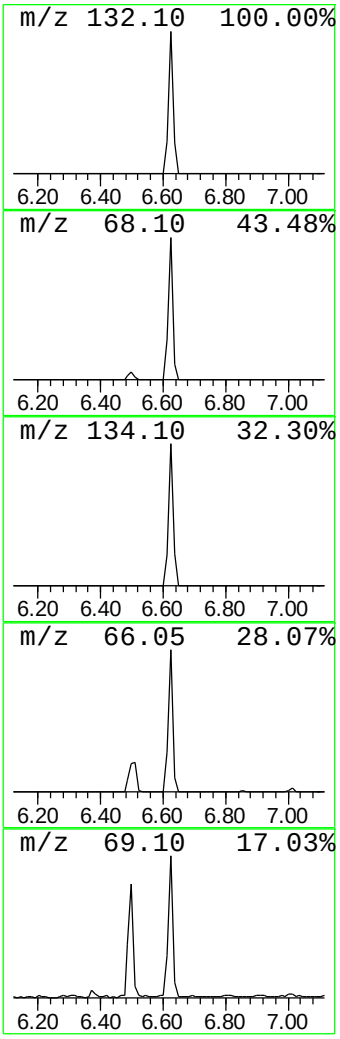
Peak Number 7 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	67.97 ng	3775410	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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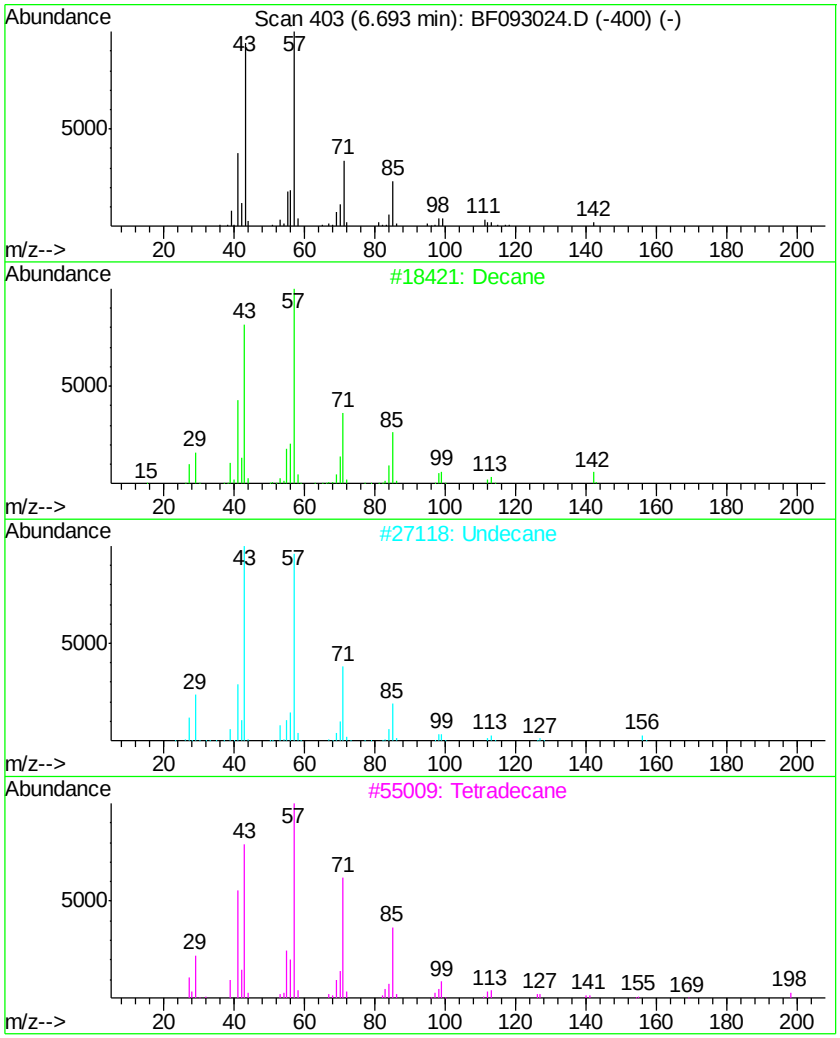
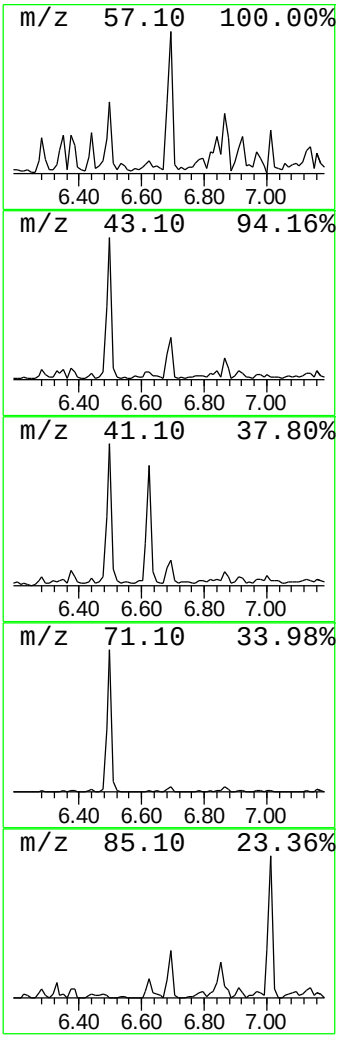
Peak Number 8 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	3.62 ng	201045	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	90
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





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Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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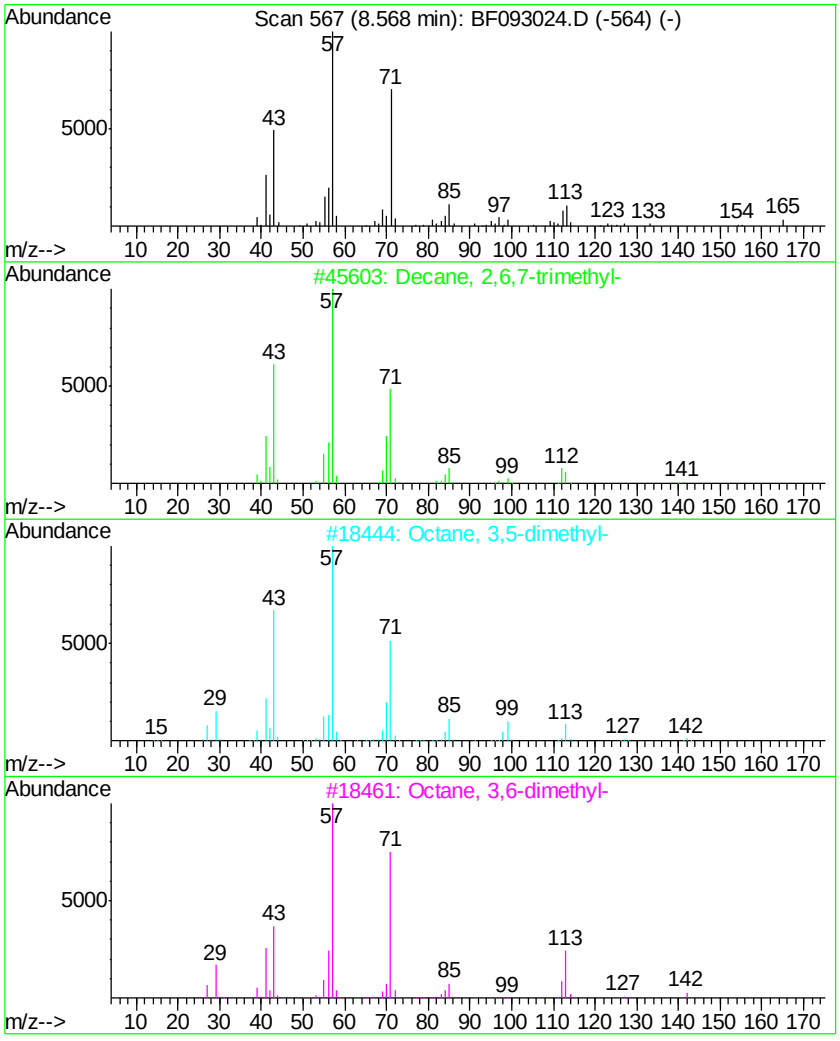
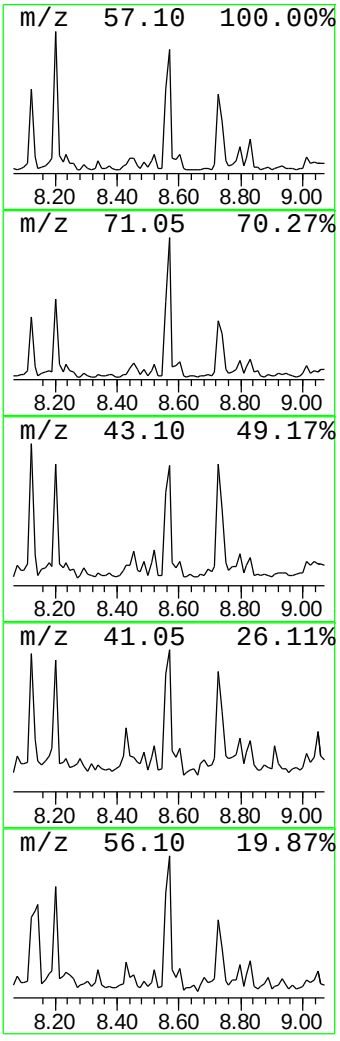
Peak Number 10 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.66 ng	261920	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72





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Sample : I1884-07
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Instrument : BNA_F
ClientSampleId : PIT-C-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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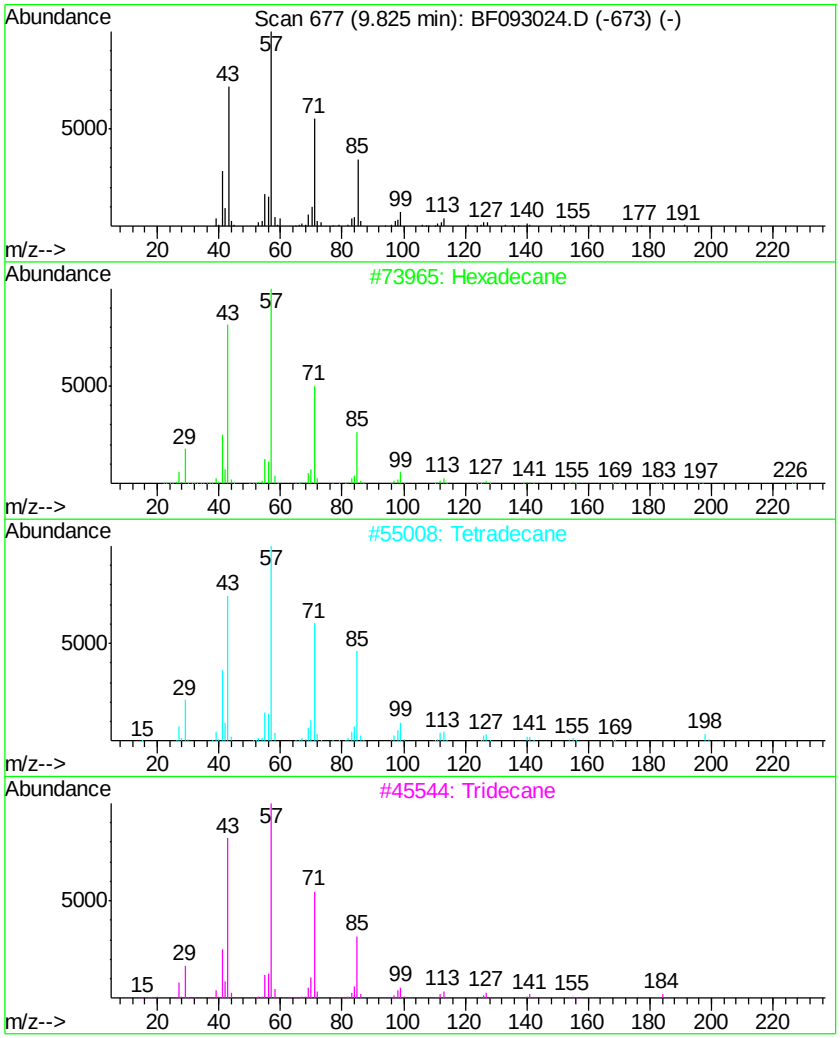
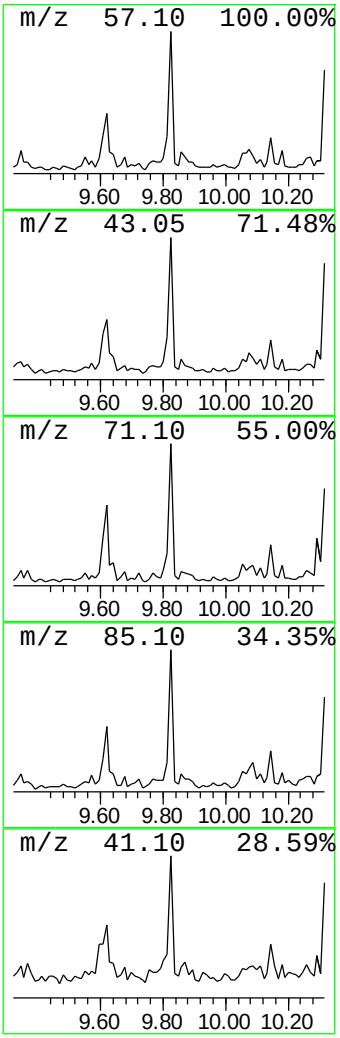
Peak Number 11 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.74 ng	273771	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Tetratetracontane	619	C44H90	007098-22-8	64





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Acq On : 17 Feb 2017 21:31
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Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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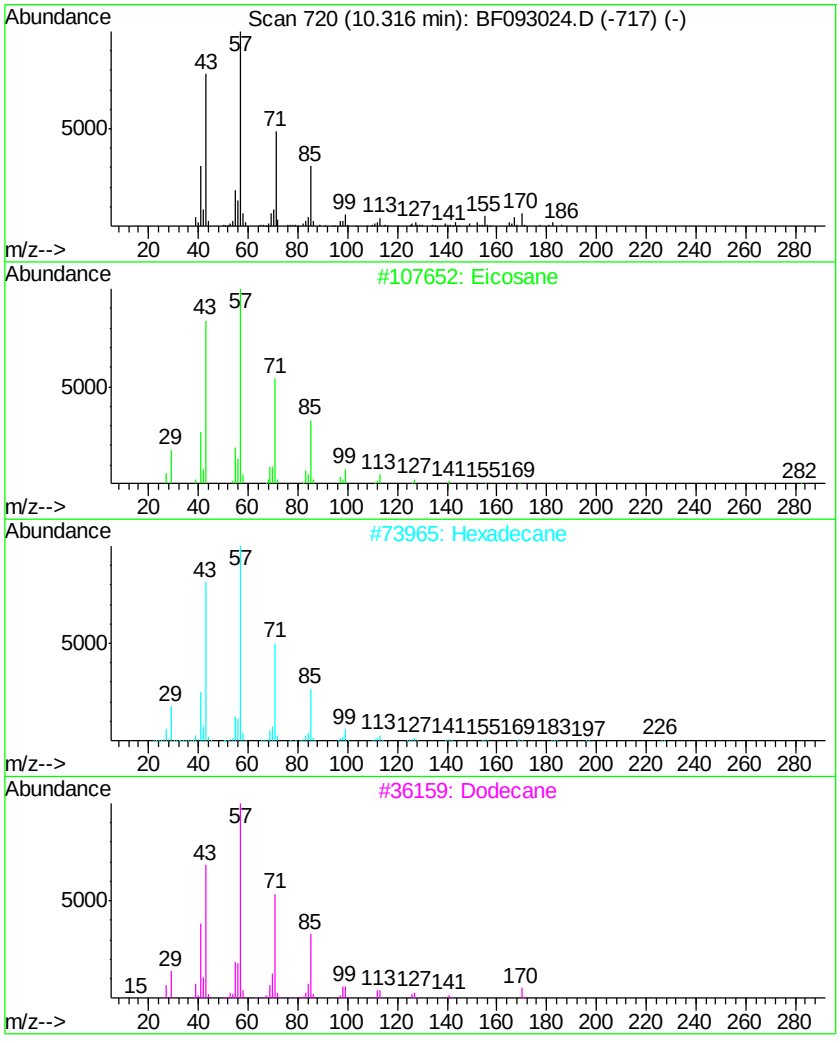
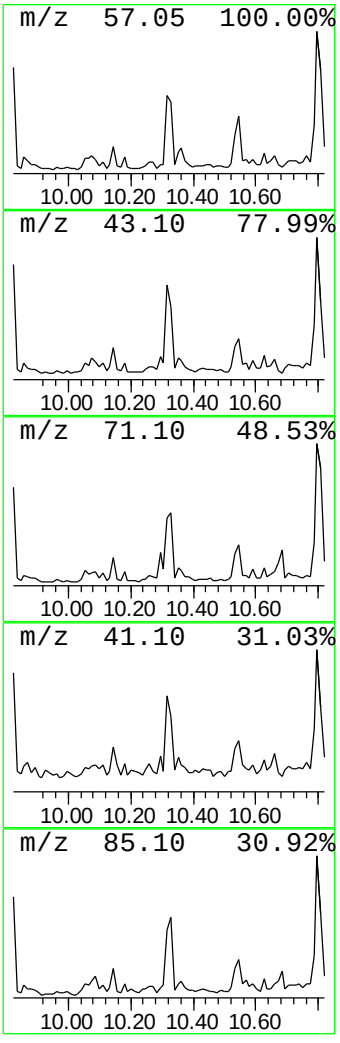
Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	4.67 ng	341416	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Dodecane	170	C12H26	000112-40-3	81
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	72





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Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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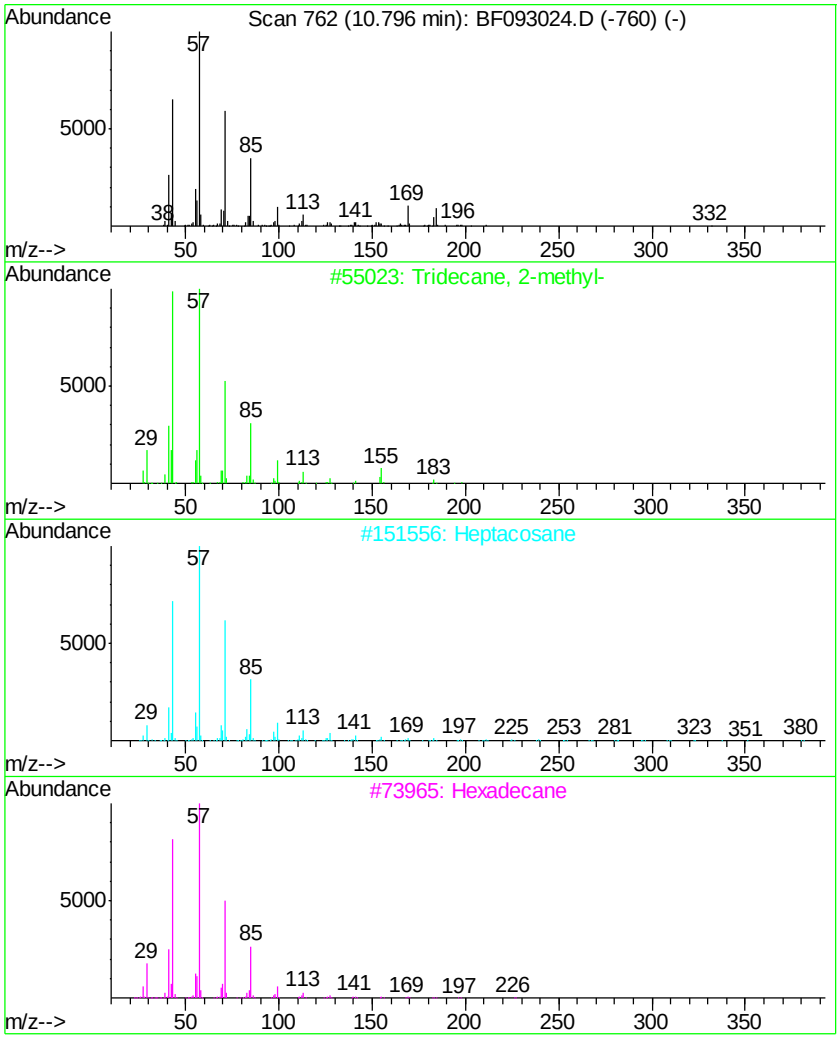
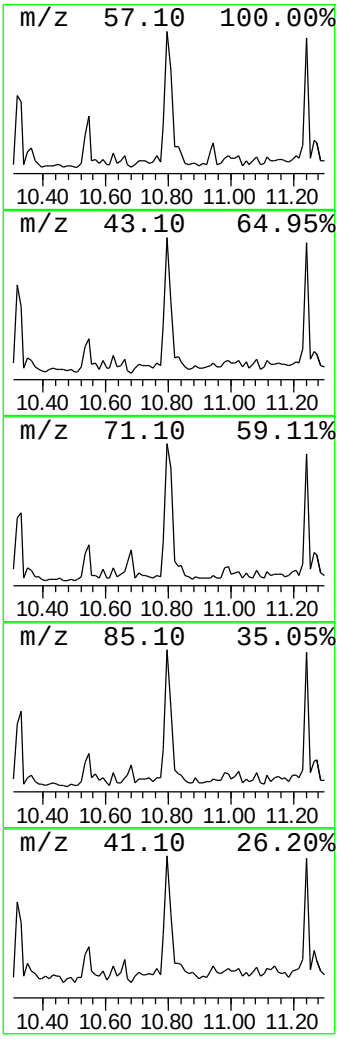
Peak Number 13 Tridecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.93 ng	545213	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
2	Heptacosane	380	C27H56	000593-49-7	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53





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Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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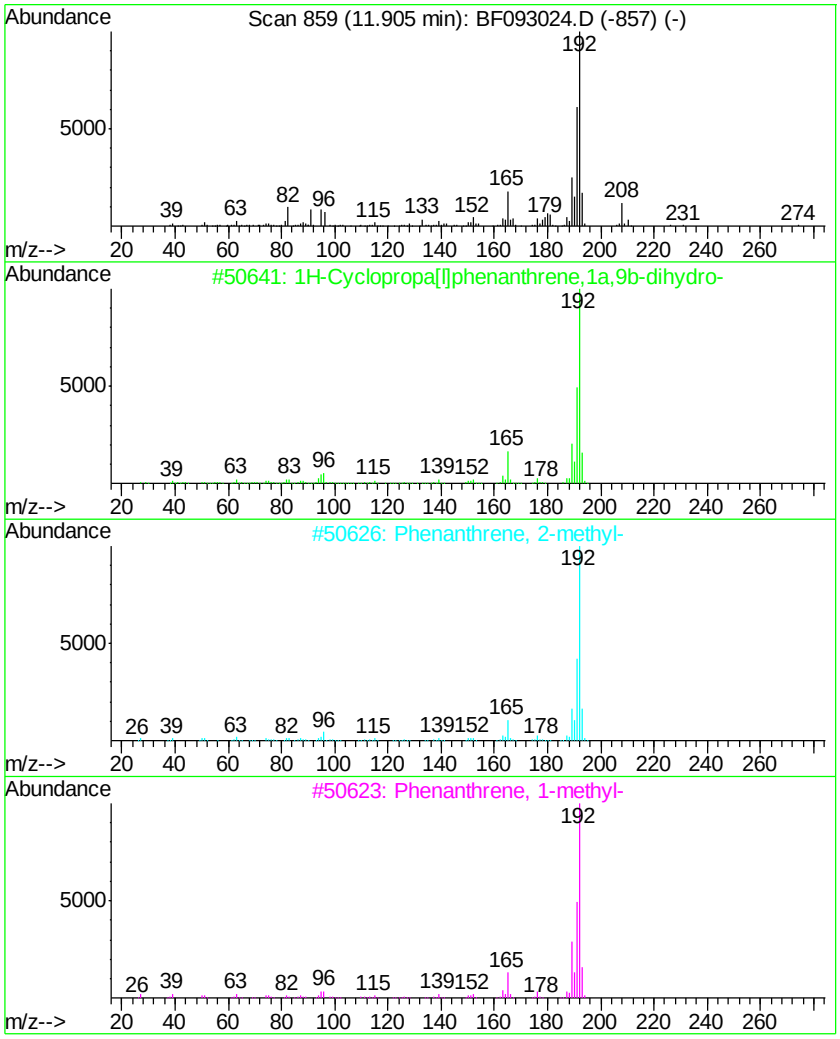
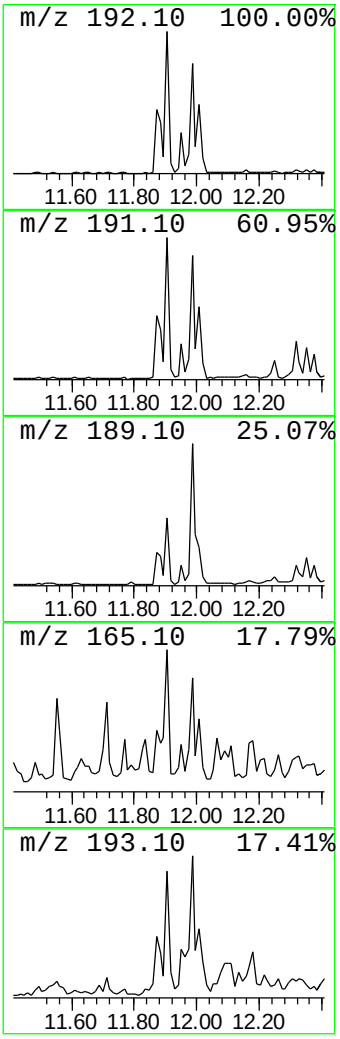
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.46 ng	383288	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : I1884-07
Misc :
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ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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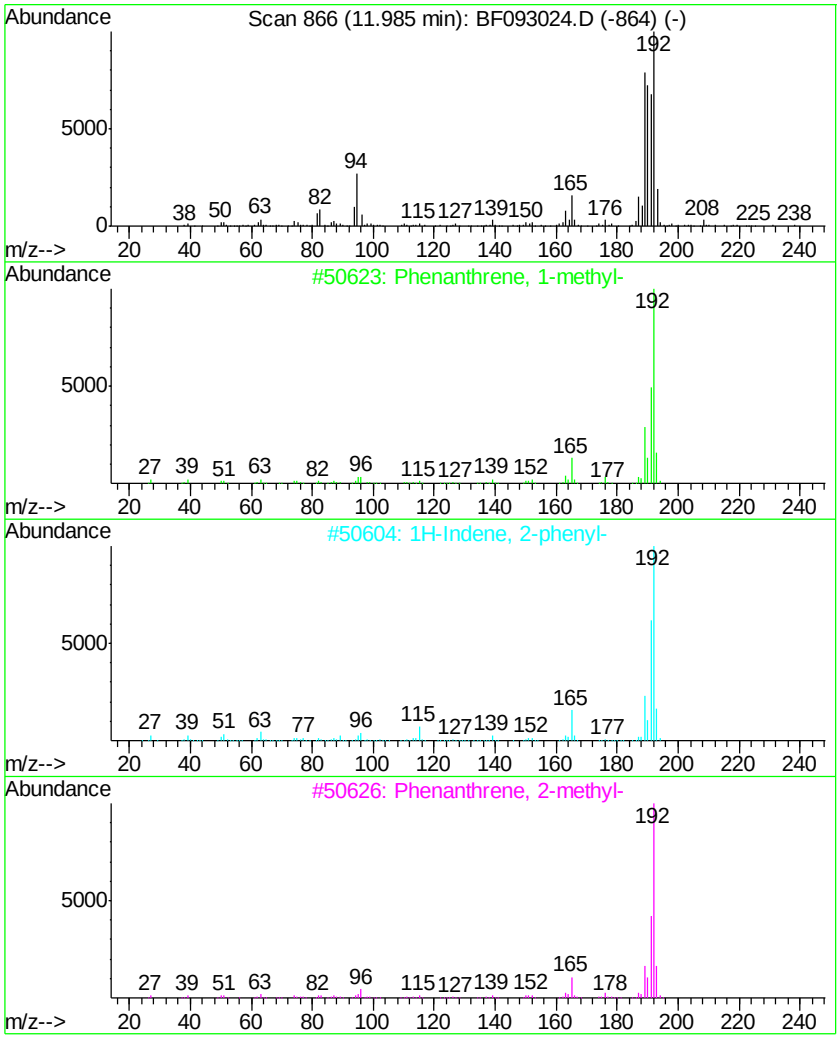
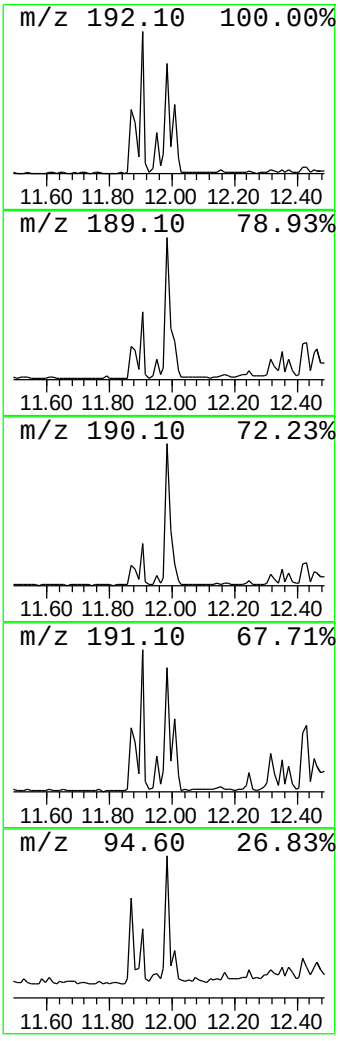
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.22 ng	688692	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46





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Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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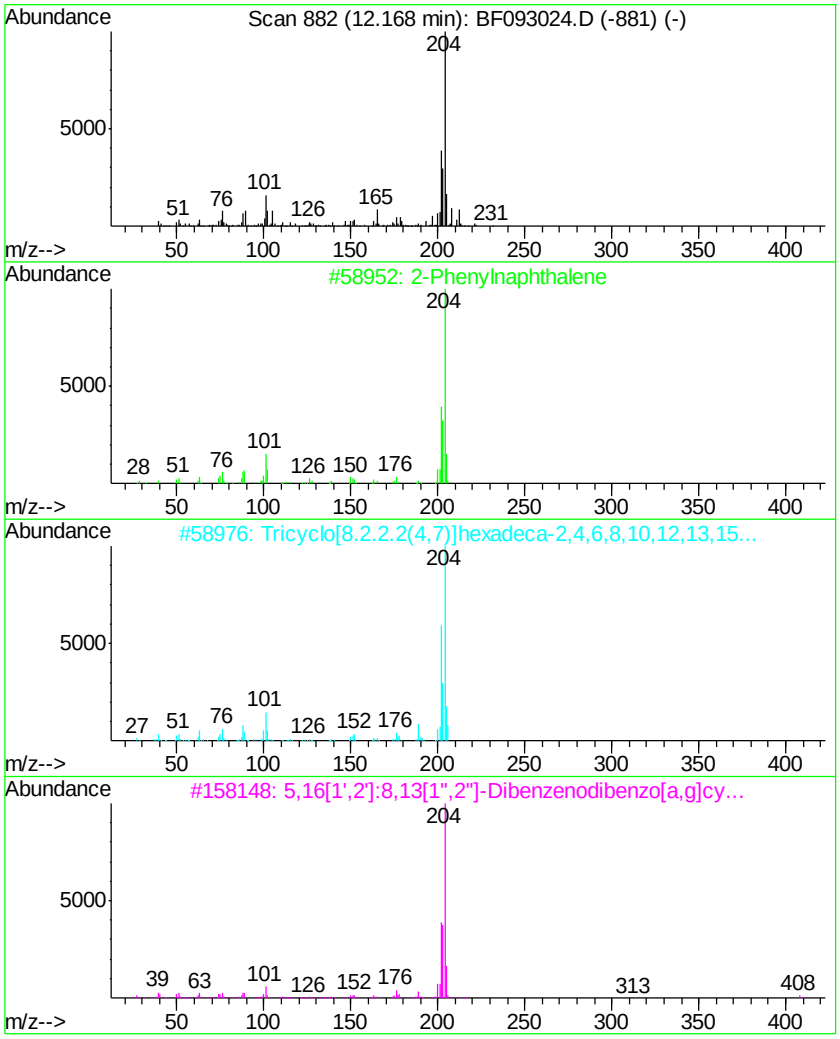
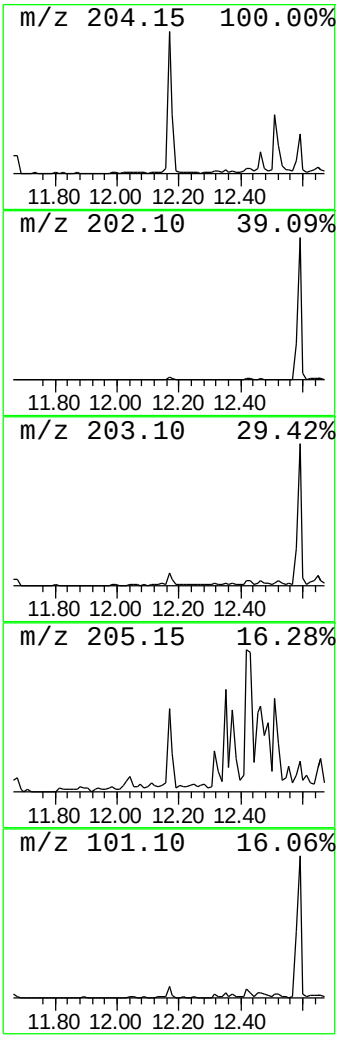
Peak Number 17 2-Phenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.39 ng	375431	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	55





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Acq On : 17 Feb 2017 21:31
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Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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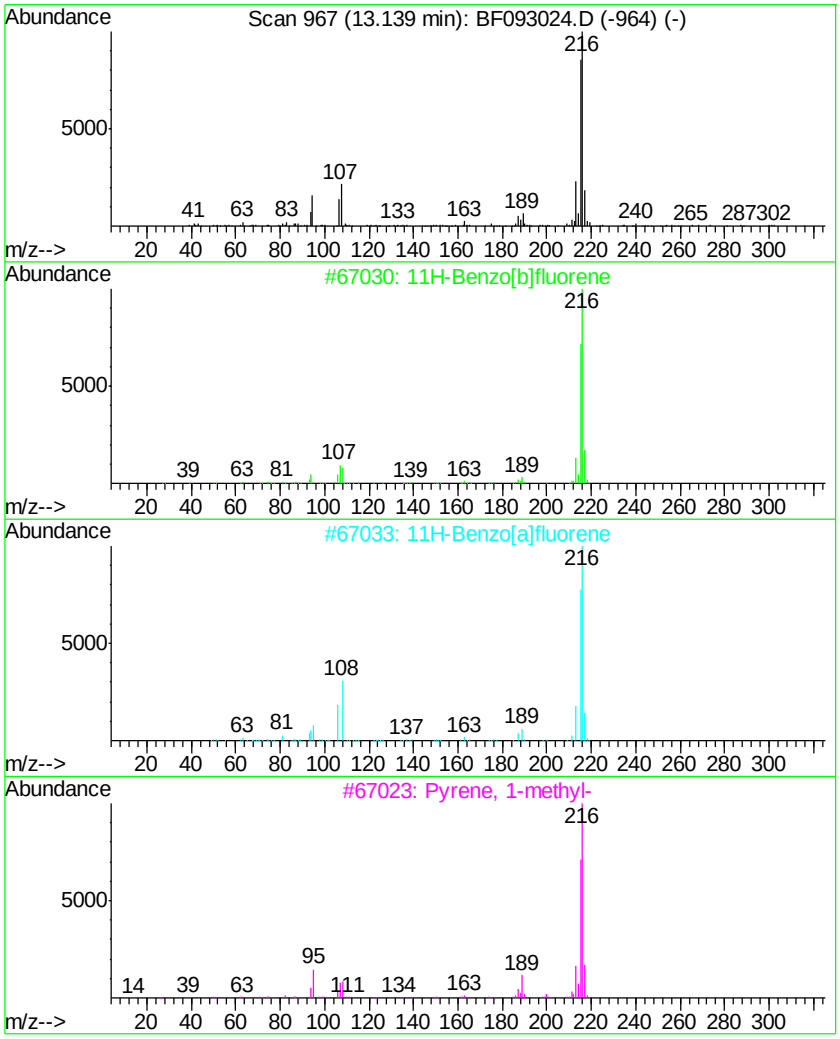
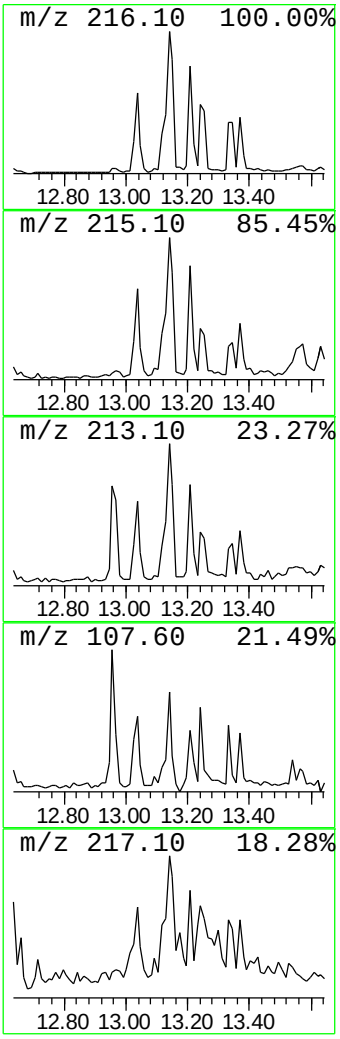
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.15 ng	451119	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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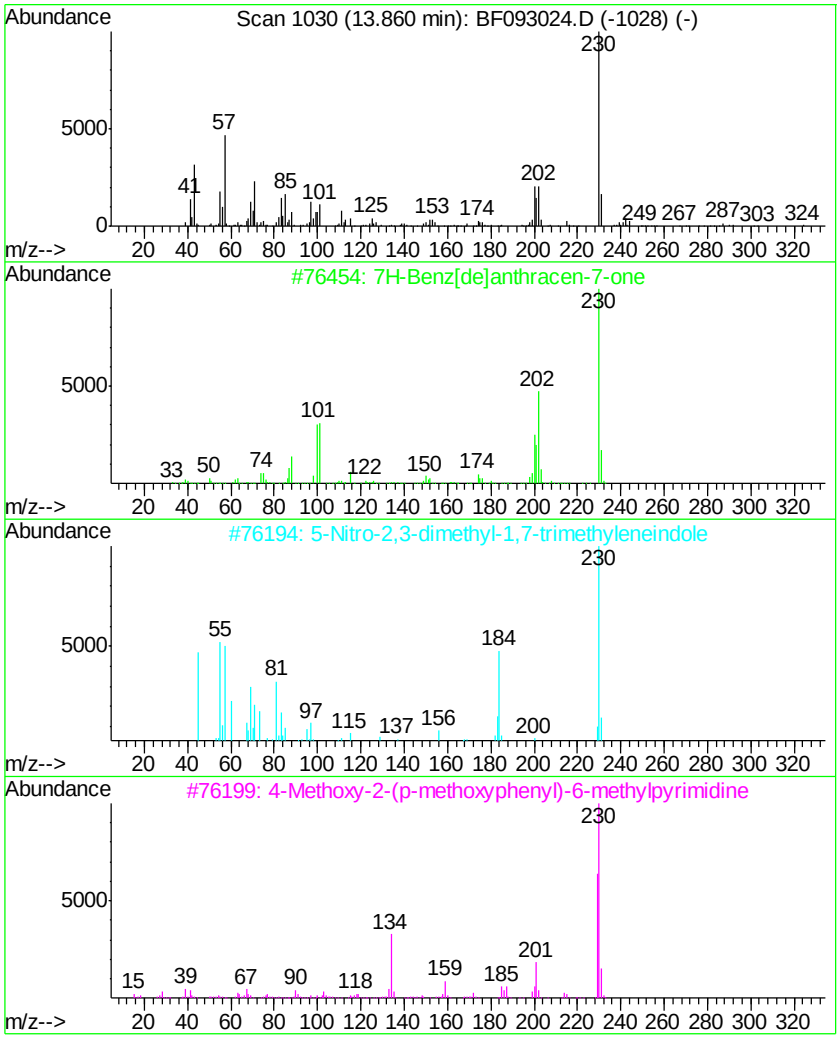
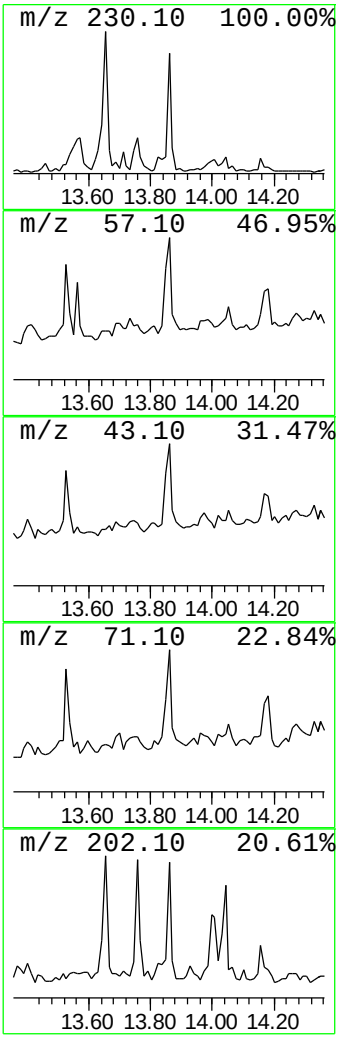
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.94 ng	428777	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
2	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	53
3	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	43
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	43
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	43





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ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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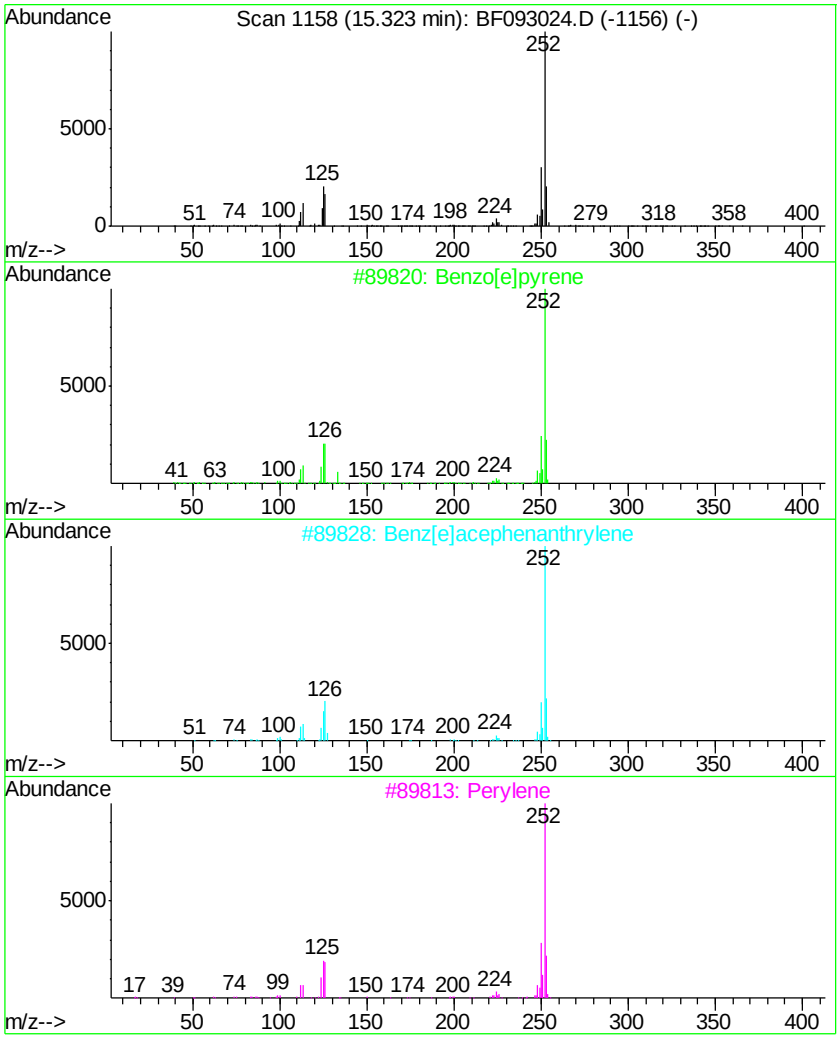
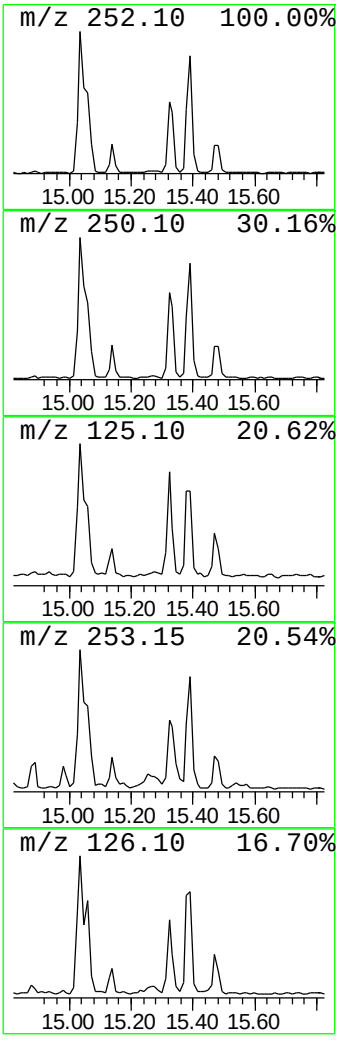
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	13.02 ng	624404	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

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Data File : BF093024.D
Acq On : 17 Feb 2017 21:31
Operator : SJ/MA
Sample : I1884-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
Heptane	2.30	3.4	ng	186380	1	6.85	1110860	20.0
Octane	4.41	8.2	ng	457604	1	6.85	1110860	20.0
2-Pentanone, 4-hy...	5.02	34.4	ng	1908750	1	6.85	1110860	20.0
Nonane	5.74	5.8	ng	320438	1	6.85	1110860	20.0
unknown6.62	6.62	68.0	ng	3775410	1	6.85	1110860	20.0
Decane	6.69	3.6	ng	201045	1	6.85	1110860	20.0
Decane, 2,6,7-tri...	8.57	3.7	ng	261920	2	8.14	1432830	20.0
Hexadecane	9.82	3.7	ng	273771	3	9.89	1463720	20.0
Eicosane	10.32	4.7	ng	341416	3	9.89	1463720	20.0
Tridecane, 2-methyl-	10.80	4.9	ng	545213	4	11.38	2213720	20.0
1H-Cyclopropa[l]p...	11.91	3.5	ng	383288	4	11.38	2213720	20.0
Phenanthrene, 1-m...	11.99	6.2	ng	688692	4	11.38	2213720	20.0
2-Phenylnaphthalene	12.17	3.4	ng	375431	4	11.38	2213720	20.0
11H-Benzo[b]fluorene	13.14	4.2	ng	451119	5	14.02	2174040	20.0
7H-Benz[de]anthra...	13.86	3.9	ng	428777	5	14.02	2174040	20.0
Benzo[e]pyrene	15.32	13.0	ng	624404	6	15.45	959352	20.0