LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090096.D
Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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-BF091516.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	1.701	8	10	28	rVB	159500	385588	9.00%	0.571%
2	4.661	266	269	278	rBV	515941	873280	20.38%	1.292%
3	5.119	306	309	312	rBV	2586596	3810926	88.95%	5.640%
4	6.204	401	404	406	rBV	3045506	3638343	84.92%	5.384%
5	6.319	411	414	416	rBV	3567662	3893545	90.88%	5.762%
6	6.547	432	434	440	rBV	992703	906056	21.15%	1.341%
7	6.707	445	448	450	rBV	3041128	3204339	74.79%	4.742%
8	7.119	481	484	486	rBV	2296009	2391222	55.81%	3.539%
9	7.244	492	495	503	rVB	38675	72488	1.69%	0.107%
10	7.839	544	547	549	rBV	1042604	1192224	27.83%	1.764%
11	8.913	638	641	644	rBV	3423837	4008103	93.55%	5.932%
12	9.313	674	676	679	rBV	1356453	1160336	27.08%	1.717%
13	9.576	697	699	701	rBV	1485780	1362519	31.80%	2.016%
14	10.010	733	737	738	rBV2	22373	43656	1.02%	0.065%
15	10.033	738	739	741	rVB	99490	81831	1.91%	0.121%
16	10.250	755	758	762	rBV	38575	74028	1.73%	0.110%
17	10.365	765	768	770	rBV	2243152	2490625	58.13%	3.686%
18	10.502	778	780	786	rVB	136557	172311	4.02%	0.255%
19	10.948	817	819	821	rBV	92403	81561	1.90%	0.121%
20	11.051	825	828	832	rBV2	1012731	1433650	33.46%	2.122%
21	11.119	833	834	837	rVB	51999	54677	1.28%	0.081%
22	11.302	847	850	855	rBV3	53167	88748	2.07%	0.131%
23	11.371	855	856	859	rVB	44644	45126	1.05%	0.067%
24	11.542	869	871	872	rBV	44280	49730	1.16%	0.074%
25	11.576	872	874	875	rVV	55700	62655	1.46%	0.093%
26	11.611	875	877	879	rVV2	59075	114291	2.67%	0.169%
27	11.656	879	881	887	rVB2	75974	166517	3.89%	0.246%
28	11.839	896	897	903	rBV3	32972	80096	1.87%	0.119%
29	12.091	916	919	920	rBV	63894	64034	1.49%	0.095%
30	12.171	923	926	930	rVB4	58745	97630	2.28%	0.144%
31	12.239	930	932	935	rBV	900825	1312621	30.64%	1.943%
32	12.308	935	938	942	rVB2	32674	66641	1.56%	0.099%
33	12.388	942	945	949	rBV	67386	104309	2.43%	0.154%
34	12.468	949	952	955	rBV	1818584	2058504	48.05%	3.046%

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Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.525	955	957	961	rVB2	60246	125025	2.92%	0.185%
36	12.594	961	963	964	rBV	104952	106821	2.49%	0.158%
37	12.628	964	966	969	rVV	2556333	3299385	77.01%	4.883%
38	12.685	969	971	973	rVV3	148447	264012	6.16%	0.391%
39	12.799	976	981	985	rBV	508859	715320	16.70%	1.059%
40	12.868	985	987	988	rVV	421991	399223	9.32%	0.591%
41	12.902	988	990	991	rVV	309324	352490	8.23%	0.522%
42	12.994	996	998	999	rVV2	141431	175752	4.10%	0.260%
43	13.016	999	1000	1006	rVB2	149553	225688	5.27%	0.334%
44	13.222	1012	1018	1021	rBV	180726	417250	9.74%	0.617%
45	13.302	1021	1025	1027	rVV3	106382	268118	6.26%	0.397%
46	13.405	1032	1034	1036	rBV	310437	445938	10.41%	0.660%
47	13.439	1036	1037	1045	rVB6	246176	789037	18.42%	1.168%
48	13.542	1045	1046	1048	rBV2	109724	138070	3.22%	0.204%
49	13.576	1048	1049	1051	rVB	84042	70136	1.64%	0.104%
50	13.656	1051	1056	1058	rBV2	1856916	3994565	93.24%	5.912%
51	13.691	1058	1059	1062	rVV	2145281	1758322	41.04%	2.602%
52	13.759	1063	1065	1067	rVV	394123	375607	8.77%	0.556%
53	13.817	1067	1070	1071	rVV3	36782	89433	2.09%	0.132%
54	13.862	1071	1074	1082	rVB3	275093	808489	18.87%	1.196%
55	13.977	1082	1084	1085	rBV2	68928	104467	2.44%	0.155%
56	14.011	1085	1087	1088	rBV	64859	65895	1.54%	0.098%
57	14.045	1088	1090	1091	rVV	389820	409478	9.56%	0.606%
58	14.079	1091	1093	1095	rVB2	212365	223271	5.21%	0.330%
59	14.137	1095	1098	1099	rBV2	262888	325351	7.59%	0.481%
60	14.182	1099	1102	1104	rVB4	228431	405370	9.46%	0.600%
61	14.297	1110	1112	1113	rBV	43898	66882	1.56%	0.099%
62	14.342	1114	1116	1117	rBV	149326	171873	4.01%	0.254%
63	14.422	1121	1123	1124	rVB	59621	71547	1.67%	0.106%
64	14.457	1124	1126	1128	rVB3	39786	59327	1.38%	0.088%
65	14.514	1128	1131	1134	rBV3	138368	352751	8.23%	0.522%
66	14.571	1134	1136	1137	rBV2	74083	72995	1.70%	0.108%
67	14.651	1140	1143	1147	rBV	2110493	4284267	100.00%	6.340%
68	14.708	1147	1148	1149	rBV	80737	74548	1.74%	0.110%
69	14.731	1149	1150	1152	rVB	377738	286305	6.68%	0.424%
70	14.822	1155	1158	1160	rBV2	119408	300818	7.02%	0.445%
71	14.891	1162	1164	1167	rBV	1263529	1597631	37.29%	2.364%

LSC Area Percent Report

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Integrator: RTE
Smoothing : ON Filtering: 5
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72	14.948	1167	1169	1171	rVB	1684619	1865784	43.55%	2.761%
73	14.994	1171	1173	1174	rBV	769940	902272	21.06%	1.335%
74	15.177	1183	1189	1192	rVB	195007	619015	14.45%	0.916%
75	15.257	1194	1196	1197	rVB	64749	62419	1.46%	0.092%
76	15.348	1202	1204	1206	rBV	69055	112492	2.63%	0.166%
77	15.451	1208	1213	1217	rVB3	106875	340742	7.95%	0.504%
78	15.828	1243	1246	1247	rBV	57534	102913	2.40%	0.152%
79	16.034	1260	1264	1271	rBV3	163881	522445	12.19%	0.773%
80	16.182	1271	1277	1280	rVV2	595408	1215824	28.38%	1.799%
81	16.240	1280	1282	1285	rVB	48302	78098	1.82%	0.116%
82	16.320	1286	1289	1291	rBV	136743	266923	6.23%	0.395%
83	16.365	1291	1293	1295	rVV	76856	113964	2.66%	0.169%
84	16.525	1303	1307	1314	rVV	483153	1013258	23.65%	1.500%
85	16.651	1316	1318	1321	rVV4	57650	134325	3.14%	0.199%
86	16.708	1321	1323	1330	rVB2	118023	299473	6.99%	0.443%
87	18.297	1457	1462	1469	rVB	75281	304090	7.10%	0.450%
88	18.446	1470	1475	1479	rBV	57903	211552	4.94%	0.313%
89	19.177	1535	1539	1540	rBV	32198	72882	1.70%	0.108%

Sum of corrected areas: 67572138

LSC Report - Integrated Chromatogram

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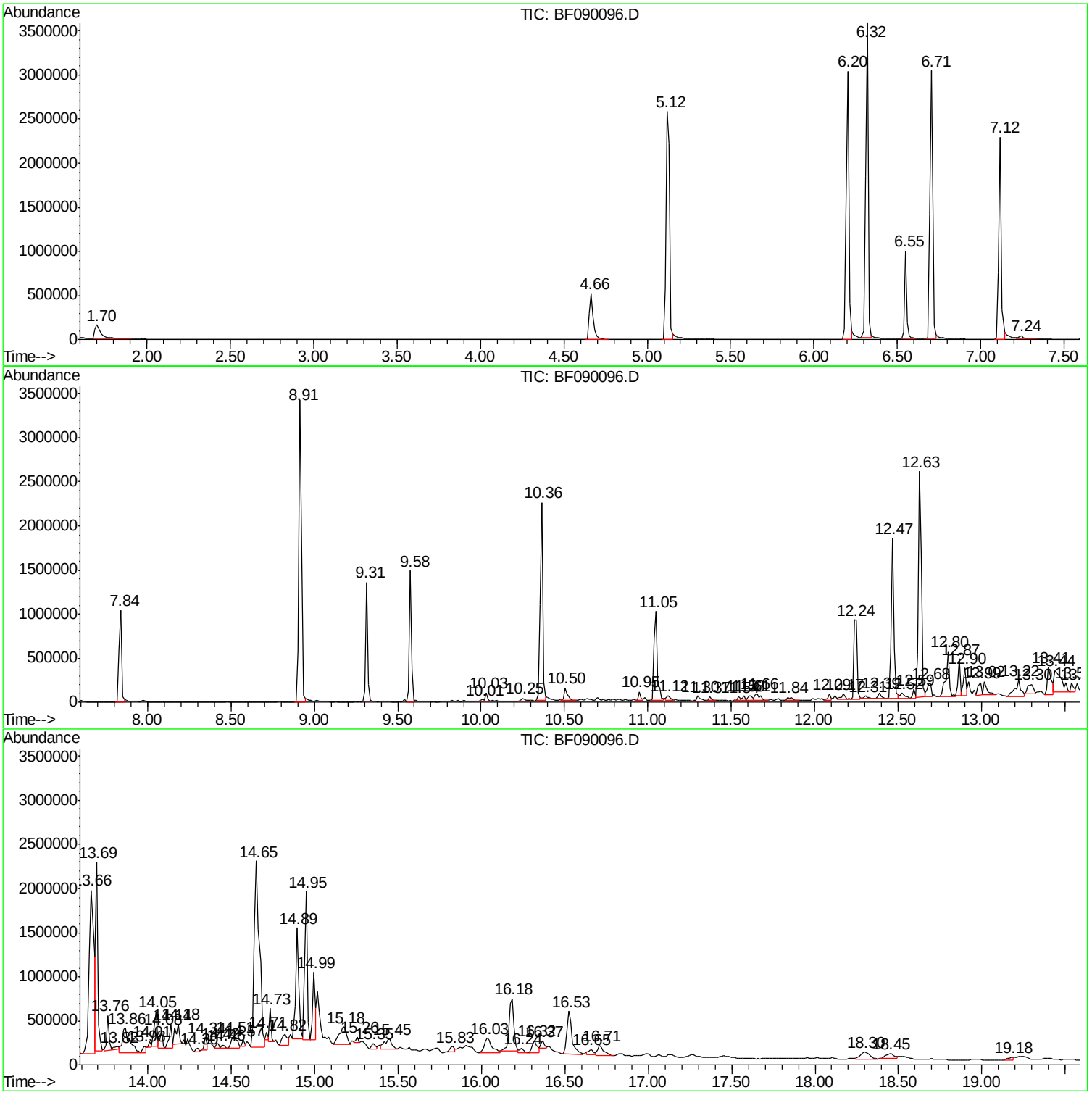
Data File : BF090096.D
Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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\BF091516\
Data File : BF090096.D
Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

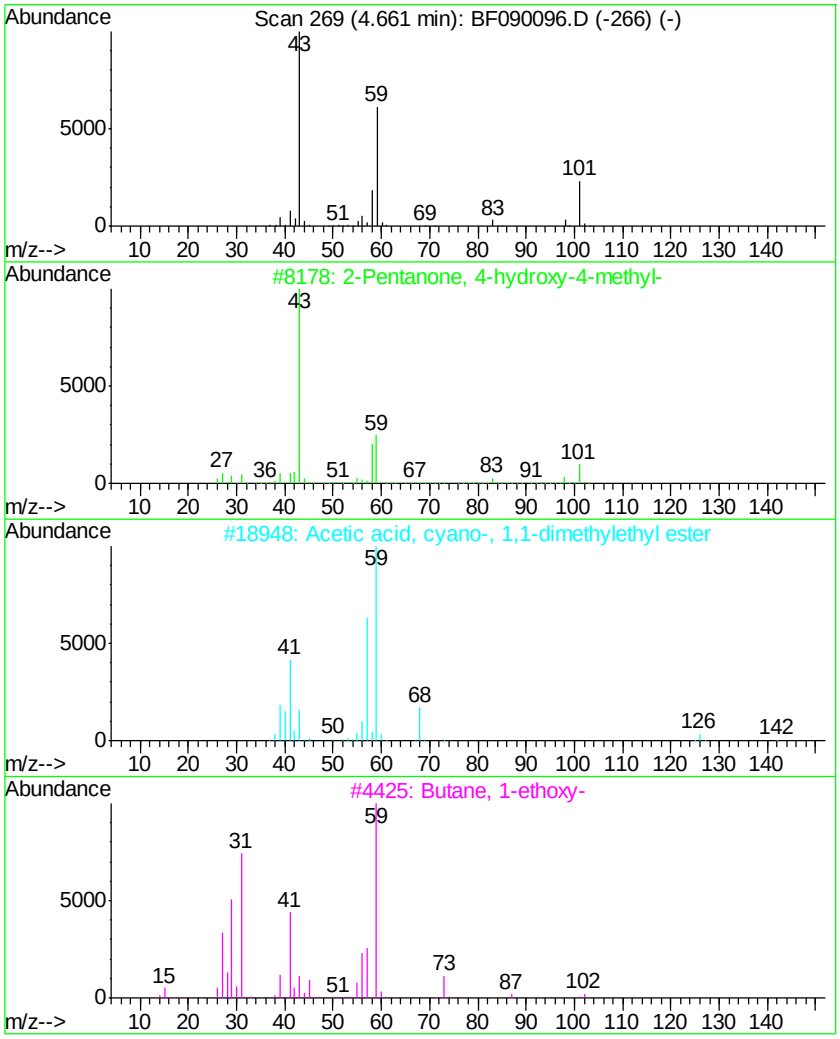
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

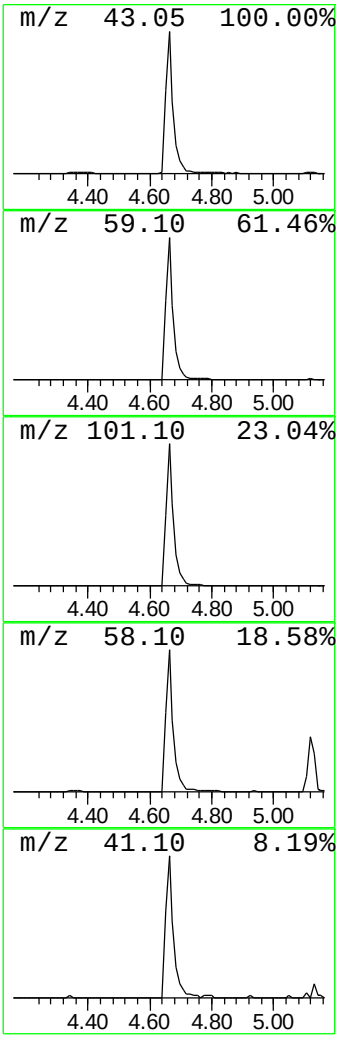
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	19.28 ng	873280	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090096.D
Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

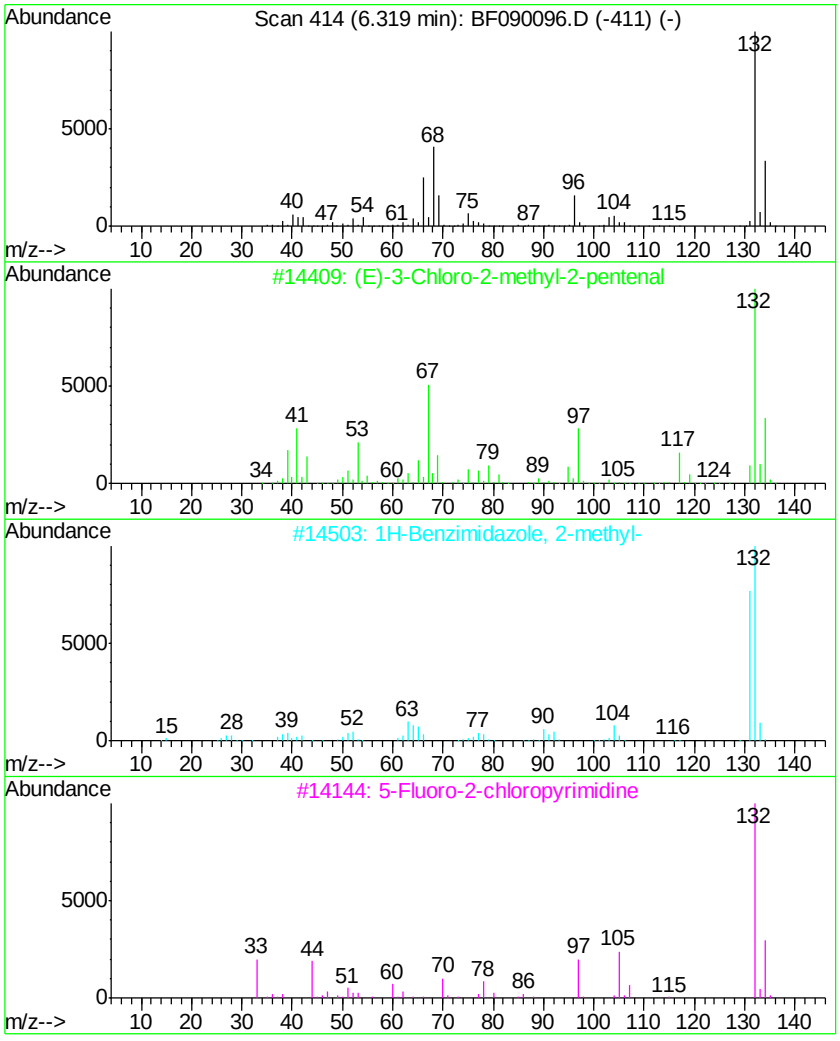
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

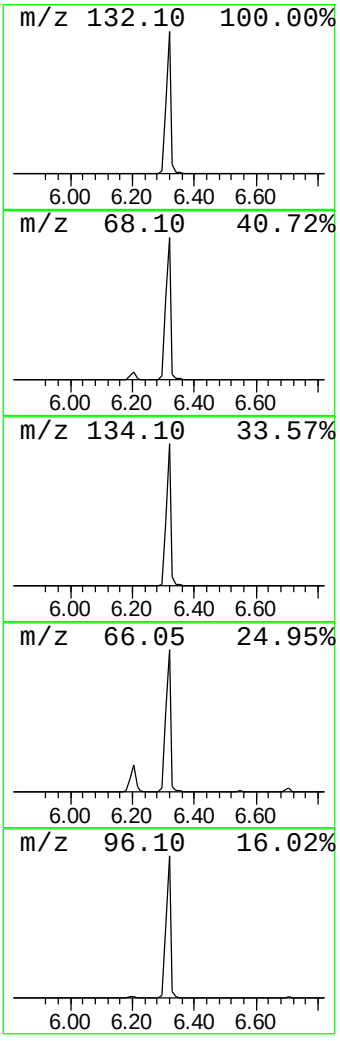
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	85.94 ng	3893550	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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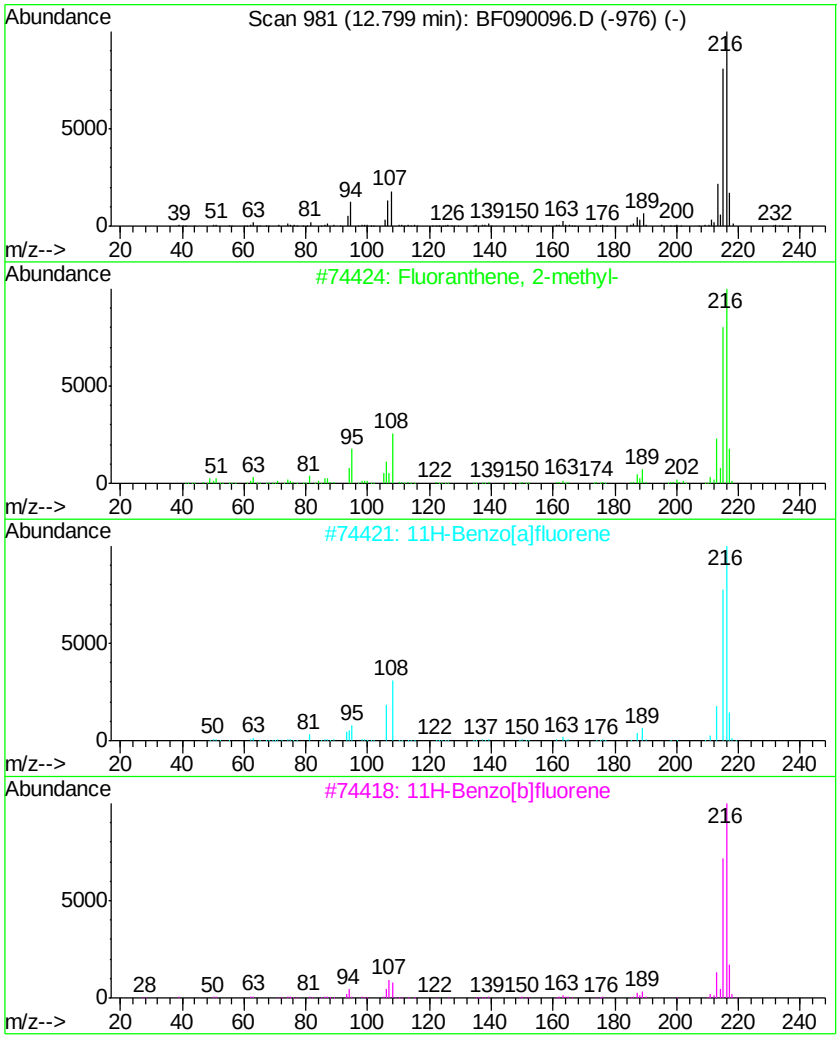
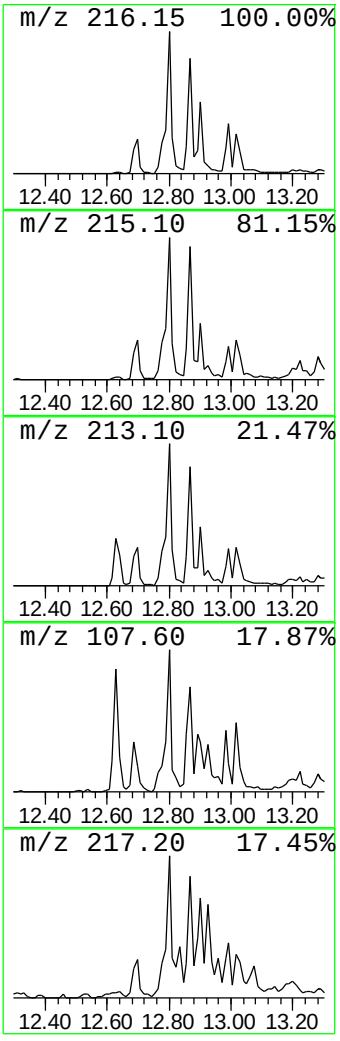
****

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.58 ng	715320	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : H4778-01
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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TIC Library : C:\Database\NIST11.L
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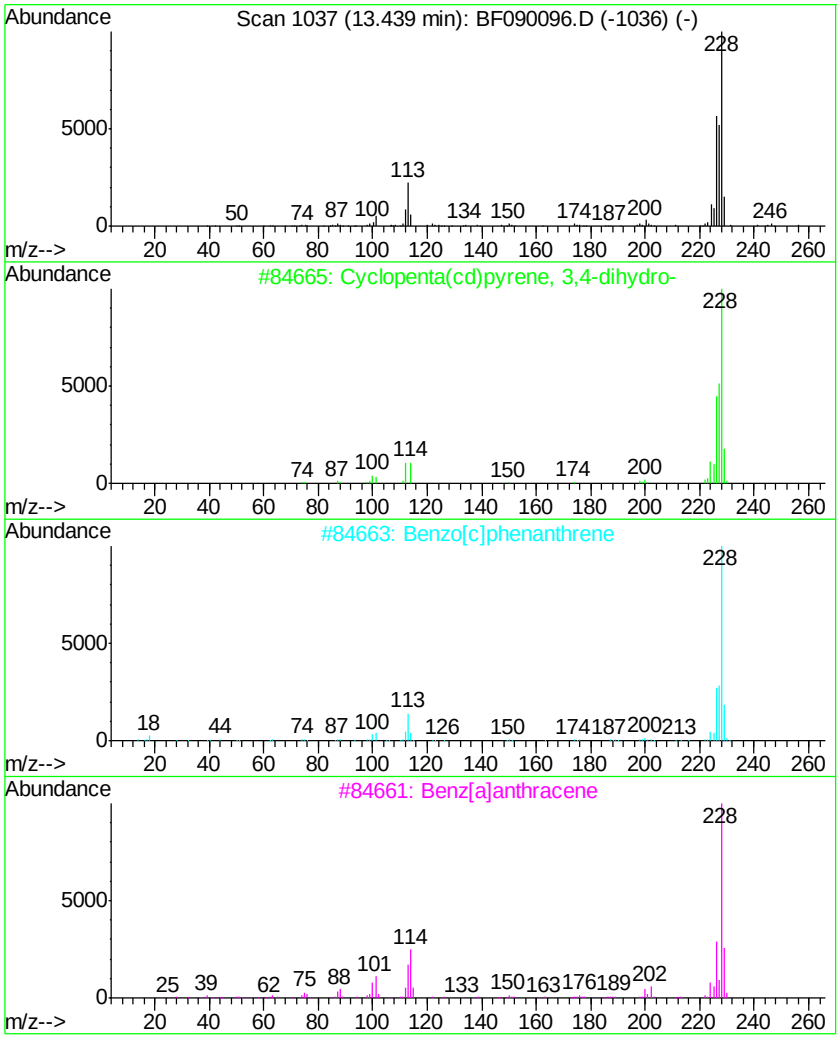
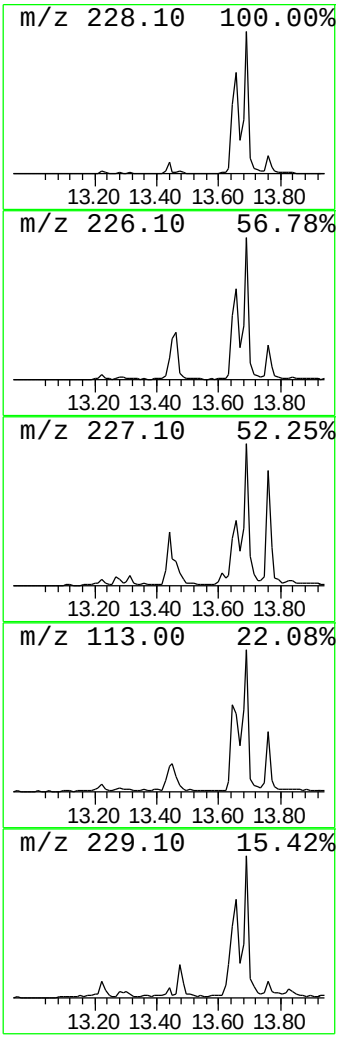
****

Peak Number 6 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.95 ng	789037	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	Benz[a]anthracene	228	C18H12	000056-55-3	43
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43
5	Triphenylene	228	C18H12	000217-59-4	43





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Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

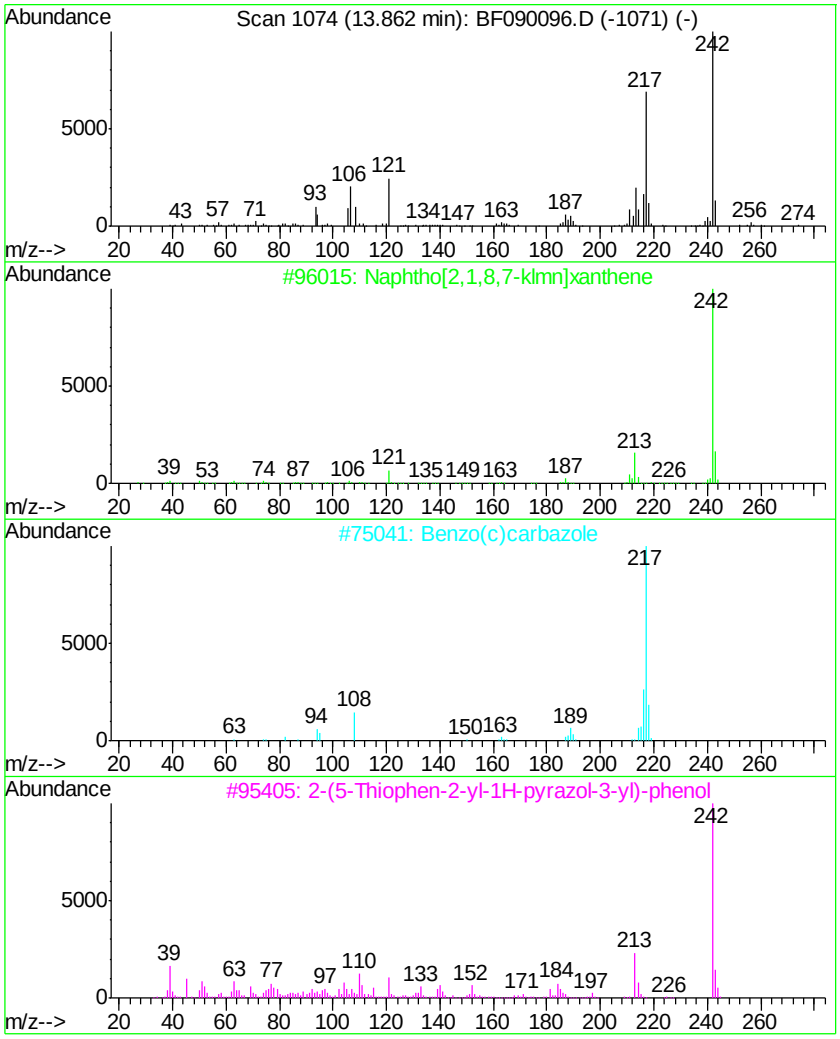
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

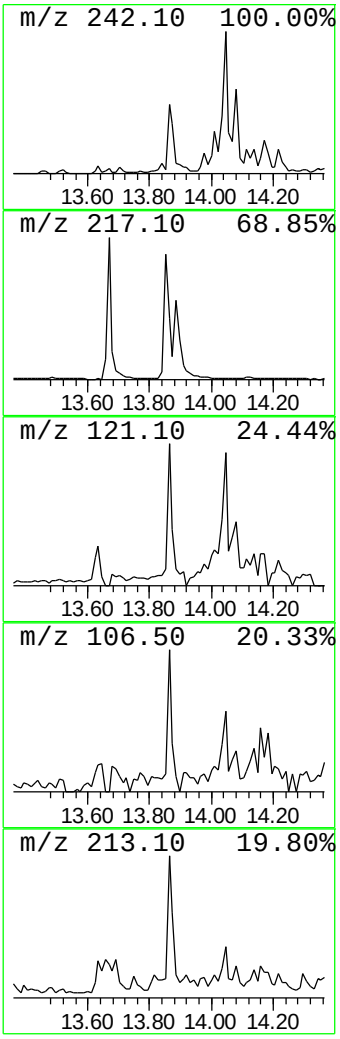
****

Peak Number 7 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.05 ng	808489	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	60
2	Benzo(c)carbazole	217	C16H11N	034777-33-8	43
3	2-(5-Thiophen-2-yl-1H-pyrazol-3-...	242	C13H10N2OS	1000301-11-6	37
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	35
5	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	30





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Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

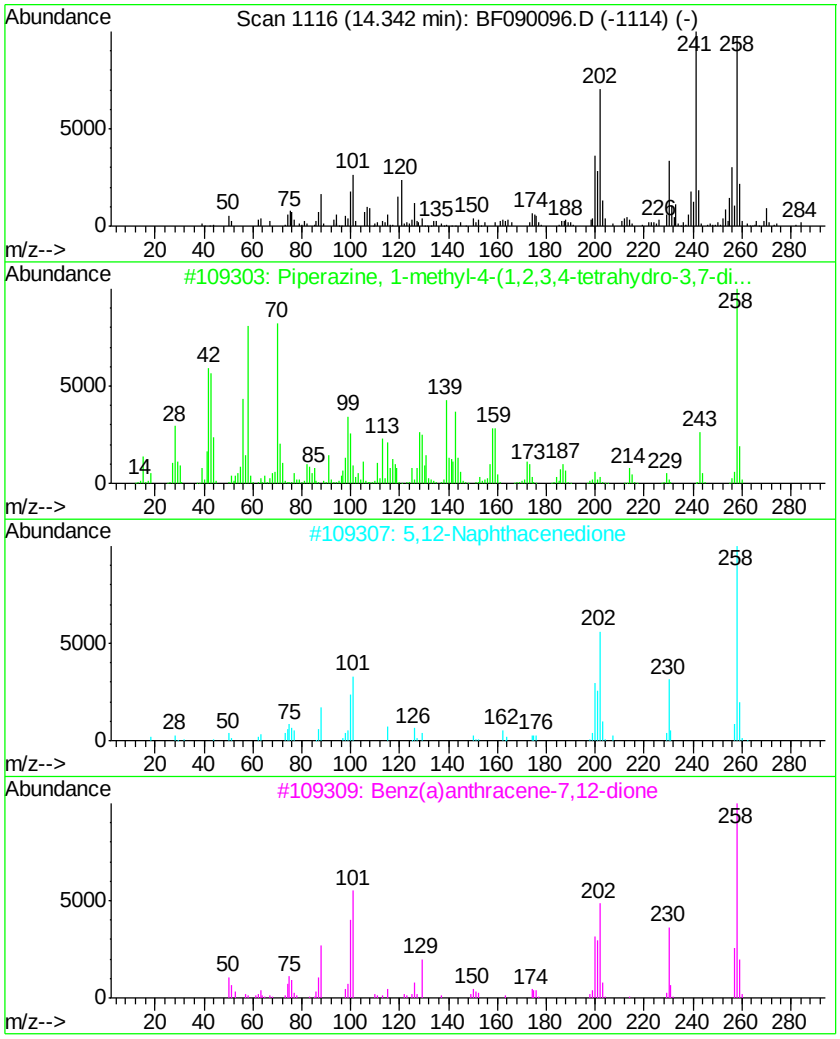
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

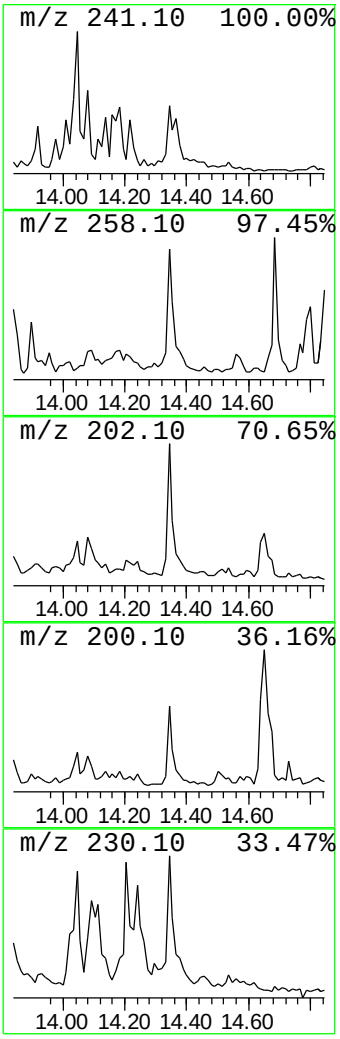
****

Peak Number 8 Piperazine, 1-methyl-4-(1,2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.81 ng	171873	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	91
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	78
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	46
5	2-Thiazoleacetonitrile, 4-tricyc...	258	C15H18N2S	1000338-15-0	27





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Data File : BF090096.D
Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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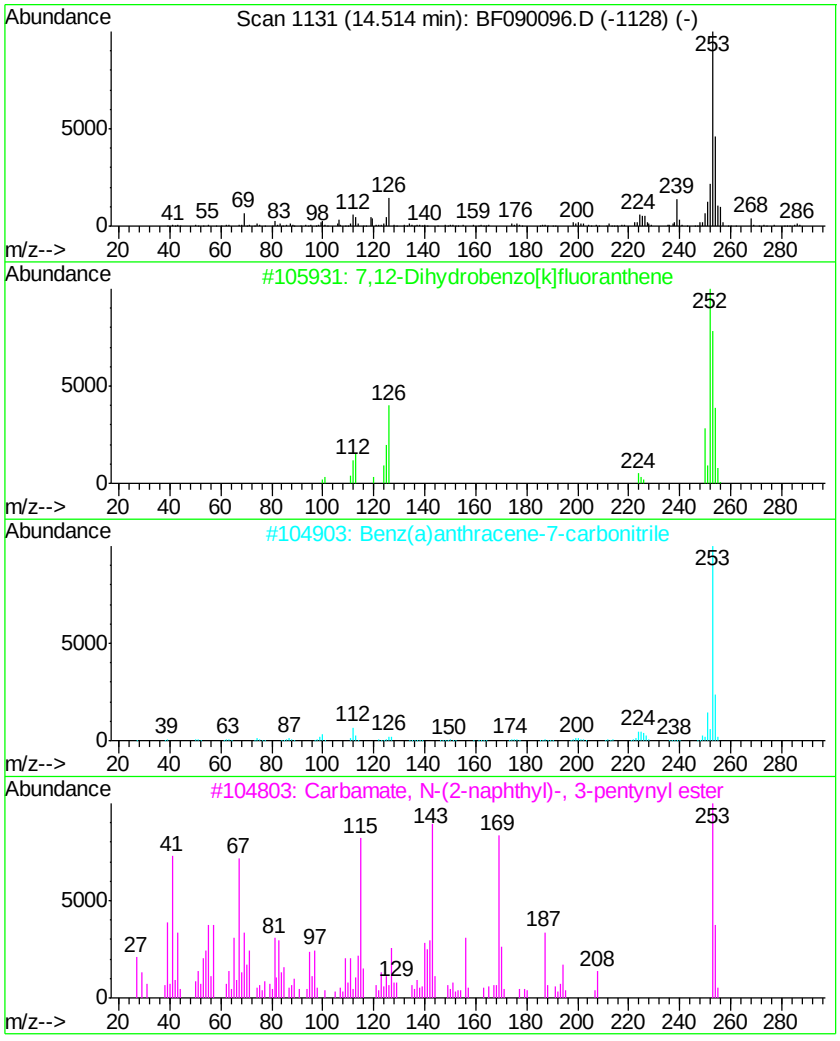
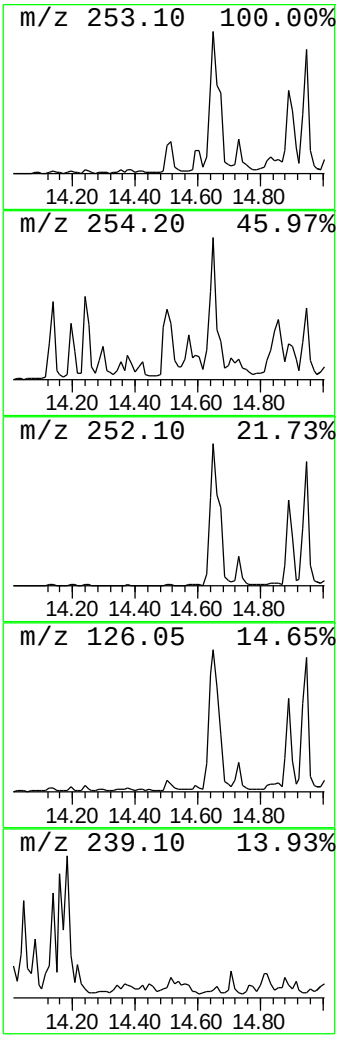
Peak Number 9 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	7.82 ng	352751	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	59
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50
3	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	49
4	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	47
5	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	42





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Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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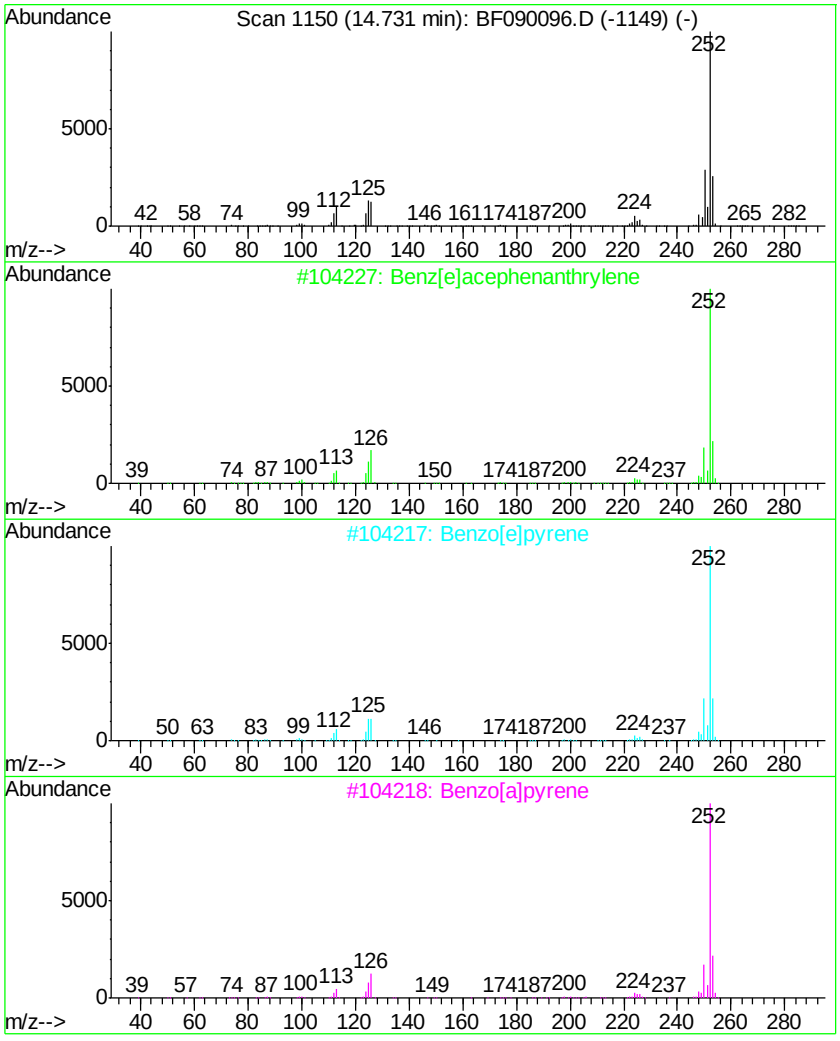
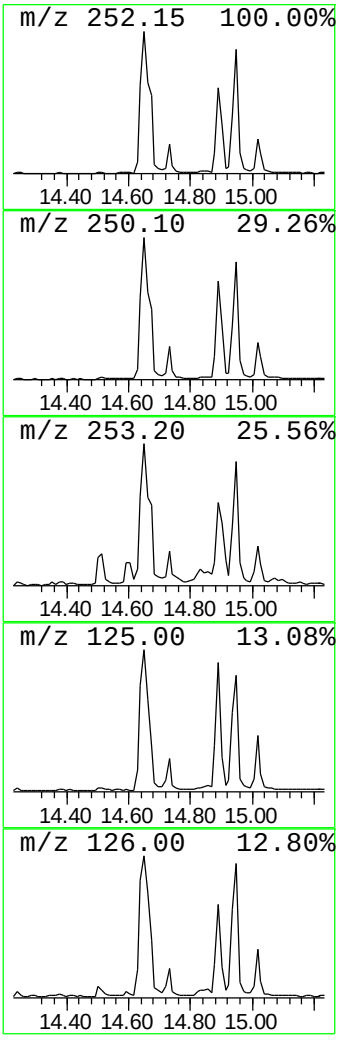
Peak Number 10 Benz[e]acephenanthrylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.35 ng	286305	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





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Sample : H4778-01
Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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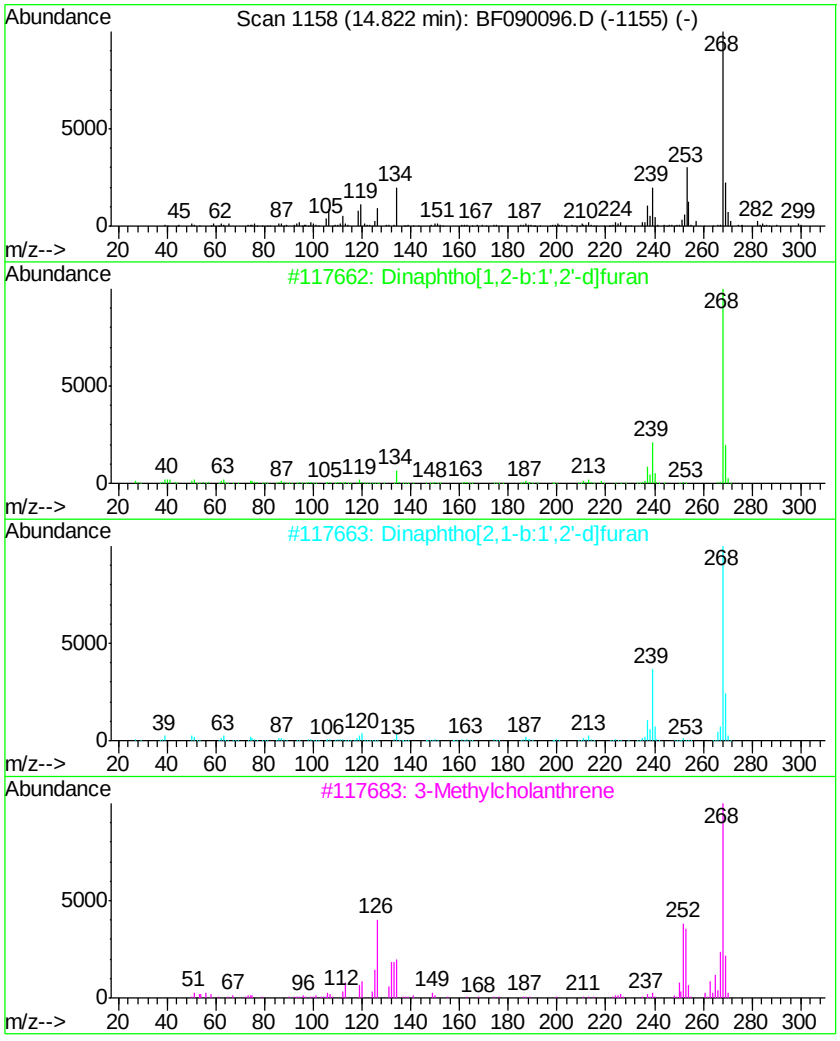
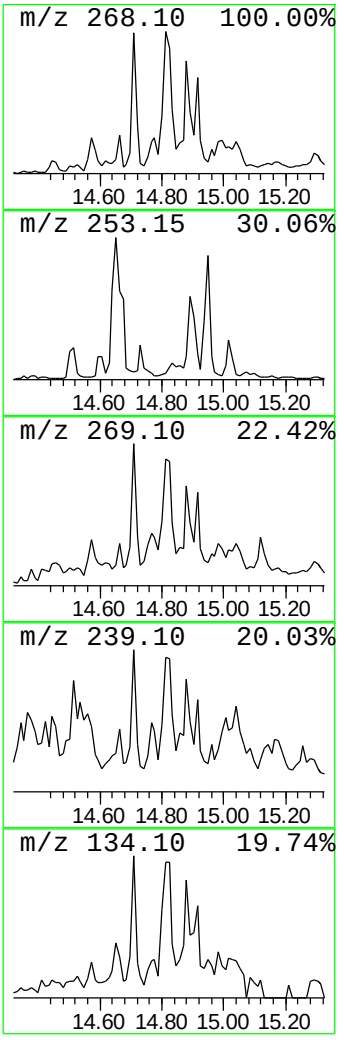
Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	6.67 ng	300818	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	76
3	3-Methylcholanthrene	268	C21H16	000056-49-5	59
4	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	53
5	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	53





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Sample : H4778-01
Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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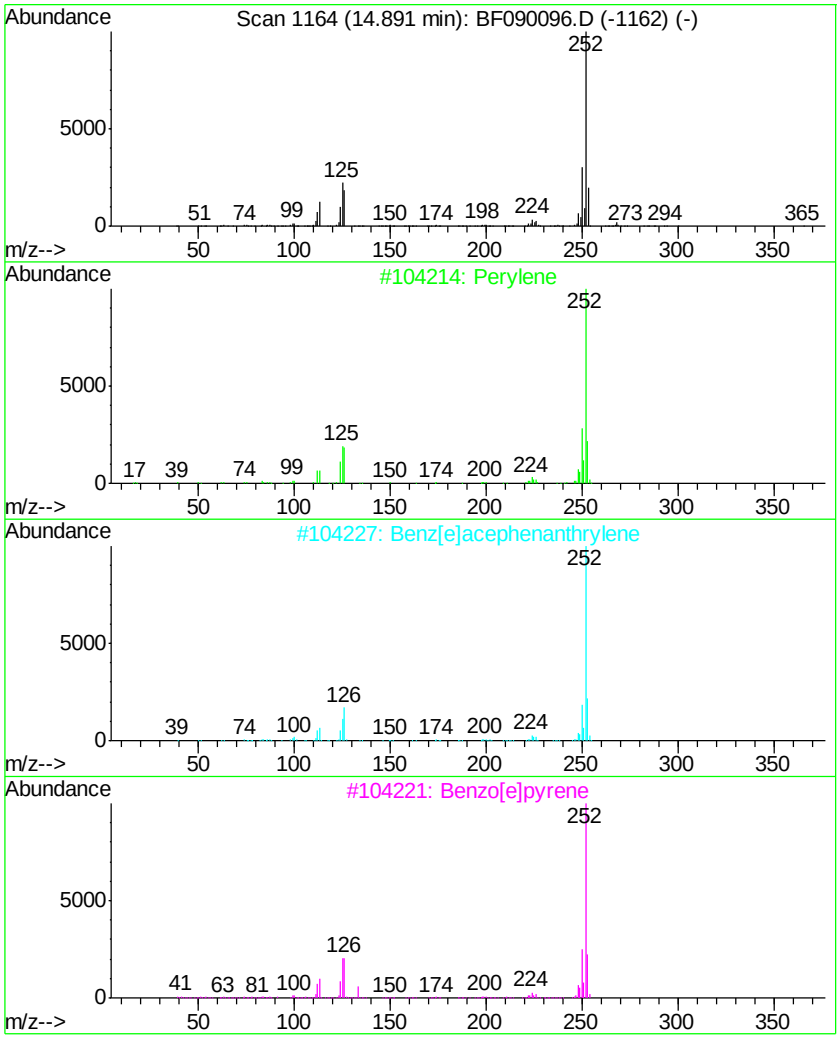
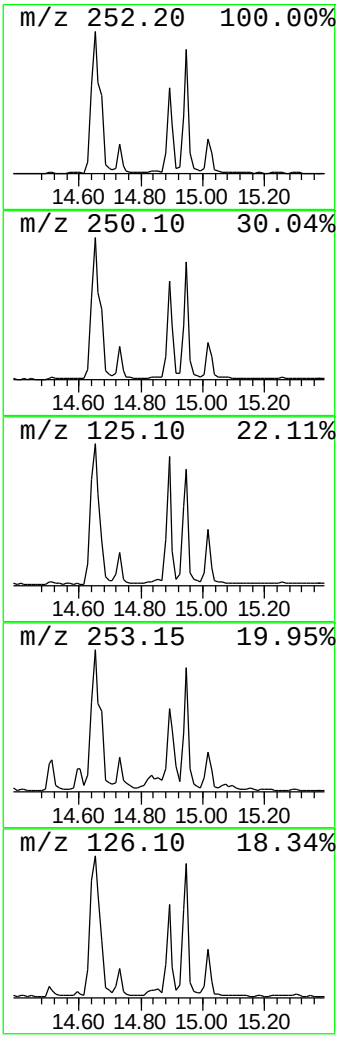
Peak Number 12 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	35.41 ng	1597630	Perylene-d12	14.99

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





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Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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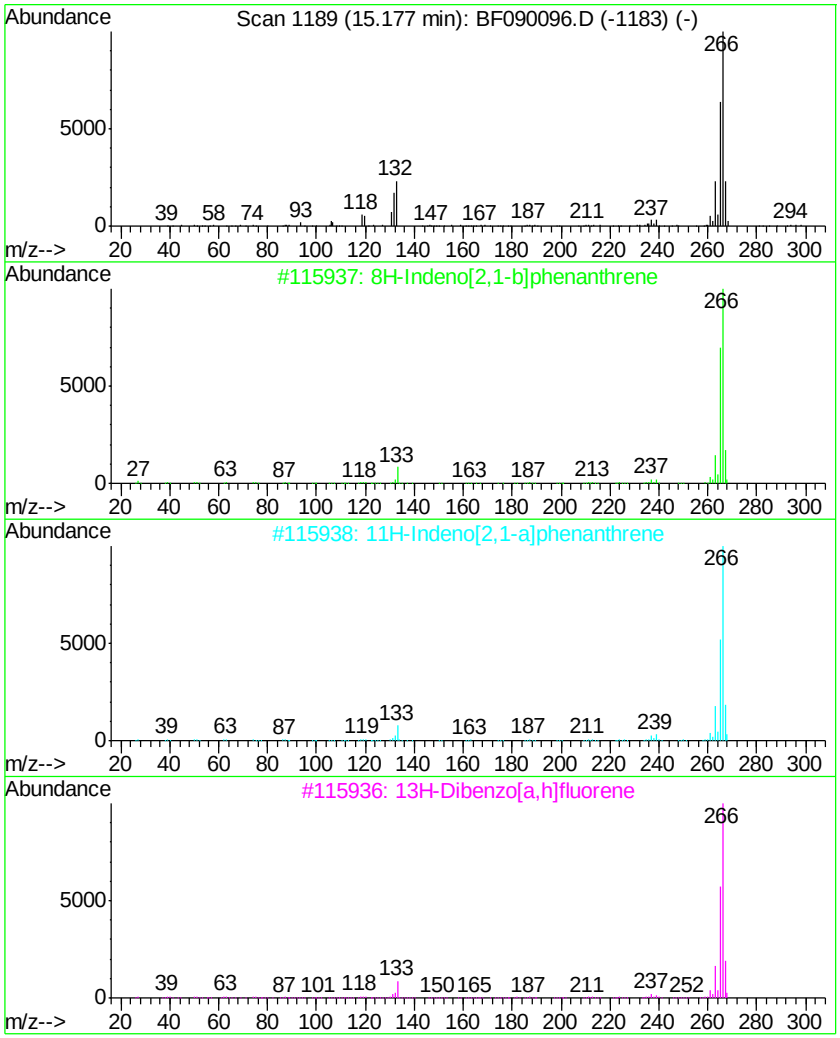
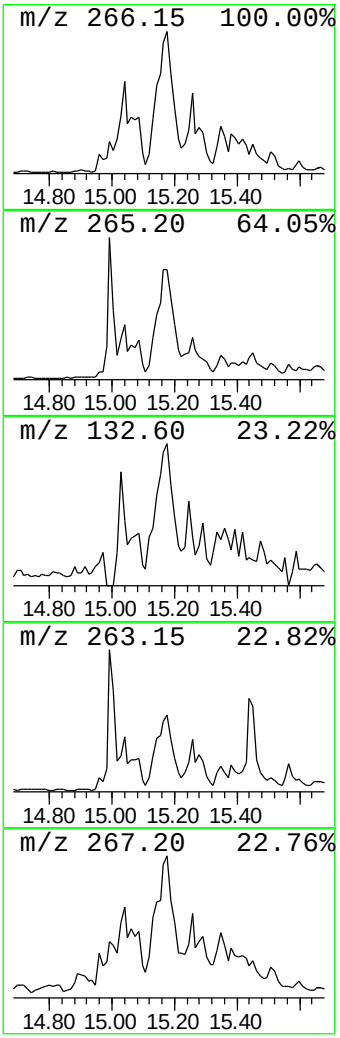
Peak Number 13 8H-Indeno[2,1-b]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	13.72 ng	619015	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	96
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	89
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	50





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Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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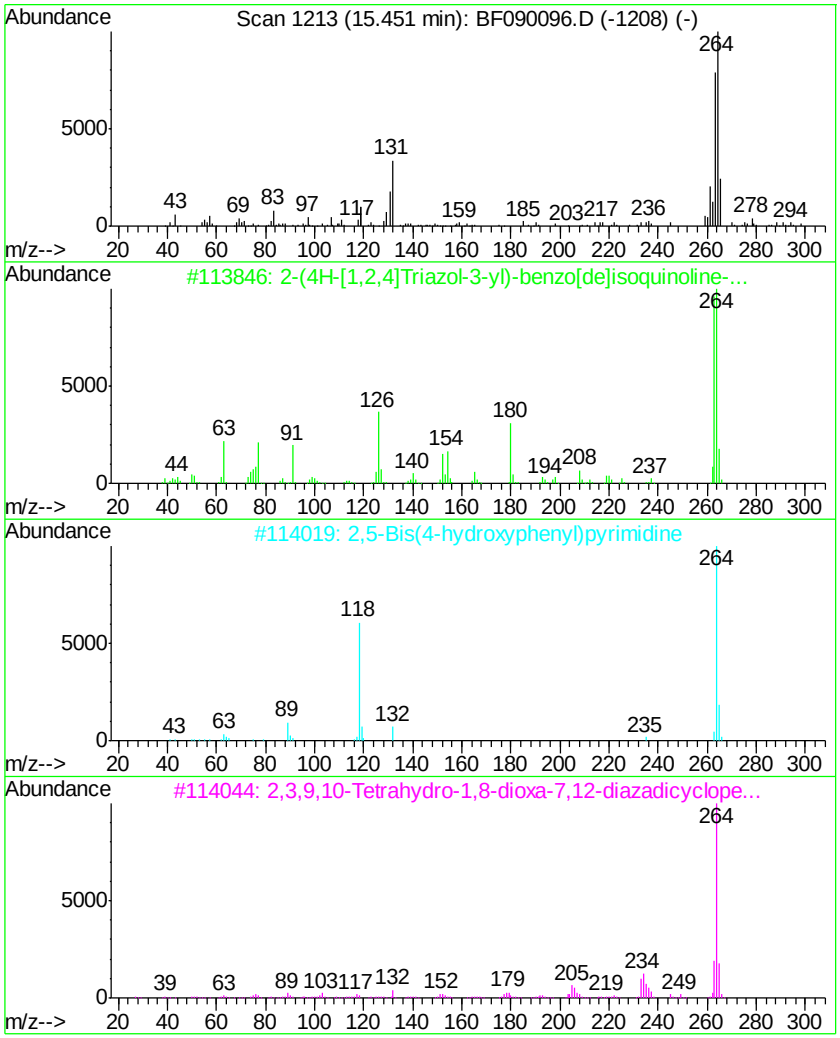
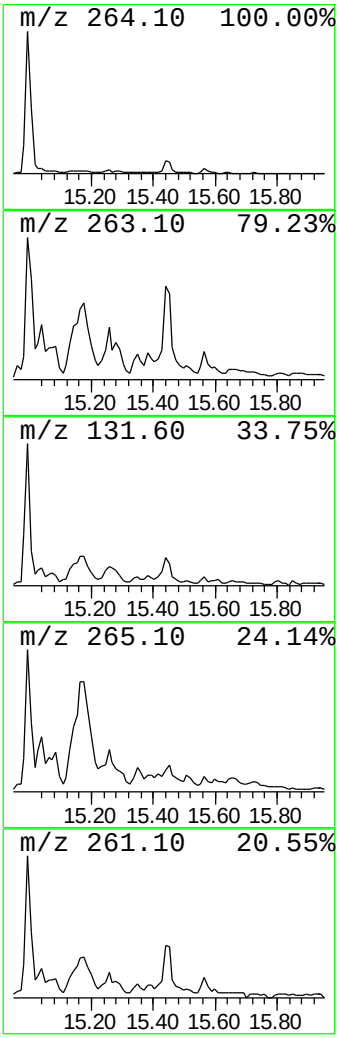
Peak Number 14 unknown15.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	7.55 ng	340742	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	42
2	2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	35
3	2,3,9,10-Tetrahydro-1,8-dioxa-7,...	264	C16H12N2O2	1000243-33-3	27
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	23
5	S-Tetrazine, 1,4-dihydro-1,4-dim...	264	C16H16N4	052143-15-4	22





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Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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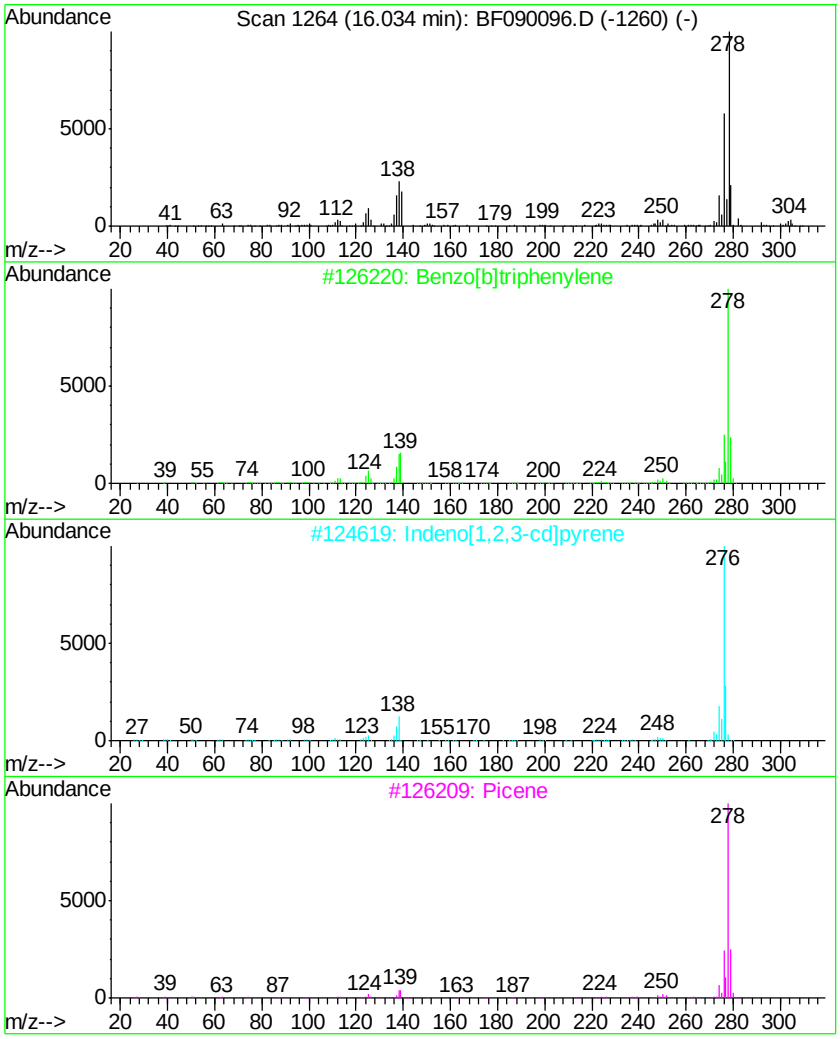
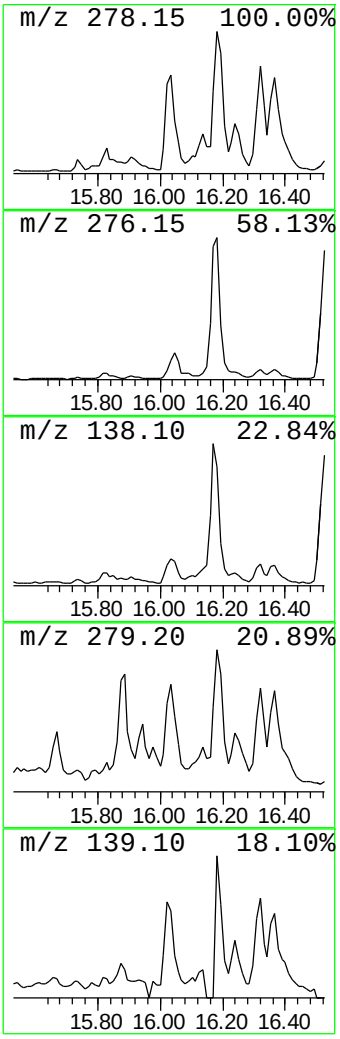
Peak Number 15 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	11.58 ng	522445	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	92
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
3	Picene	278	C22H14	000213-46-7	70
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
5	Benzo[b]chrysene	278	C22H14	000214-17-5	64





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Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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TIC Library : C:\Database\NIST11.L
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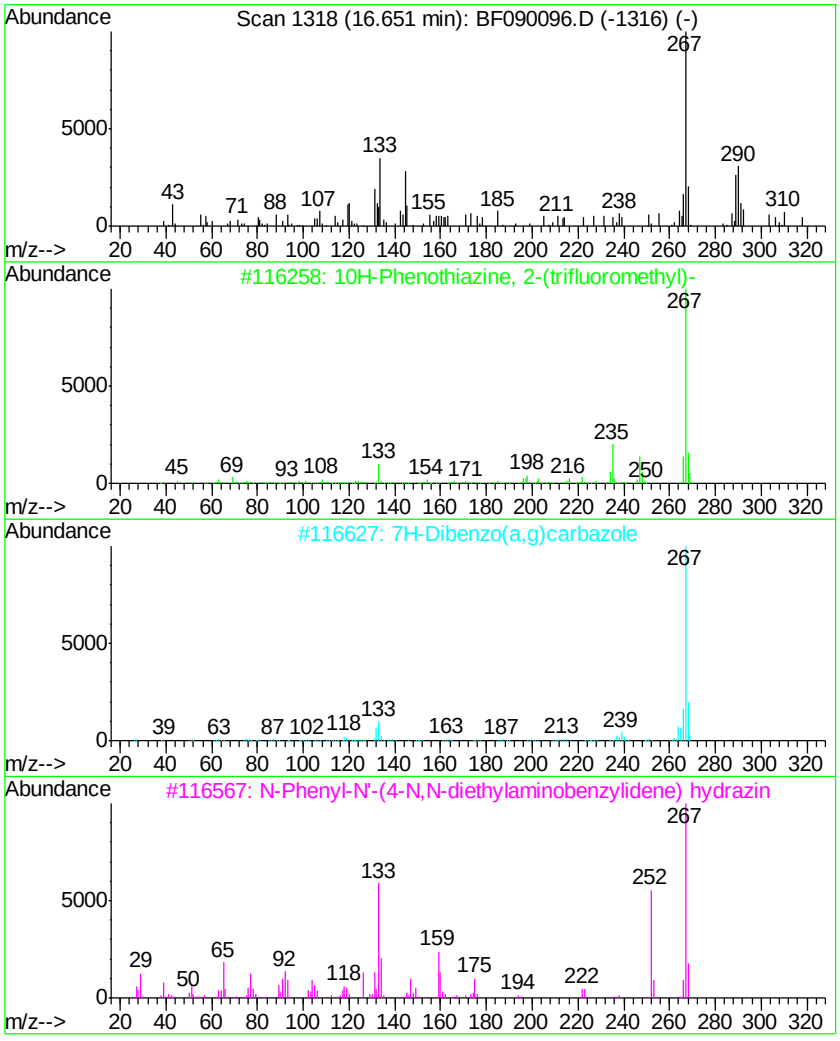
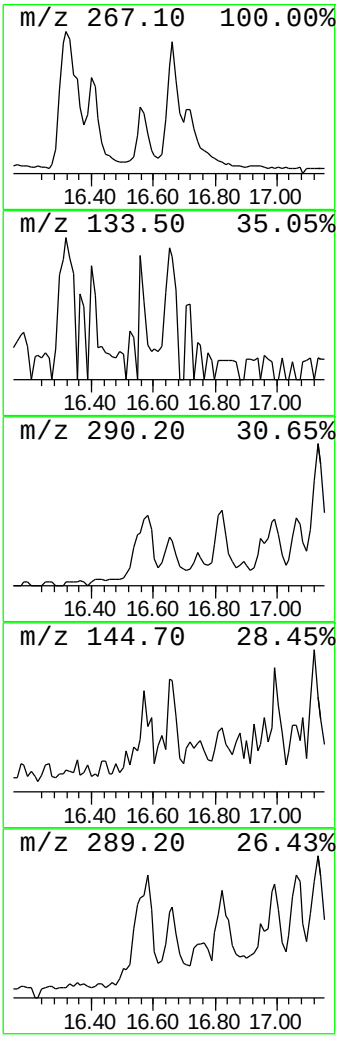
Peak Number 17 unknown16.65 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.98 ng	134325	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10H-Phenothiazine, 2-(trifluorom...	267	C13H8F3NS	000092-30-8	47
2	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	38
3	N-Phenyl-N'-(4-N,N-diethylaminob...	267	C17H21N3	003101-58-4	38
4	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	38
5	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	30





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Sample : H4778-01
Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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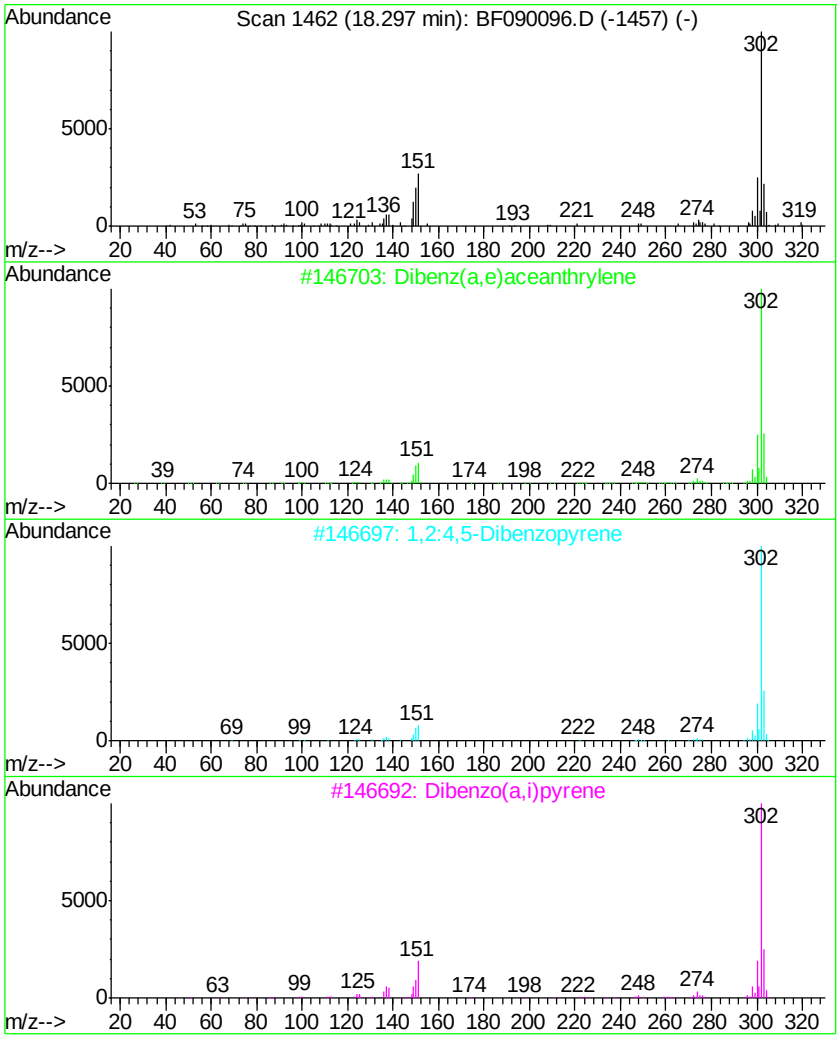
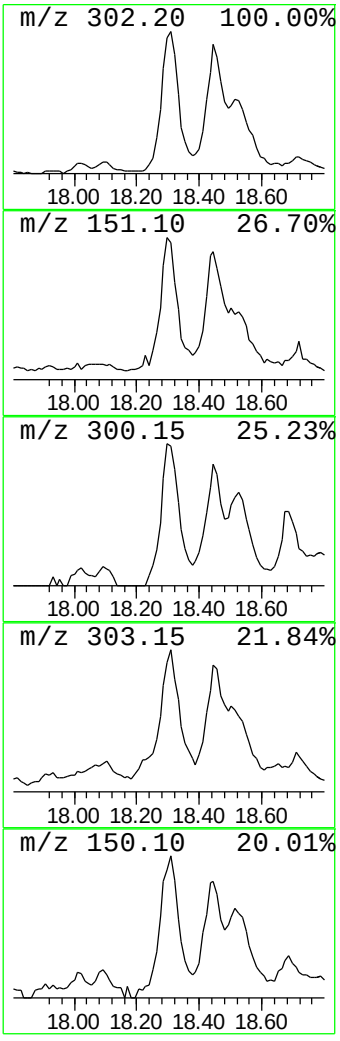
Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	6.74 ng	304090	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	96
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	92





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Sample : H4778-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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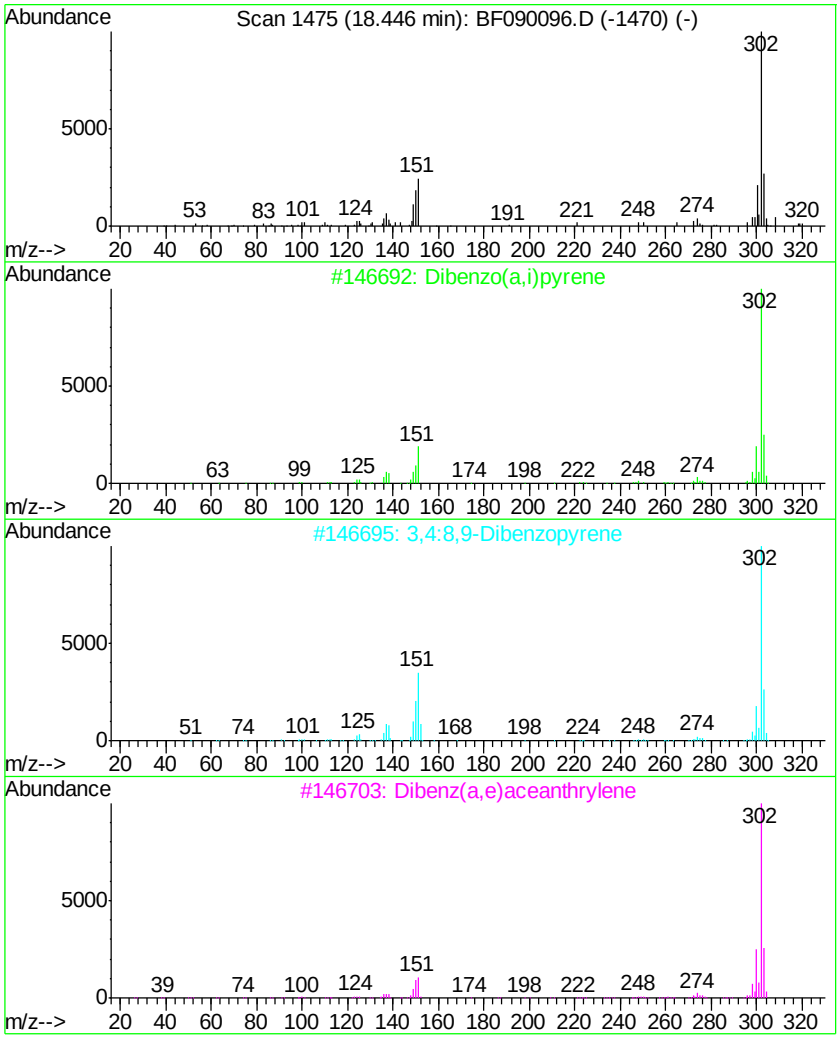
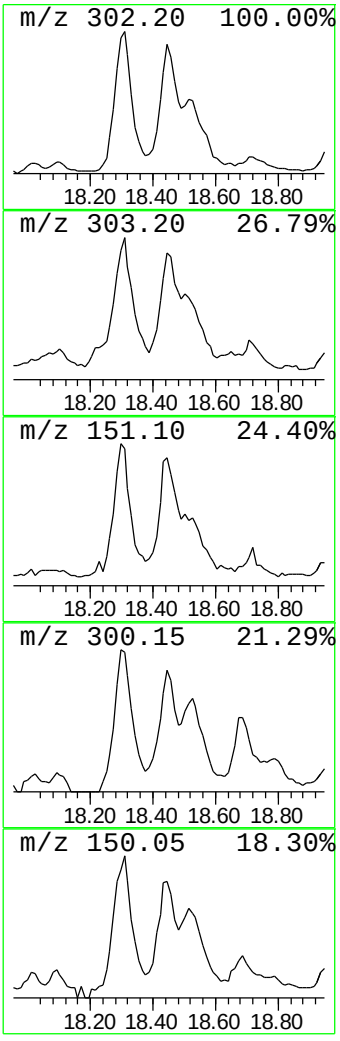
Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.69 ng	211552	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	94
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090096.D
Acq On : 15 Sep 2016 17:19
Operator : UM/SJ
Sample : H4778-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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...	4.66	19.3	ng	873280	1	6.55	906056	20.0
unknown6.32	6.32	85.9	ng	3893550	1	6.55	906056	20.0
Fluoranthene, 2-m...	12.80	3.6	ng	715320	5	13.67	3994570	20.0
Cyclopenta(cd)pyr...	13.44	4.0	ng	789037	5	13.67	3994570	20.0
Naphtho[2,1,8,7-k...	13.86	4.0	ng	808489	5	13.67	3994570	20.0
Piperazine, 1-met...	14.34	3.8	ng	171873	6	14.99	902272	20.0
7,12-Dihydrobenzo...	14.51	7.8	ng	352751	6	14.99	902272	20.0
Benz[e]acephenant...	14.73	6.3	ng	286305	6	14.99	902272	20.0
Dinaphtho[1,2-b:1...	14.82	6.7	ng	300818	6	14.99	902272	20.0
Perylene	14.89	35.4	ng	1597630	6	14.99	902272	20.0
8H-Indeno[2,1-b]p...	15.18	13.7	ng	619015	6	14.99	902272	20.0
unknown15.45	15.45	7.5	ng	340742	6	14.99	902272	20.0
Benzo[b]triphenylene	16.03	11.6	ng	522445	6	14.99	902272	20.0
unknown16.65	16.65	3.0	ng	134325	6	14.99	902272	20.0
Dibenz(a,e)aceant...	18.30	6.7	ng	304090	6	14.99	902272	20.0
Dibenzo(a,i)pyrene	18.45	4.7	ng	211552	6	14.99	902272	20.0