LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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	1.667	5	7	40	rVB	1579949	3632301	100.00%	7.847%
2	3.061	125	129	135	rBV	59279	110160	3.03%	0.238%
3	4.604	261	264	274	rVB	390798	664418	18.29%	1.435%
4	5.004	297	299	302	rBV	35055	54734	1.51%	0.118%
5	5.073	302	305	307	rBV	2528233	2872741	79.09%	6.206%
6	6.159	397	400	402	rBV	2530472	2735952	75.32%	5.910%
7	6.273	407	410	412	rBV	2942482	3053621	84.07%	6.597%
8	6.502	428	430	433	rBV	871009	831882	22.90%	1.797%
9	6.593	436	438	440	rVB	54509	46400	1.28%	0.100%
10	6.662	442	444	446	rBV	2401042	2225654	61.27%	4.808%
11	7.073	477	480	483	rBV	1432172	1511292	41.61%	3.265%
12	7.793	540	543	545	rBV	1047377	1024323	28.20%	2.213%
13	8.879	635	638	640	rBV	2583938	3206540	88.28%	6.927%
14	9.279	670	673	675	rVV	700815	875965	24.12%	1.892%
15	9.313	675	676	680	rVV	36185	40785	1.12%	0.088%
16	9.393	681	683	686	rVB	55495	52042	1.43%	0.112%
17	9.531	693	695	697	rVV	1022216	1103420	30.38%	2.384%
18	9.565	697	698	703	rVB	63397	66576	1.83%	0.144%
19	9.736	711	713	715	rBV	44950	59906	1.65%	0.129%
20	9.942	729	731	734	rBV2	41220	66168	1.82%	0.143%
21	9.999	734	736	737	rVB	68292	65918	1.81%	0.142%
22	10.079	741	743	744	rBV2	51176	62158	1.71%	0.134%
23	10.216	751	755	761	rBV3	39754	97570	2.69%	0.211%
24	10.319	761	764	766	rBV	1759580	1841121	50.69%	3.977%
25	10.479	773	778	780	rBV	117642	200831	5.53%	0.434%
26	10.628	786	791	792	rBV4	19405	45576	1.25%	0.098%
27	10.754	800	802	803	rBV	43492	48065	1.32%	0.104%
28	10.868	810	812	813	rBV	29421	40349	1.11%	0.087%
29	10.914	813	816	817	rVB2	69536	89346	2.46%	0.193%
30	10.936	817	818	821	rVB	36154	40184	1.11%	0.087%
31	11.005	821	824	828	rBV2	1068355	1750349	48.19%	3.781%
32	11.074	828	830	833	rVB	110002	117118	3.22%	0.253%
33	11.256	843	846	849	rBV4	38603	97276	2.68%	0.210%
34	11.336	851	853	855	rVB	86141	84848	2.34%	0.183%

LSC Area Percent Report

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Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

35	11.496	864	867	868	rBV	92817	116519	3.21%	0.252%
36	11.531	868	870	871	rVV	162296	170646	4.70%	0.369%
37	11.565	871	873	875	rVV2	268806	346809	9.55%	0.749%
38	11.611	875	877	882	rVV2	187986	354118	9.75%	0.765%
39	11.736	886	888	890	rVV	92989	90494	2.49%	0.195%
40	11.816	891	895	897	rVB2	87730	163733	4.51%	0.354%
41	11.999	908	911	913	rVV2	34649	51867	1.43%	0.112%
42	12.045	913	915	917	rVV	112474	143985	3.96%	0.311%
43	12.102	917	920	921	rVV2	81140	137014	3.77%	0.296%
44	12.125	921	922	926	rVB2	119734	134978	3.72%	0.292%
45	12.205	926	929	931	rBV	860304	1164450	32.06%	2.516%
46	12.297	935	937	938	rVB	39286	42416	1.17%	0.092%
47	12.342	938	941	945	rBV	138635	202414	5.57%	0.437%
48	12.422	945	948	950	rVV	1117247	1143750	31.49%	2.471%
49	12.491	950	954	957	rVB2	79767	160814	4.43%	0.347%
50	12.548	957	959	960	rBV	68789	64894	1.79%	0.140%
51	12.582	960	962	965	rBV	2144587	2850120	78.47%	6.157%
52	12.651	965	968	969	rVV3	66232	114006	3.14%	0.246%
53	12.754	973	977	979	rVB2	149183	247169	6.80%	0.534%
54	12.822	979	983	984	rBV	111078	121073	3.33%	0.262%
55	12.857	984	986	987	rBV2	120878	143843	3.96%	0.311%
56	12.948	992	994	995	rVV2	56120	82645	2.28%	0.179%
57	12.971	995	996	1001	rVV3	55356	127788	3.52%	0.276%
58	13.062	1001	1004	1008	rVB4	37229	85563	2.36%	0.185%
59	13.154	1008	1012	1013	rBV3	54674	114023	3.14%	0.246%
60	13.188	1013	1015	1017	rVV2	45366	68877	1.90%	0.149%
61	13.257	1018	1021	1023	rVB2	50125	85167	2.34%	0.184%
62	13.359	1028	1030	1031	rVV2	63325	87960	2.42%	0.190%
63	13.394	1031	1033	1038	rVV3	92217	266381	7.33%	0.575%
64	13.462	1038	1039	1041	rVV	67757	76157	2.10%	0.165%
65	13.497	1041	1042	1046	rVV2	271223	360121	9.91%	0.778%
66	13.611	1049	1052	1058	rVV2	1080225	1976802	54.42%	4.270%
67	13.714	1059	1061	1062	rVV2	93980	111415	3.07%	0.241%
68	13.760	1062	1065	1066	rVV3	42533	94278	2.60%	0.204%
69	13.828	1068	1071	1078	rVB3	63982	196305	5.40%	0.424%
70	14.000	1084	1086	1087	rBV	77521	76782	2.11%	0.166%
71	14.034	1087	1089	1091	rVB	42231	45480	1.25%	0.098%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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	14.125	1095	1097	1102	rVB3	170677	292114	8.04%	0.631%
73	14.297	1110	1112	1117	rBV4	35288	93461	2.57%	0.202%
74	14.388	1118	1120	1124	rVV3	91650	200147	5.51%	0.432%
75	14.480	1126	1128	1130	rVV	133117	157846	4.35%	0.341%
76	14.548	1131	1134	1136	rVV2	72873	118088	3.25%	0.255%
77	14.594	1136	1138	1142	rVV	421598	735194	20.24%	1.588%
78	14.674	1143	1145	1147	rVV2	64884	136640	3.76%	0.295%
79	14.720	1147	1149	1151	rVV	178875	243661	6.71%	0.526%
80	14.765	1151	1153	1155	rVV2	41541	81187	2.24%	0.175%
81	14.834	1157	1159	1162	rVV	256144	286969	7.90%	0.620%
82	14.880	1162	1163	1166	rVV	287994	354708	9.77%	0.766%
83	14.937	1166	1168	1173	rVB2	693375	895934	24.67%	1.935%
84	15.165	1186	1188	1192	rBV2	74876	105594	2.91%	0.228%
85	15.360	1202	1205	1206	rBV	50358	75943	2.09%	0.164%
86	15.394	1206	1208	1211	rVV3	51971	83202	2.29%	0.180%
87	15.645	1228	1230	1234	rVB4	21714	47949	1.32%	0.104%
88	15.748	1237	1239	1241	rBV2	24163	38973	1.07%	0.084%
89	15.840	1245	1247	1253	rVB5	46473	116646	3.21%	0.252%
90	15.965	1253	1258	1263	rBV4	65671	201437	5.55%	0.435%
91	16.091	1266	1269	1274	rVB2	161050	288996	7.96%	0.624%
92	16.228	1277	1281	1283	rBV2	38132	91300	2.51%	0.197%
93	16.274	1283	1285	1290	rVB3	41129	90521	2.49%	0.196%
94	16.434	1296	1299	1306	rVB	141154	291981	8.04%	0.631%
95	16.560	1306	1310	1312	rVV4	47352	104745	2.88%	0.226%
96	16.617	1312	1315	1323	rVB2	44048	134133	3.69%	0.290%
97	17.348	1376	1379	1385	rVB6	23367	50947	1.40%	0.110%
98	18.149	1445	1449	1458	rVB2	49036	193060	5.32%	0.417%
99	18.309	1458	1463	1467	rBV2	23190	93506	2.57%	0.202%
100	19.029	1521	1526	1527	rBV2	17558	49246	1.36%	0.106%

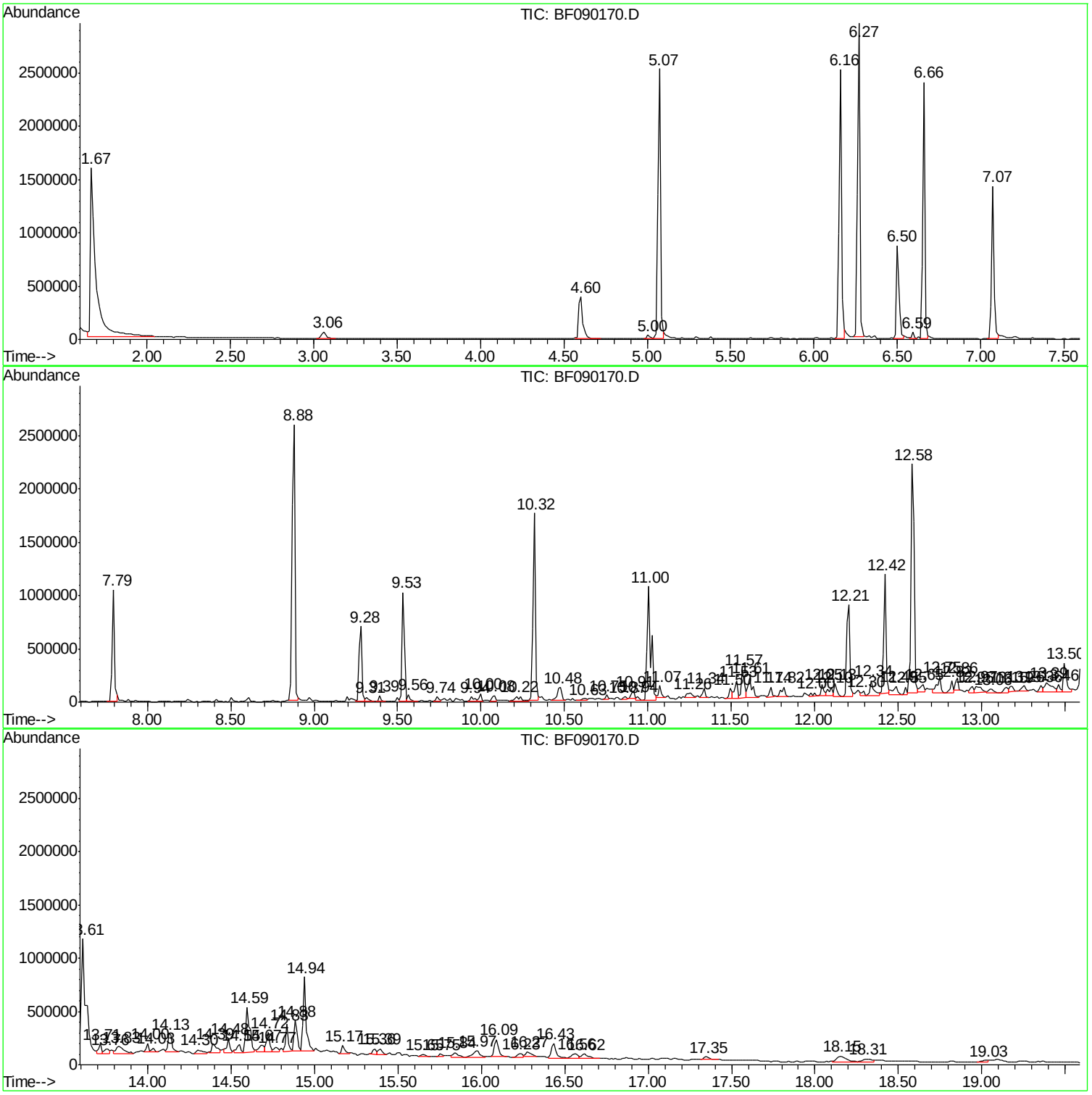
Sum of corrected areas: 46290573

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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\BF092116\
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Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

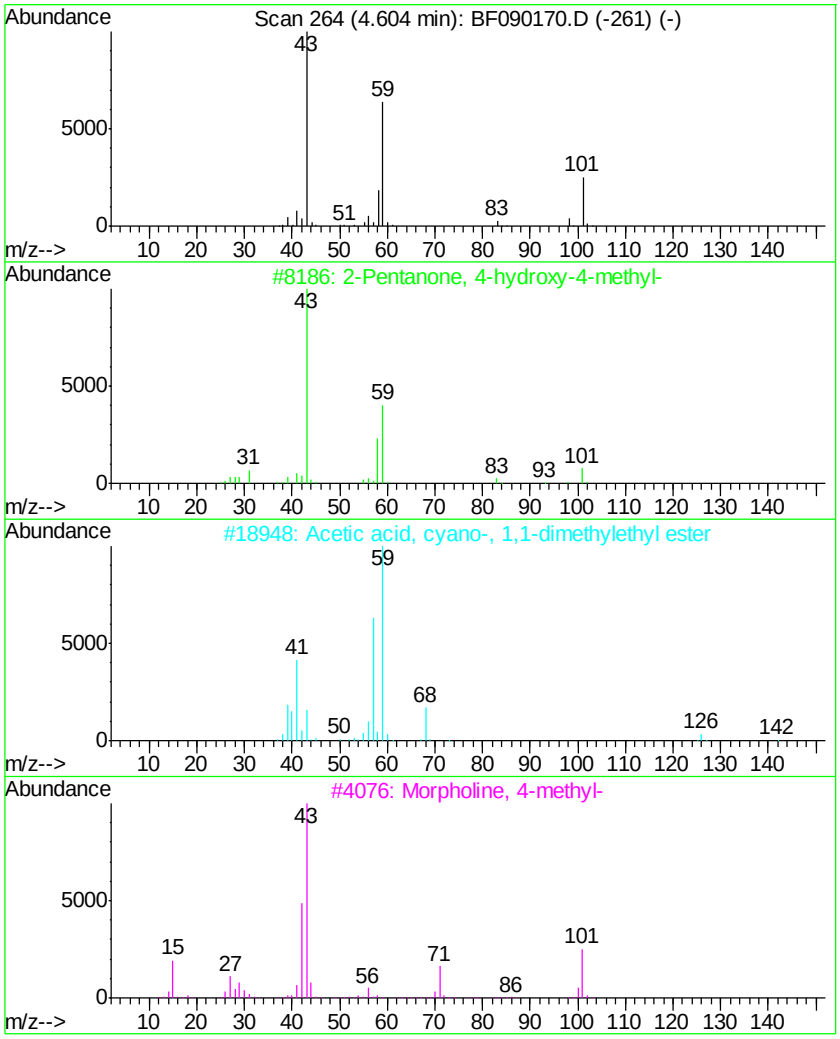
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

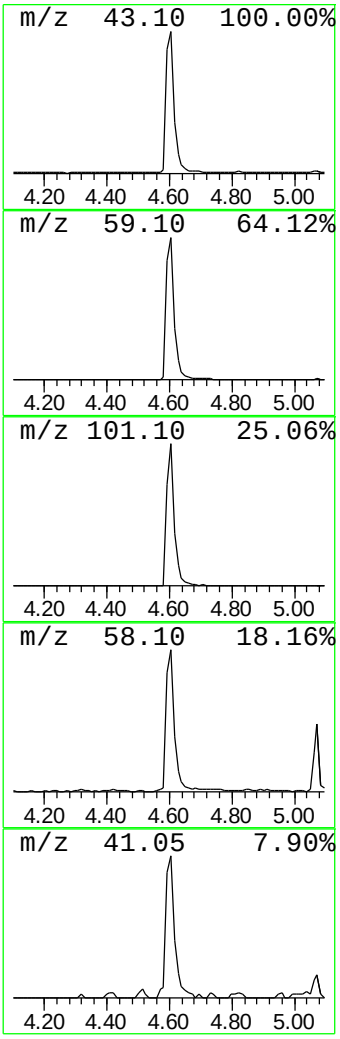
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	15.97 ng	664418	1,4-Dichlorobenzene-d4	6.50

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	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

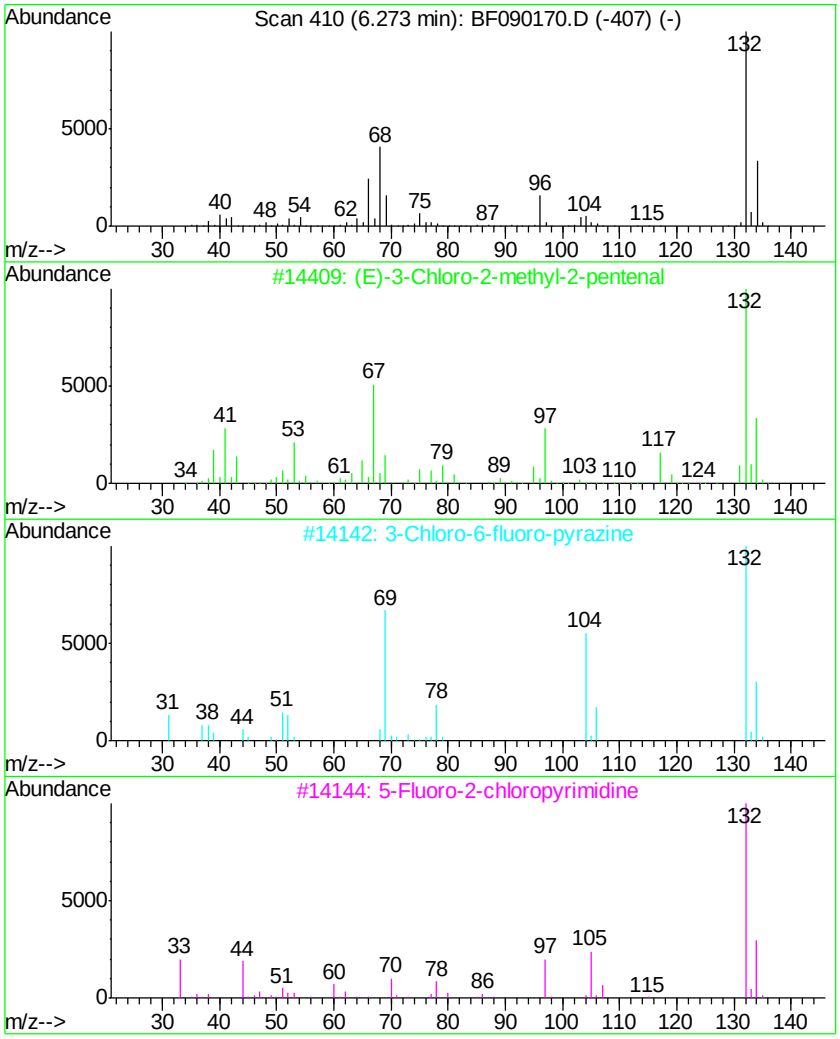
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

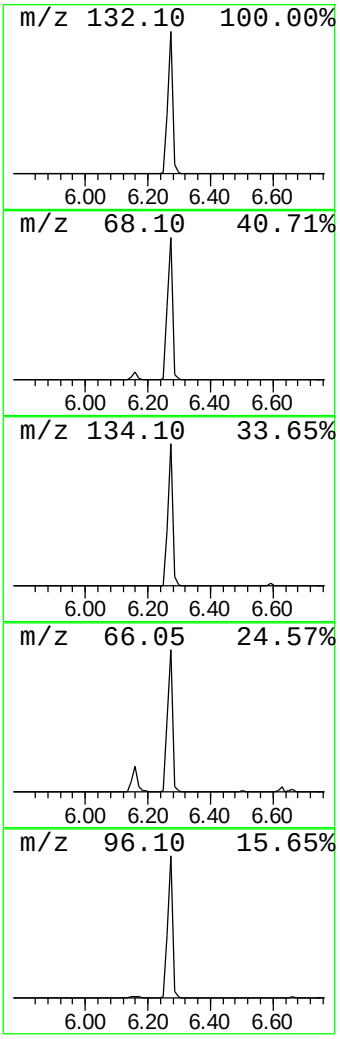
****

Peak Number 4 unknown6.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	73.41 ng	3053620	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

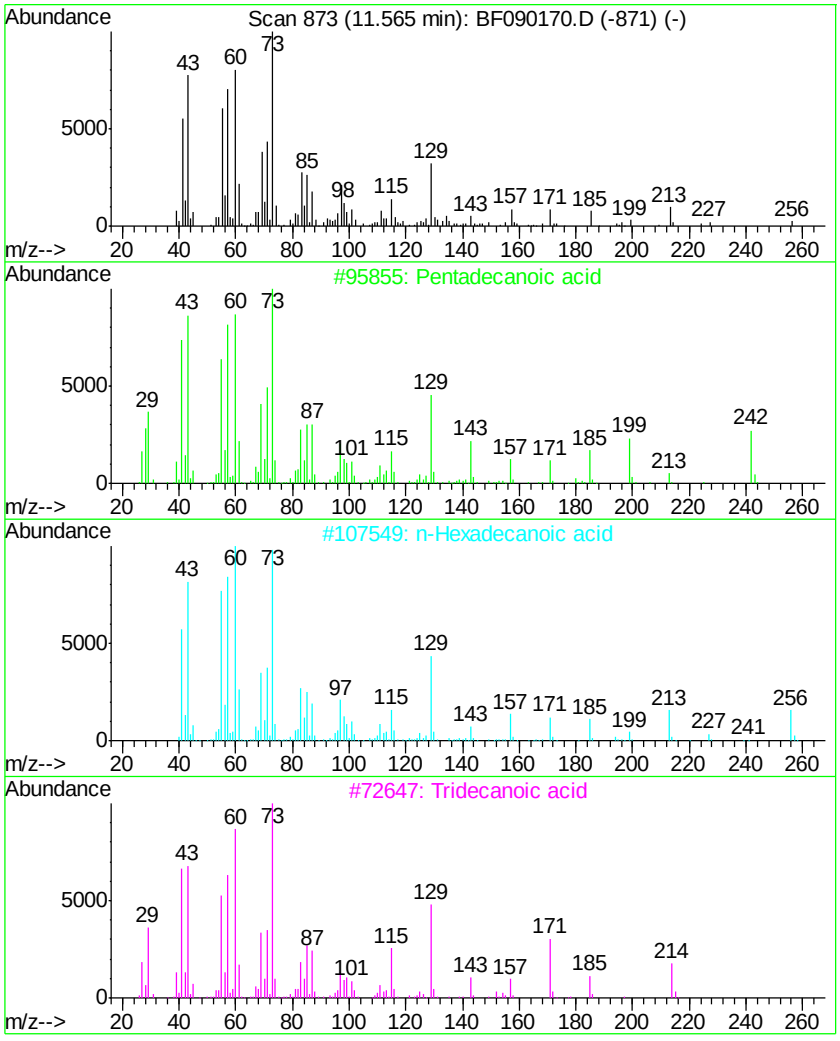
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

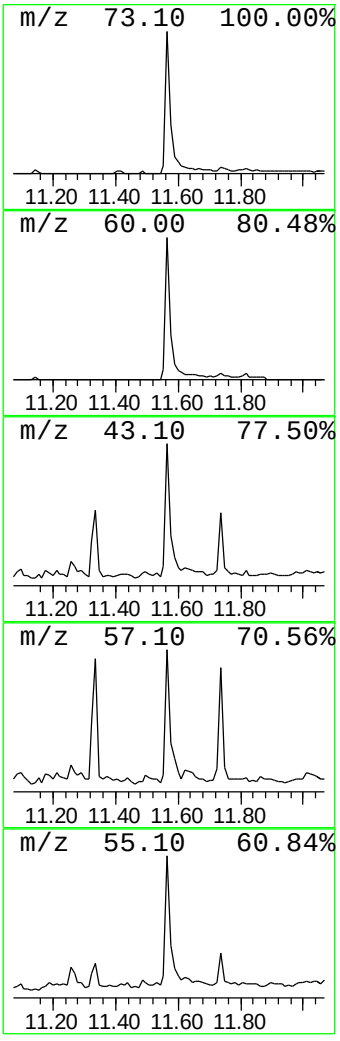
****

Peak Number 6 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.96 ng	346809	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	25
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

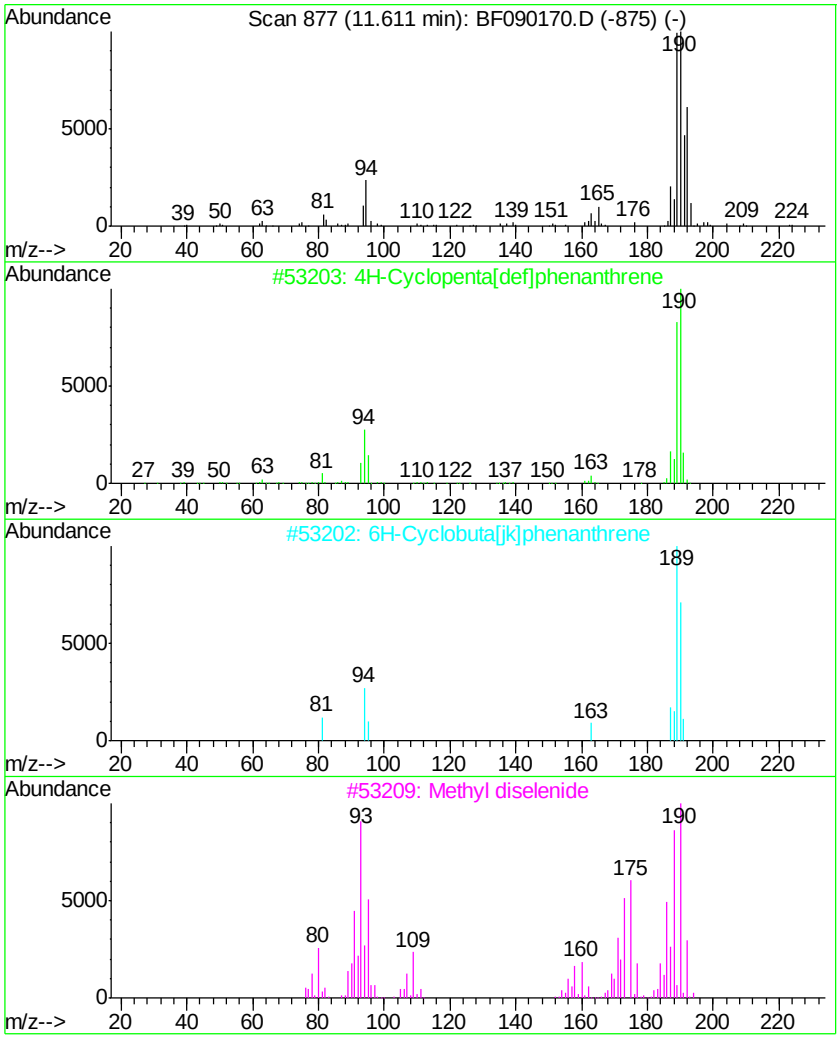
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

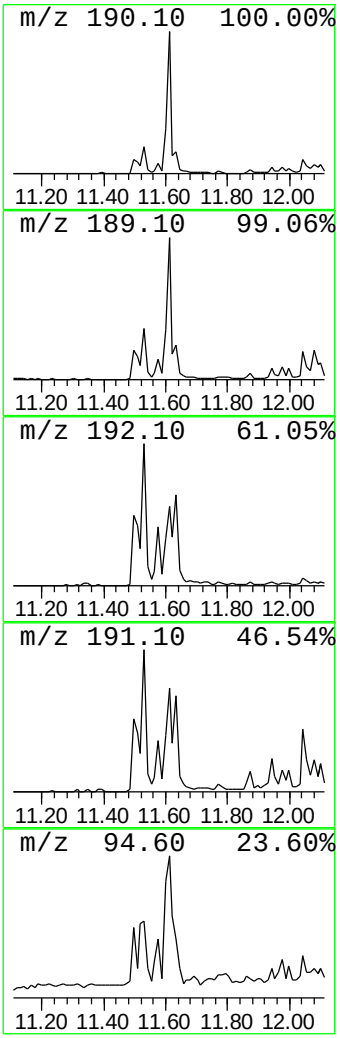
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.05 ng	354118	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

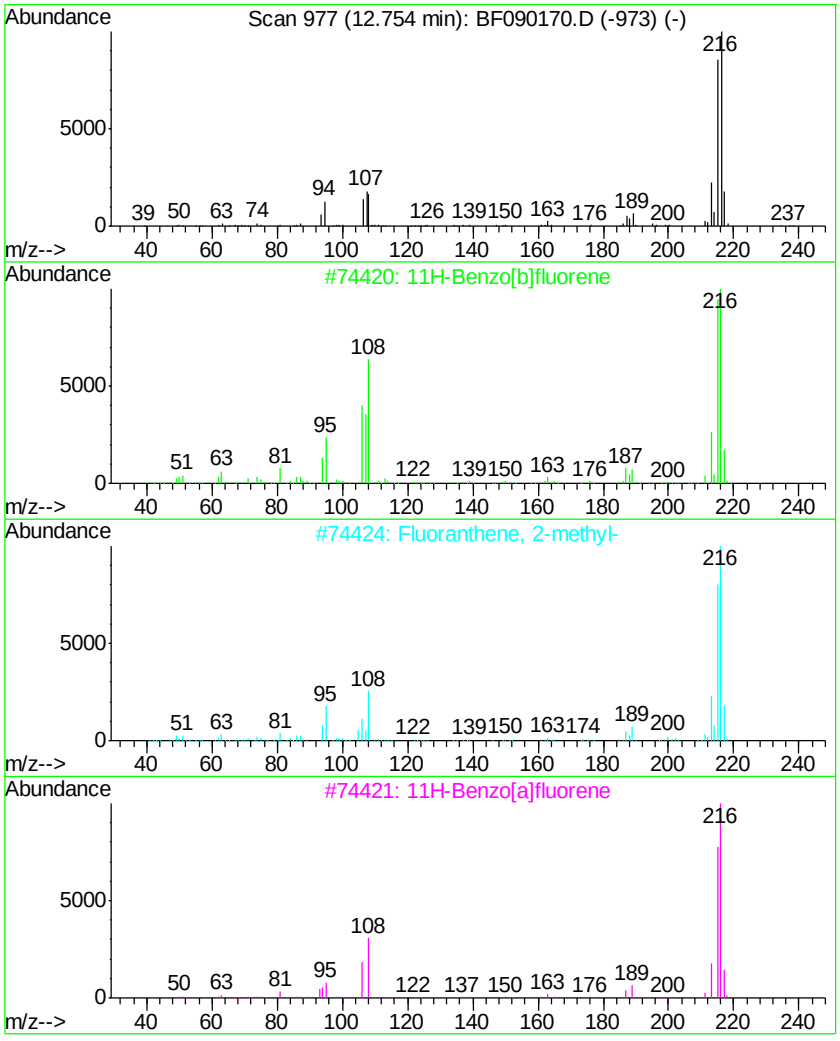
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

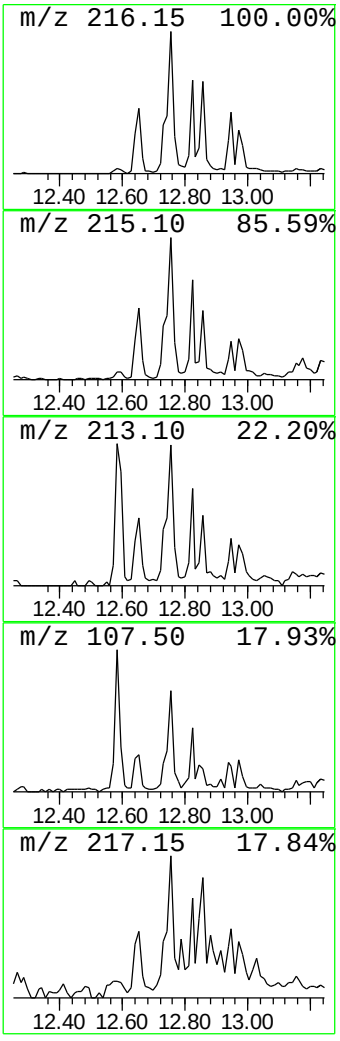
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.50 ng	247169	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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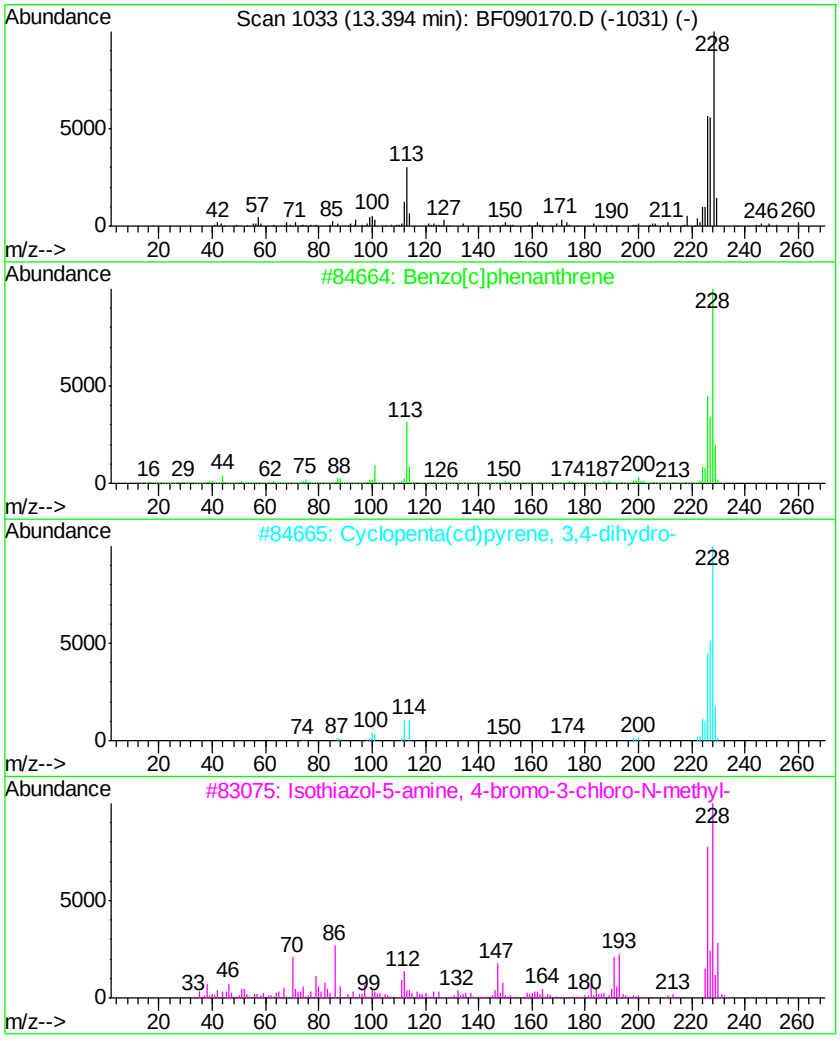
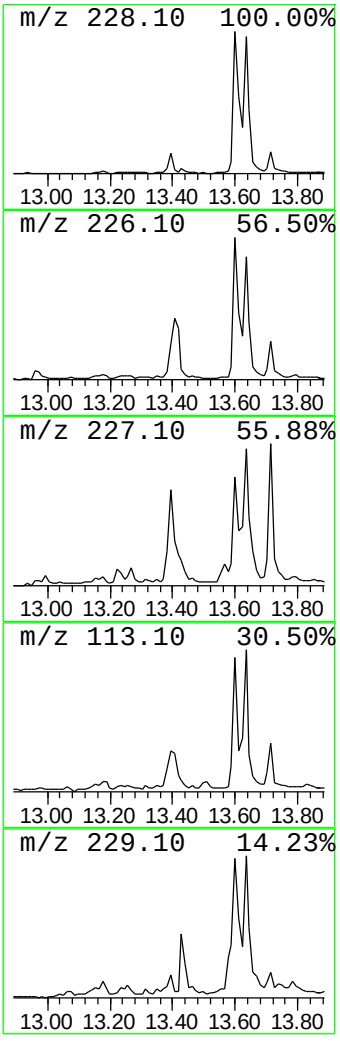
Peak Number 9 Benzo[c]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.70 ng	266381	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	47
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	40
4	Triphenylene	228	C18H12	000217-59-4	38
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	37





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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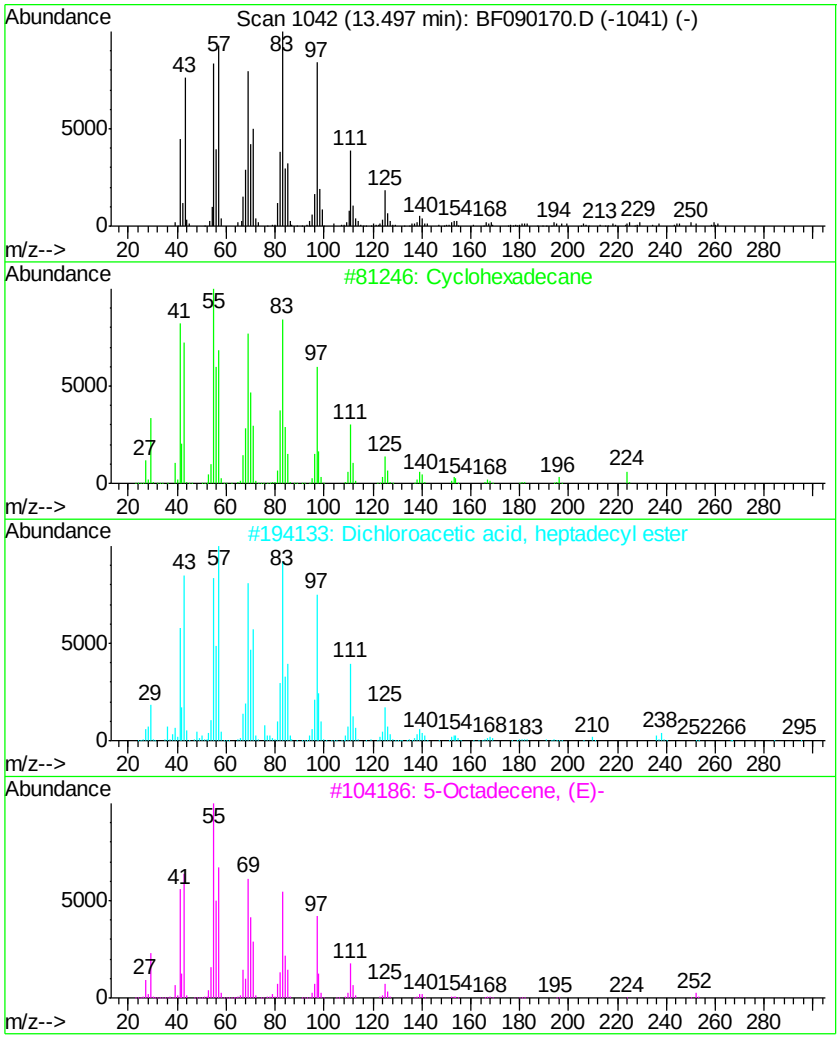
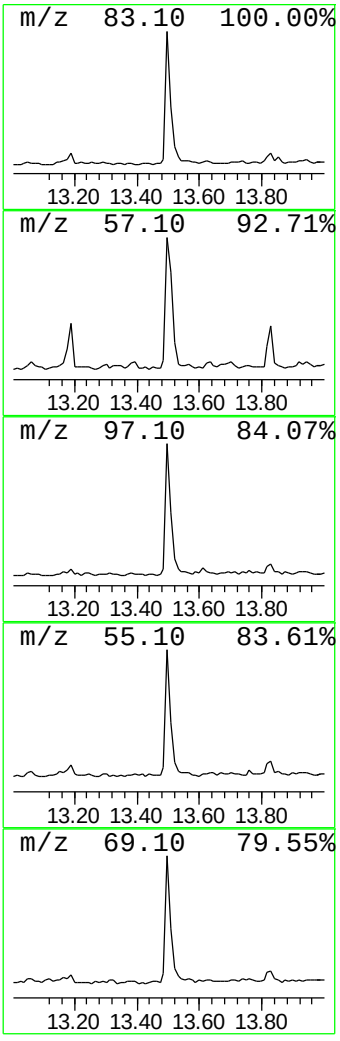
Peak Number 10 Cyclohexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.64 ng	360121	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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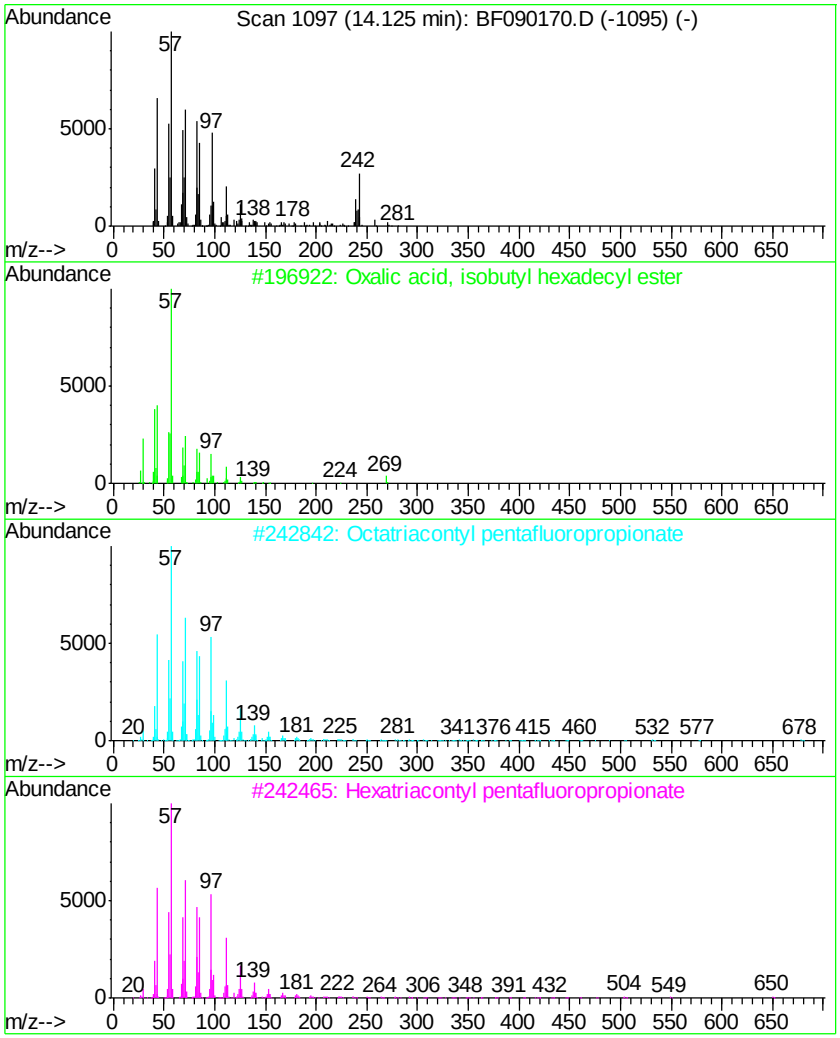
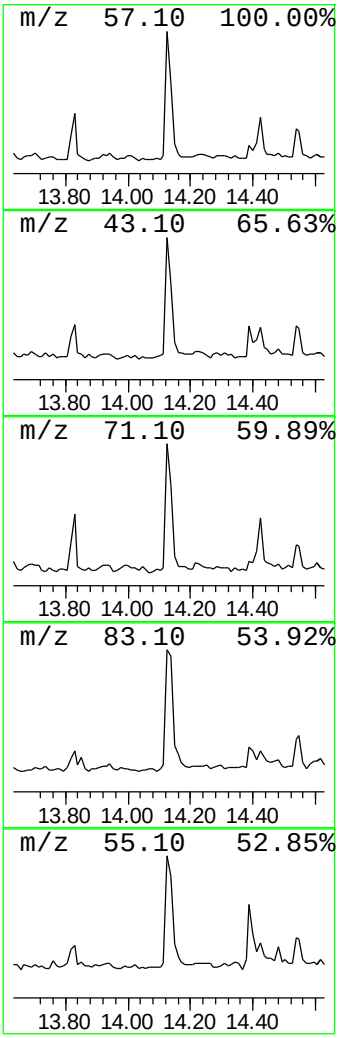
Peak Number 11 Oxalic acid, isobutyl hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.96 ng	292114	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	76
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	68
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	68
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	64





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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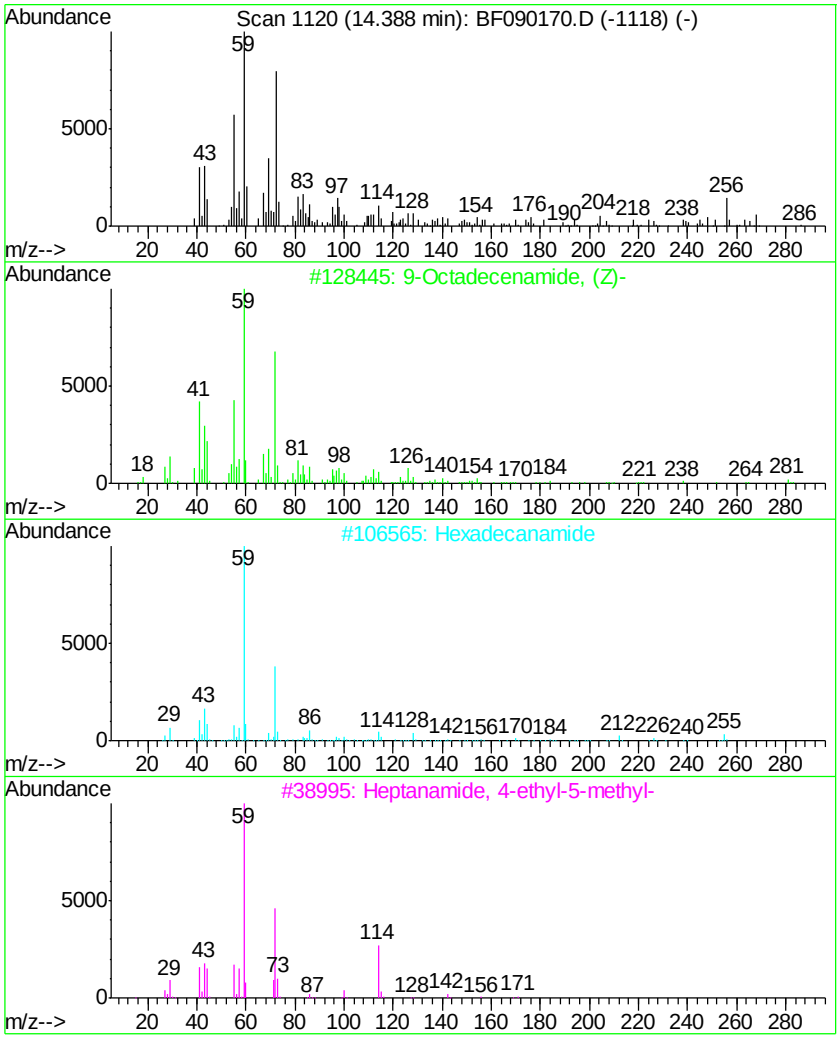
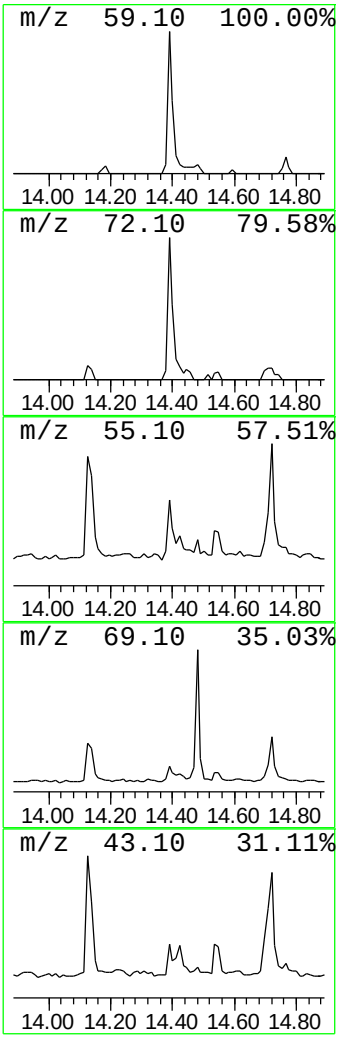
Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.47 ng	200147	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2	Hexadecanamide	255	C16H33NO	000629-54-9	47
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	43
4	Octadecanamide	283	C18H37NO	000124-26-5	38
5	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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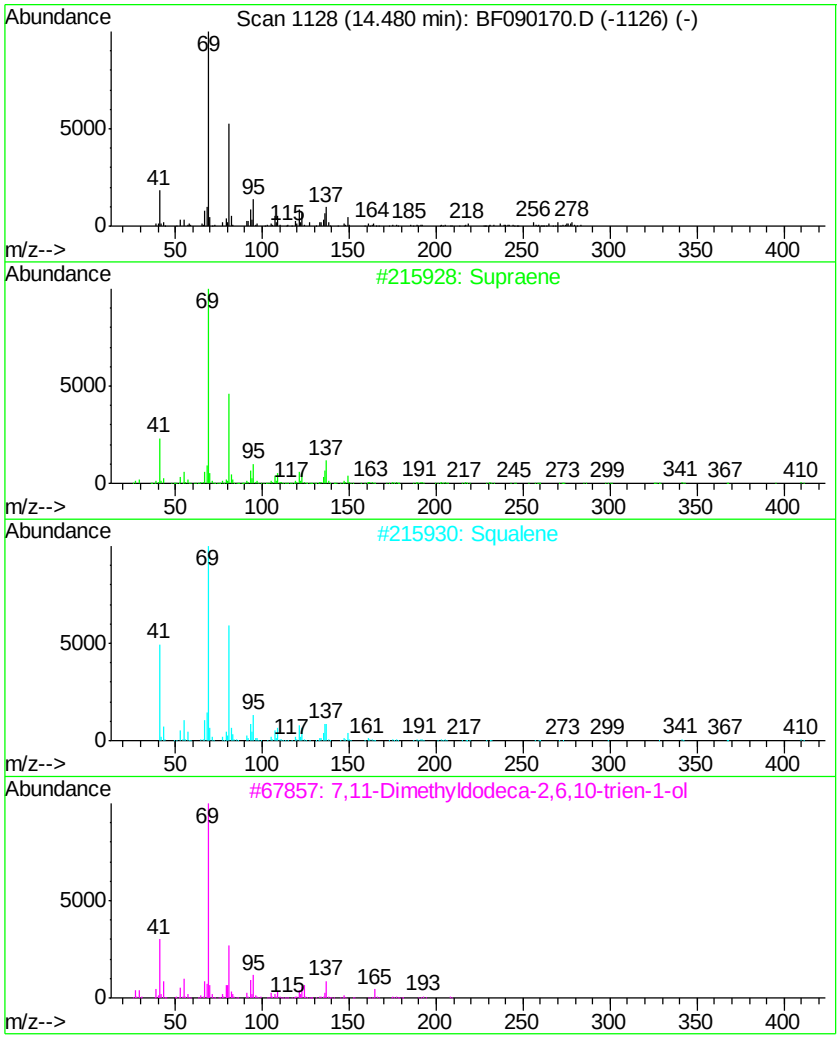
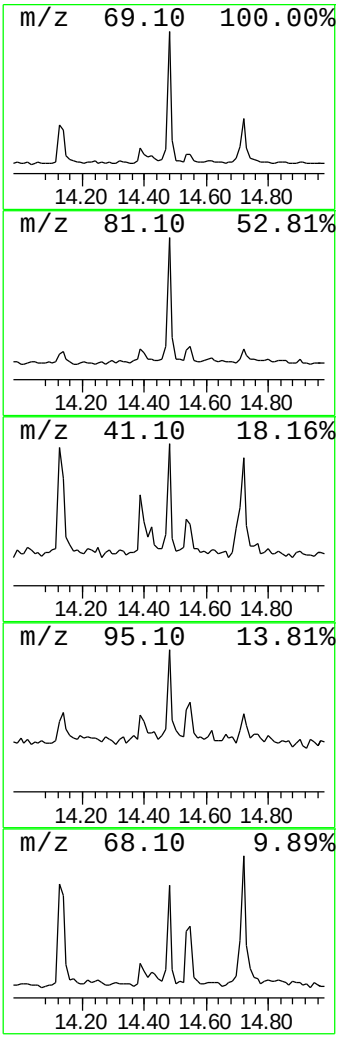
Peak Number 13 Supraene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.52 ng	157846	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	87
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	64





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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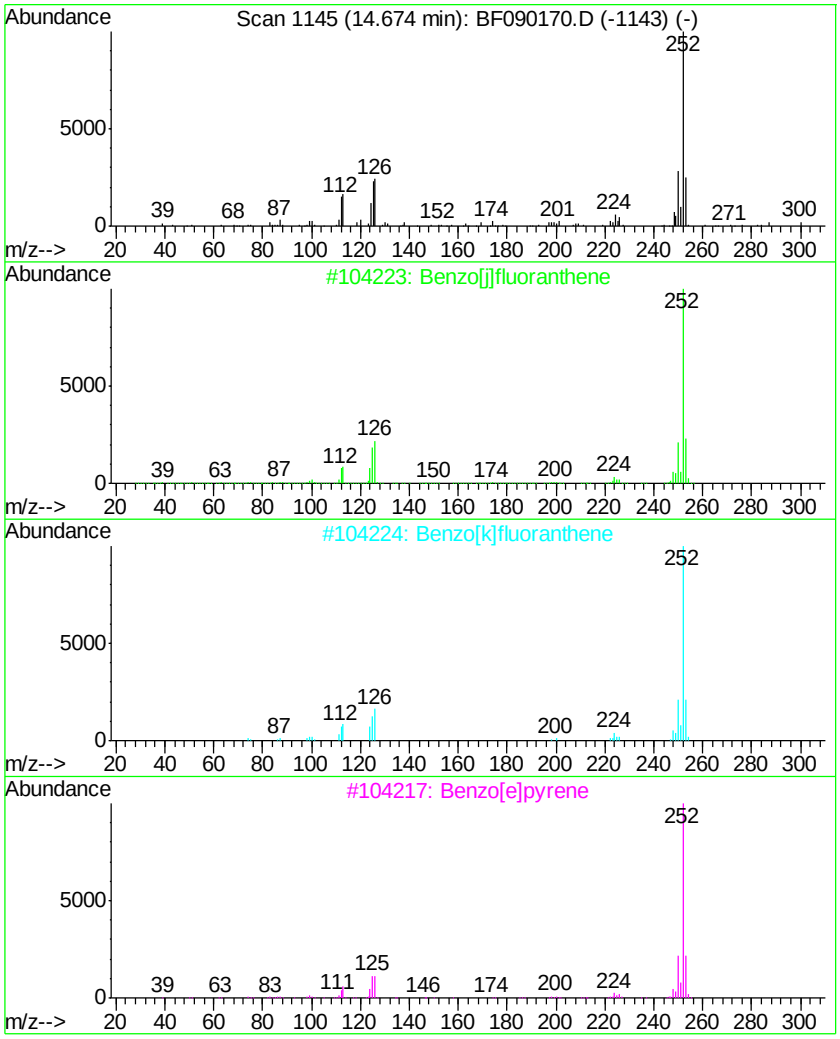
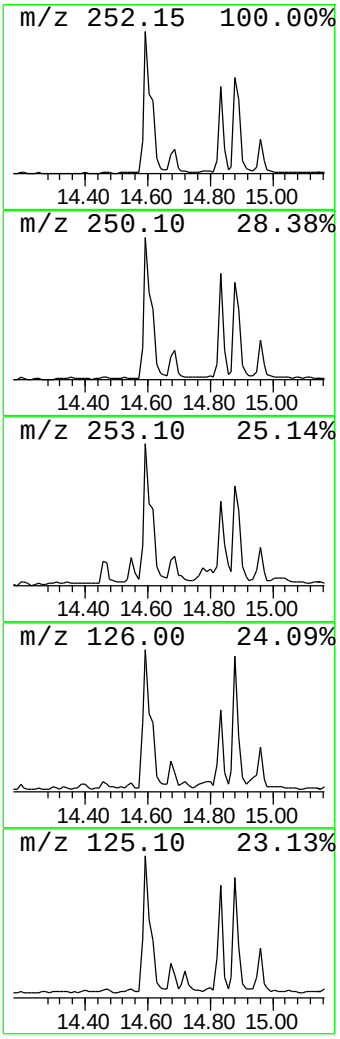
Peak Number 14 Benzo[j]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.05 ng	136640	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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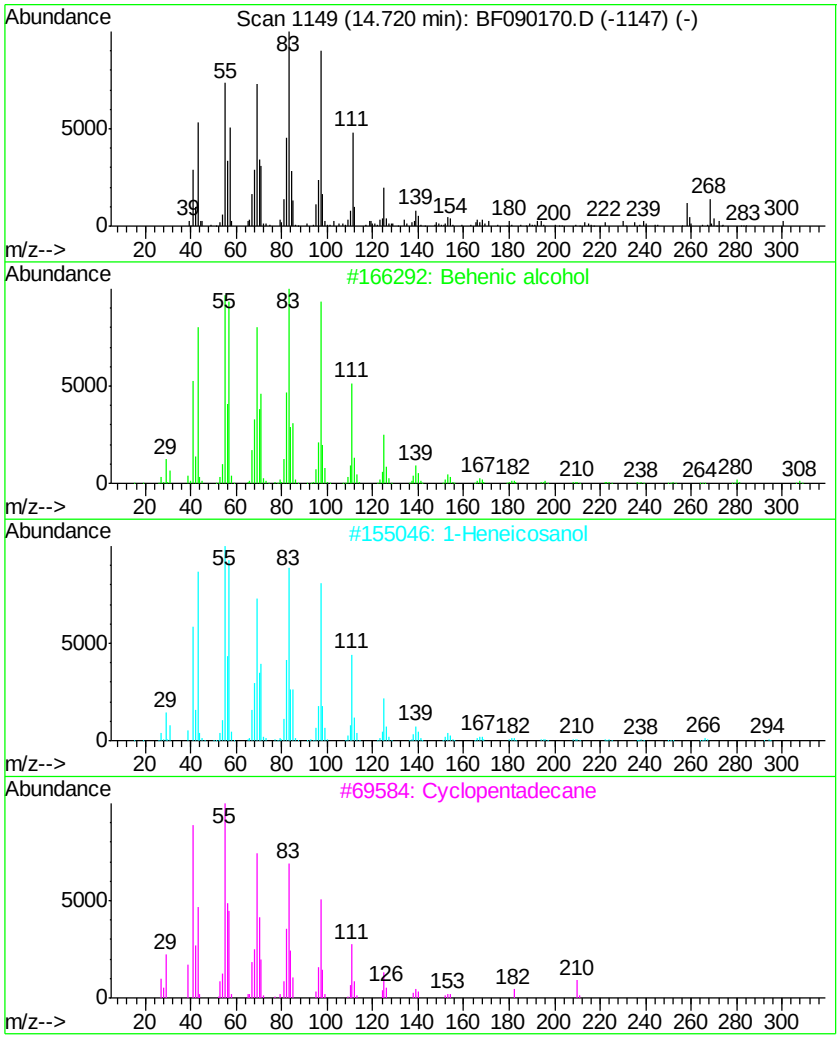
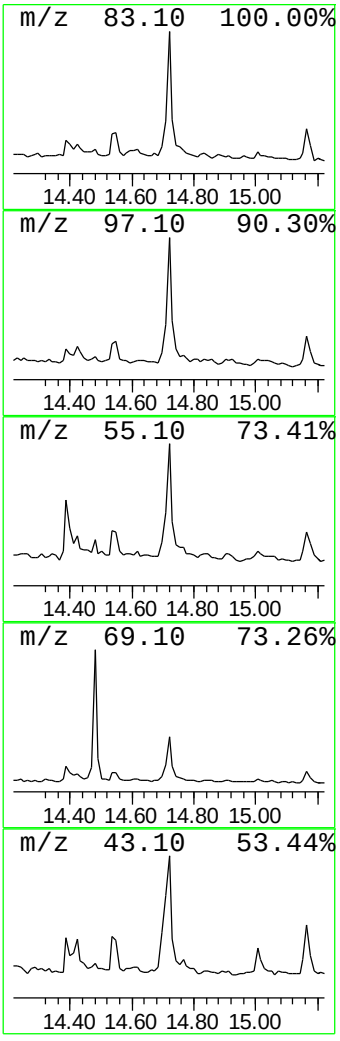
Peak Number 15 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.44 ng	243661	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Cyclopentadecane	210	C15H30	000295-48-7	80
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
5	1-Docosene	308	C22H44	001599-67-3	58





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Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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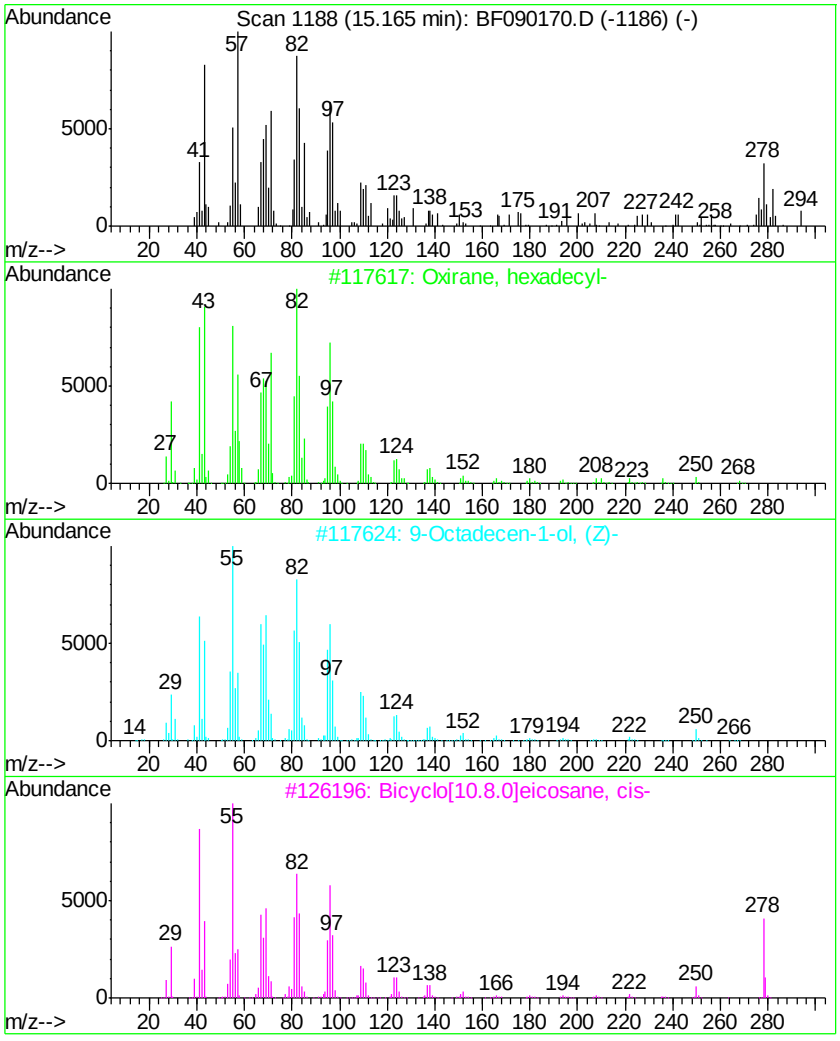
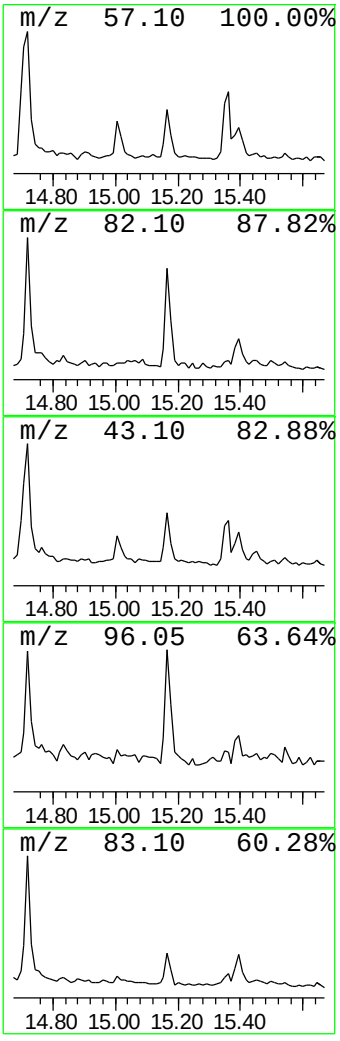
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.36 ng	105594	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
2	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	78
3	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	78
4	Octadecanal	268	C18H36O	000638-66-4	76
5	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	70





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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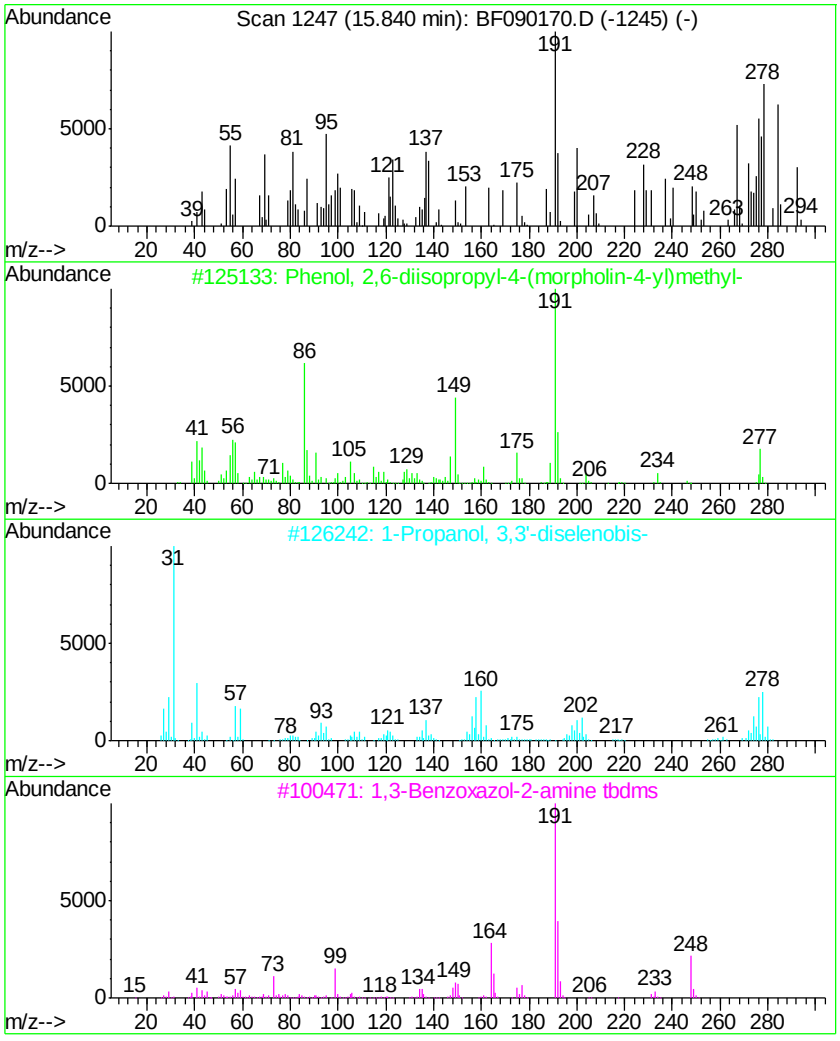
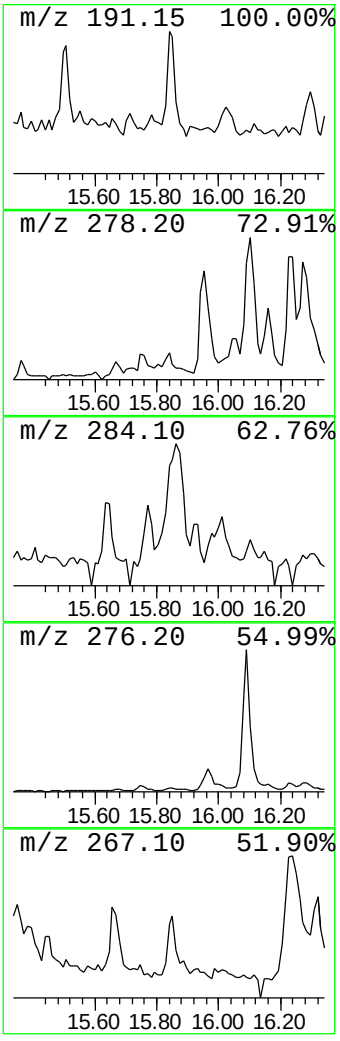
Peak Number 17 unknown15.84 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.60 ng	116646	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-diisopropyl-4-(morph...	277	C17H27NO2	1000304-55-0	22
2	1-Propanol, 3,3'-diselenobis-	278	C6H14O2Se2	023243-47-2	14
3	1,3-Benzoxazol-2-amine tbdms	248	C13H20N2OSi	1000332-44-4	11
4	Benzaldehyde, 4-hydroxy-3-iodo-5...	278	C8H7IO3	005438-36-8	11
5	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	11





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Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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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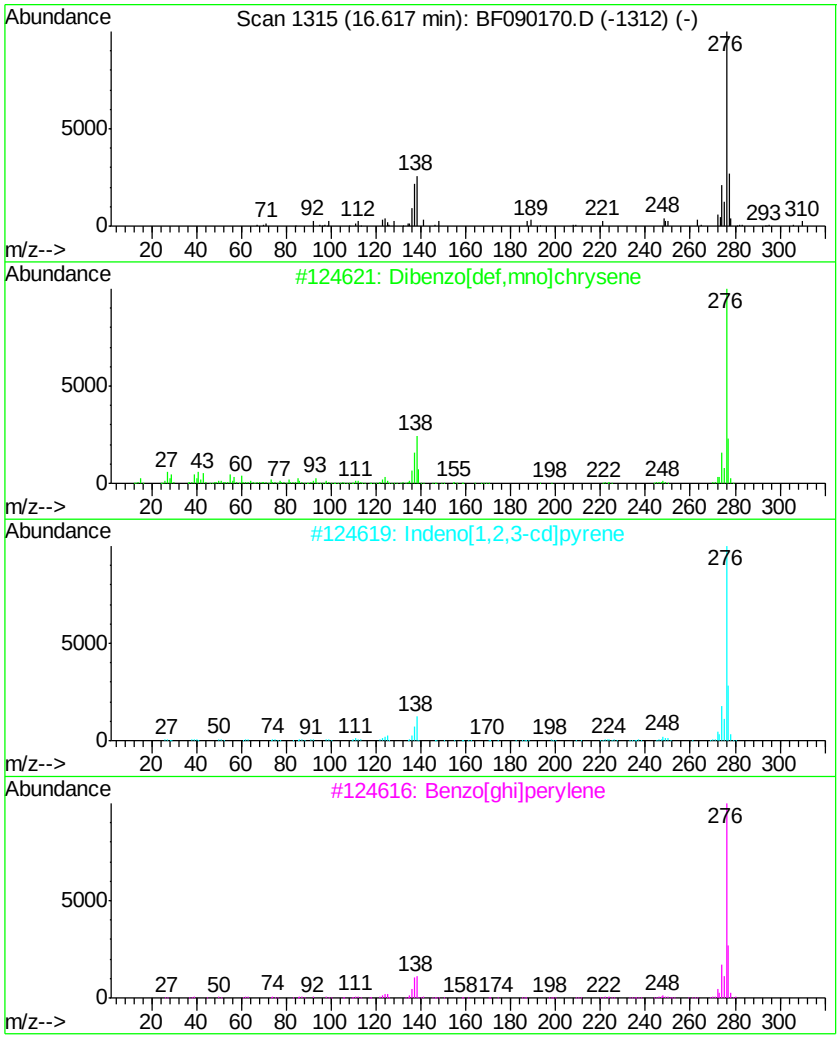
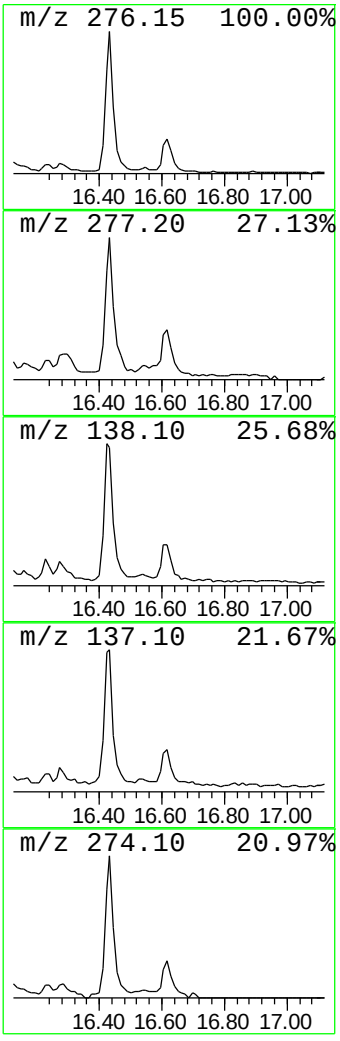
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.99 ng	134133	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	87
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Integration Parameters: LSCINT.P

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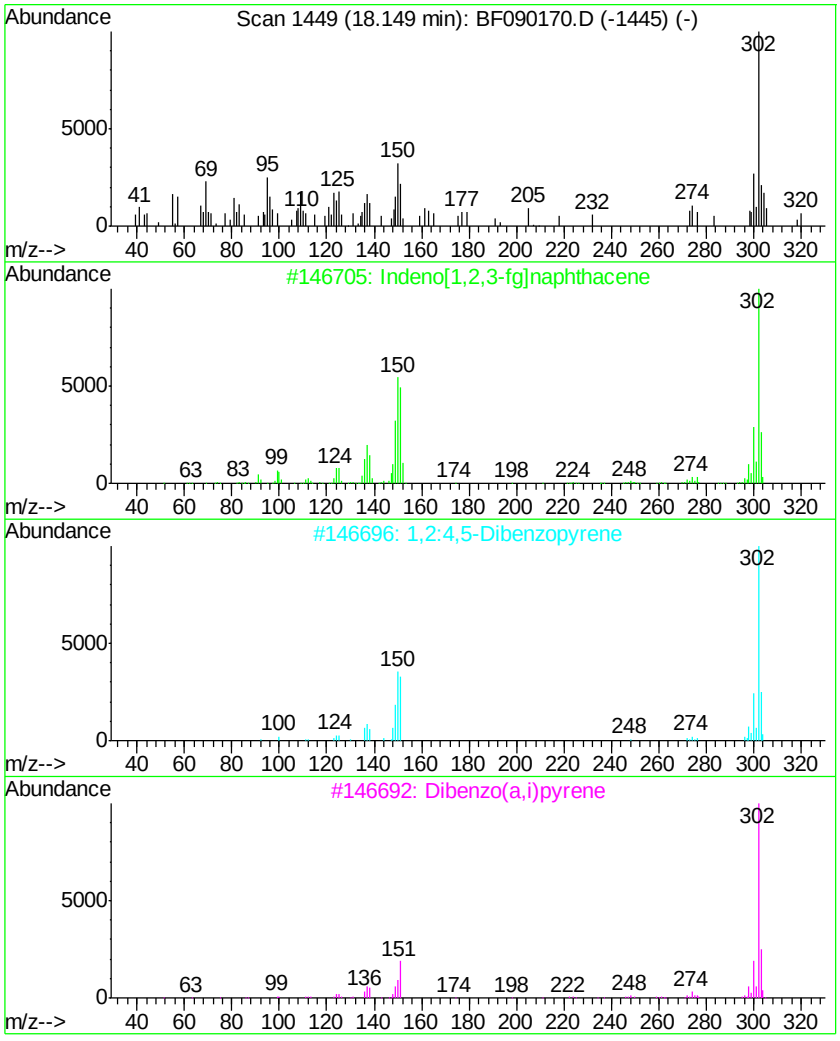
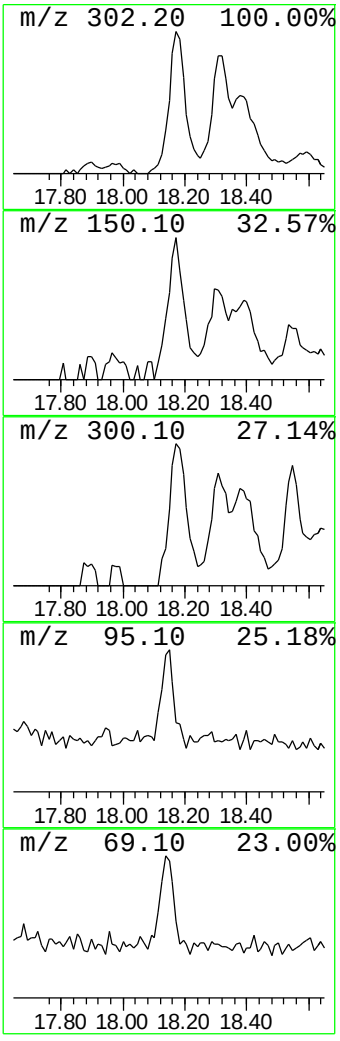
Peak Number 20 Indeno[1,2,3-fg]naphthacene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.31 ng	193060	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	86
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	47
4	1H-Imidazo[4,5-b]phenazine, 2-(2...	302	C17H10N4S	1000319-15-8	47
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.60	16.0	ng	664418	1	6.50	831882	20.0
unknown6.27	6.27	73.4	ng	3053620	1	6.50	831882	20.0
Pentadecanoic acid	11.57	4.0	ng	346809	4	11.01	1750350	20.0
4H-Cyclopenta[def...	11.61	4.0	ng	354118	4	11.01	1750350	20.0
11H-Benzo[b]fluorene	12.75	2.5	ng	247169	5	13.61	1976800	20.0
Benzo[c]phenanthrene	13.39	2.7	ng	266381	5	13.61	1976800	20.0
Cyclohexadecane	13.50	3.6	ng	360121	5	13.61	1976800	20.0
Oxalic acid, isob...	14.13	3.0	ng	292114	5	13.61	1976800	20.0
9-Octadecenamide,...	14.39	4.5	ng	200147	6	14.94	895934	20.0
Supraene	14.48	3.5	ng	157846	6	14.94	895934	20.0
Benzo[j]fluoranthene	14.67	3.0	ng	136640	6	14.94	895934	20.0
Behenic alcohol	14.72	5.4	ng	243661	6	14.94	895934	20.0
Oxirane, hexadecyl-	15.17	2.4	ng	105594	6	14.94	895934	20.0
unknown15.84	15.84	2.6	ng	116646	6	14.94	895934	20.0
Dibenzo[def,mno]c...	16.62	3.0	ng	134133	6	14.94	895934	20.0
Indeno[1,2,3-fg]n...	18.15	4.3	ng	193060	6	14.94	895934	20.0