LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

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-BF063016.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	1.850	21	23	31	rVB	42919	63178	2.51%	0.197%
2	4.958	292	295	299	rBV	100029	157849	6.26%	0.491%
3	5.381	329	332	334	rBV	2267428	2148229	85.22%	6.686%
4	6.421	420	423	426	rVB	2050465	2076690	82.38%	6.464%
5	6.559	432	435	437	rBV	1764355	2365273	93.83%	7.362%
6	6.787	452	455	457	rBV	859122	713716	28.31%	2.221%
7	6.947	466	469	471	rVB	1691927	1899650	75.36%	5.913%
8	7.347	501	504	507	rBV	1423965	1354104	53.72%	4.215%
9	8.067	565	567	570	rBV	934799	889317	35.28%	2.768%
10	8.776	627	629	631	rVB2	20740	26272	1.04%	0.082%
11	9.153	659	662	664	rBV	1944483	2520802	100.00%	7.846%
12	9.233	664	669	671	rVV	19180	27979	1.11%	0.087%
13	9.485	689	691	692	rBV	23521	32643	1.29%	0.102%
14	9.542	694	696	698	rVV	257622	243347	9.65%	0.757%
15	9.679	706	708	710	rVV	81103	66150	2.62%	0.206%
16	9.759	714	715	718	rBV	22758	27944	1.11%	0.087%
17	9.816	718	720	722	rVV2	861757	845182	33.53%	2.631%
18	9.850	722	723	725	rVB	93272	70552	2.80%	0.220%
19	10.022	736	738	740	rVB	69400	53447	2.12%	0.166%
20	10.228	754	756	758	rBV	19612	29121	1.16%	0.091%
21	10.262	758	759	761	rVB	55948	42876	1.70%	0.133%
22	10.365	766	768	771	rVB	71716	76674	3.04%	0.239%
23	10.433	771	774	776	rBV3	14591	40099	1.59%	0.125%
24	10.479	776	778	780	rVV2	25670	26432	1.05%	0.082%
25	10.525	780	782	784	rVB	26578	34567	1.37%	0.108%
26	10.605	786	789	791	rBV	1233137	1185216	47.02%	3.689%
27	10.730	798	800	804	rVB	75500	99215	3.94%	0.309%
28	10.913	812	816	817	rBV2	21999	43388	1.72%	0.135%
29	11.062	824	829	831	rBV4	40099	95888	3.80%	0.298%
30	11.096	831	832	835	rVV	52722	61084	2.42%	0.190%
31	11.153	835	837	838	rVV	30560	41511	1.65%	0.129%
32	11.176	838	839	846	rVV2	83148	169087	6.71%	0.526%
33	11.302	847	850	851	rVV	518545	988862	39.23%	3.078%
34	11.325	851	852	853	rVV	698216	486344	19.29%	1.514%

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Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.371	853	856	858	rVV	266806	249289	9.89%	0.776%
36	11.405	858	859	862	rVB2	25320	28798	1.14%	0.090%
37	11.519	867	869	871	rVV2	74617	97030	3.85%	0.302%
38	11.599	874	876	880	rVB2	43205	86397	3.43%	0.269%
39	11.793	891	893	894	rBV	122457	119270	4.73%	0.371%
40	11.828	894	896	898	rVB	157373	170580	6.77%	0.531%
41	11.873	898	900	901	rBV	73939	74740	2.96%	0.233%
42	11.908	901	903	907	rVB2	204817	297686	11.81%	0.927%
43	12.011	907	912	915	rBV4	42410	110460	4.38%	0.344%
44	12.091	917	919	923	rVB2	104852	167351	6.64%	0.521%
45	12.239	929	932	934	rBV	50657	80756	3.20%	0.251%
46	12.296	934	937	938	rVB	43877	72386	2.87%	0.225%
47	12.342	939	941	943	rVV	97768	122706	4.87%	0.382%
48	12.399	943	946	947	rVV2	69049	112500	4.46%	0.350%
49	12.422	947	948	951	rVB2	73439	93901	3.73%	0.292%
50	12.502	953	955	957	rVB	1226933	1177059	46.69%	3.664%
51	12.559	957	960	962	rBV2	39586	64347	2.55%	0.200%
52	12.651	965	968	972	rBV4	45084	82395	3.27%	0.256%
53	12.731	972	975	977	rBV	1261354	1356473	53.81%	4.222%
54	12.776	977	979	982	rVB3	62020	109682	4.35%	0.341%
55	12.845	984	985	986	rBV	51190	62601	2.48%	0.195%
56	12.879	986	988	991	rVB	1768660	1659384	65.83%	5.165%
57	12.948	991	994	998	rBV3	100283	208385	8.27%	0.649%
58	13.062	999	1004	1005	rVB	137325	266586	10.58%	0.830%
59	13.096	1005	1007	1008	rBV2	17982	25429	1.01%	0.079%
60	13.119	1008	1009	1011	rBV	88457	125013	4.96%	0.389%
61	13.165	1011	1013	1014	rBV	122679	148838	5.90%	0.463%
62	13.256	1019	1021	1022	rVB	75062	80047	3.18%	0.249%
63	13.279	1022	1023	1025	rBV	69536	84699	3.36%	0.264%
64	13.359	1028	1030	1033	rVB3	32553	48498	1.92%	0.151%
65	13.462	1037	1039	1042	rVB3	56831	80974	3.21%	0.252%
66	13.554	1045	1047	1050	rBV	85705	144005	5.71%	0.448%
67	13.668	1055	1057	1059	rBV	111759	147788	5.86%	0.460%
68	13.702	1059	1060	1061	rBV	92775	73710	2.92%	0.229%
69	13.771	1064	1066	1067	rVB	87933	100054	3.97%	0.311%
70	13.805	1067	1069	1075	rVB4	85159	166096	6.59%	0.517%
71	13.919	1076	1079	1081	rBV2	1010477	1574949	62.48%	4.902%

LSC Area Percent Report

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Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.022	1086	1088	1090	rBV2	60315	99244	3.94%	0.309%
73	14.114	1094	1096	1097	rVV	63411	80563	3.20%	0.251%
74	14.148	1097	1099	1101	rVV2	54381	81084	3.22%	0.252%
75	14.308	1111	1113	1115	rBV	113496	112510	4.46%	0.350%
76	14.342	1115	1116	1118	rVB	82600	62279	2.47%	0.194%
77	14.925	1165	1167	1172	rBV	479942	1002863	39.78%	3.121%
78	15.028	1174	1176	1178	rVB2	127557	148221	5.88%	0.461%
79	15.200	1189	1191	1194	rVB	243077	377367	14.97%	1.175%
80	15.257	1194	1196	1199	rBV	322855	465845	18.48%	1.450%
81	15.325	1199	1202	1203	rBV	296798	432108	17.14%	1.345%
82	16.651	1315	1318	1322	rVB2	174894	329550	13.07%	1.026%
83	17.051	1350	1353	1359	rVB	130286	263618	10.46%	0.821%

Sum of corrected areas: 32128802

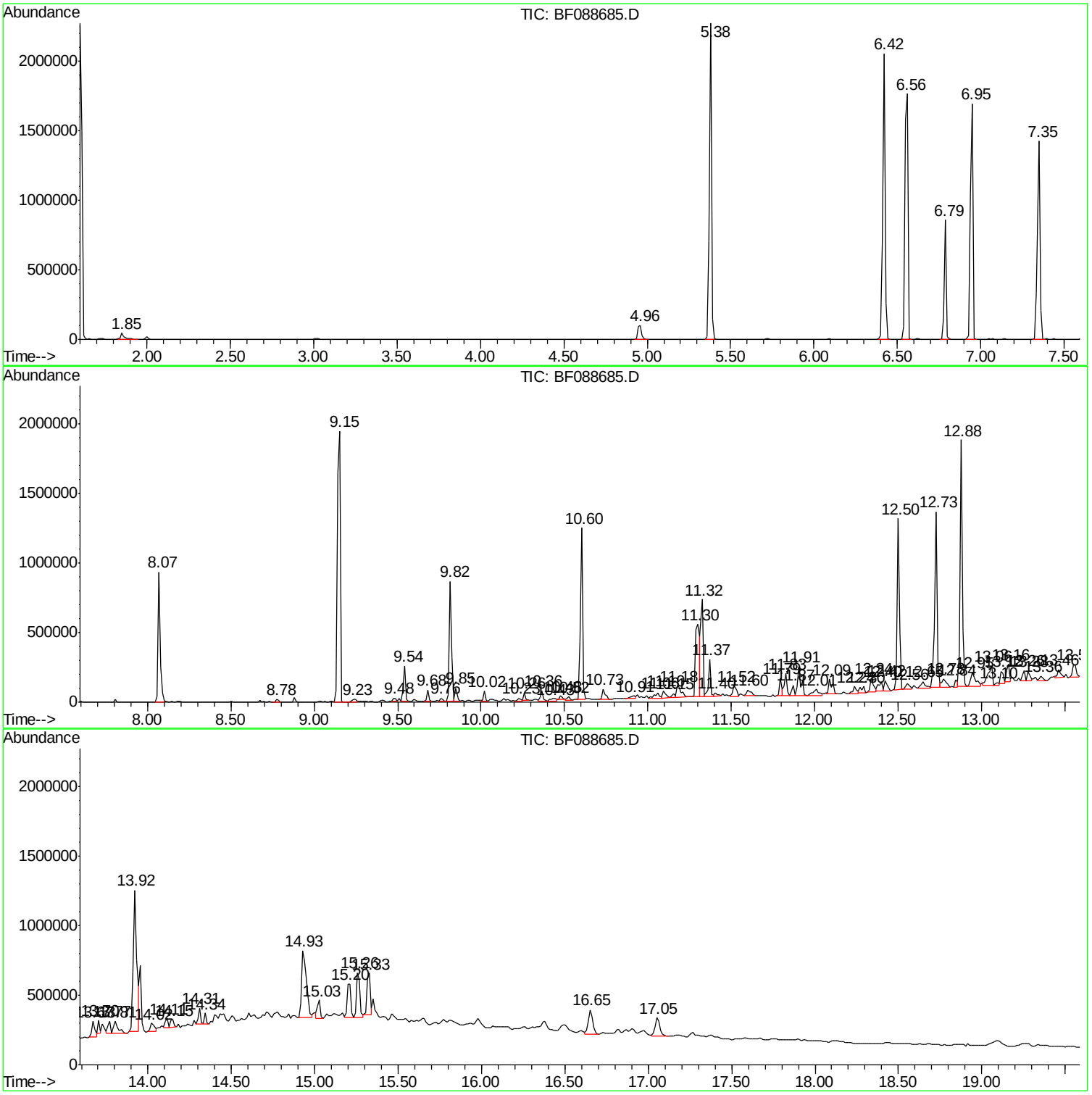
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

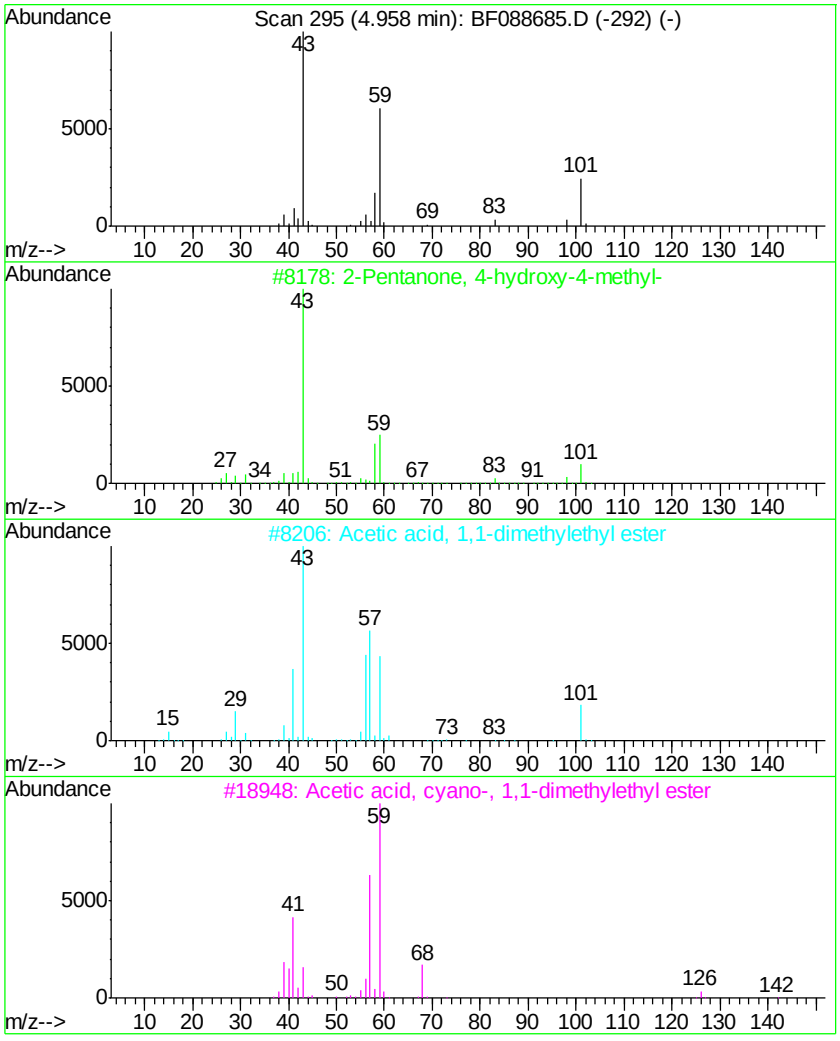
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

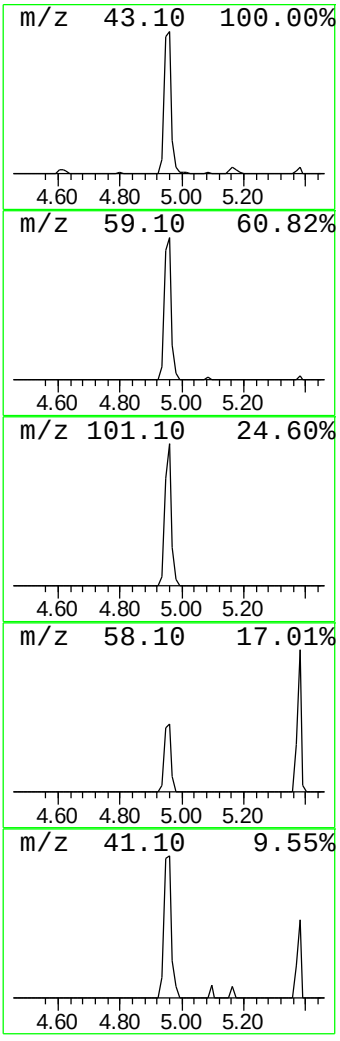
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	4.42 ng	157849	1,4-Dichlorobenzene-d4	6.79

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Operator : UM/SJ
Sample : H3769-01
Misc :
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Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

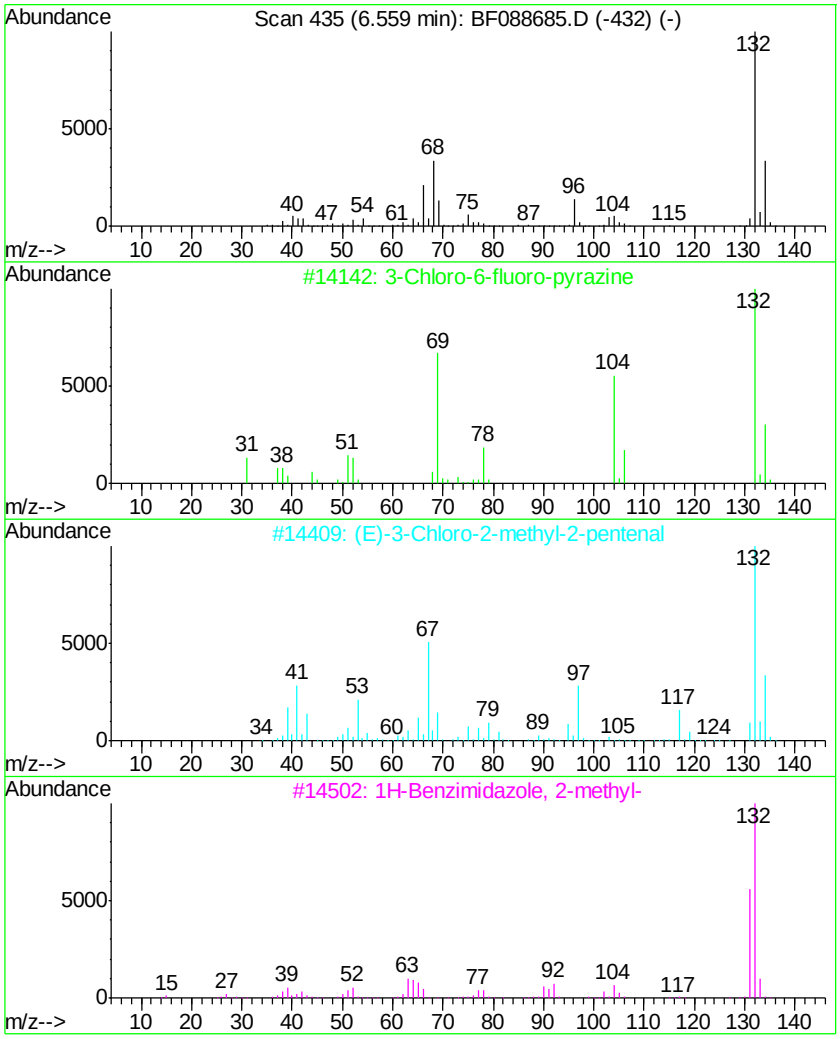
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

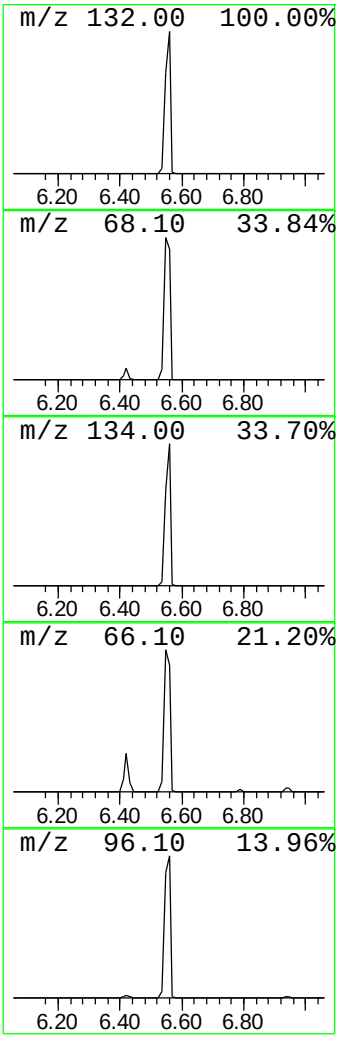
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	66.28 ng	2365270	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF088685.D
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Sample : H3769-01
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Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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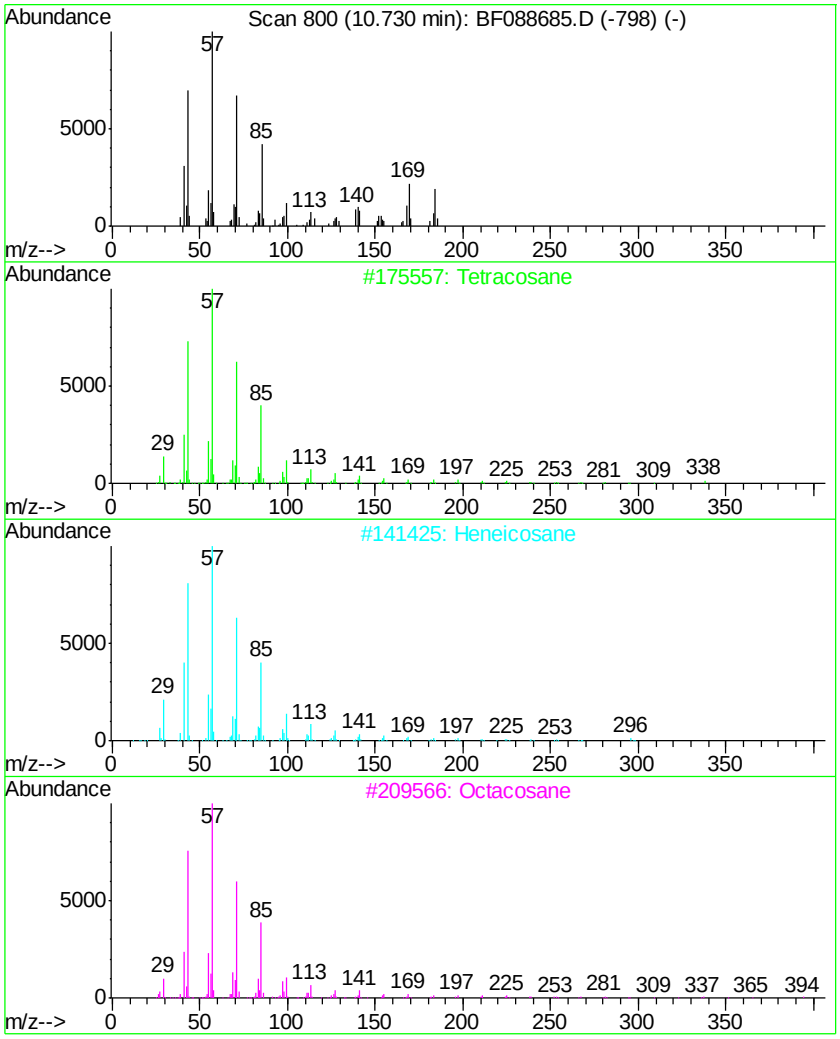
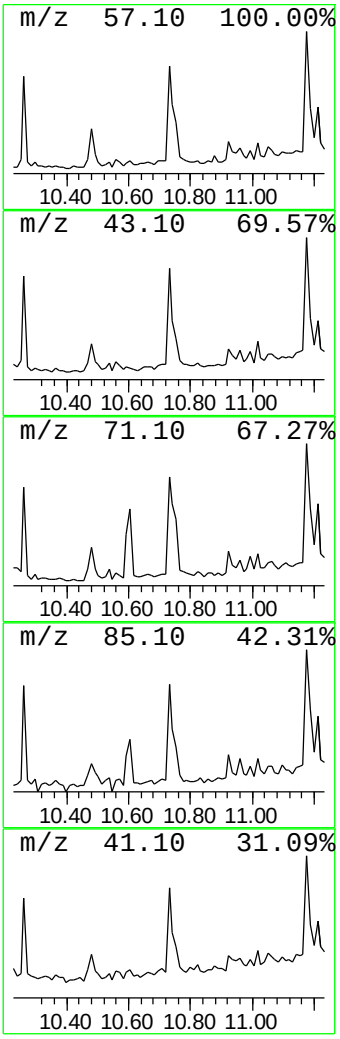
Peak Number 4 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.01 ng	99215	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	53
2	Heneicosane	296	C21H44	000629-94-7	53
3	Octacosane	394	C28H58	000630-02-4	53
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
5	Tetradecane	198	C14H30	000629-59-4	49





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Sample : H3769-01
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Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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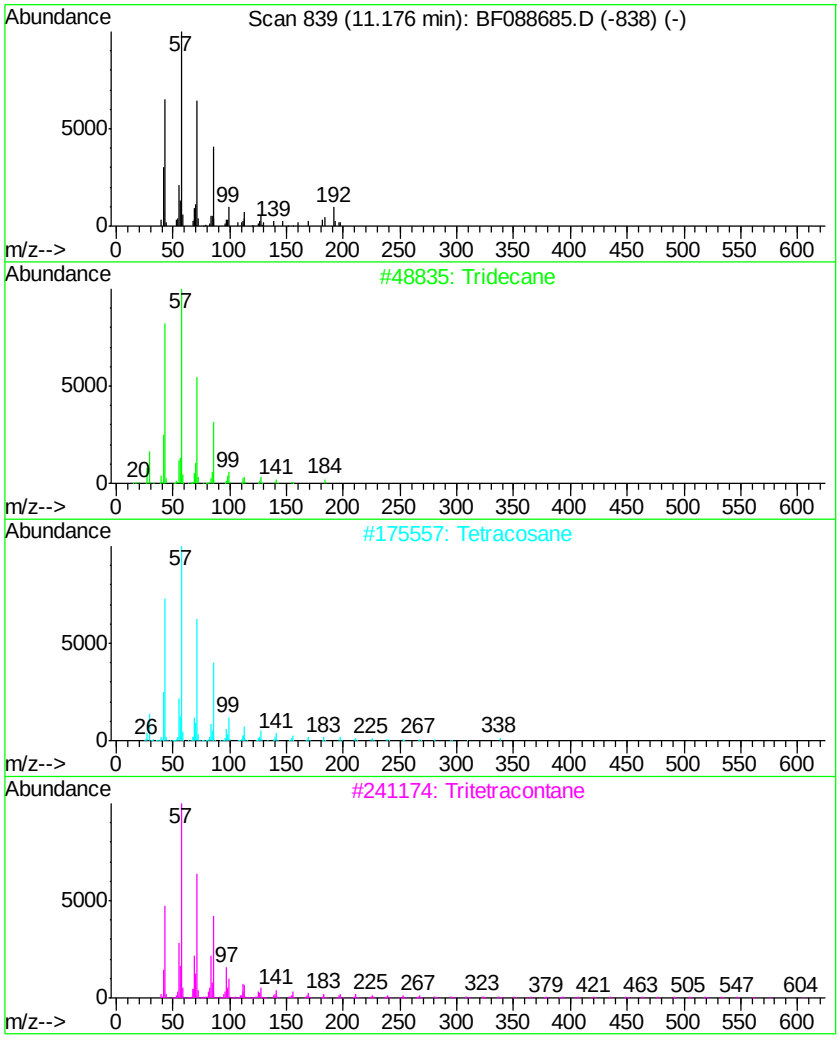
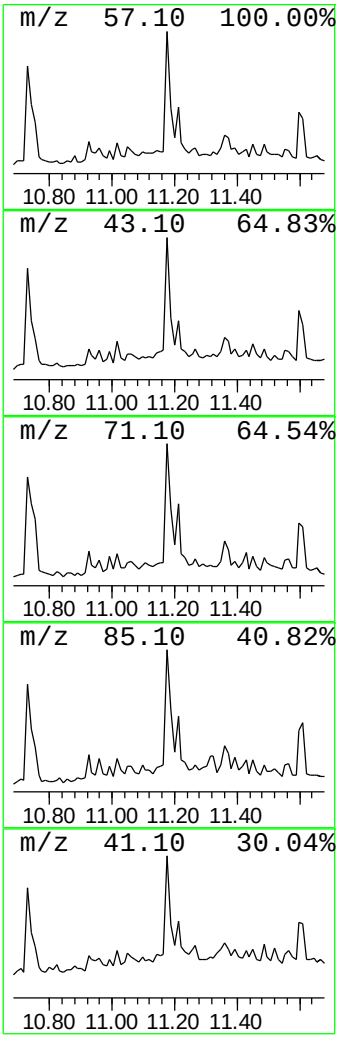
Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.42 ng	169087	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Tritetracontane	605	C43H88	007098-21-7	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane	282	C20H42	000112-95-8	80





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Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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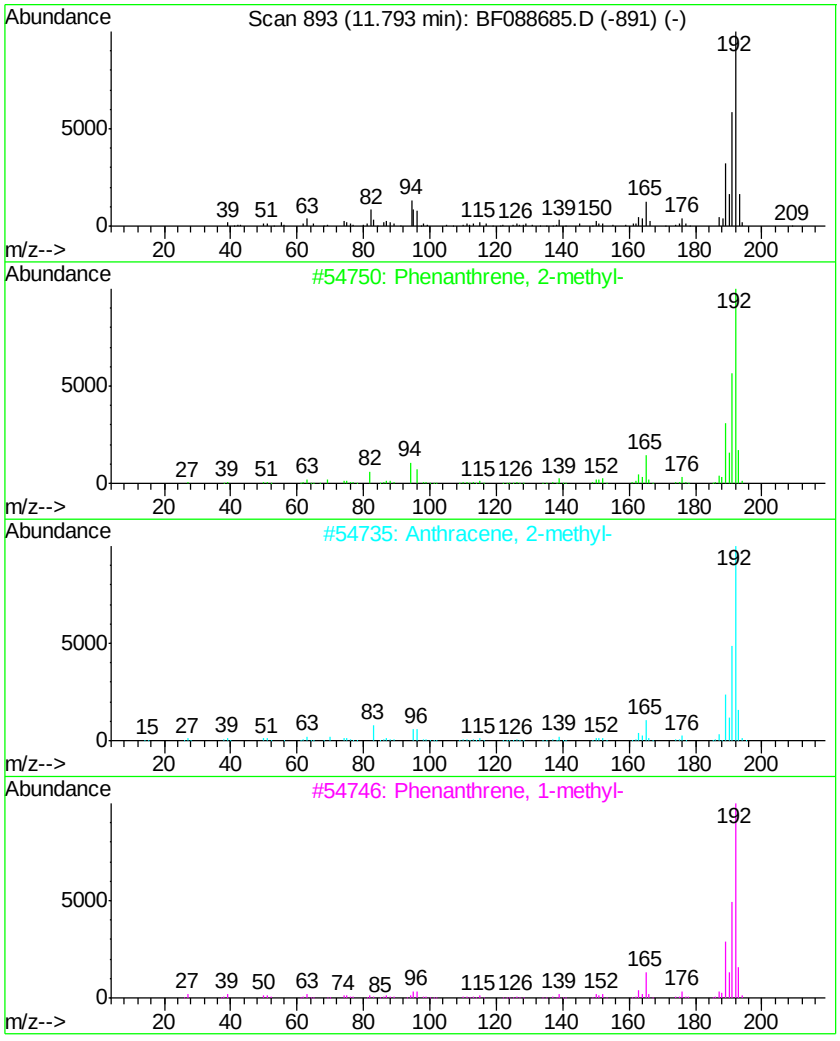
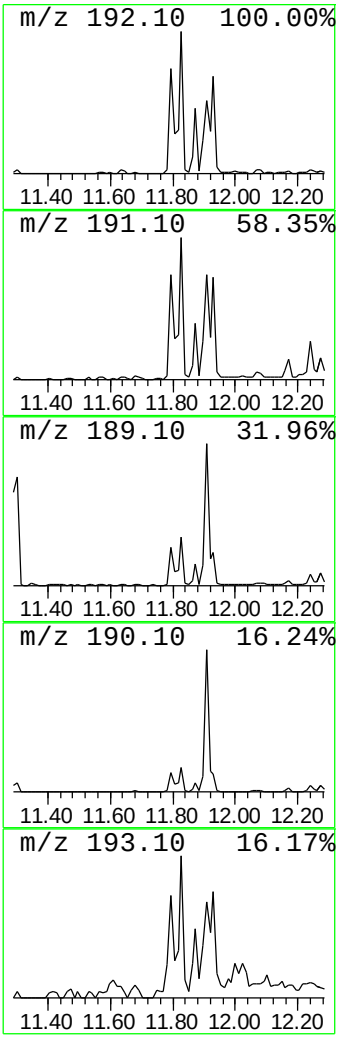
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.41 ng	119270	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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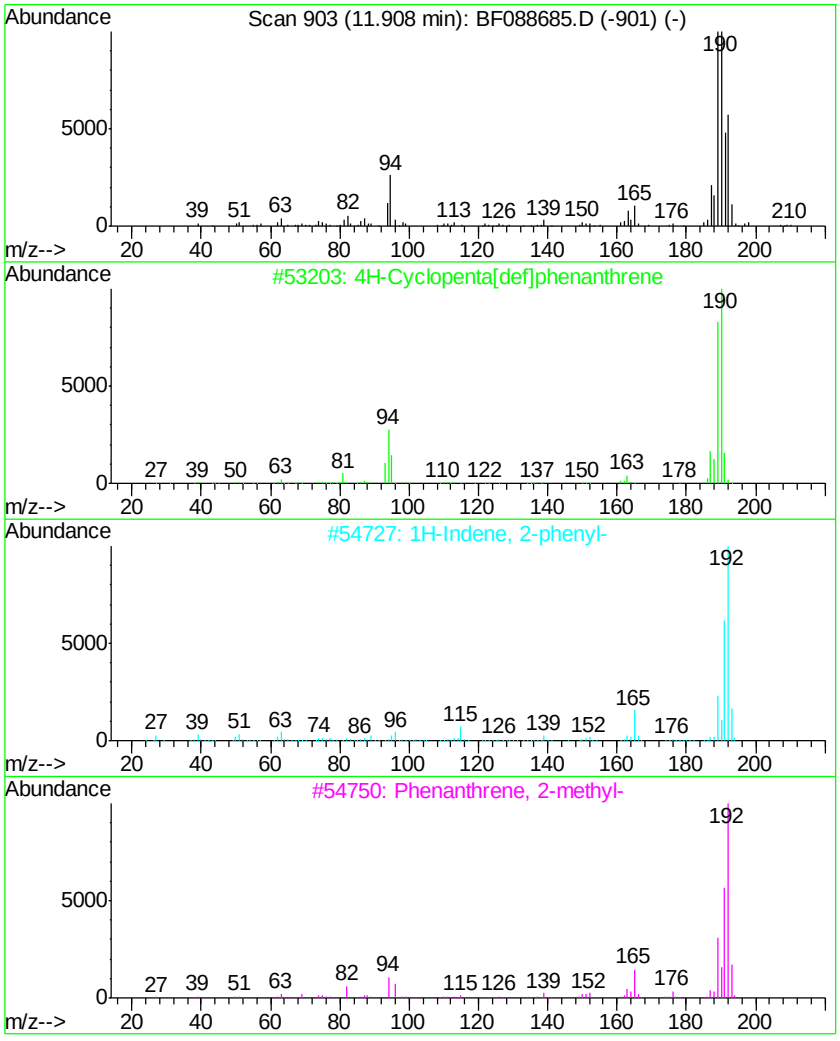
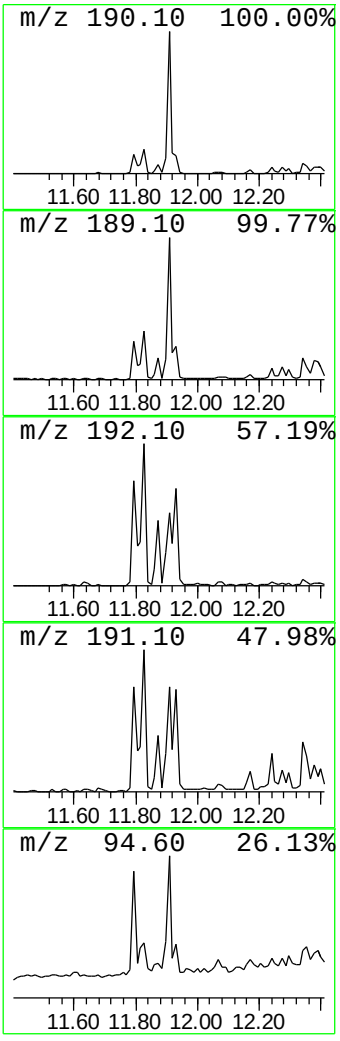
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.02 ng	297686	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	18





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Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

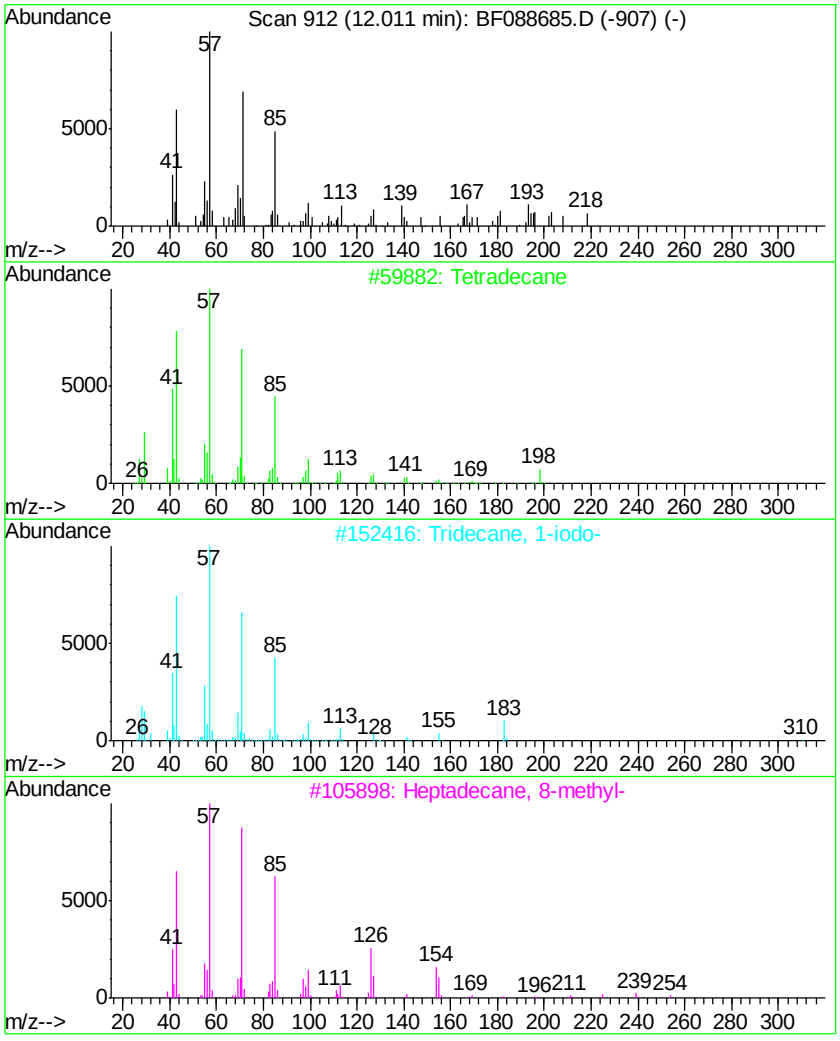
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

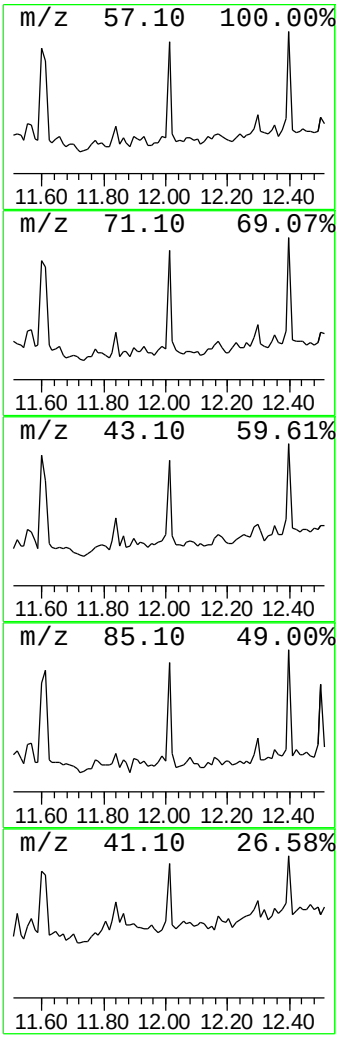
****

Peak Number 9 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.23 ng	110460	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	58
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	52
4	Nonadecane	268	C19H40	000629-92-5	52
5	Hexacosane	366	C26H54	000630-01-3	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

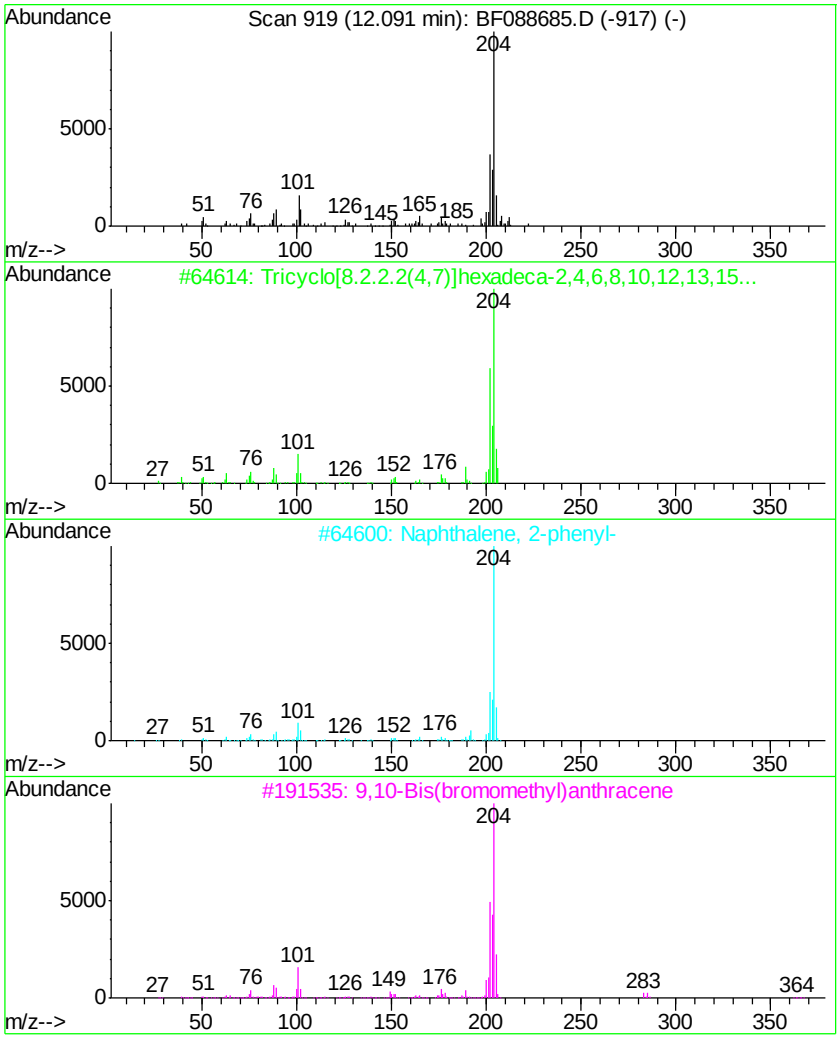
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

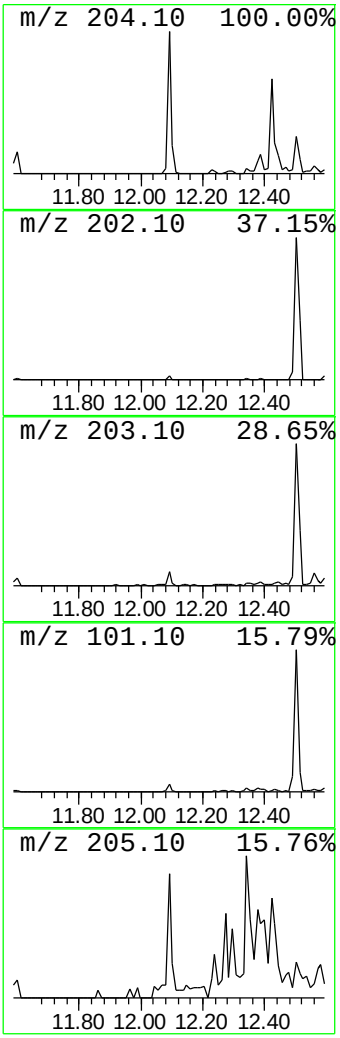
****

Peak Number 10 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.38 ng	167351	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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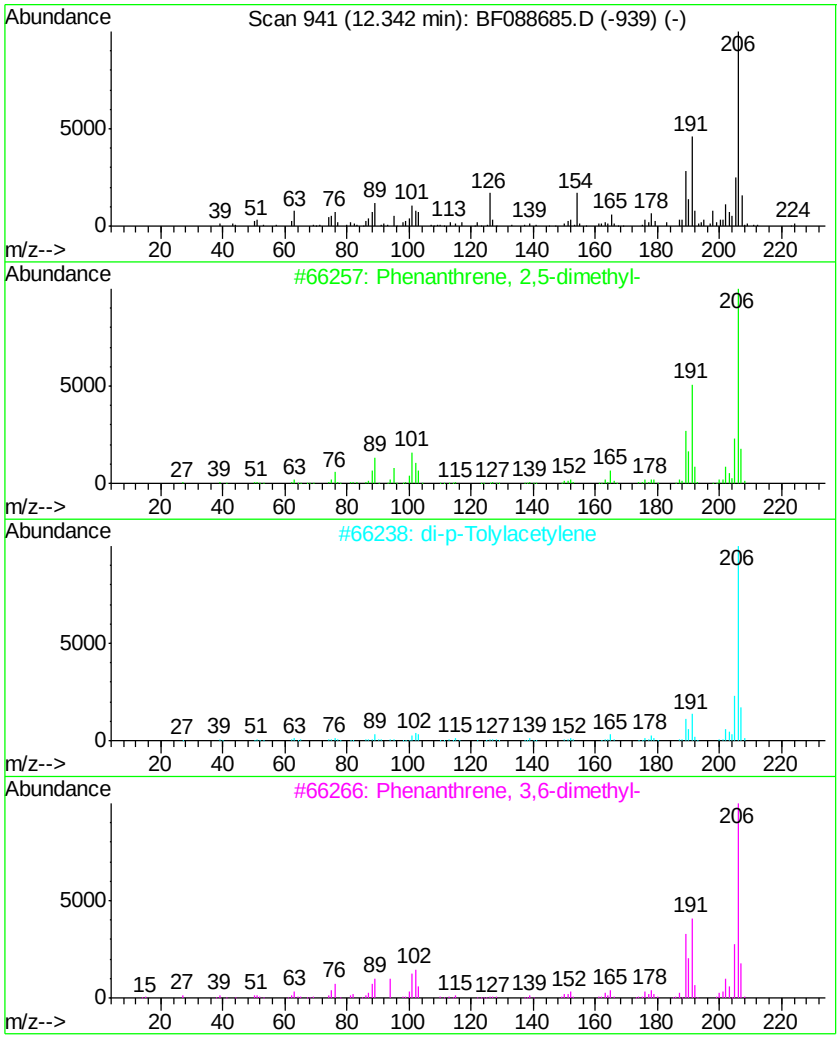
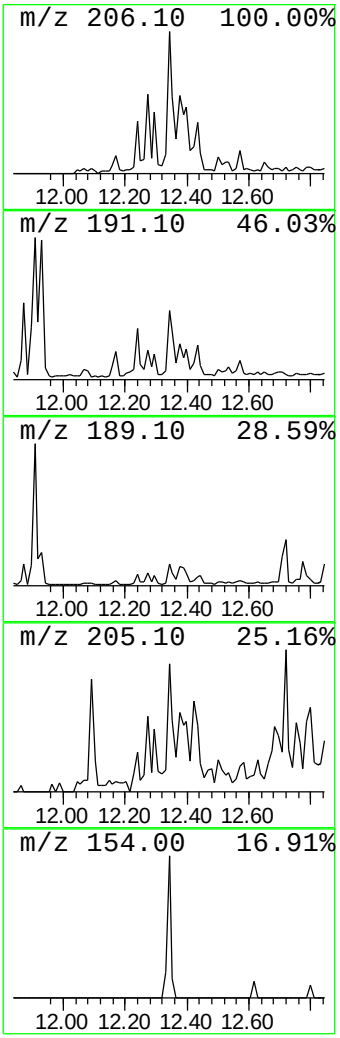
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.48 ng	122706	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89





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Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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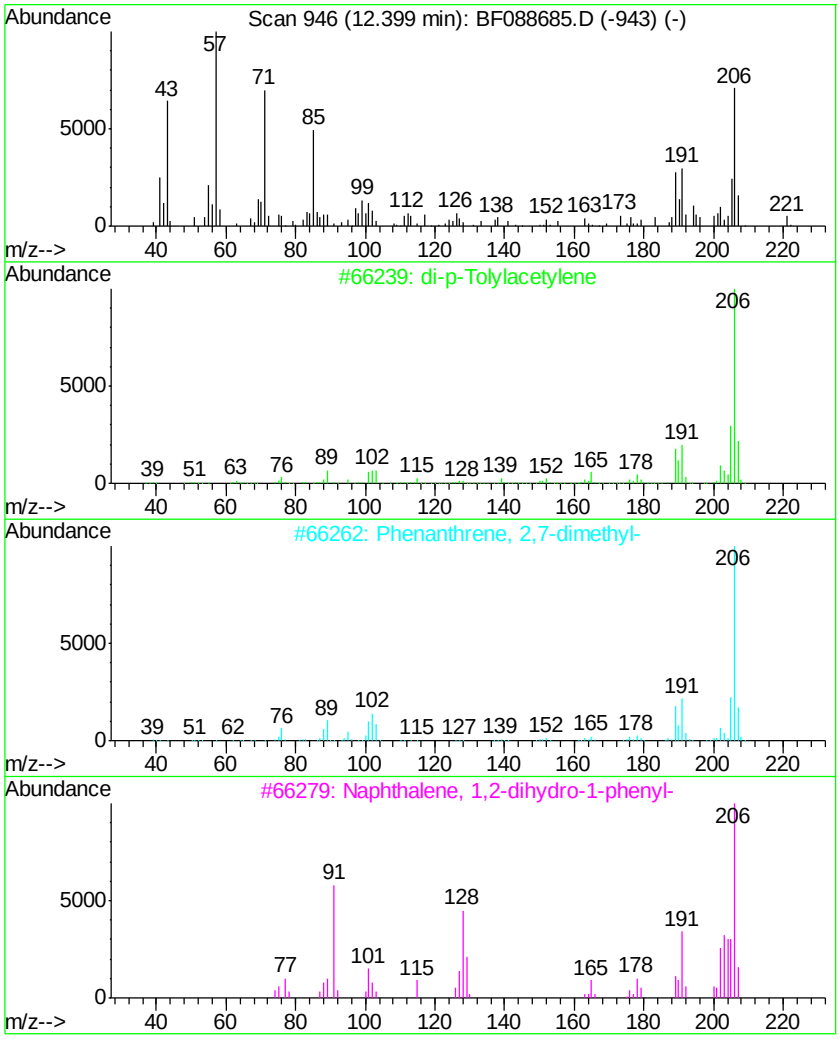
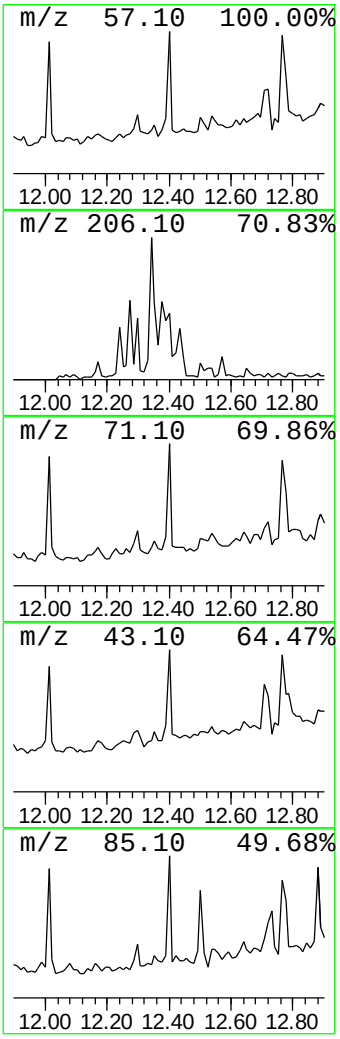
Peak Number 12 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.28 ng	112500	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	41





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Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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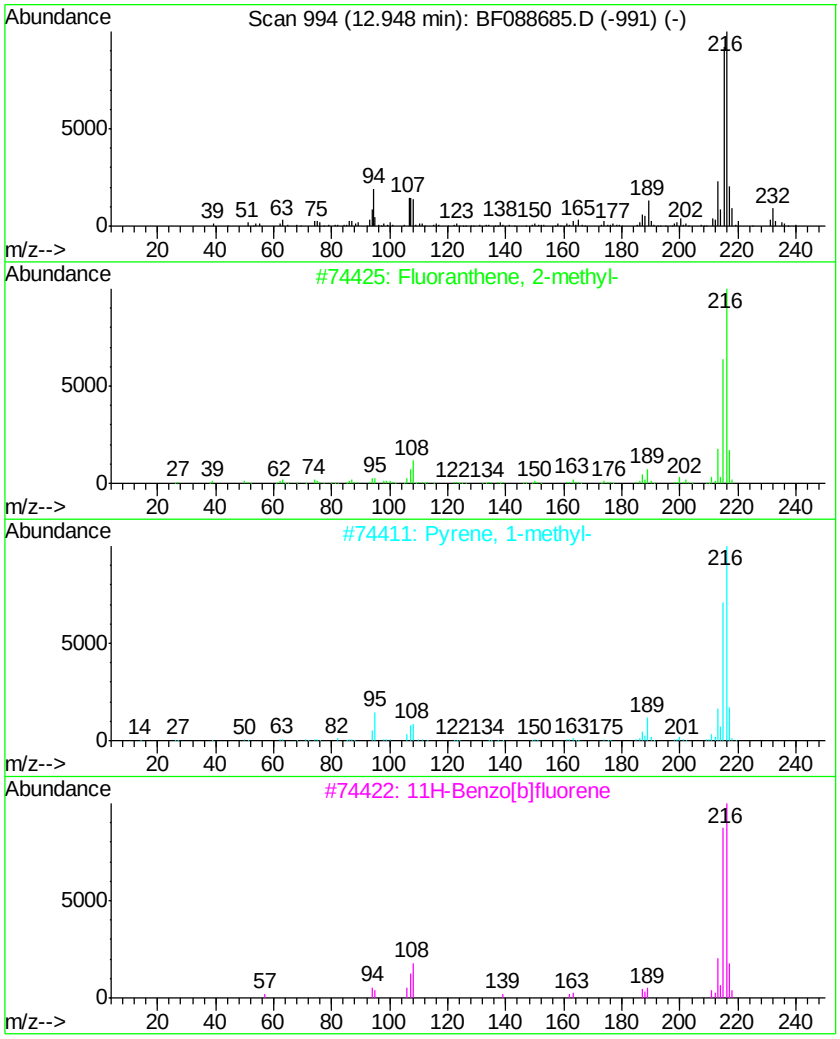
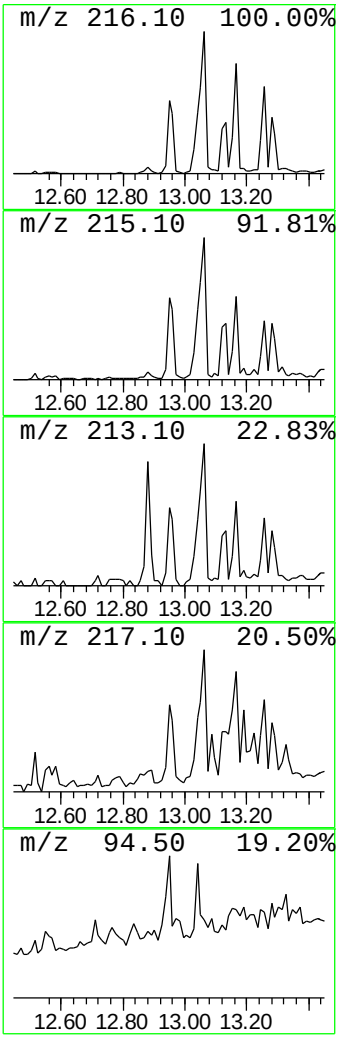
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.65 ng	208385	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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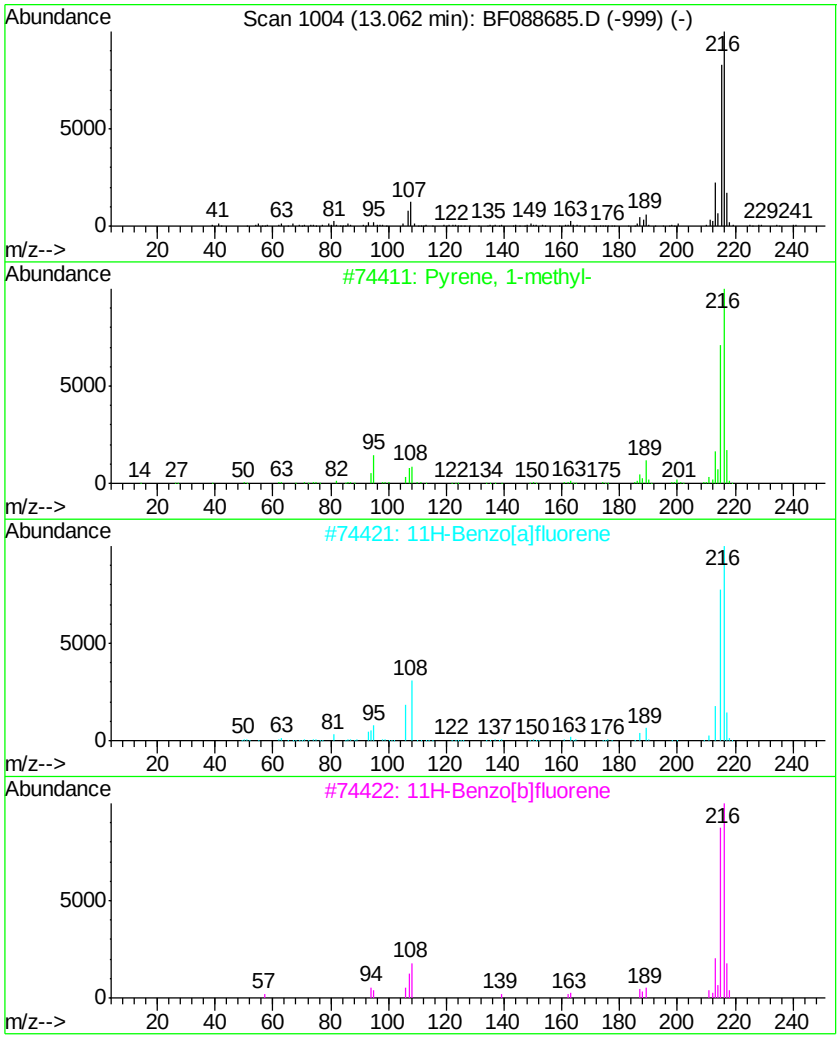
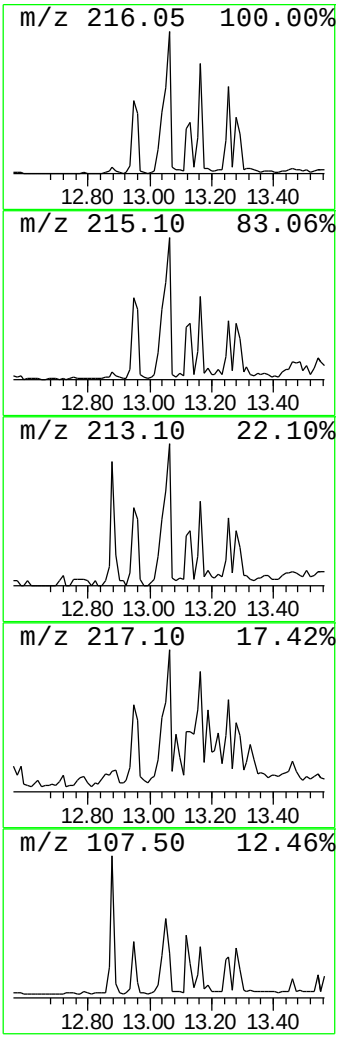
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.39 ng	266586	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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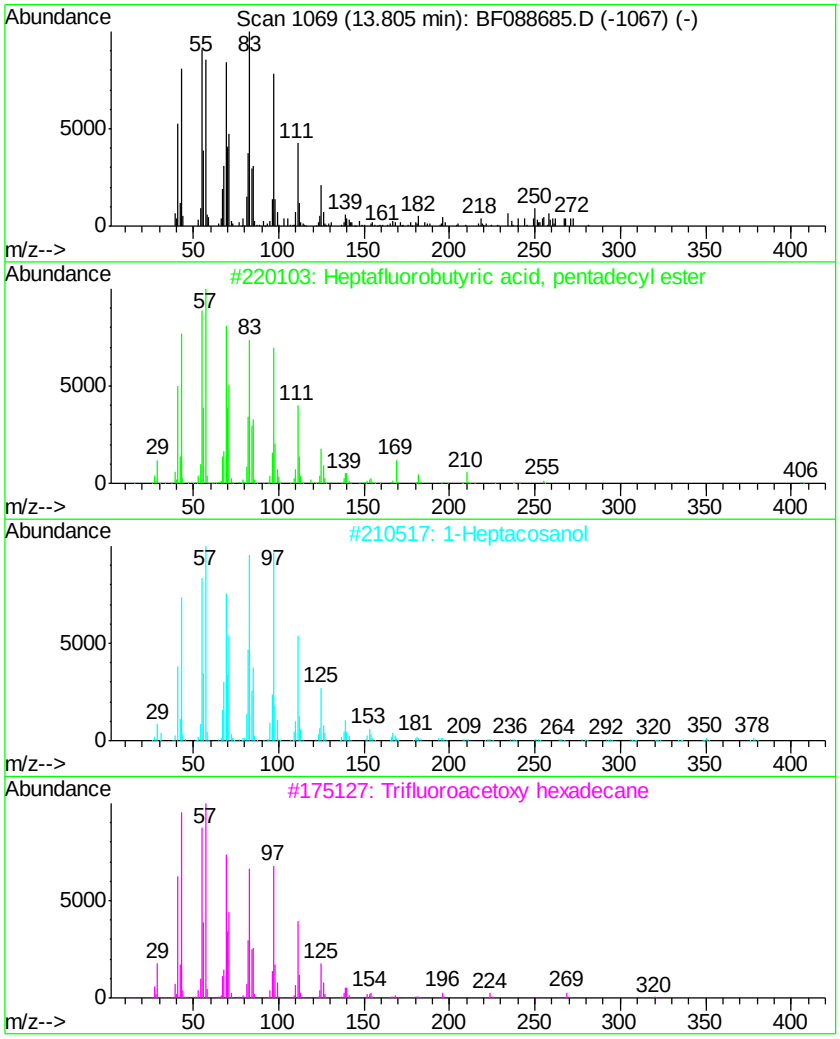
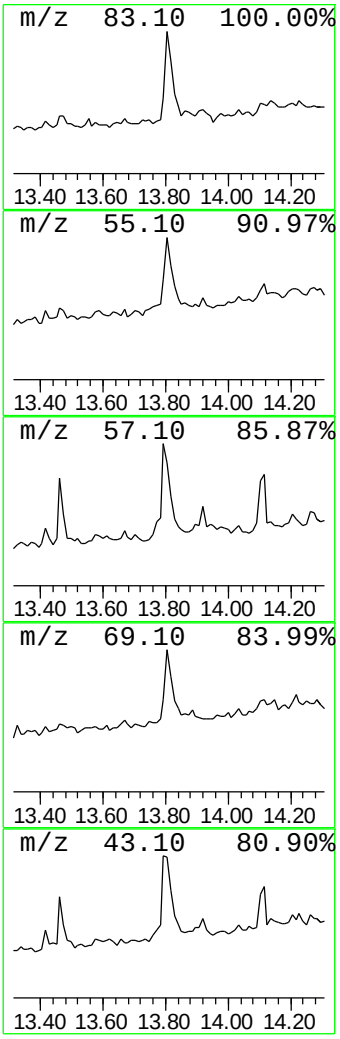
Peak Number 15 Heptafluorobutyric acid, pe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.11 ng	166096	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	83





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Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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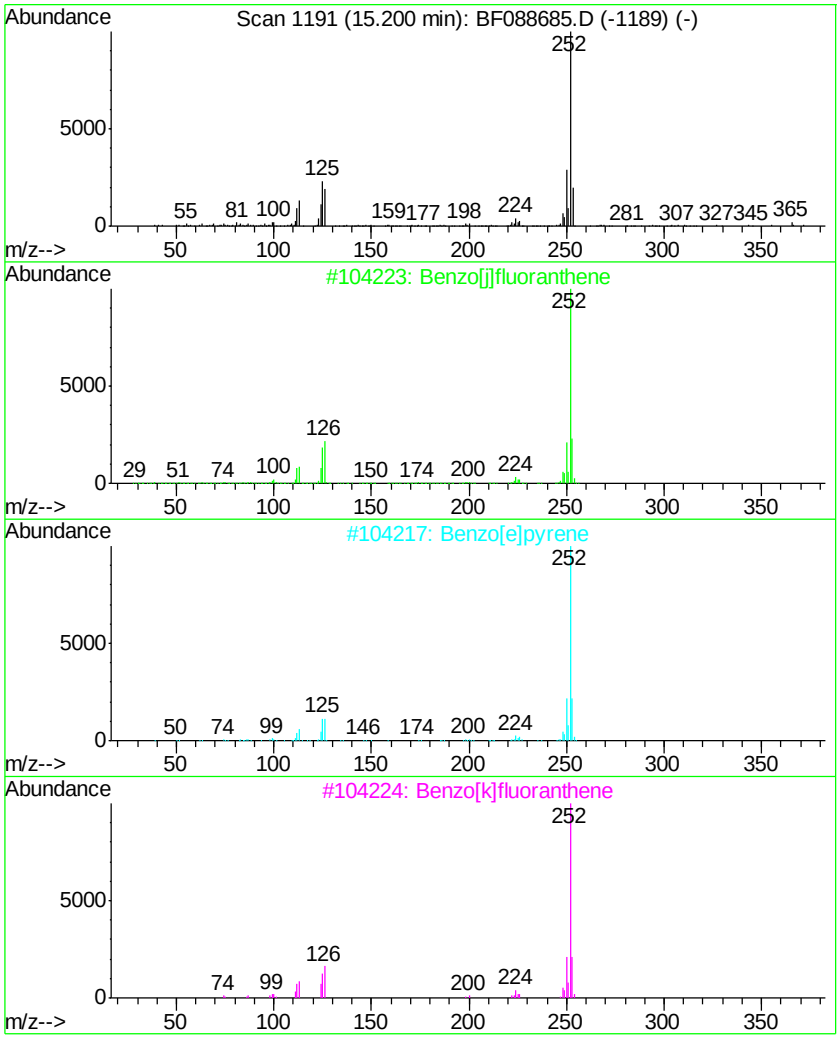
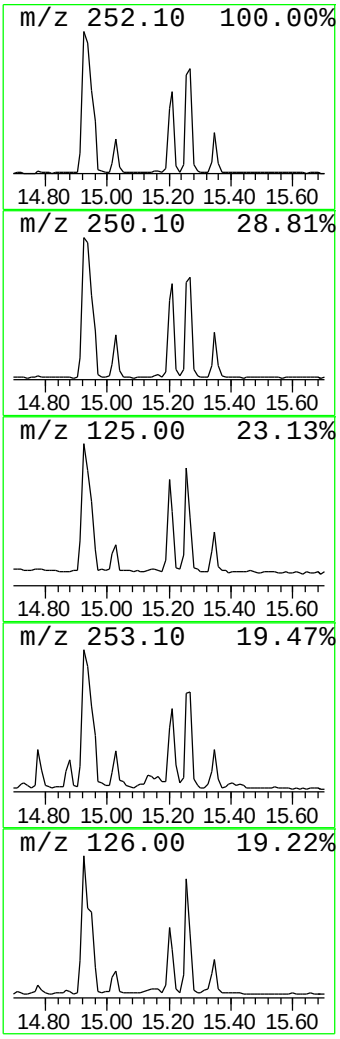
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	17.47 ng	377367	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3769-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
2-Pentanone, 4-hy...	4.96	4.4	ng	157849	1	6.79	713716	20.0
unknown6.56	6.56	66.3	ng	2365270	1	6.79	713716	20.0
Tetracosane	10.73	2.0	ng	99215	4	11.30	988862	20.0
Tridecane	11.18	3.4	ng	169087	4	11.30	988862	20.0
Phenanthrene, 2-m...	11.79	2.4	ng	119270	4	11.30	988862	20.0
4H-Cyclopenta[def...	11.91	6.0	ng	297686	4	11.30	988862	20.0
Tetradecane	12.01	2.2	ng	110460	4	11.30	988862	20.0
Tricyclo[8.2.2.2(...	12.09	3.4	ng	167351	4	11.30	988862	20.0
Phenanthrene, 2,5...	12.34	2.5	ng	122706	4	11.30	988862	20.0
di-p-Tolylacetylene	12.40	2.3	ng	112500	4	11.30	988862	20.0
Fluoranthene, 2-m...	12.95	2.6	ng	208385	5	13.93	1574950	20.0
Pyrene, 1-methyl-	13.06	3.4	ng	266586	5	13.93	1574950	20.0
Heptafluorobutyri...	13.81	2.1	ng	166096	5	13.93	1574950	20.0
Benzo[j]fluoranthene	15.20	17.5	ng	377367	6	15.33	432108	20.0