LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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	1.678	6	8	53	rVB	2830804	8901545	100.00%	12.022%
2	4.616	262	265	276	rBV	414313	752447	8.45%	1.016%
3	5.084	303	306	309	rBV	2482935	3342611	37.55%	4.514%
4	6.170	398	401	404	rBV	2429115	3328014	37.39%	4.495%
5	6.285	408	411	414	rVV	3274283	3240485	36.40%	4.376%
6	6.513	429	431	434	rBV	811761	934791	10.50%	1.262%
7	6.673	442	445	448	rBV	2911142	2677385	30.08%	3.616%
8	7.085	479	481	484	rBV	1514846	2209085	24.82%	2.983%
9	7.805	542	544	548	rBV	1462113	1344569	15.10%	1.816%
10	8.891	636	639	641	rBV	3919781	3836190	43.10%	5.181%
11	9.211	666	667	669	rVV	74449	98309	1.10%	0.133%
12	9.291	671	674	676	rVV	1118937	1074978	12.08%	1.452%
13	9.405	682	684	687	rVB	194079	223568	2.51%	0.302%
14	9.553	694	697	698	rBV	1220128	1325121	14.89%	1.790%
15	9.576	698	699	702	rVB	163489	170028	1.91%	0.230%
16	9.748	712	714	716	rBV	74630	105312	1.18%	0.142%
17	9.976	730	734	735	rBV2	57505	100783	1.13%	0.136%
18	10.091	742	744	746	rBV	238961	196938	2.21%	0.266%
19	10.331	762	765	768	rBV	1652465	1706058	19.17%	2.304%
20	10.479	774	778	781	rVB2	81497	140233	1.58%	0.189%
21	10.639	789	792	793	rBV	68089	111246	1.25%	0.150%
22	10.788	801	805	806	rBV2	60561	103046	1.16%	0.139%
23	10.822	806	808	811	rVB	96331	145317	1.63%	0.196%
24	10.914	814	816	819	rVB2	172744	203196	2.28%	0.274%
25	11.039	823	827	829	rBV2	1930659	3293731	37.00%	4.448%
26	11.096	829	832	834	rVV	528278	645481	7.25%	0.872%
27	11.256	842	846	847	rBV2	145339	181182	2.04%	0.245%
28	11.348	853	854	857	rVB	231066	192087	2.16%	0.259%
29	11.428	857	861	863	rBV2	69791	90898	1.02%	0.123%
30	11.519	866	869	870	rBV	612195	583780	6.56%	0.788%
31	11.542	870	871	873	rVB	600598	585209	6.57%	0.790%
32	11.588	873	875	877	rBV	281627	449856	5.05%	0.608%
33	11.622	877	878	883	rVB	793580	1207517	13.57%	1.631%
34	11.714	883	886	888	rBV3	42379	104108	1.17%	0.141%

LSC Area Percent Report

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Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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

35	11.748	888	889	891	rVB	97285	95066	1.07%	0.128%
36	11.817	891	895	900	rBV2	331087	648487	7.29%	0.876%
37	11.965	905	908	909	rBV2	108499	150953	1.70%	0.204%
38	12.068	914	917	918	rBV	314804	379277	4.26%	0.512%
39	12.102	918	920	921	rVB	119209	150605	1.69%	0.203%
40	12.148	921	924	928	rVB3	207092	322388	3.62%	0.435%
41	12.228	928	931	933	rBV	1886989	2728706	30.65%	3.685%
42	12.274	933	935	937	rBV2	73806	95657	1.07%	0.129%
43	12.308	937	938	940	rVB	107850	93451	1.05%	0.126%
44	12.365	940	943	947	rBV3	300478	488990	5.49%	0.660%
45	12.445	947	950	953	rBV	2401596	2771816	31.14%	3.743%
46	12.491	953	954	959	rVB2	102161	204942	2.30%	0.277%
47	12.571	959	961	962	rBV	95838	171512	1.93%	0.232%
48	12.605	962	964	966	rVB	2220143	2239110	25.15%	3.024%
49	12.662	966	969	971	rBV2	229992	310725	3.49%	0.420%
50	12.777	974	979	980	rVB2	347062	713264	8.01%	0.963%
51	12.834	983	984	986	rBV	198927	250792	2.82%	0.339%
52	12.868	986	987	989	rBV	319966	391357	4.40%	0.529%
53	12.959	994	995	997	rBV	237117	237321	2.67%	0.321%
54	12.994	997	998	1000	rVB	244160	175102	1.97%	0.236%
55	13.074	1003	1005	1010	rVB5	68718	151490	1.70%	0.205%
56	13.188	1010	1015	1019	rBV5	112368	455409	5.12%	0.615%
57	13.268	1020	1022	1025	rBV2	241414	316606	3.56%	0.428%
58	13.382	1029	1032	1033	rBV	355627	435397	4.89%	0.588%
59	13.428	1033	1036	1039	rVV3	169164	358334	4.03%	0.484%
60	13.485	1039	1041	1042	rVB	216760	241849	2.72%	0.327%
61	13.520	1042	1044	1050	rVB3	214385	355507	3.99%	0.480%
62	13.634	1050	1054	1060	rBV3	1442142	4256881	47.82%	5.749%
63	13.737	1060	1063	1064	rVB2	170446	195236	2.19%	0.264%
64	13.771	1064	1066	1067	rBV2	75129	101544	1.14%	0.137%
65	13.954	1080	1082	1083	rBV2	71951	107410	1.21%	0.145%
66	14.022	1085	1088	1089	rVV	301887	500031	5.62%	0.675%
67	14.045	1089	1090	1092	rVV	182474	263059	2.96%	0.355%
68	14.102	1093	1095	1097	rVV2	165015	296958	3.34%	0.401%
69	14.148	1097	1099	1103	rVV4	257529	585882	6.58%	0.791%
70	14.217	1103	1105	1107	rVB	101667	118616	1.33%	0.160%
71	14.320	1112	1114	1115	rBV	80948	129595	1.46%	0.175%

LSC Area Percent Report

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Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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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Peak separation: 5

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

72	14.617	1138	1140	1144	rBV	1221182	2305951	25.91%	3.114%
73	14.697	1145	1147	1149	rVV2	178444	333371	3.75%	0.450%
74	14.743	1149	1151	1153	rVB2	145876	223324	2.51%	0.302%
75	14.857	1159	1161	1164	rVB	584946	819169	9.20%	1.106%
76	14.914	1164	1166	1168	rVV	975100	1118494	12.57%	1.511%
77	14.960	1168	1170	1179	rVB3	533219	1134105	12.74%	1.532%
78	15.188	1188	1190	1194	rBV3	94410	146237	1.64%	0.198%
79	15.383	1205	1207	1208	rBV	105182	134824	1.51%	0.182%
80	15.417	1208	1210	1213	rVB2	113154	176257	1.98%	0.238%
81	16.000	1258	1261	1267	rVB2	111442	265769	2.99%	0.359%
82	16.137	1269	1273	1276	rVB2	358693	717101	8.06%	0.968%
83	16.320	1287	1289	1293	rVB2	77971	157977	1.77%	0.213%
84	16.480	1299	1303	1310	rVV	319234	654258	7.35%	0.884%
85	16.594	1311	1313	1316	rVV3	76143	175118	1.97%	0.237%
86	16.663	1316	1319	1325	rVB2	72944	170240	1.91%	0.230%
87	18.229	1451	1456	1463	rVB2	96516	417272	4.69%	0.564%

Sum of corrected areas: 74043896

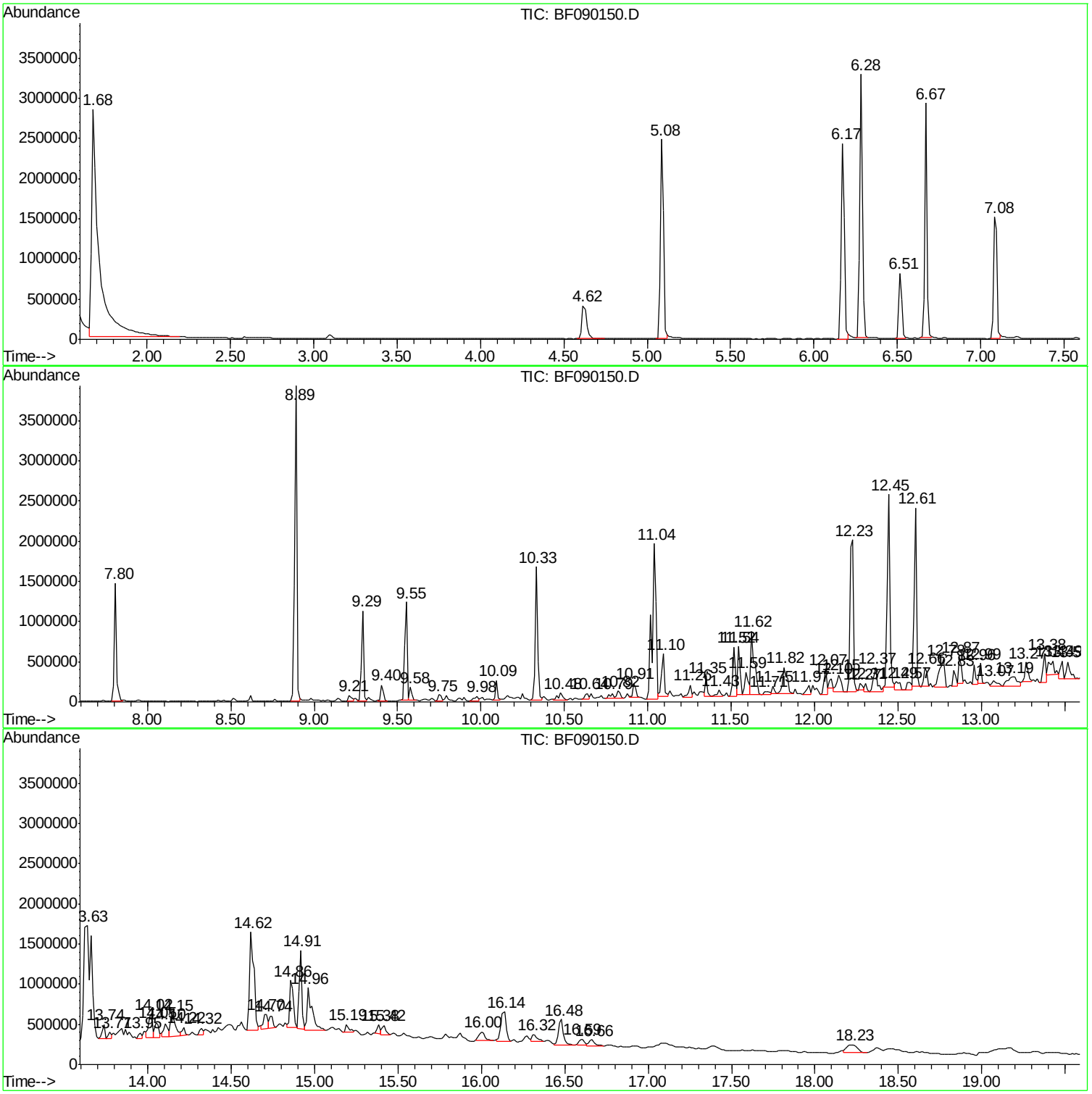
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-02-WESTSIDEWALL

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\BF092016\
Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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

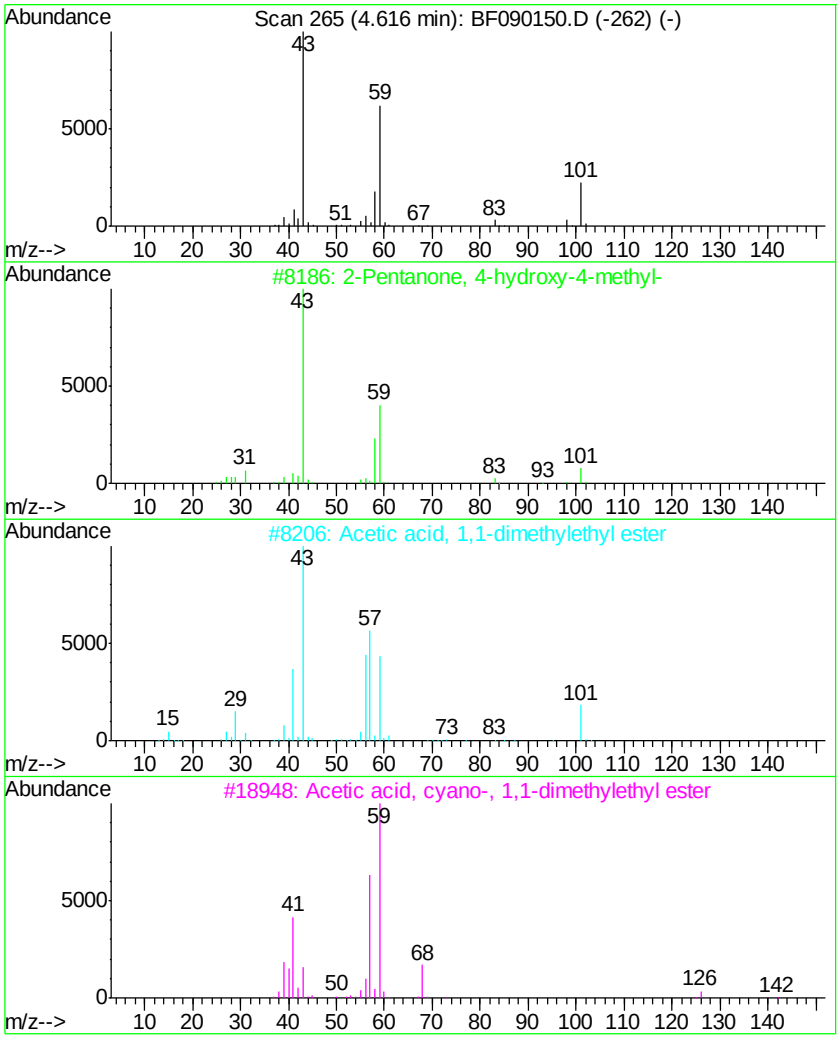
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

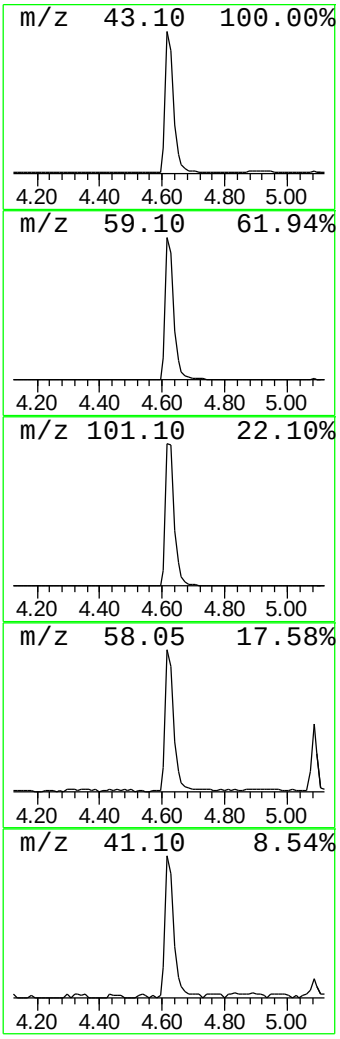
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	16.10 ng	752447	1,4-Dichlorobenzene-d4	6.51

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-02-WESTSIDEWALL

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

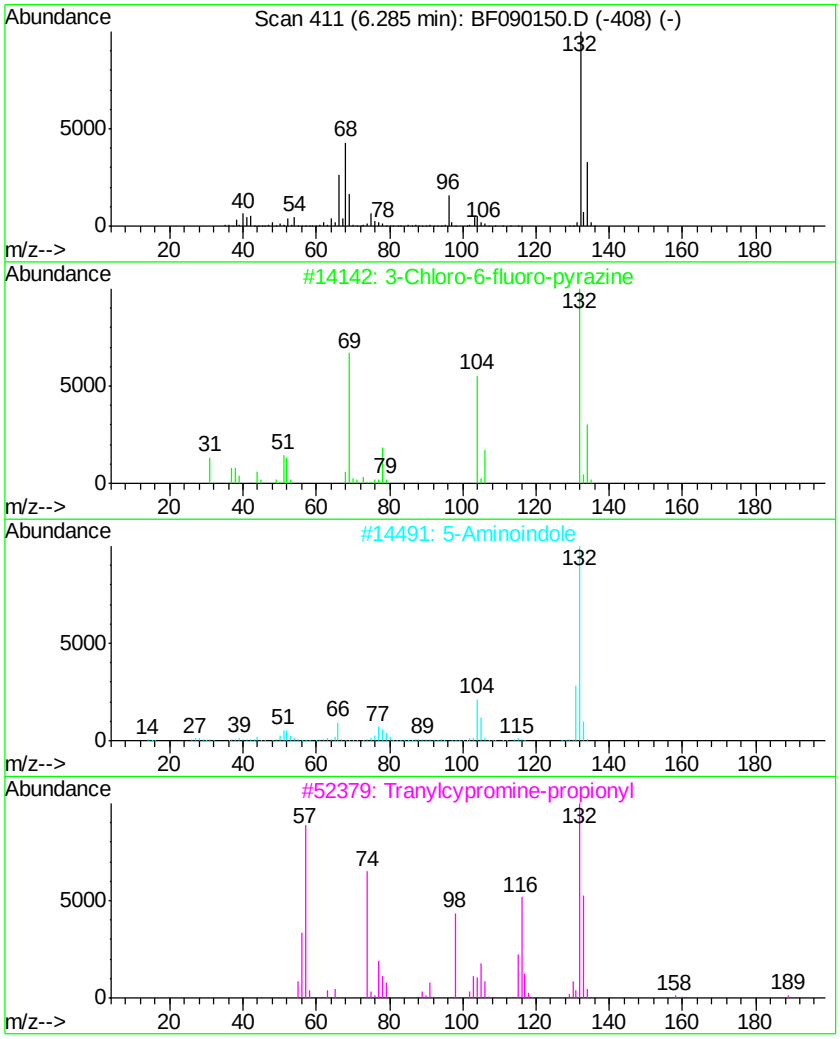
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

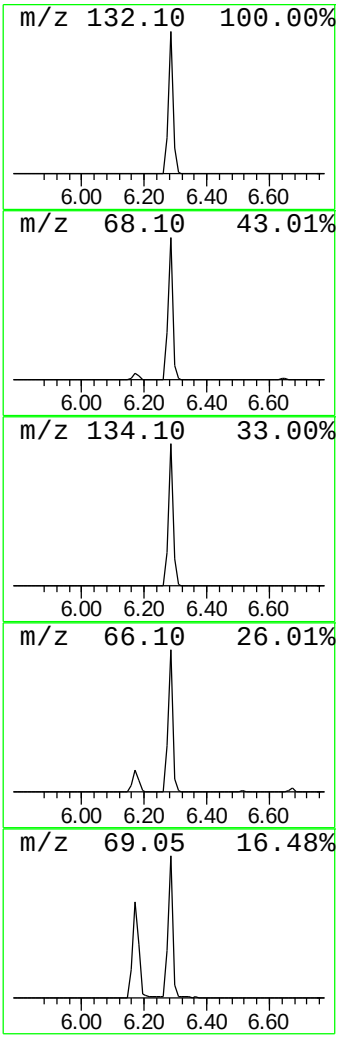
****

Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	69.33 ng	3240490	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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

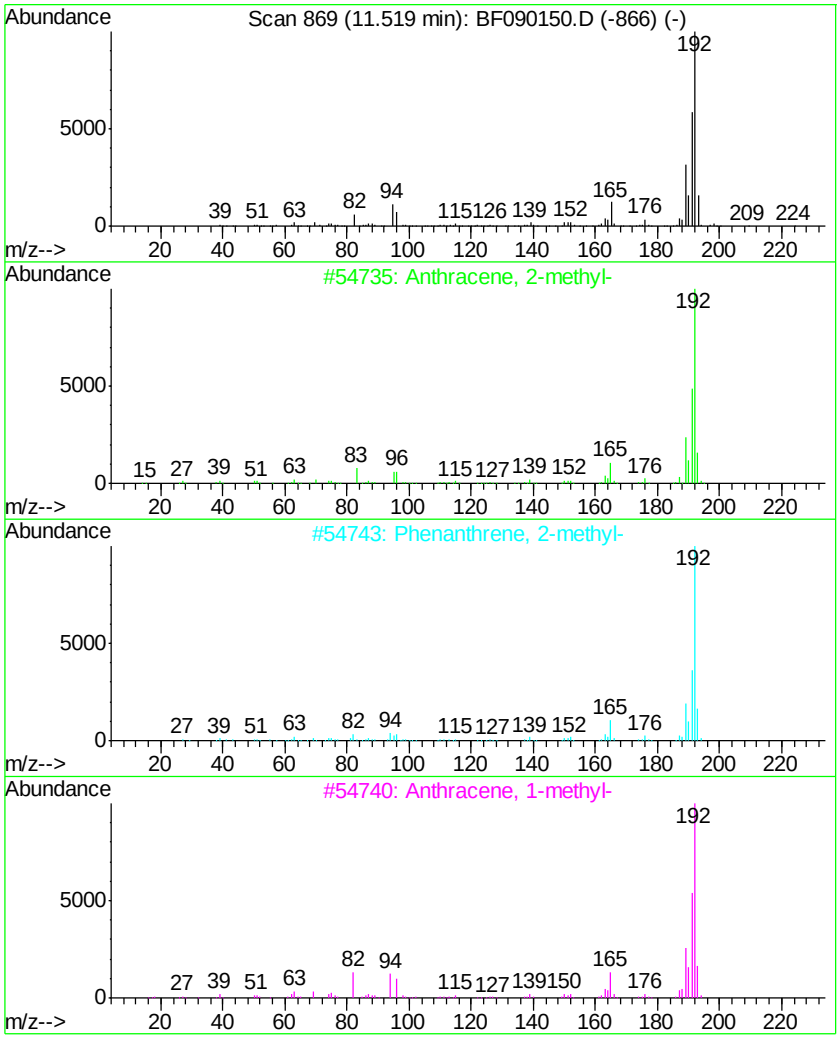
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

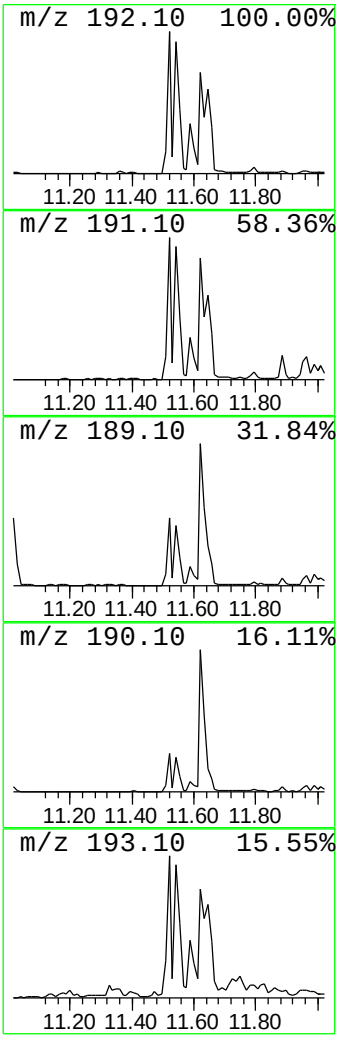
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.54 ng	583780	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\Database\NIST11.L
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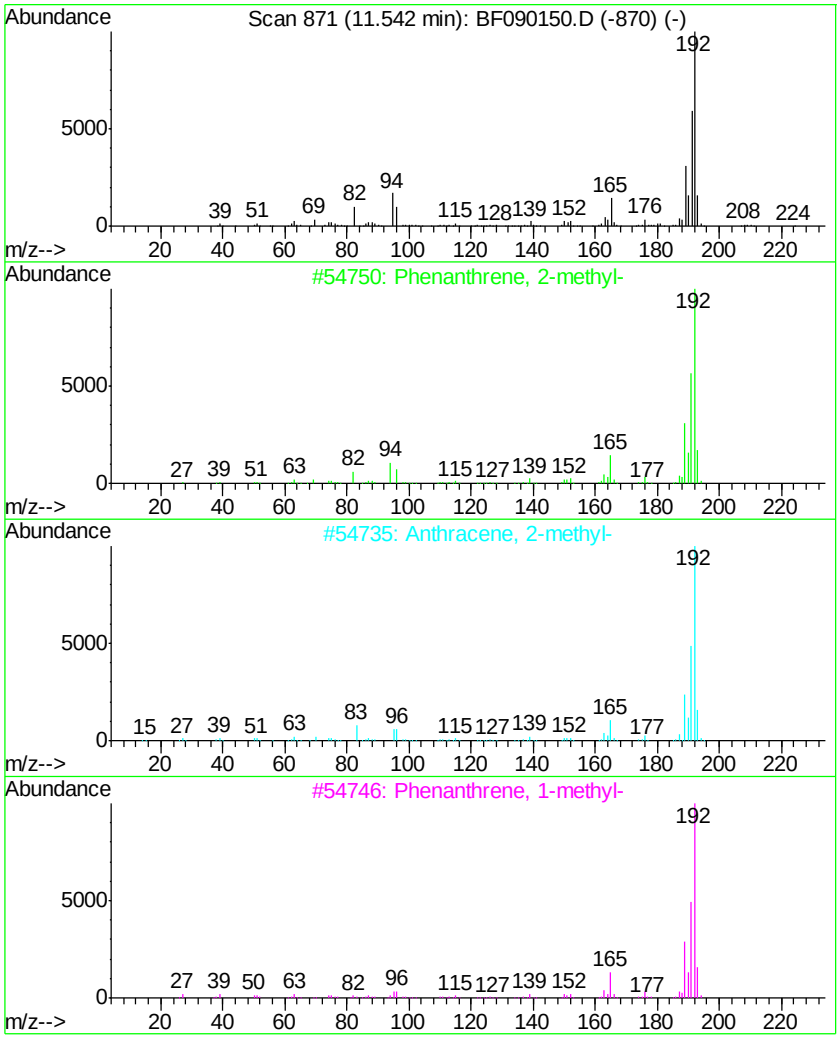
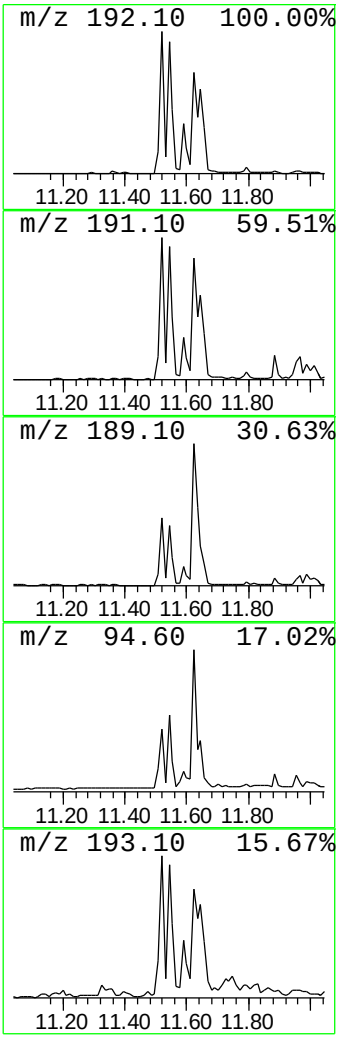
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.55 ng	585209	Phenanthrene-d10	11.02

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
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Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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

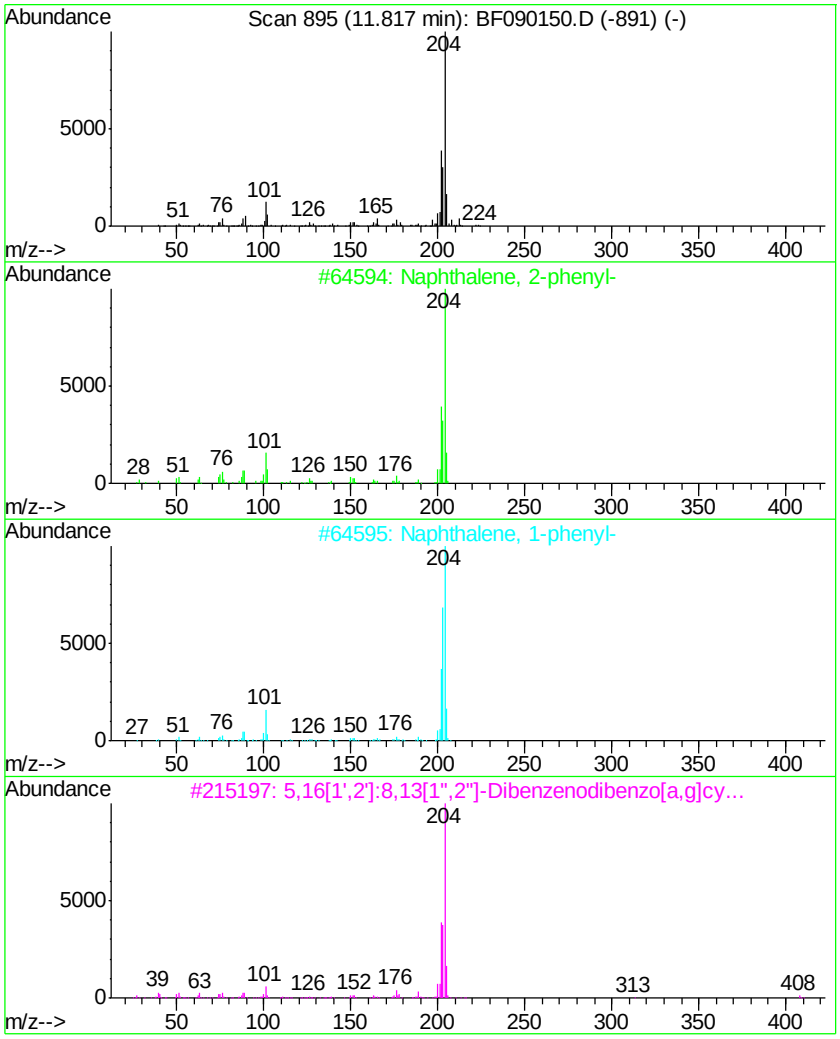
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

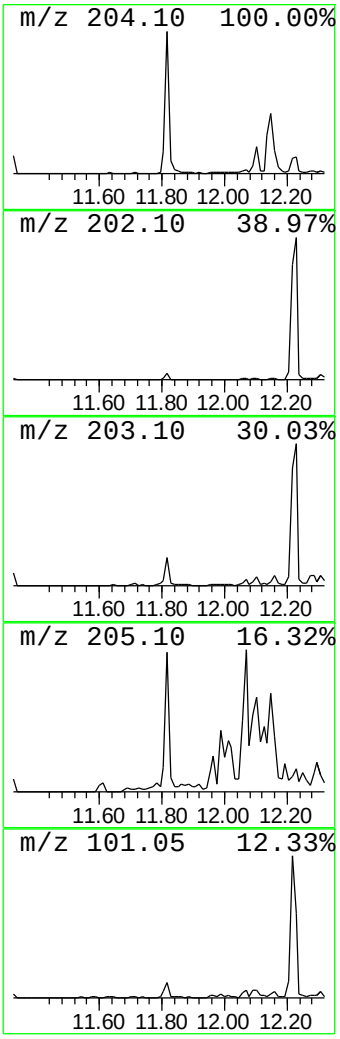
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.94 ng	648487	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-02-WESTSIDEWALL

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

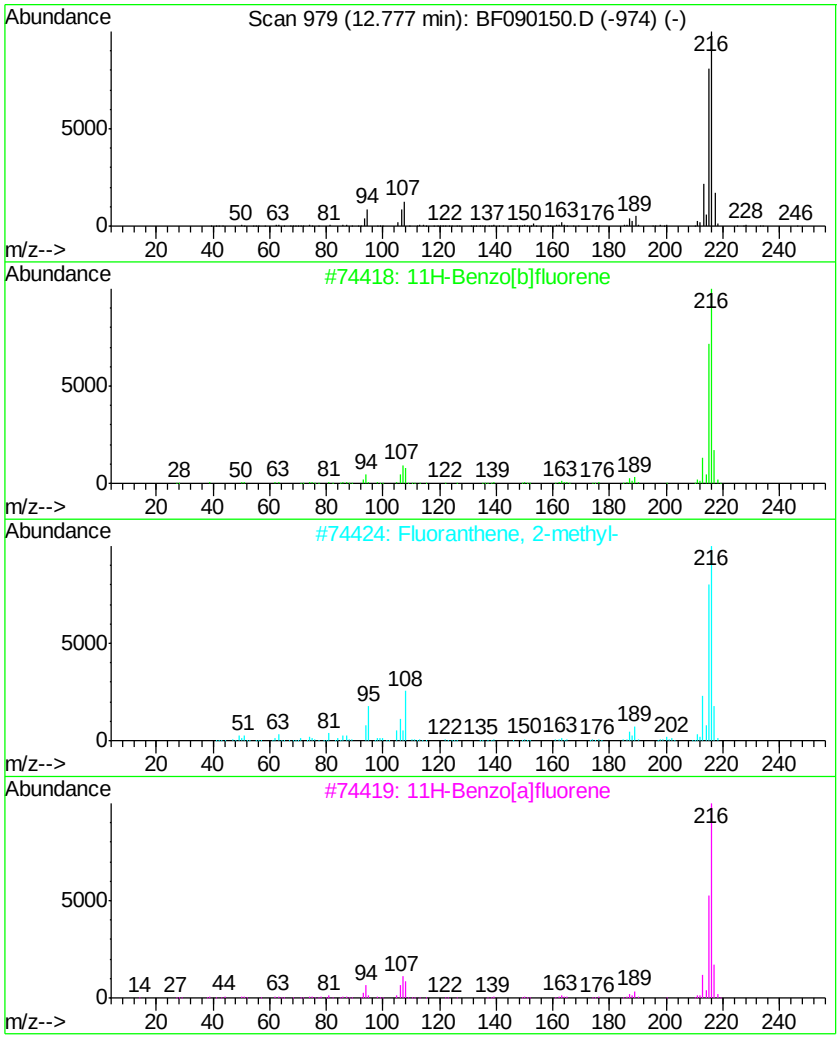
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

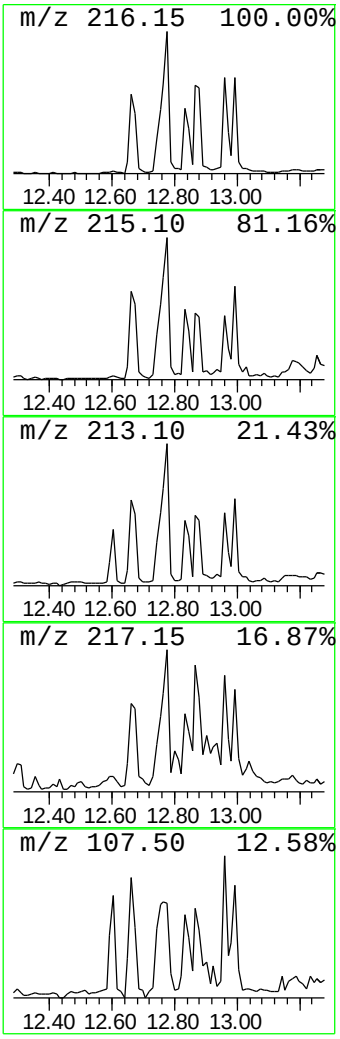
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.35 ng	713264	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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

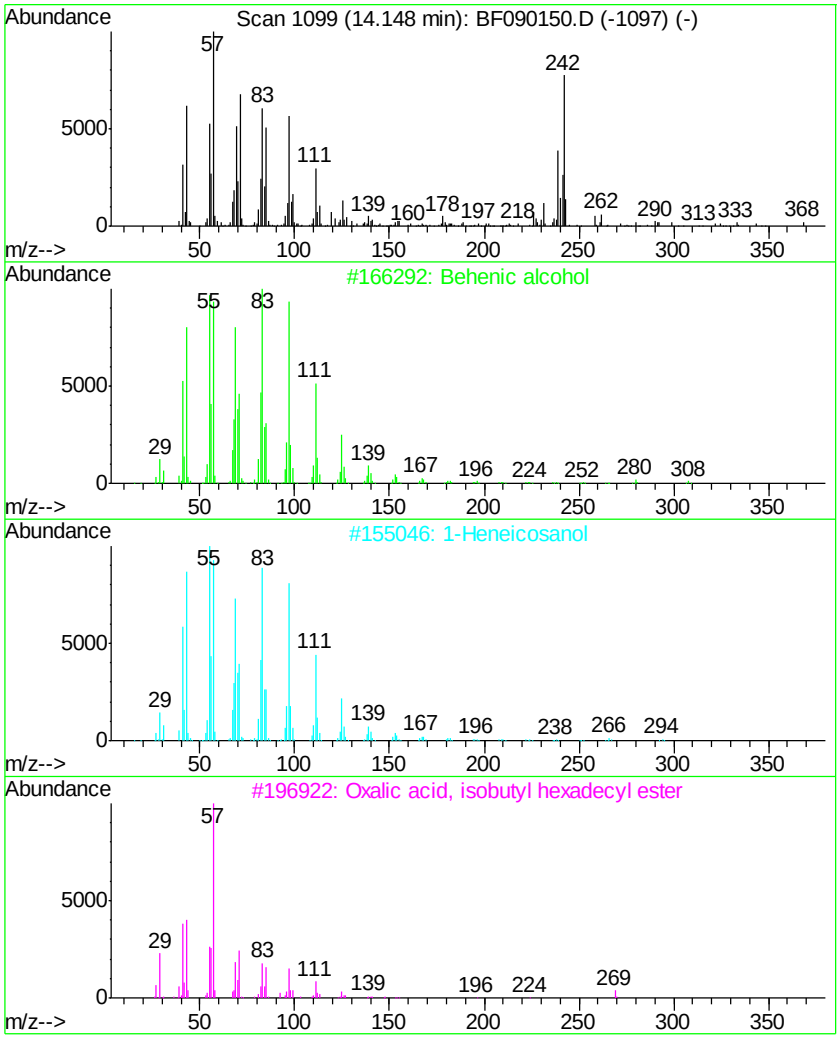
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

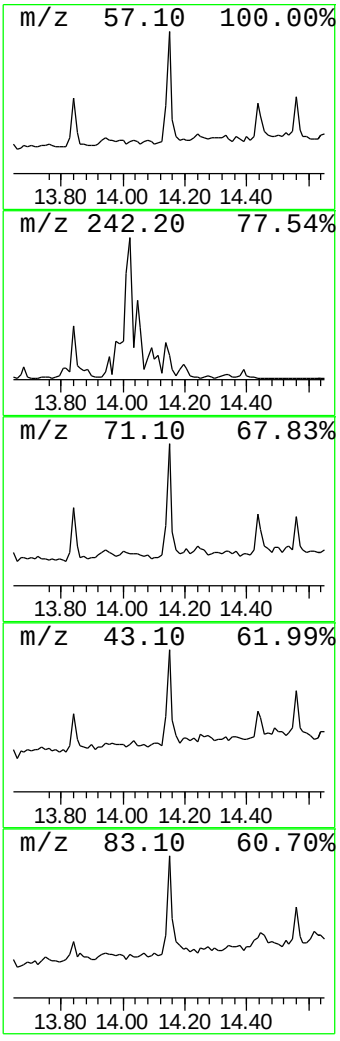
****

Peak Number 9 Behenic alcohol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.75 ng	585882	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	81
2	1-Heneicosanol	312	C21H44O	015594-90-8	80
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	49
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	42
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	42





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Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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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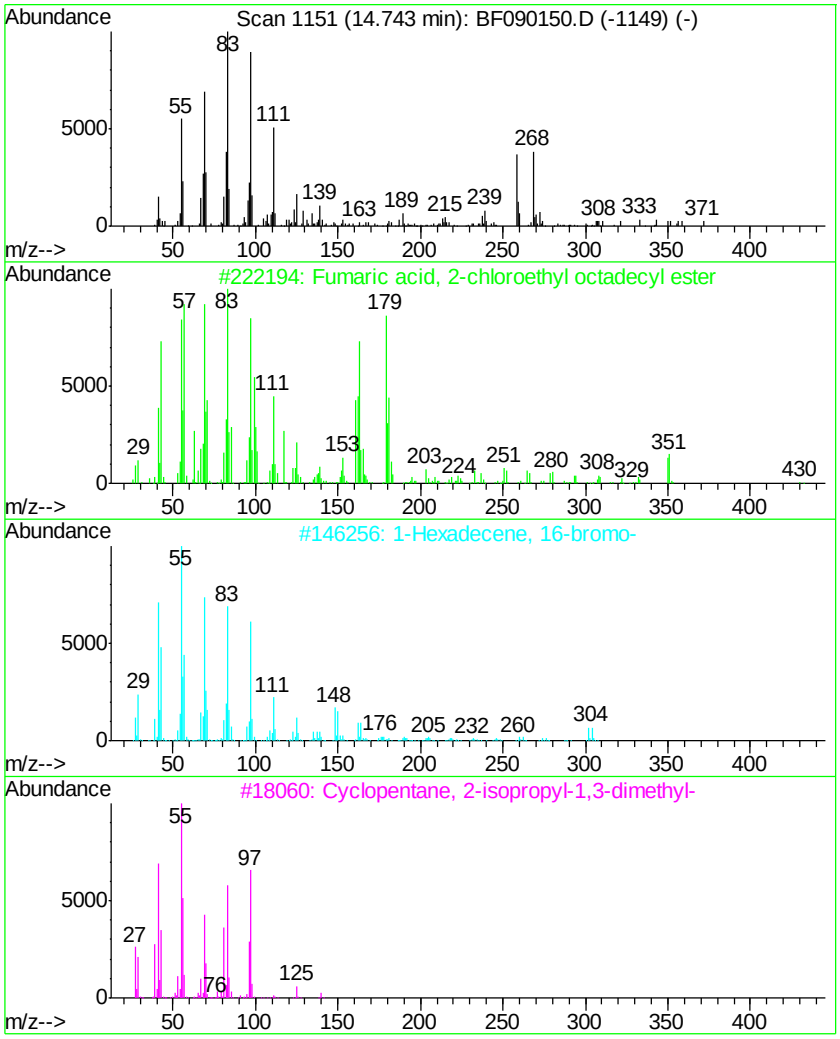
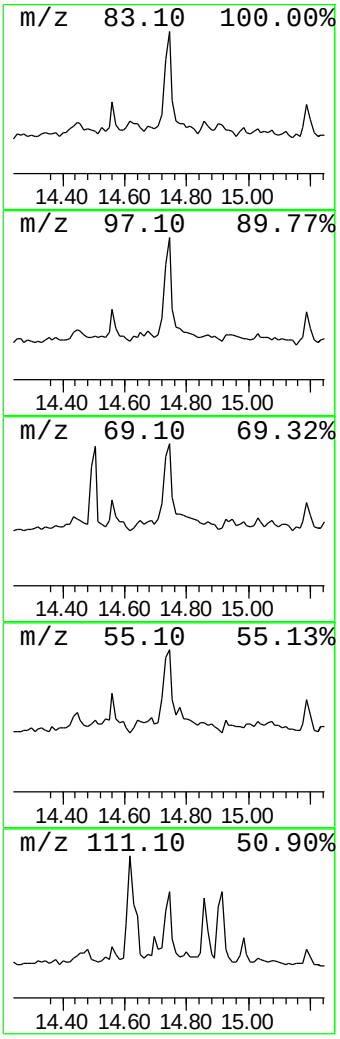
Peak Number 11 unknown14.74 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.94 ng	223324	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloroethyl octa...	430	C24H43ClO4	1000330-62-4	47
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	47
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	43
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
5	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-02-WESTSIDEWALL

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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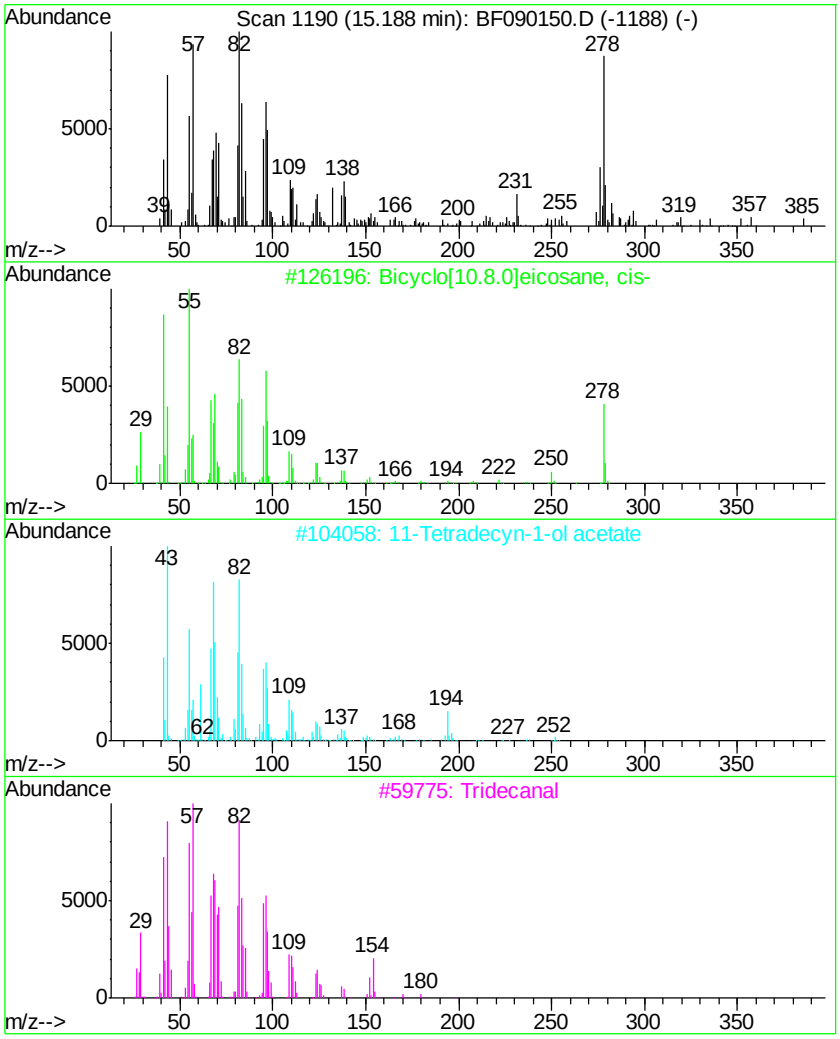
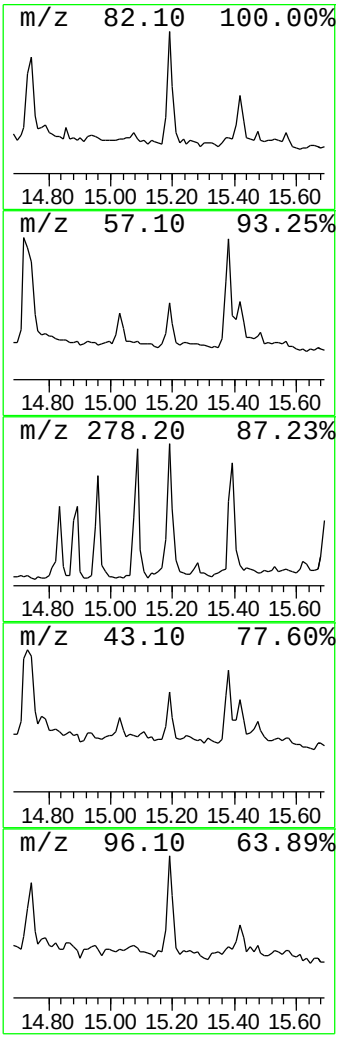
Peak Number 13 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.58 ng	146237	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	86
2	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	64
3	Tridecanal	198	C13H26O	010486-19-8	50
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49
5	Octadecanal	268	C18H36O	000638-66-4	46





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Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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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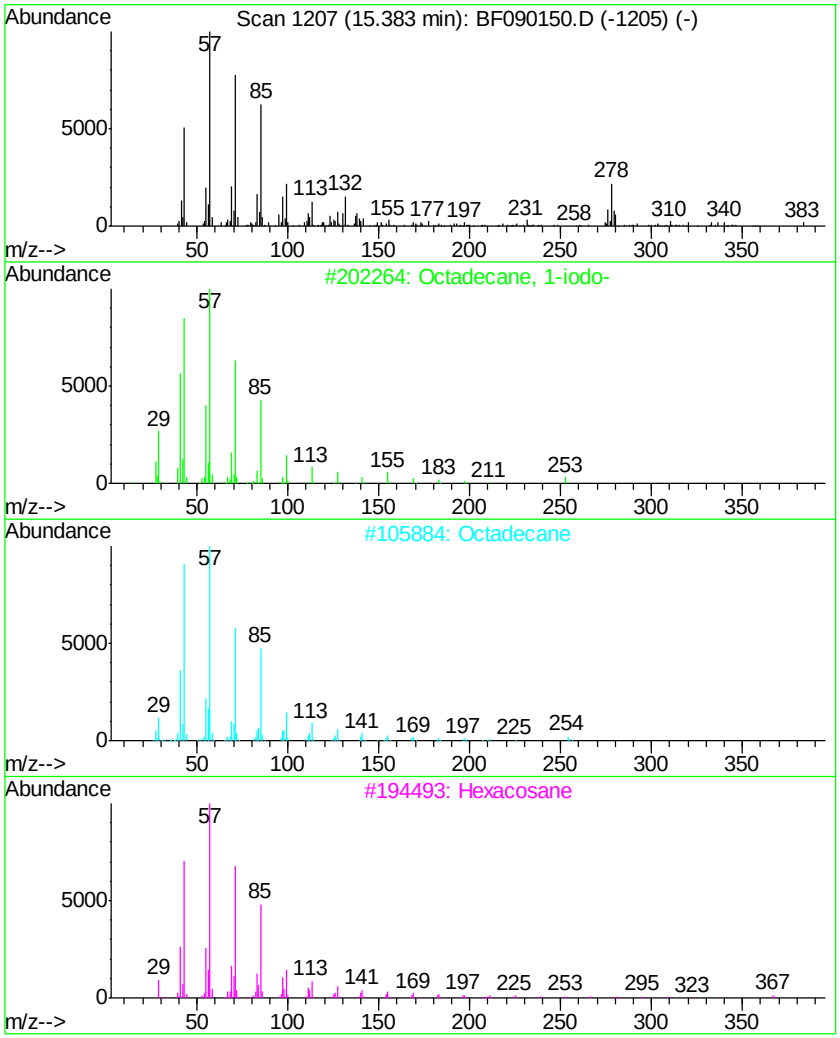
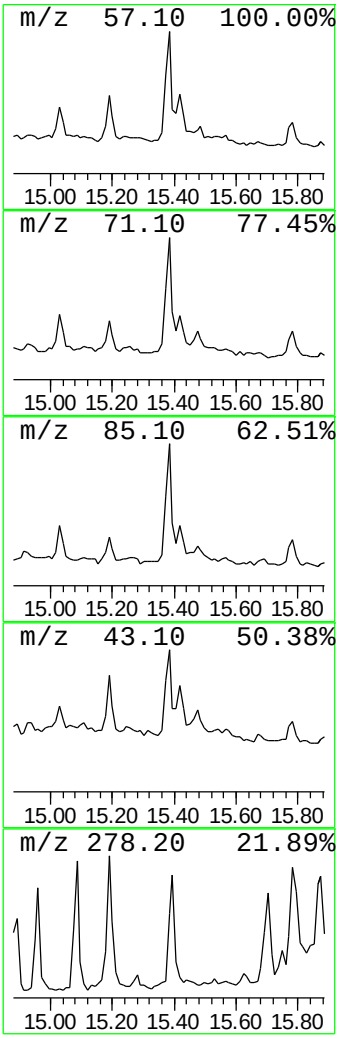
Peak Number 14 Octadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	2.38 ng	134824	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
2	Octadecane	254	C18H38	000593-45-3	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
5	Docosane	310	C22H46	000629-97-0	53





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Data File : BF090150.D
Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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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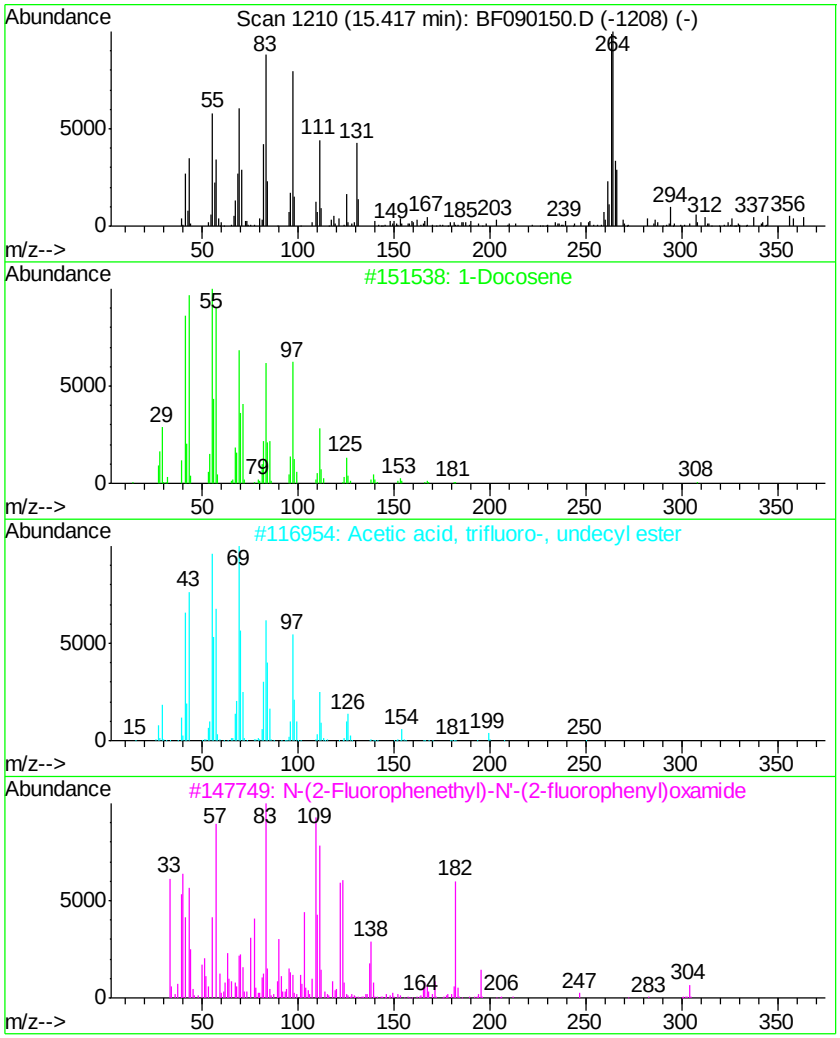
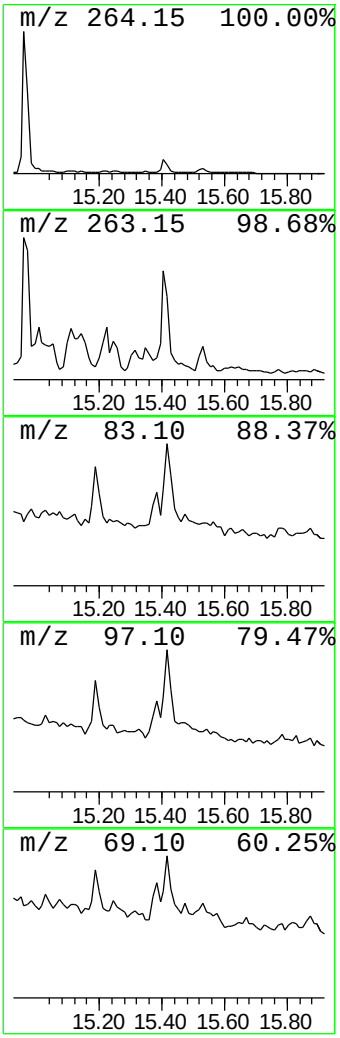
Peak Number 15 1-Docosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	3.11 ng	176257	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	55
2	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	27
3	N-(2-Fluorophenethyl)-N'-(2-fluo...	304	C16H14F2N2O2	339006-39-2	25
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	22
5	1-Octadecanol	270	C18H38O	000112-92-5	22





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Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-02-WESTSIDEWALL

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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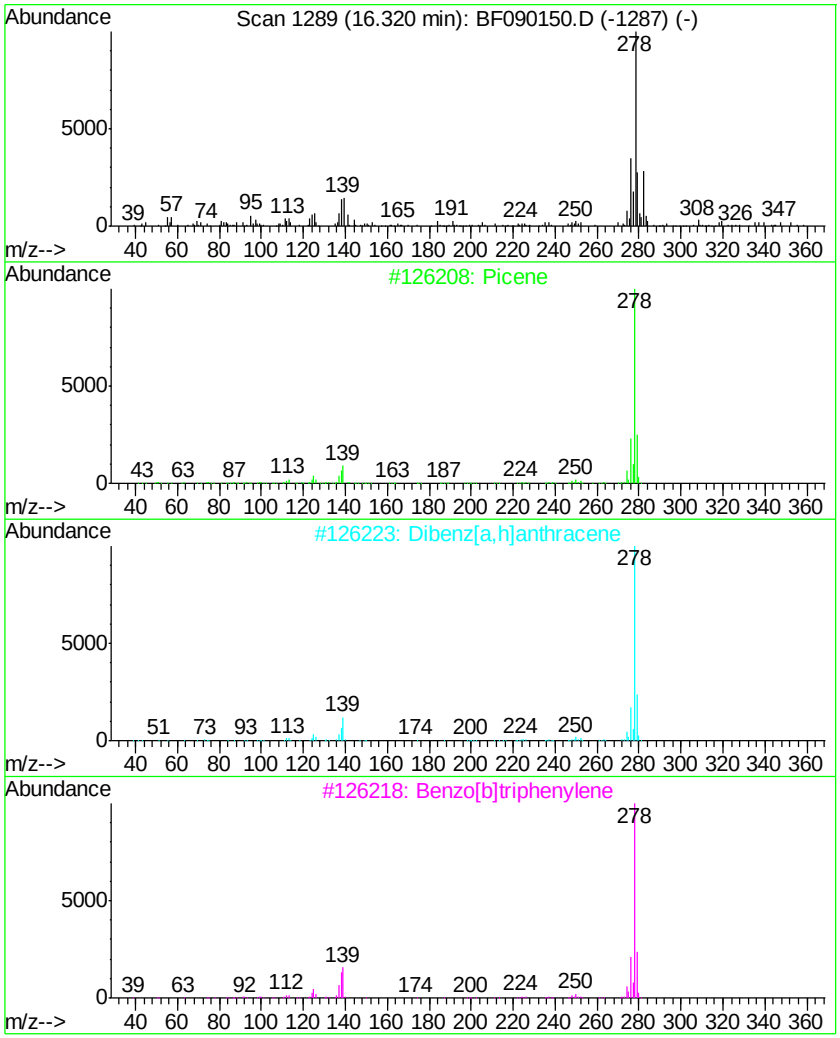
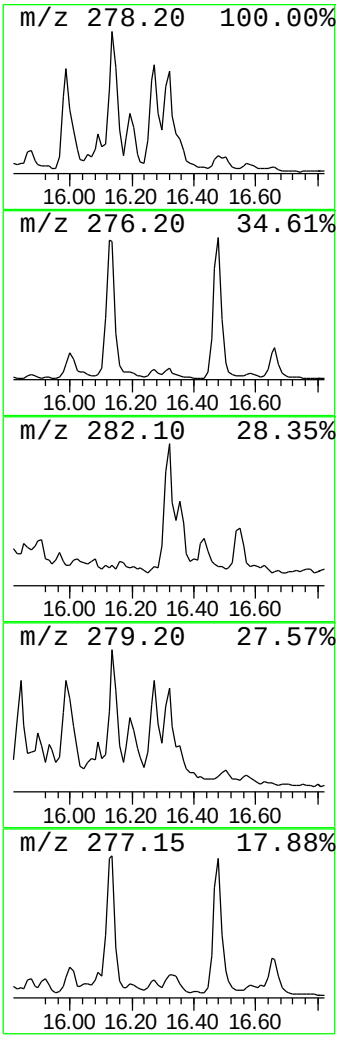
Peak Number 17 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.79 ng	157977	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Pentaphene	278	C22H14	000222-93-5	93
5	Pentacene	278	C22H14	000135-48-8	92





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Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FHSW-02-WESTSIDEWALL

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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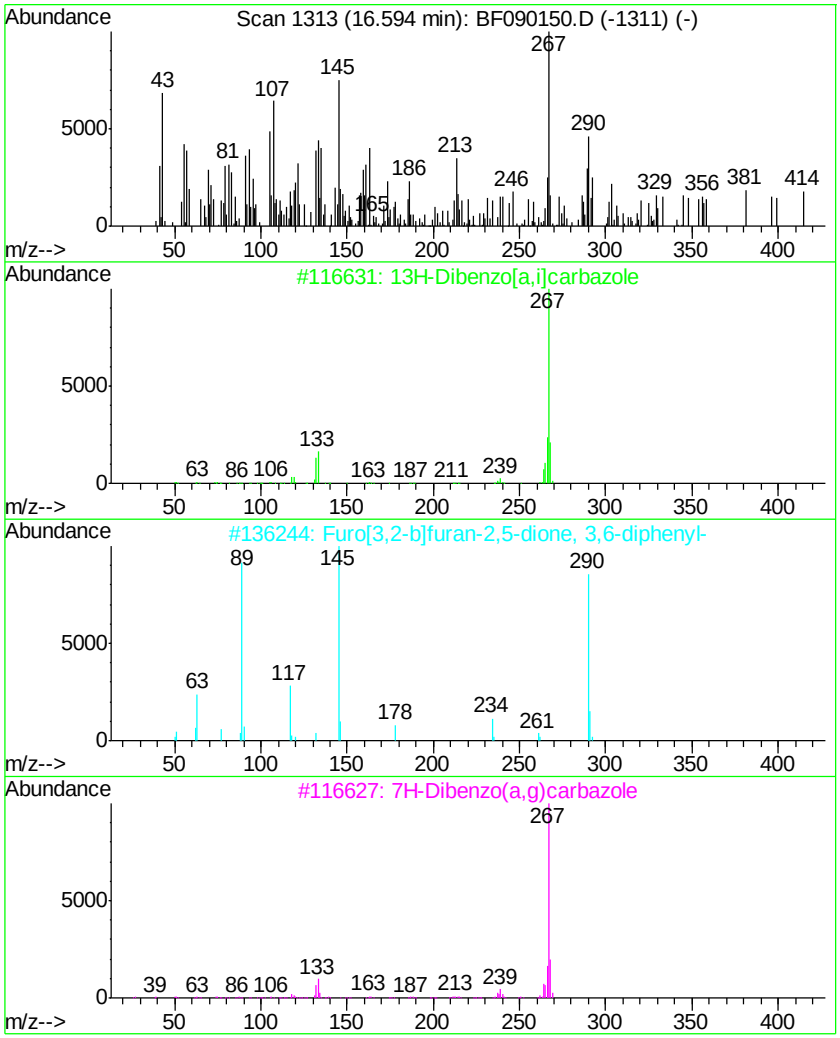
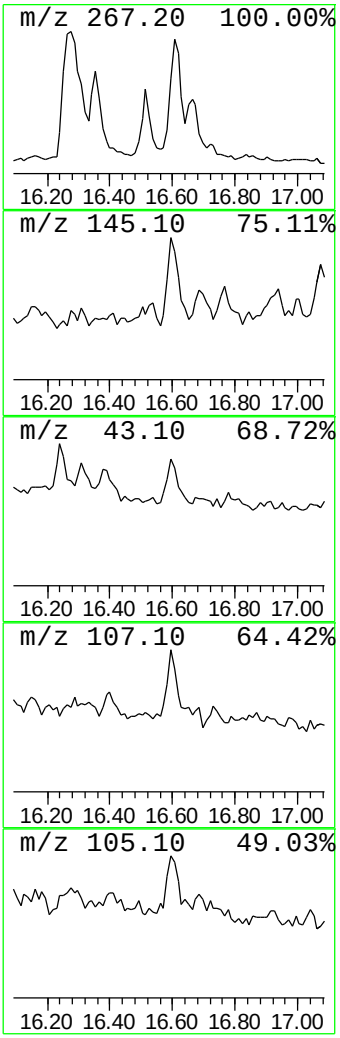
Peak Number 18 unknown16.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.09 ng	175118	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	35
2	Furo[3,2-b]furan-2,5-dione, 3,6-...	290	C18H10O4	006273-79-6	25
3	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	25
4	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	25
5	Furan-2-carboxylic acid, (1-benz...	267	C15H13N3O2	1000316-90-5	15





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Sample : H4850-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FHSW-02-WESTSIDEWALL

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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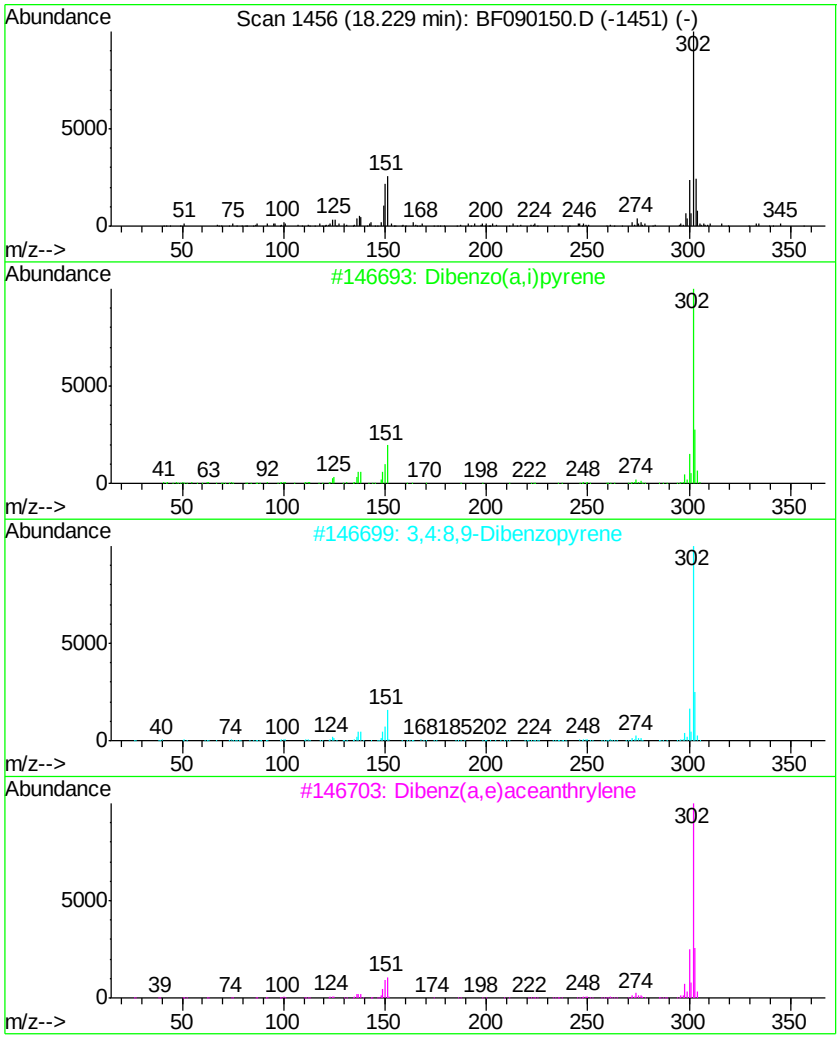
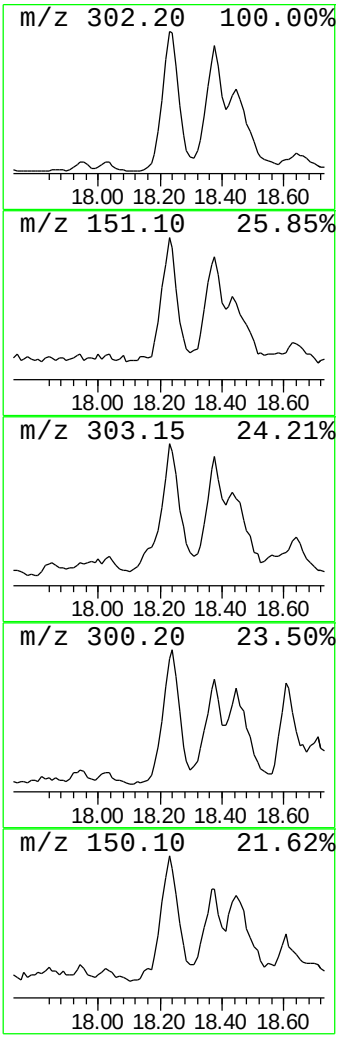
Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	7.36 ng	417272	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	97
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86





Tentatively Identified Compound (LSC) summary

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Acq On : 20 Sep 2016 22:52
Operator : UM/SJ
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Misc :
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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...	4.62	16.1	ng	752447	1	6.51	934791	20.0
unknown6.28	6.28	69.3	ng	3240490	1	6.51	934791	20.0
Anthracene, 2-met...	11.52	3.5	ng	583780	4	11.02	3293730	20.0
Phenanthrene, 2-m...	11.54	3.5	ng	585209	4	11.02	3293730	20.0
Naphthalene, 2-ph...	11.82	3.9	ng	648487	4	11.02	3293730	20.0
11H-Benzo[b]fluorene	12.78	3.4	ng	713264	5	13.63	4256880	20.0
Behenic alcohol	14.15	2.8	ng	585882	5	13.63	4256880	20.0
unknown14.74	14.74	3.9	ng	223324	6	14.96	1134110	20.0
Bicyclo[10.8.0]ei...	15.19	2.6	ng	146237	6	14.96	1134110	20.0
Octadecane, 1-iodo-	15.38	2.4	ng	134824	6	14.96	1134110	20.0
1-Docosene	15.42	3.1	ng	176257	6	14.96	1134110	20.0
Picene	16.32	2.8	ng	157977	6	14.96	1134110	20.0
unknown16.59	16.59	3.1	ng	175118	6	14.96	1134110	20.0
Dibenzo(a,i)pyrene	18.23	7.4	ng	417272	6	14.96	1134110	20.0