LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

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-BF092016.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	1.644	3	5	24	rVB	355174	853402	21.86%	1.841%
2	4.547	256	259	268	rBV	353628	763477	19.56%	1.647%
3	5.027	298	301	303	rBV	2974109	3609966	92.47%	7.788%
4	6.125	394	397	400	rBV	2278089	3903913	100.00%	8.422%
5	6.227	403	406	409	rVB	2745618	3453532	88.46%	7.451%
6	6.456	424	426	429	rBV	621921	725626	18.59%	1.565%
7	6.616	437	440	443	rBV	2618221	2666218	68.30%	5.752%
8	7.039	474	477	479	rBV	2149923	2333299	59.77%	5.034%
9	7.519	516	519	528	rVB5	22661	69578	1.78%	0.150%
10	7.748	537	539	544	rBV	1095068	1027788	26.33%	2.217%
11	8.468	600	602	604	rBV	34320	39587	1.01%	0.085%
12	8.833	631	634	637	rBV	3269001	3388347	86.79%	7.310%
13	9.165	661	663	664	rBV	36573	40663	1.04%	0.088%
14	9.233	667	669	672	rVV	967892	928647	23.79%	2.003%
15	9.359	675	680	682	rBV	120807	148675	3.81%	0.321%
16	9.462	687	689	690	rVV	51403	43374	1.11%	0.094%
17	9.496	690	692	693	rVV	1223659	1039818	26.64%	2.243%
18	9.531	693	695	697	rVB	103849	121672	3.12%	0.262%
19	9.702	708	710	712	rBV	74257	88950	2.28%	0.192%
20	9.919	725	729	730	rBV2	23441	56082	1.44%	0.121%
21	9.953	730	732	734	rVB2	77960	96940	2.48%	0.209%
22	10.033	738	739	743	rVB	118762	140210	3.59%	0.302%
23	10.171	748	751	758	rBV5	43034	120508	3.09%	0.260%
24	10.285	758	761	763	rBV	1876435	1974549	50.58%	4.260%
25	10.434	770	774	777	rBV2	96521	201556	5.16%	0.435%
26	10.514	779	781	783	rBV2	44948	46098	1.18%	0.099%
27	10.616	788	790	792	rVV2	37782	68799	1.76%	0.148%
28	10.651	792	793	795	rVV2	39050	63177	1.62%	0.136%
29	10.731	798	800	803	rVV4	44958	78239	2.00%	0.169%
30	10.822	807	808	810	rBV	28105	40393	1.03%	0.087%
31	10.868	810	812	818	rVB2	83906	192109	4.92%	0.414%
32	10.971	818	821	822	rBV	580477	1090225	27.93%	2.352%
33	10.994	822	823	825	rVV	770543	563318	14.43%	1.215%
34	11.039	825	827	829	rVV	343846	328737	8.42%	0.709%

LSC Area Percent Report

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Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.085	829	831	832	rVB	33330	44630	1.14%	0.096%
36	11.199	838	841	842	rBV2	107551	133067	3.41%	0.287%
37	11.302	848	850	852	rVB2	46754	64710	1.66%	0.140%
38	11.462	862	864	865	rBV	131870	148614	3.81%	0.321%
39	11.496	865	867	869	rVV	188580	193915	4.97%	0.418%
40	11.531	869	870	872	rVV2	153211	231208	5.92%	0.499%
41	11.576	872	874	878	rVB2	216881	388099	9.94%	0.837%
42	11.702	883	885	887	rBV	52178	40357	1.03%	0.087%
43	11.759	889	890	891	rBV	84410	78972	2.02%	0.170%
44	11.908	902	903	905	rBV2	32399	39082	1.00%	0.084%
45	11.942	905	906	909	rVB	50866	67662	1.73%	0.146%
46	12.011	910	912	914	rBV	124218	162326	4.16%	0.350%
47	12.045	914	915	918	rVB	82327	93072	2.38%	0.201%
48	12.091	918	919	922	rVB2	93050	106603	2.73%	0.230%
49	12.171	924	926	928	rBV	1360018	1368414	35.05%	2.952%
50	12.228	928	931	933	rVV3	49756	69727	1.79%	0.150%
51	12.262	933	934	936	rVB	68679	54463	1.40%	0.118%
52	12.308	936	938	943	rBV3	113904	228482	5.85%	0.493%
53	12.388	943	945	949	rBV	1116145	1471258	37.69%	3.174%
54	12.445	949	950	955	rVB3	56660	97208	2.49%	0.210%
55	12.514	955	956	957	rBV	70964	52472	1.34%	0.113%
56	12.559	957	960	962	rBV	1988829	2504295	64.15%	5.403%
57	12.617	962	965	969	rBV3	98997	158608	4.06%	0.342%
58	12.719	970	974	976	rVB2	207906	358492	9.18%	0.773%
59	12.788	978	980	981	rBV	198993	177107	4.54%	0.382%
60	12.822	981	983	987	rVB3	242748	303666	7.78%	0.655%
61	12.914	989	991	992	rVV	117672	99103	2.54%	0.214%
62	12.948	992	994	996	rVB2	71081	88660	2.27%	0.191%
63	13.108	1006	1008	1009	rBV2	98009	126021	3.23%	0.272%
64	13.222	1016	1018	1021	rVB2	71616	89338	2.29%	0.193%
65	13.337	1025	1028	1029	rBV	114887	182962	4.69%	0.395%
66	13.474	1038	1040	1044	rBV2	244350	384264	9.84%	0.829%
67	13.577	1046	1049	1054	rBV2	891452	2276467	58.31%	4.911%
68	13.680	1056	1058	1060	rBV2	105216	160930	4.12%	0.347%
69	13.965	1081	1083	1085	rBV	93468	141242	3.62%	0.305%
70	14.102	1092	1095	1098	rBV3	251107	363180	9.30%	0.784%
71	14.571	1134	1136	1140	rBV	605024	1091712	27.96%	2.355%

LSC Area Percent Report

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Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.811	1155	1157	1159	rBV	369853	393282	10.07%	0.848%
73	14.857	1159	1161	1164	rVB	362816	466918	11.96%	1.007%
74	14.914	1164	1166	1171	rBV2	408082	625031	16.01%	1.348%
75	15.325	1199	1202	1204	rBV2	148409	285649	7.32%	0.616%
76	16.068	1264	1267	1270	rVB2	186274	365707	9.37%	0.789%
77	16.400	1294	1296	1303	rVB	136579	266917	6.84%	0.576%

Sum of corrected areas: 46351364

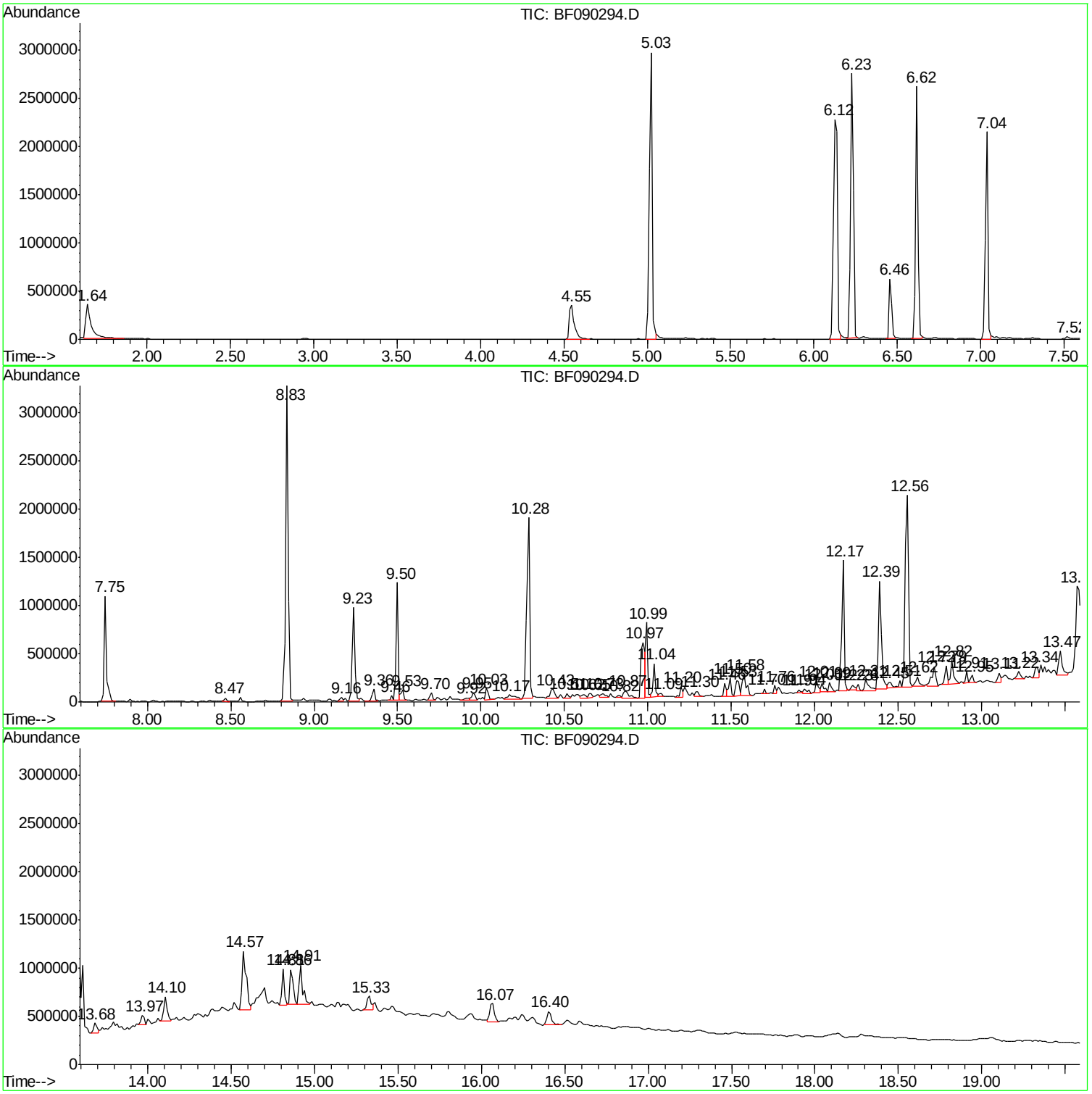
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

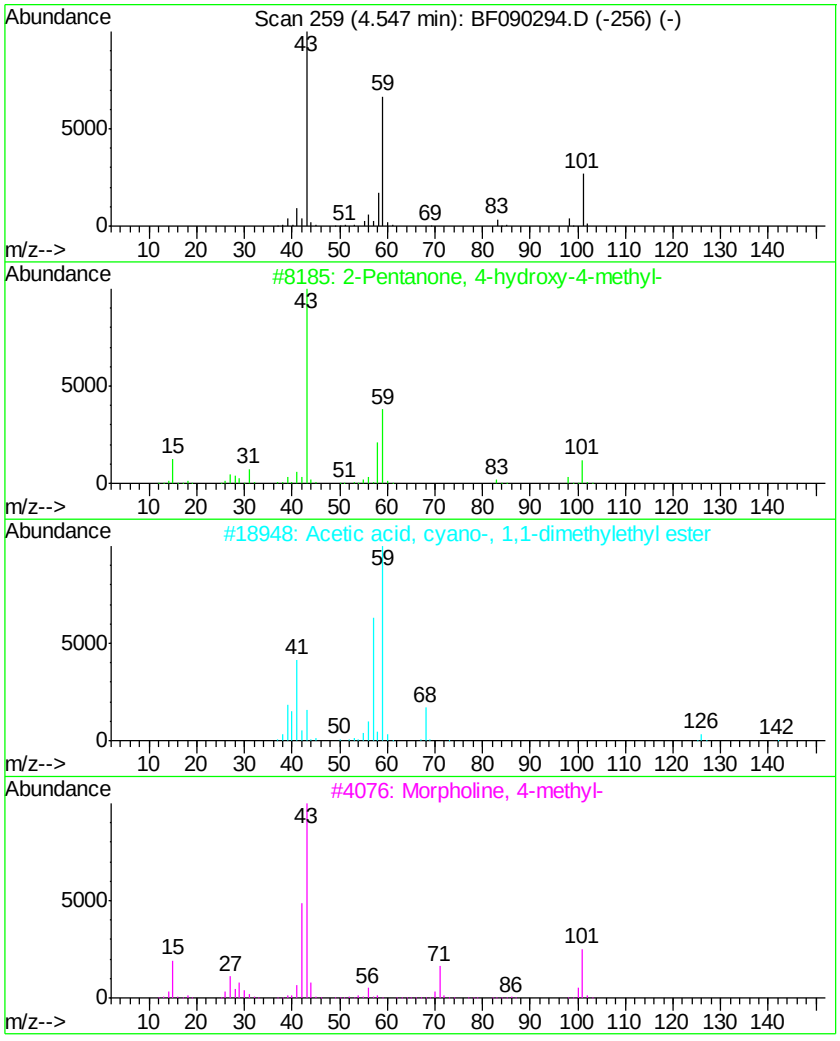
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

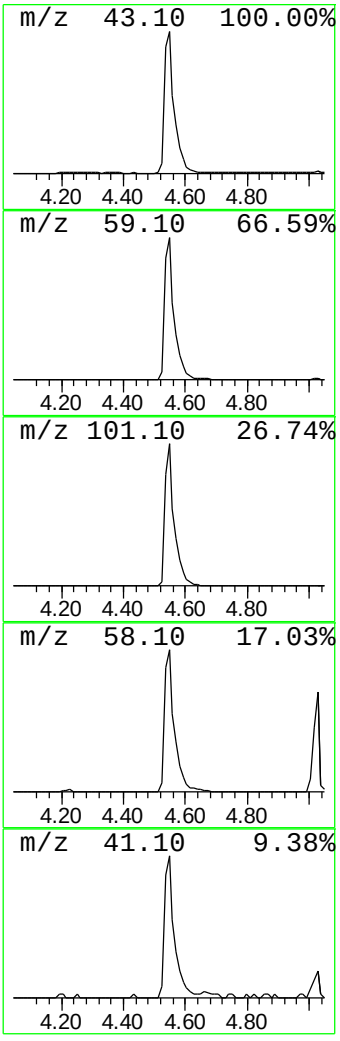
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	21.04 ng	763477	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

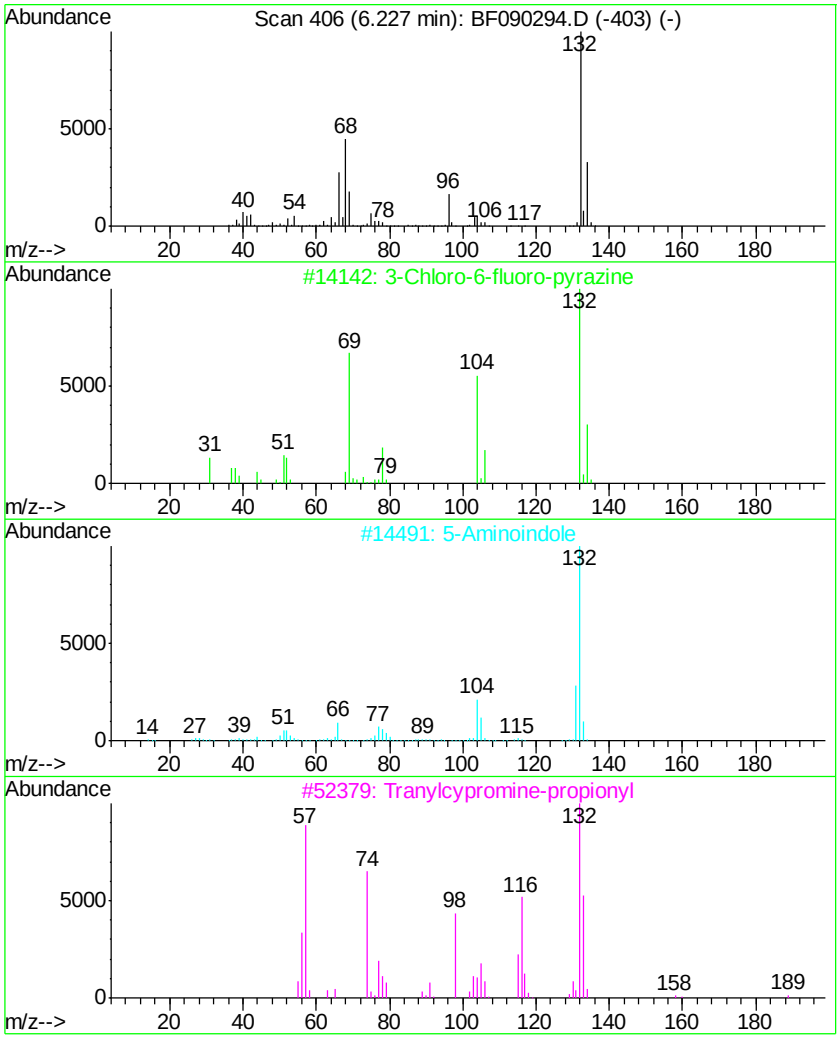
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

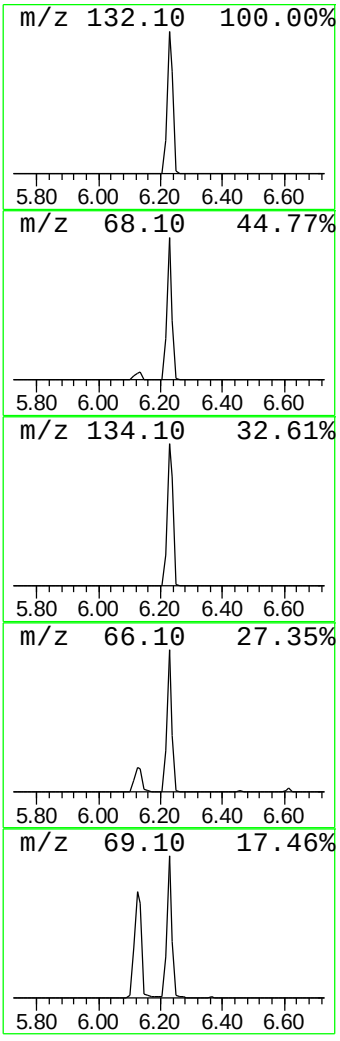
****

Peak Number 3 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	95.19 ng	3453530	1,4-Dichlorobenzene-d4	6.46

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

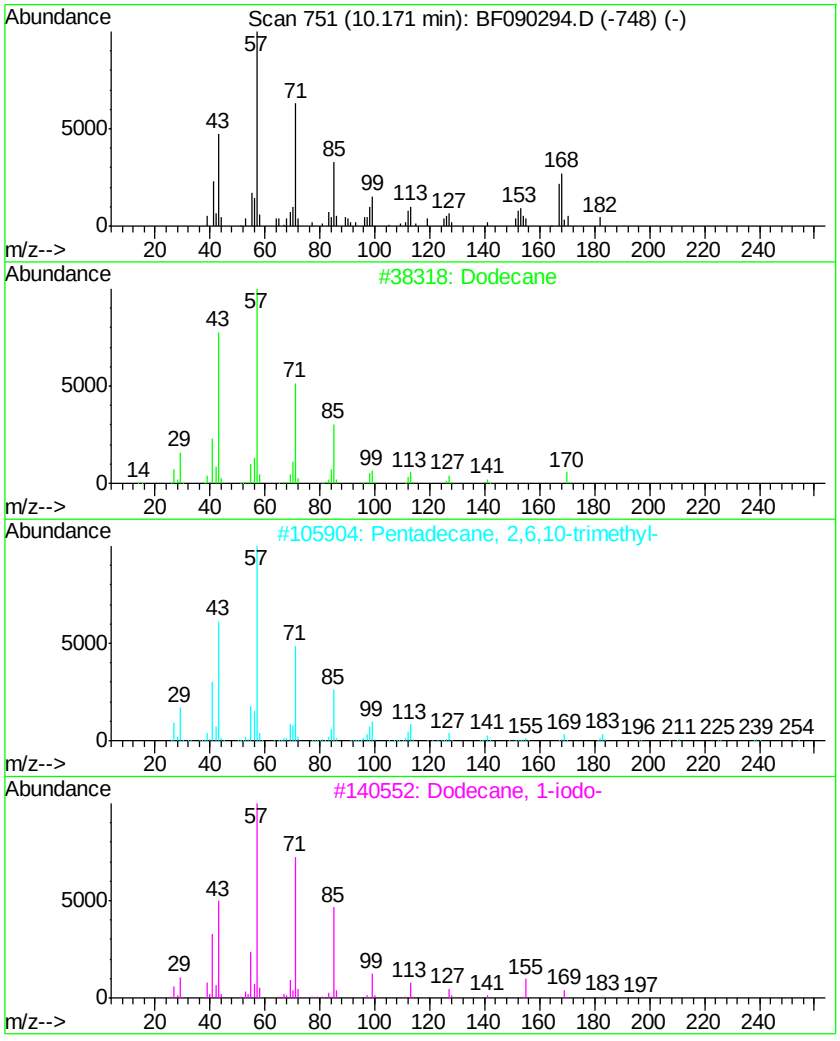
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

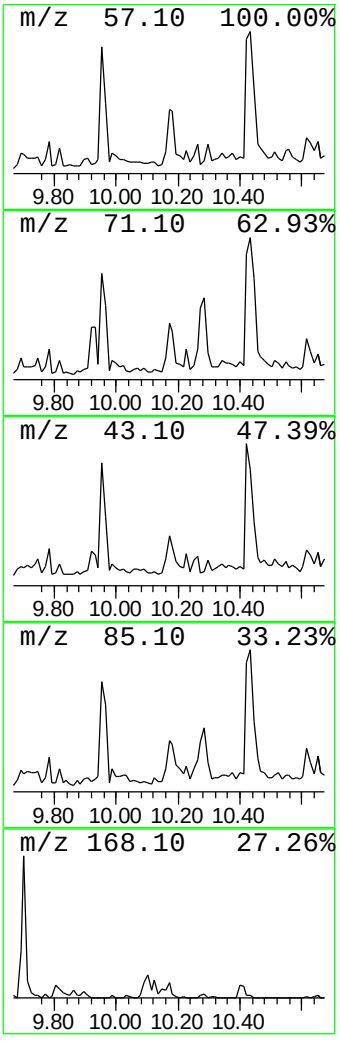
****

Peak Number 5 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.32 ng	120508	Acenaphthene-d10	9.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
4	Heptacosane	380	C27H56	000593-49-7	47
5	Heptadecane	240	C17H36	000629-78-7	43





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Acq On : 29 Sep 2016 16:42
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Sample : H4982-07
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Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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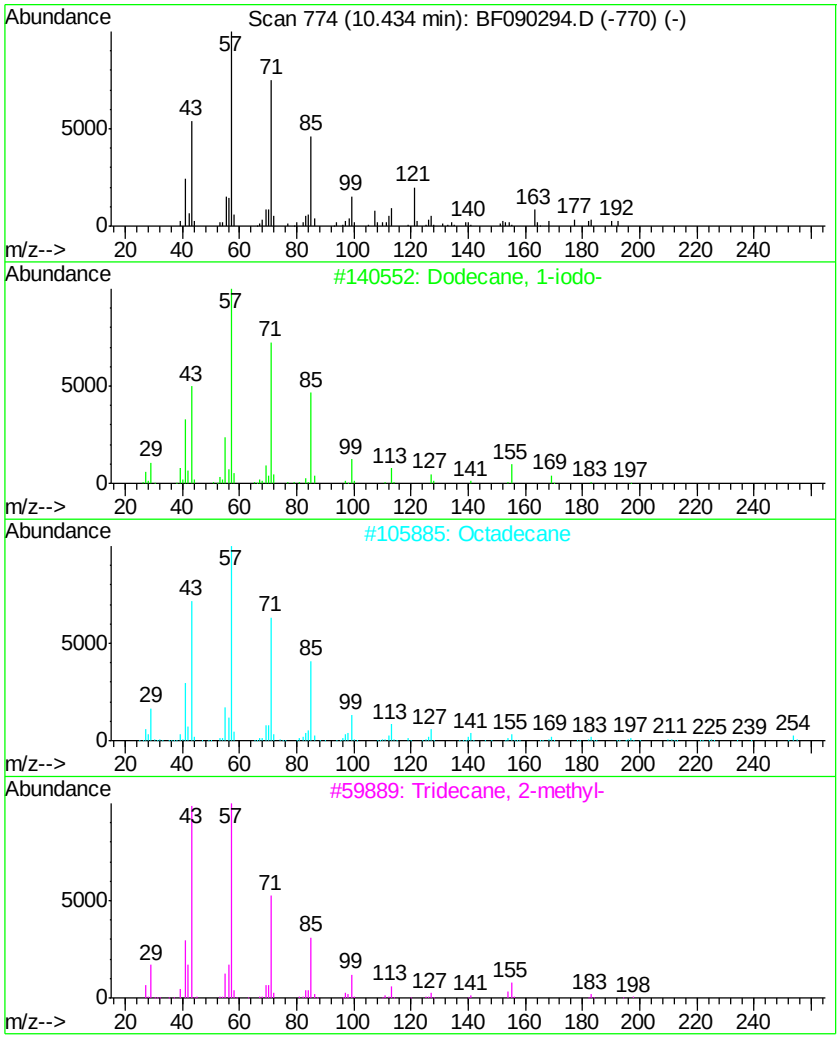
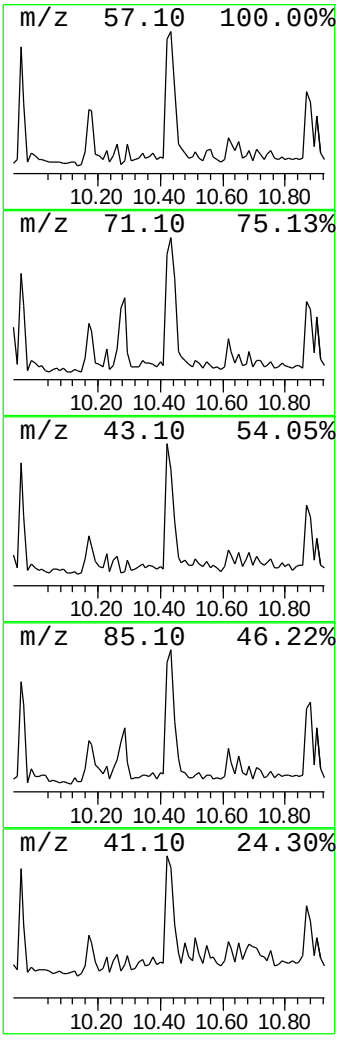
Peak Number 6 Dodecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.70 ng	201556	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Octadecane	254	C18H38	000593-45-3	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Tetracosane	338	C24H50	000646-31-1	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

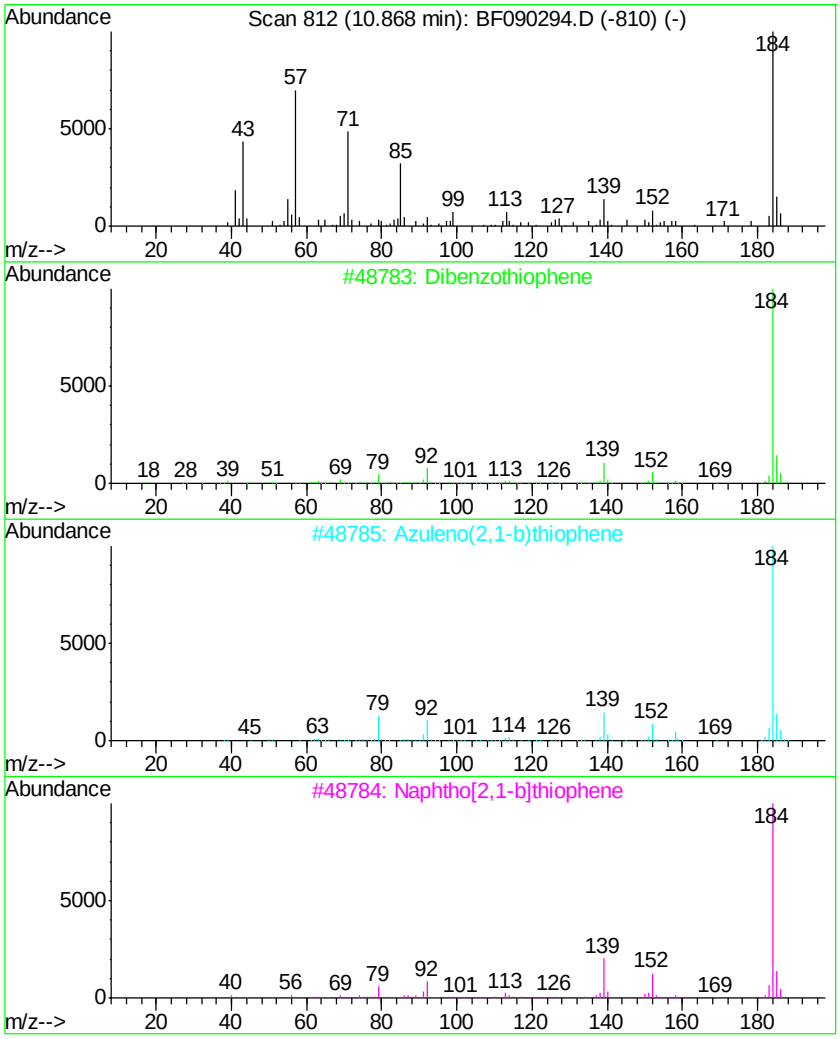
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

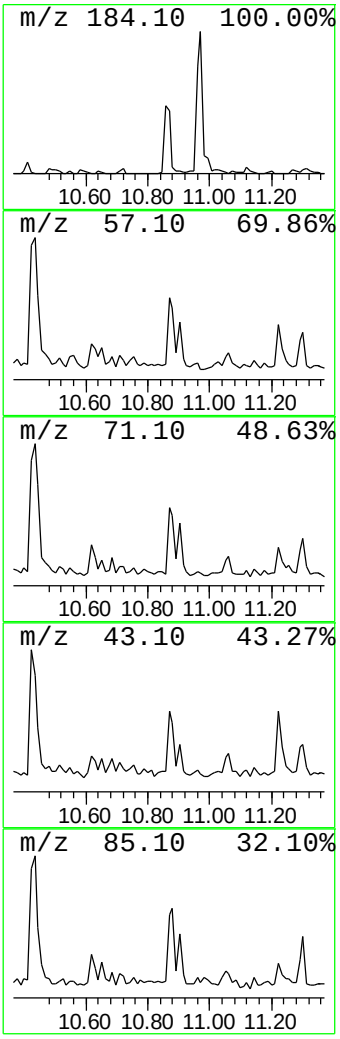
****

Peak Number 7 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.52 ng	192109	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	64
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	52
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	49
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	49
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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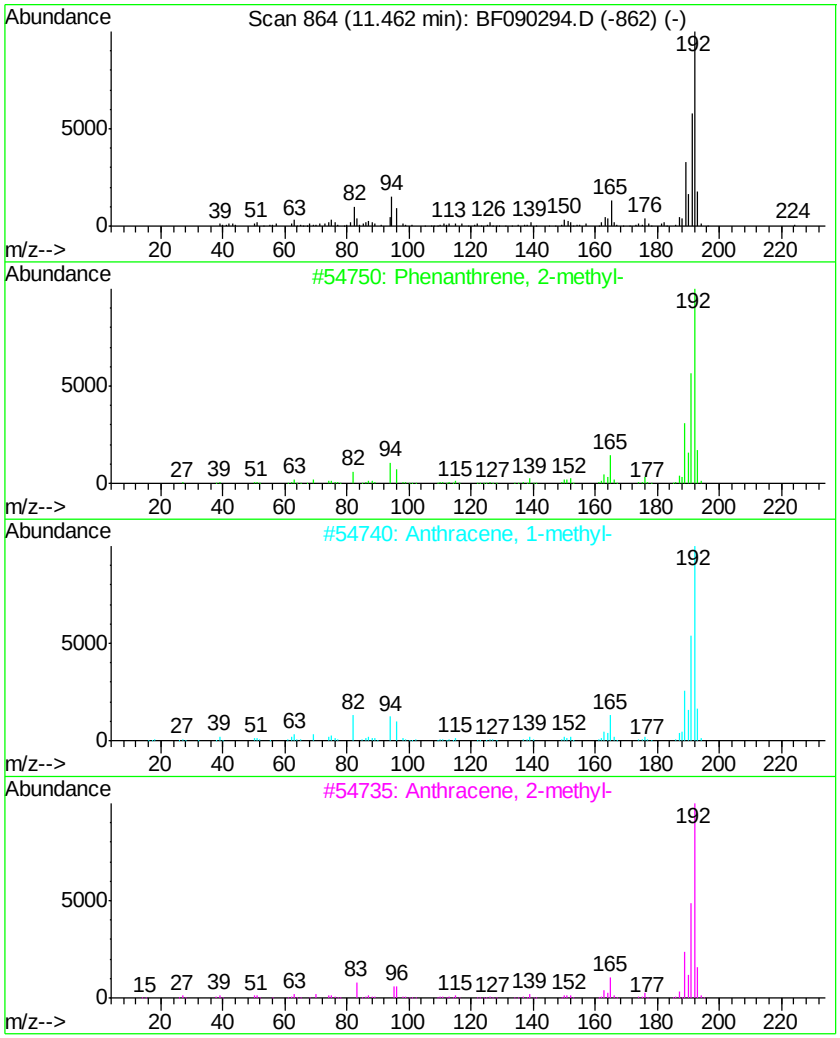
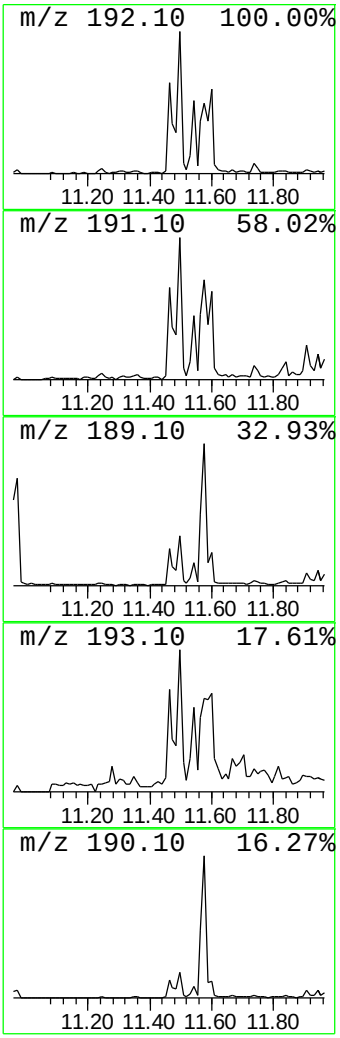
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.73 ng	148614	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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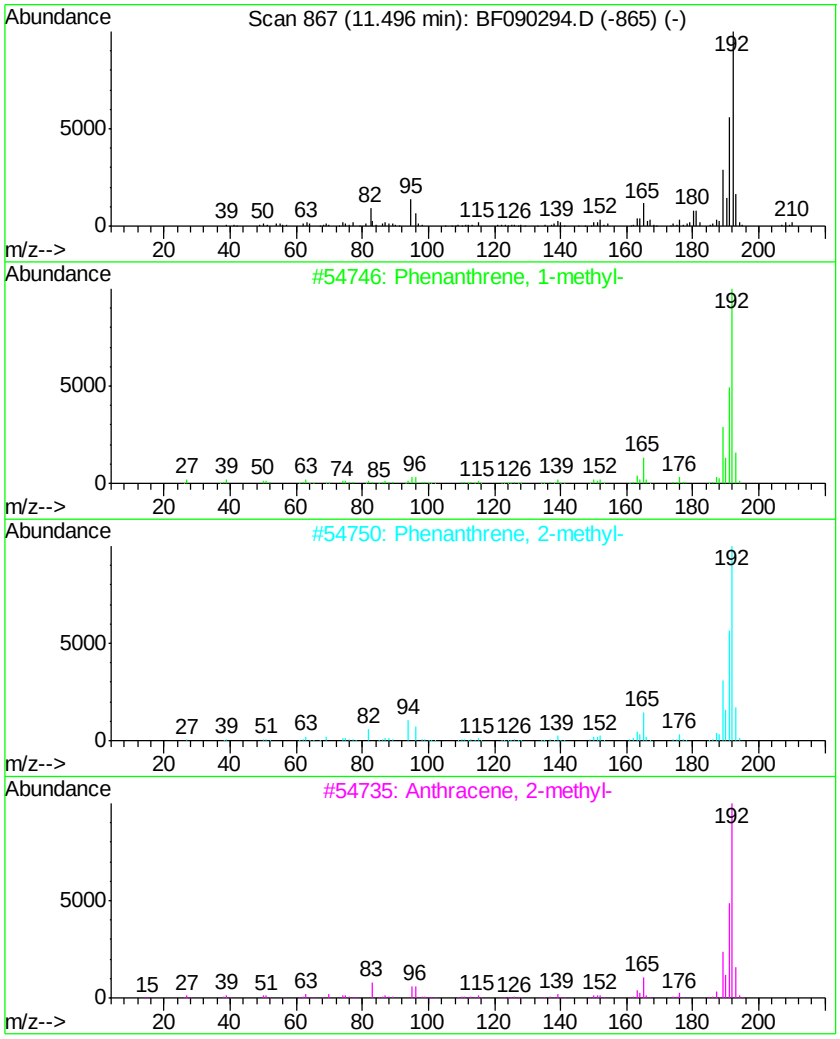
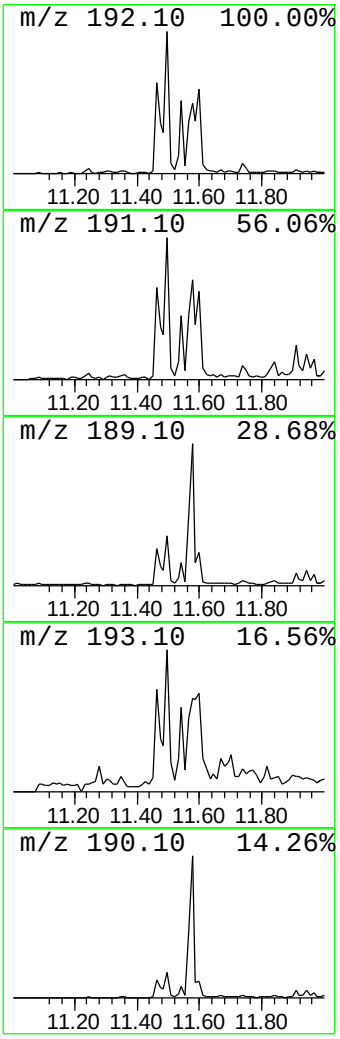
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	3.56 ng	193915	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Data File : BF090294.D
Acq On : 29 Sep 2016 16:42
Operator : UM/SJ
Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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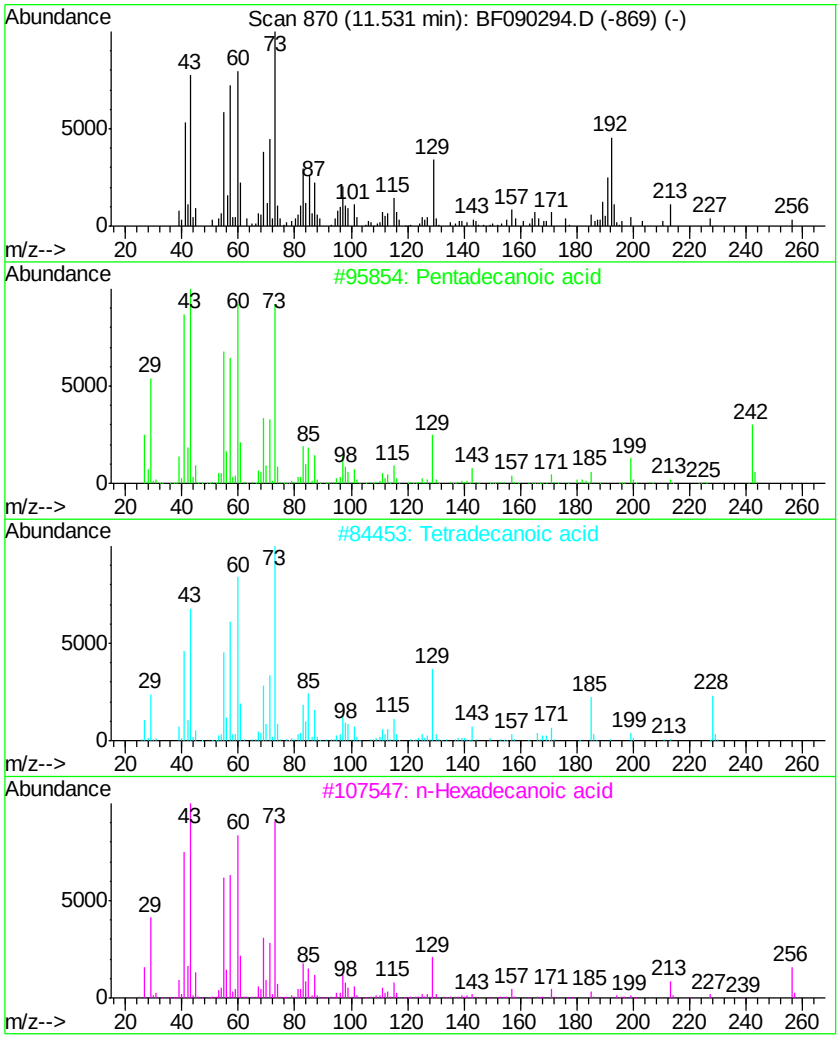
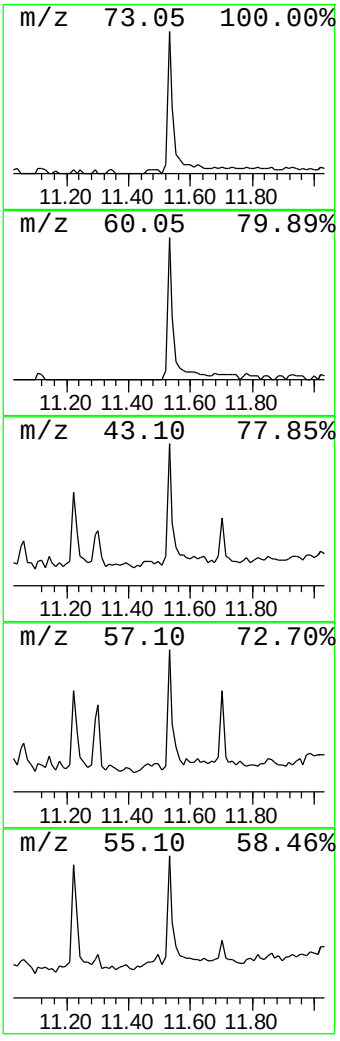
Peak Number 10 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	4.24 ng	231208	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Tritetracontane	605	C43H88	007098-21-7	11
5	Propyl 4,4-dimethyl-3-oxopentanoate	186	C10H18O3	077067-73-3	11





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Sample : H4982-07
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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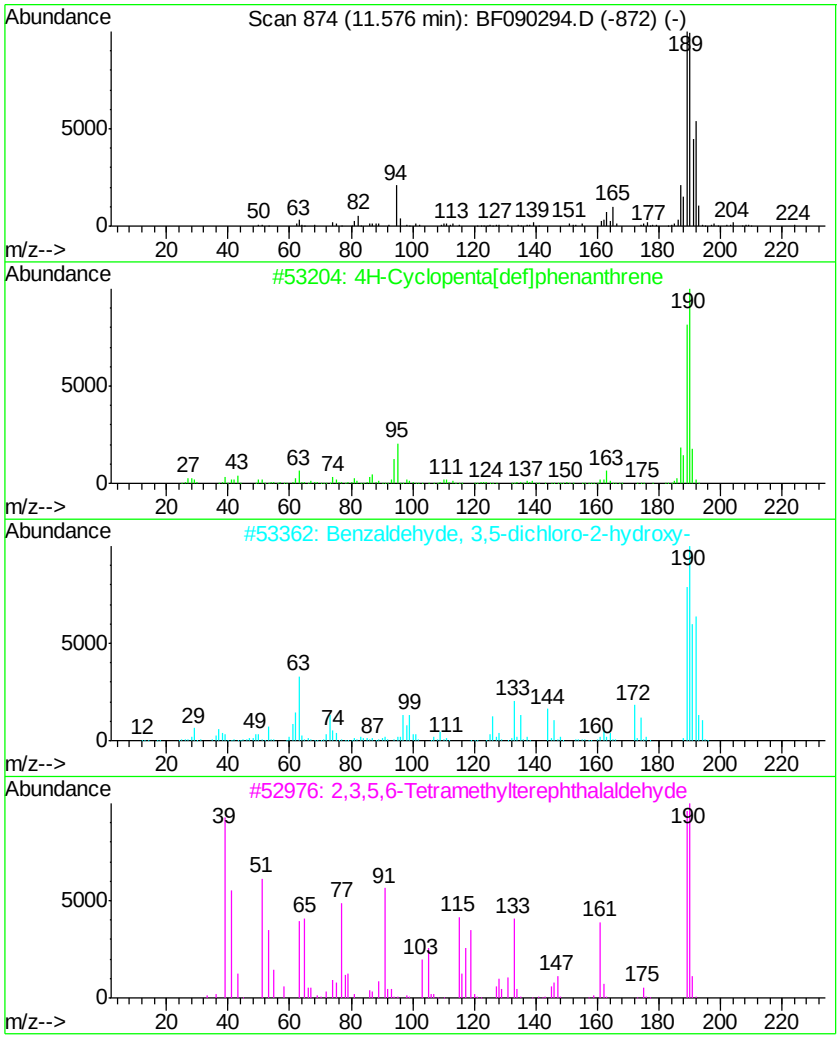
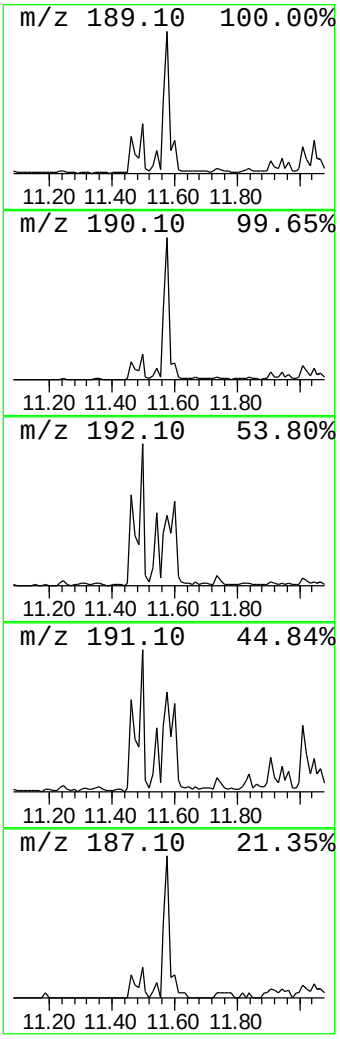
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	7.12 ng	388099	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\DATABASE\NIST11.L
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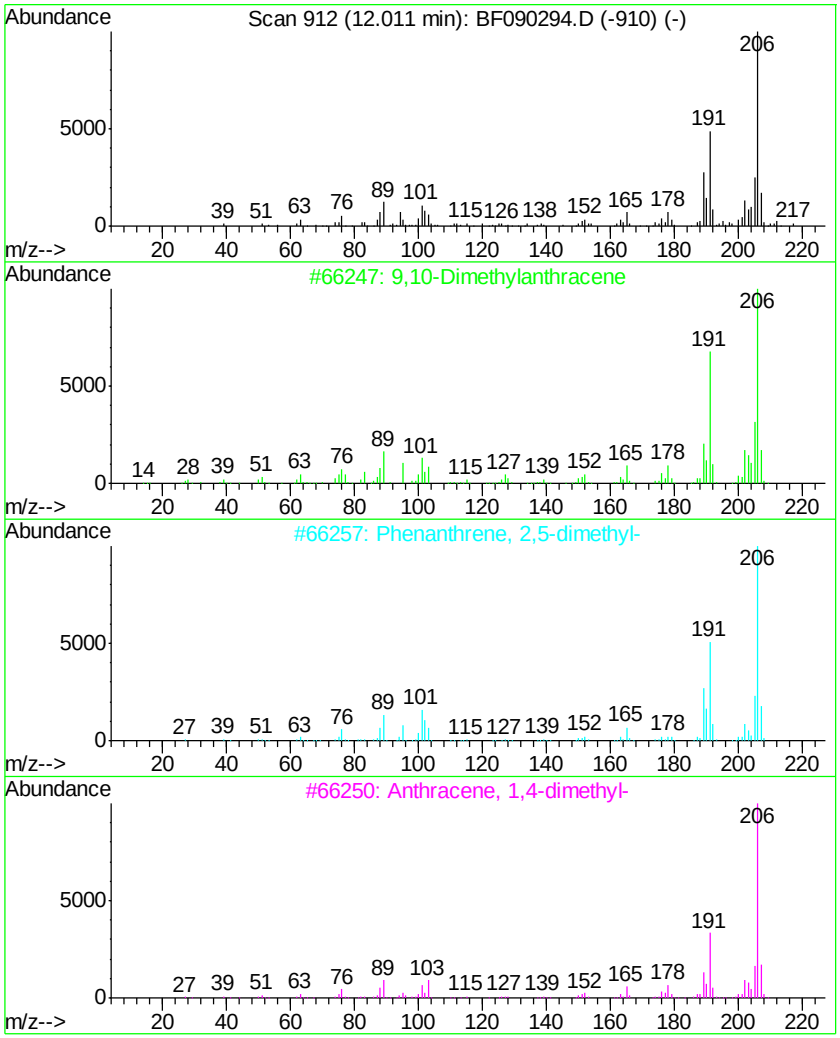
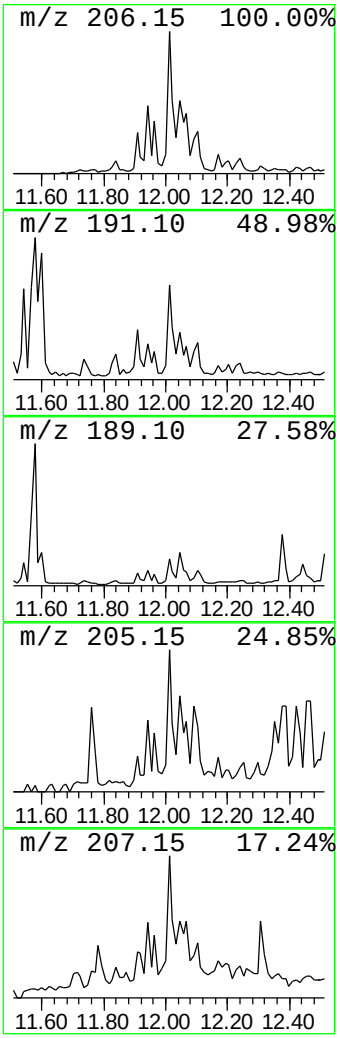
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.98 ng	162326	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Sample : H4982-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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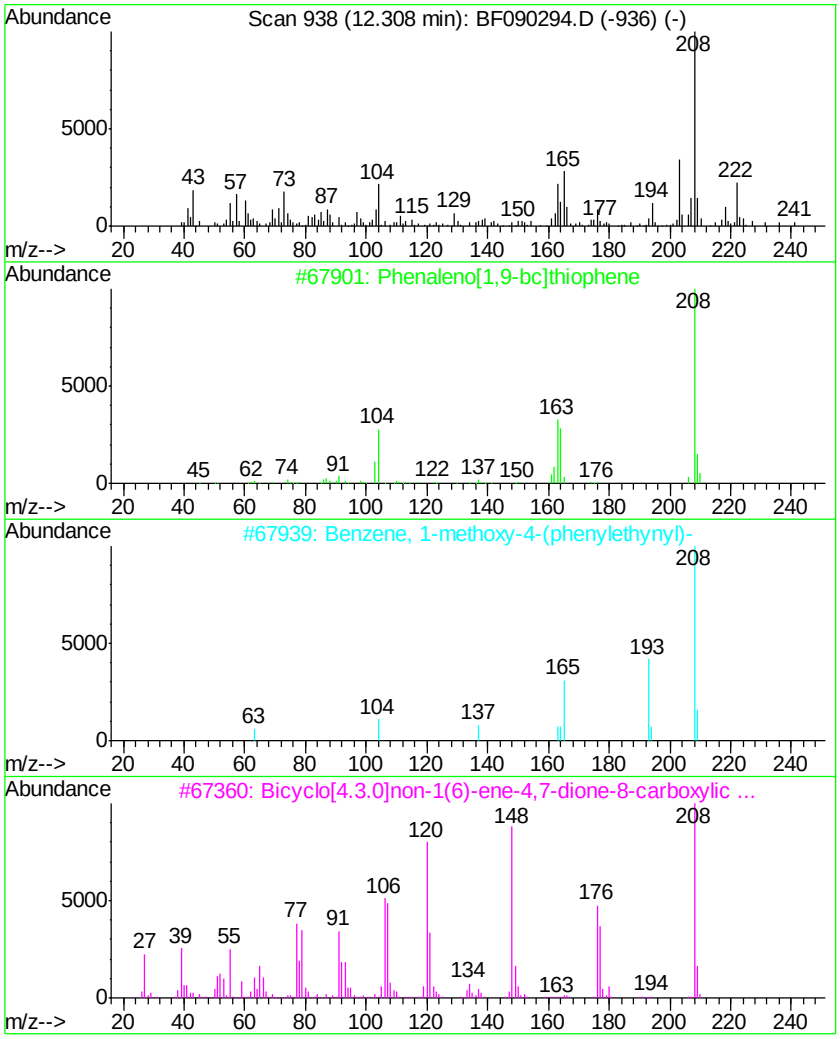
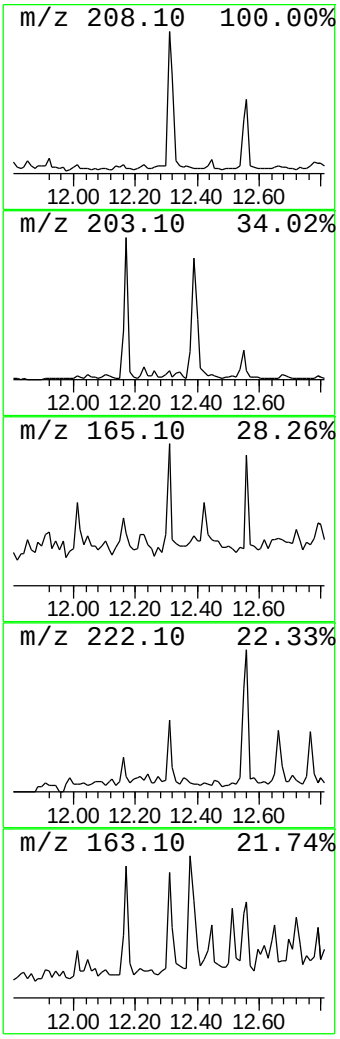
Peak Number 13 Phenaleno[1,9-bc]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.01 ng	228482	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	60
2	Benzene, 1-methoxy-4-(phenylethy...	208	C15H12O	007380-78-1	47
3	Bicyclo[4.3.0]non-1(6)-ene-4,7-d...	208	C11H12O4	1000153-42-1	42
4	Anthracene, 1-methoxy-	208	C15H12O	054458-84-3	38
5	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	38





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Operator : UM/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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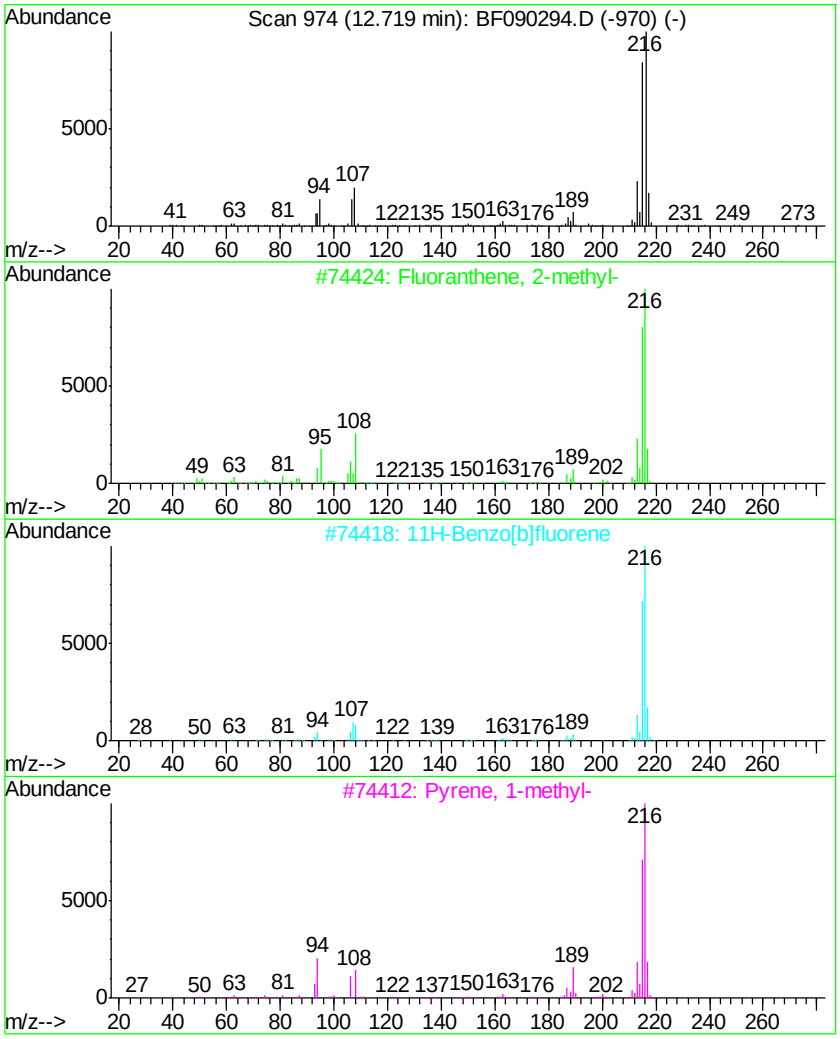
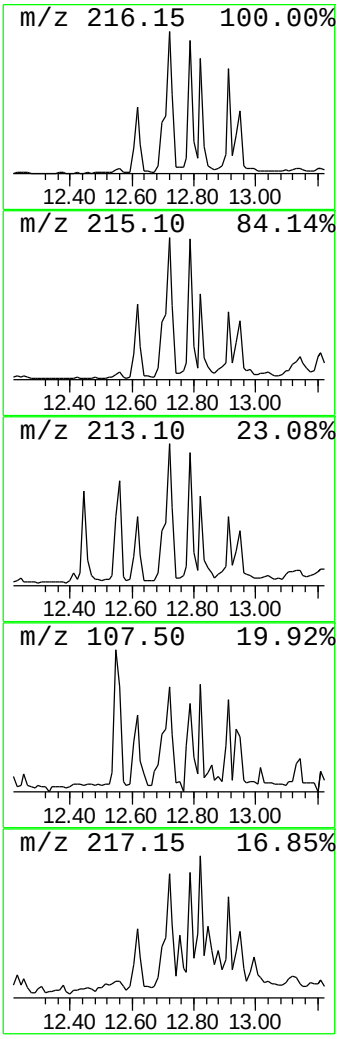
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.15 ng	358492	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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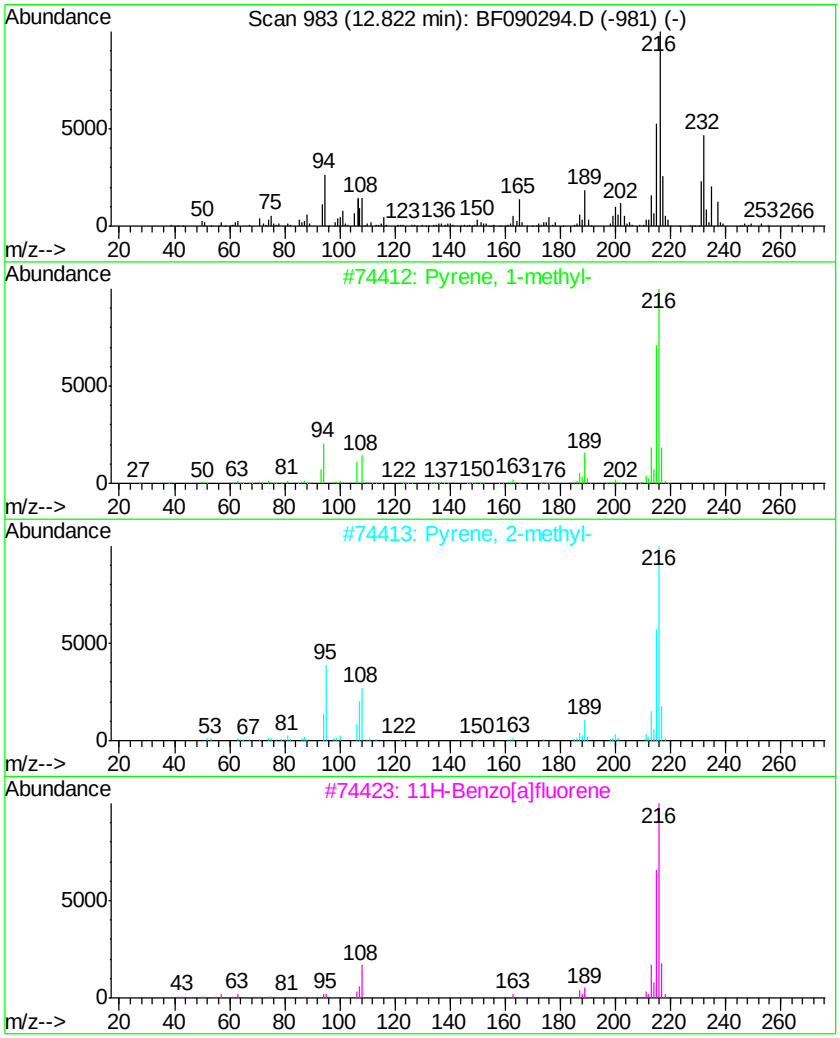
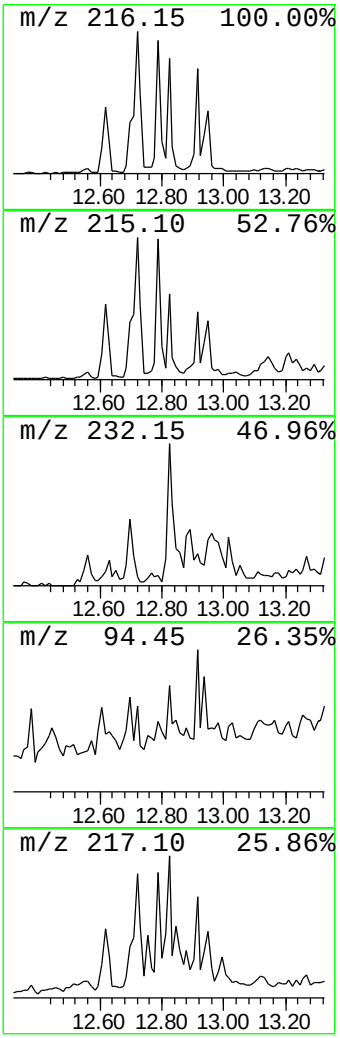
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	2.67 ng	303666	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5	1,2-Difluorostilbene	216	C14H10F2	000643-76-5	43





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Acq On : 29 Sep 2016 16:42
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Sample : H4982-07
Misc :
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Instrument : BNA_F
ClientSampleId : S-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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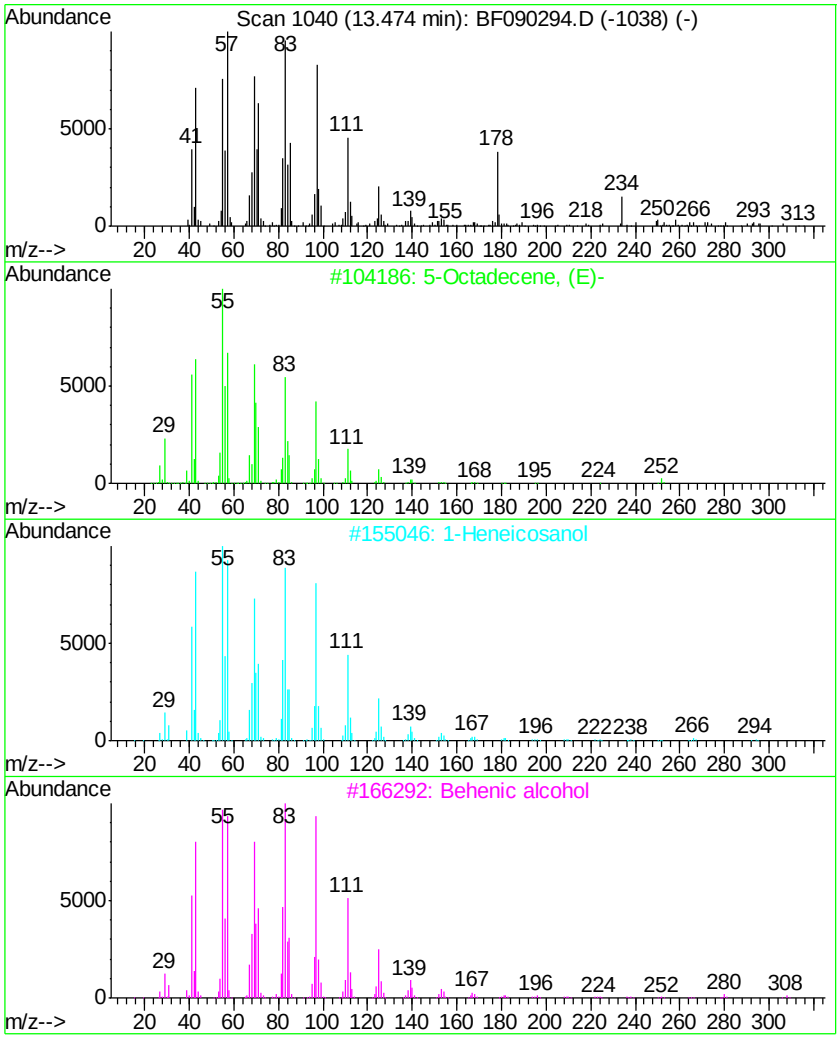
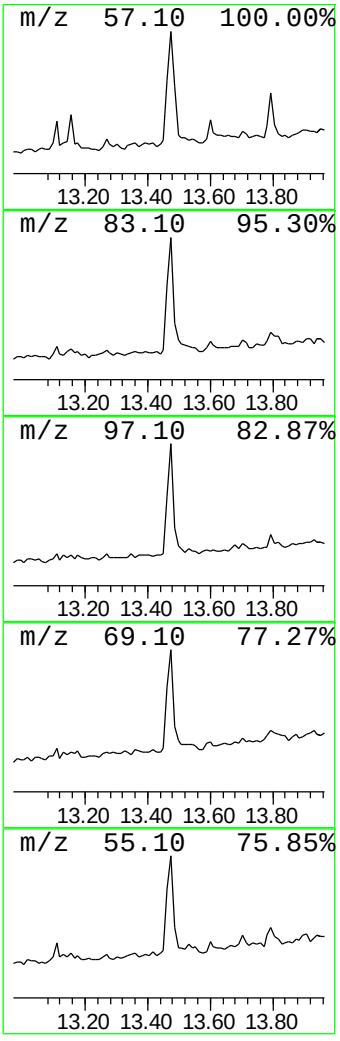
Peak Number 16 5-Octadecene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.38 ng	384264	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	92
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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Instrument : BNA_F
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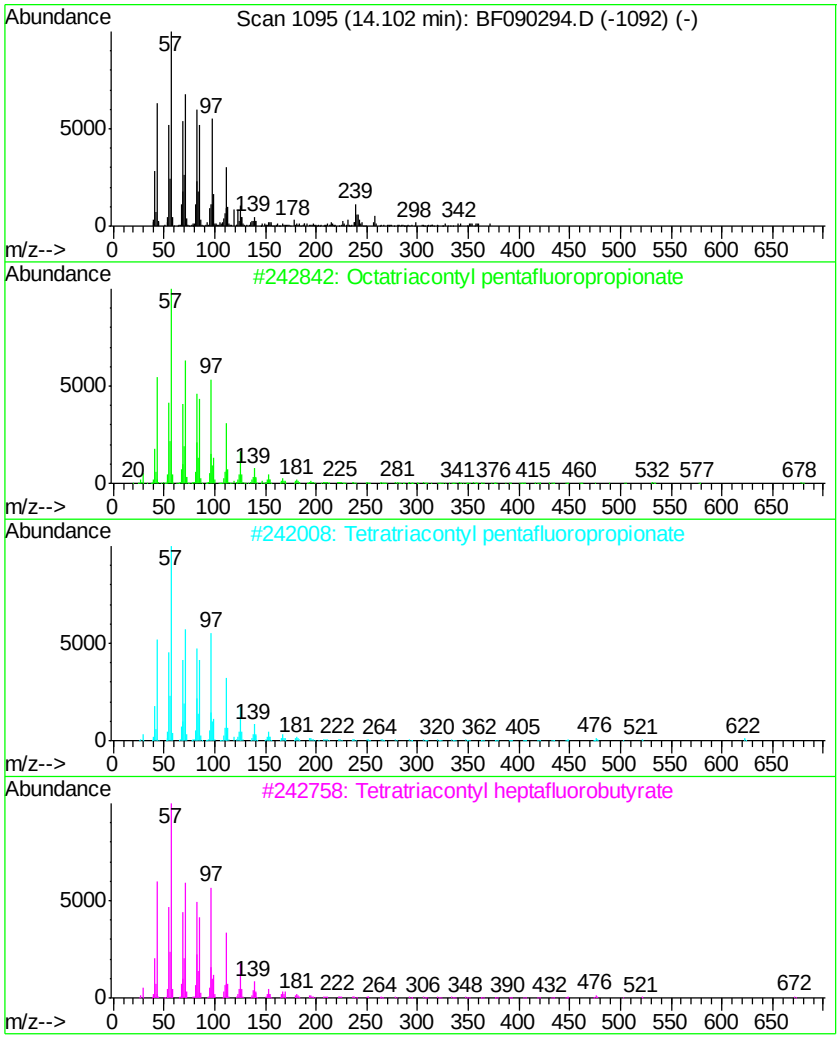
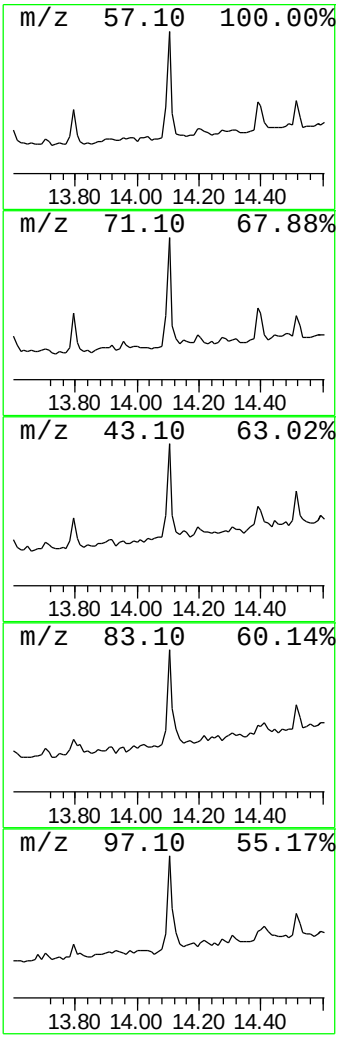
Peak Number 17 Octatriacontyl pentafluorop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.19 ng	363180	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87
2	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87
3	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	87
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	83
5	Hexadecane	226	C16H34	000544-76-3	81





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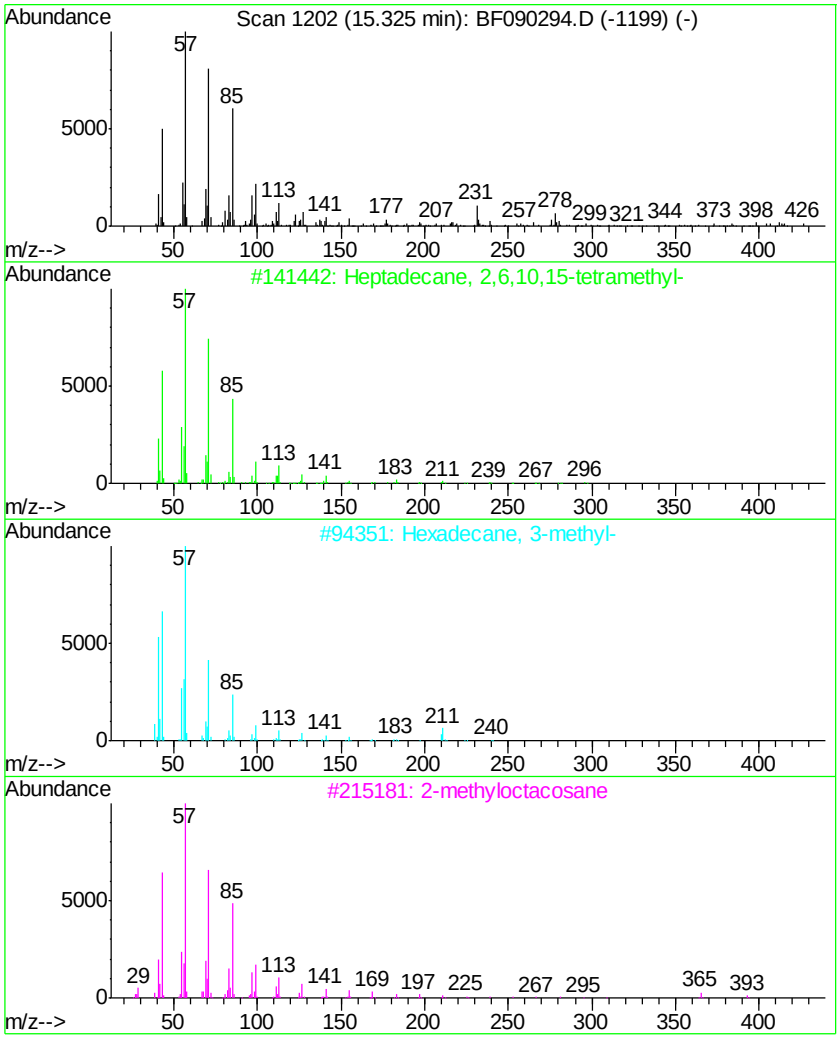
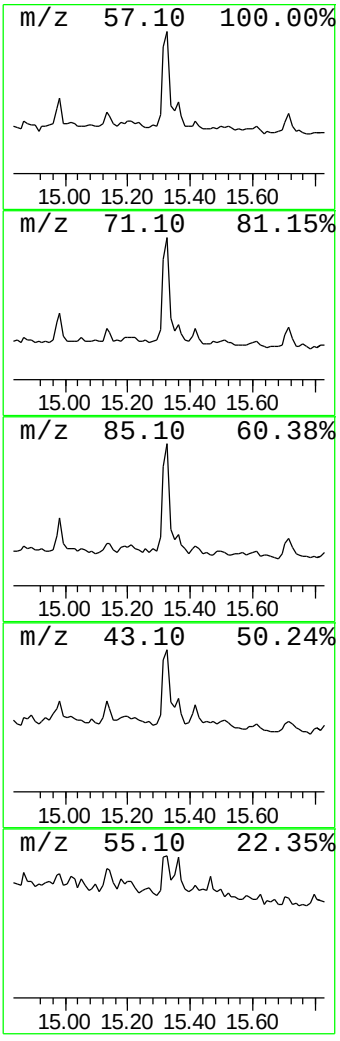
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	9.14 ng	285649	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.55	21.0	ng	763477	1	6.46	725626	20.0
unknown6.23	6.23	95.2	ng	3453530	1	6.46	725626	20.0
Dodecane	10.17	2.3	ng	120508	3	9.50	1039820	20.0
Dodecane, 1-iodo-	10.43	3.7	ng	201556	4	10.97	1090230	20.0
Dibenzothiophene	10.87	3.5	ng	192109	4	10.97	1090230	20.0
Phenanthrene, 2-m...	11.46	2.7	ng	148614	4	10.97	1090230	20.0
Phenanthrene, 1-m...	11.50	3.6	ng	193915	4	10.97	1090230	20.0
Pentadecanoic acid	11.53	4.2	ng	231208	4	10.97	1090230	20.0
4H-Cyclopenta[def...	11.58	7.1	ng	388099	4	10.97	1090230	20.0
9,10-Dimethylanth...	12.01	3.0	ng	162326	4	10.97	1090230	20.0
Phenaleno[1,9-bc]...	12.31	2.0	ng	228482	5	13.59	2276470	20.0
Fluoranthene, 2-m...	12.72	3.1	ng	358492	5	13.59	2276470	20.0
Pyrene, 1-methyl-	12.82	2.7	ng	303666	5	13.59	2276470	20.0
5-Octadecene, (E)-	13.47	3.4	ng	384264	5	13.59	2276470	20.0
Octatriacontyl pe...	14.10	3.2	ng	363180	5	13.59	2276470	20.0
Heptadecane, 2,6,...	15.33	9.1	ng	285649	6	14.91	625031	20.0