LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087805.D
Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF087806.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.690	5	9	12	rVB	3903893	6641523	100.00%	14.578%
2	1.758	14	15	25	rVV	223081	365303	5.50%	0.802%
3	1.895	25	27	42	rVB	976128	1632473	24.58%	3.583%
4	2.090	42	44	61	rVB	68154	155424	2.34%	0.341%
5	5.027	298	301	308	rVB	139689	214942	3.24%	0.472%
6	5.439	334	337	339	rBV	1982660	2009945	30.26%	4.412%
7	6.479	425	428	430	rVB	1918061	2368037	35.66%	5.198%
8	6.604	437	439	442	rBV	1913550	2161878	32.55%	4.745%
9	6.845	458	460	462	rBV	519274	597063	8.99%	1.310%
10	6.993	471	473	476	rVB	1503608	1762520	26.54%	3.869%
11	7.405	506	509	511	rBV	1468870	1391353	20.95%	3.054%
12	8.125	569	572	573	rBV	994022	854981	12.87%	1.877%
13	8.147	573	574	576	rVB	133029	92710	1.40%	0.203%
14	9.199	663	666	669	rBV	2316570	2299863	34.63%	5.048%
15	9.599	699	701	703	rVB	502248	577507	8.70%	1.268%
16	9.873	723	725	727	rBV	961112	870174	13.10%	1.910%
17	9.908	727	728	730	rVB	271995	191761	2.89%	0.421%
18	10.079	741	743	745	rBV	131856	121373	1.83%	0.266%
19	10.422	771	773	775	rVB	187364	190872	2.87%	0.419%
20	10.662	791	794	796	rBV	1385145	1430304	21.54%	3.139%
21	10.788	803	805	808	rVB	47581	81120	1.22%	0.178%
22	11.245	840	845	850	rBV4	81193	248484	3.74%	0.545%
23	11.382	852	857	858	rBV2	1317989	2101349	31.64%	4.612%
24	11.428	858	861	863	rVB	451250	387895	5.84%	0.851%
25	11.576	871	874	879	rBV2	161124	234256	3.53%	0.514%
26	11.656	879	881	882	rVV	83135	81214	1.22%	0.178%
27	11.851	896	898	899	rBV	138749	119229	1.80%	0.262%
28	11.874	899	900	902	rVB	122061	162585	2.45%	0.357%
29	11.919	902	904	906	rBV2	55868	77510	1.17%	0.170%
30	11.965	906	908	912	rVB2	270170	356320	5.37%	0.782%
31	12.148	922	924	928	rVB2	130044	184538	2.78%	0.405%
32	12.399	943	946	948	rBV	76859	94149	1.42%	0.207%
33	12.434	948	949	952	rVB3	38014	71342	1.07%	0.157%
34	12.479	952	953	958	rBV2	72005	70900	1.07%	0.156%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.559	958	960	962	rBV	1466309	1418687	21.36%	3.114%
36	12.605	962	964	967	rVB3	91889	106357	1.60%	0.233%
37	12.708	969	973	977	rBV2	55702	83131	1.25%	0.182%
38	12.788	977	980	983	rBV	1330628	1546314	23.28%	3.394%
39	12.834	983	984	988	rVB3	68947	73468	1.11%	0.161%
40	12.902	988	990	991	rBV	79637	81037	1.22%	0.178%
41	12.937	991	993	995	rVB	1973111	1825870	27.49%	4.008%
42	13.005	995	999	1001	rBV2	72817	103791	1.56%	0.228%
43	13.108	1003	1008	1010	rBV2	141224	331233	4.99%	0.727%
44	13.177	1012	1014	1016	rBV	149985	165340	2.49%	0.363%
45	13.211	1016	1017	1021	rVB3	110214	177153	2.67%	0.389%
46	13.519	1040	1044	1049	rBV5	38705	134111	2.02%	0.294%
47	13.611	1050	1052	1055	rVB	79045	110653	1.67%	0.243%
48	13.725	1059	1062	1064	rBV	130508	208565	3.14%	0.458%
49	13.759	1064	1065	1066	rVV	110109	100897	1.52%	0.221%
50	13.782	1066	1067	1069	rVV2	69084	100272	1.51%	0.220%
51	13.817	1069	1070	1072	rVV	60267	75392	1.14%	0.165%
52	13.977	1081	1084	1086	rVV3	1035689	1829338	27.54%	4.015%
53	14.011	1086	1087	1090	rVB	480673	383391	5.77%	0.842%
54	14.079	1091	1093	1095	rBV2	108872	124010	1.87%	0.272%
55	14.160	1099	1100	1102	rVV2	48508	76270	1.15%	0.167%
56	14.205	1102	1104	1105	rVB2	64679	76562	1.15%	0.168%
57	14.297	1110	1112	1114	rBV3	35449	70859	1.07%	0.156%
58	14.365	1116	1118	1119	rVV	118730	129233	1.95%	0.284%
59	14.457	1124	1126	1127	rVV	89292	92352	1.39%	0.203%
60	14.502	1127	1130	1132	rVV4	74057	179957	2.71%	0.395%
61	14.560	1132	1135	1138	rVB3	46978	76684	1.15%	0.168%
62	14.662	1142	1144	1145	rBV2	57572	74297	1.12%	0.163%
63	14.834	1156	1159	1161	rBV3	60948	121400	1.83%	0.266%
64	14.994	1170	1173	1178	rBV	650168	1298084	19.54%	2.849%
65	15.097	1179	1182	1184	rVV	123306	193391	2.91%	0.424%
66	15.200	1187	1191	1192	rVV2	36585	93612	1.41%	0.205%
67	15.280	1195	1198	1201	rVV	383418	503275	7.58%	1.105%
68	15.337	1201	1203	1206	rVV	554672	647723	9.75%	1.422%
69	15.394	1206	1208	1214	rVB2	414583	844982	12.72%	1.855%
70	15.554	1219	1222	1224	rBV4	32114	80742	1.22%	0.177%
71	15.851	1246	1248	1250	rBV	44556	72940	1.10%	0.160%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SS-11

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.068	1265	1267	1273	rVB3	52214	120942	1.82%	0.265%
73	16.605	1310	1314	1320	rBV3	51160	170885	2.57%	0.375%
74	16.765	1325	1328	1333	rVB2	199449	426808	6.43%	0.937%
75	16.937	1340	1343	1346	rBV	42396	80308	1.21%	0.176%
76	17.188	1361	1365	1370	rBV	160995	336792	5.07%	0.739%
77	17.394	1381	1383	1391	rVB2	55519	151032	2.27%	0.332%
78	19.291	1542	1549	1558	rVB	109941	387688	5.84%	0.851%
79	19.463	1559	1564	1567	rBV2	21015	73219	1.10%	0.161%

Sum of corrected areas: 45559944

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
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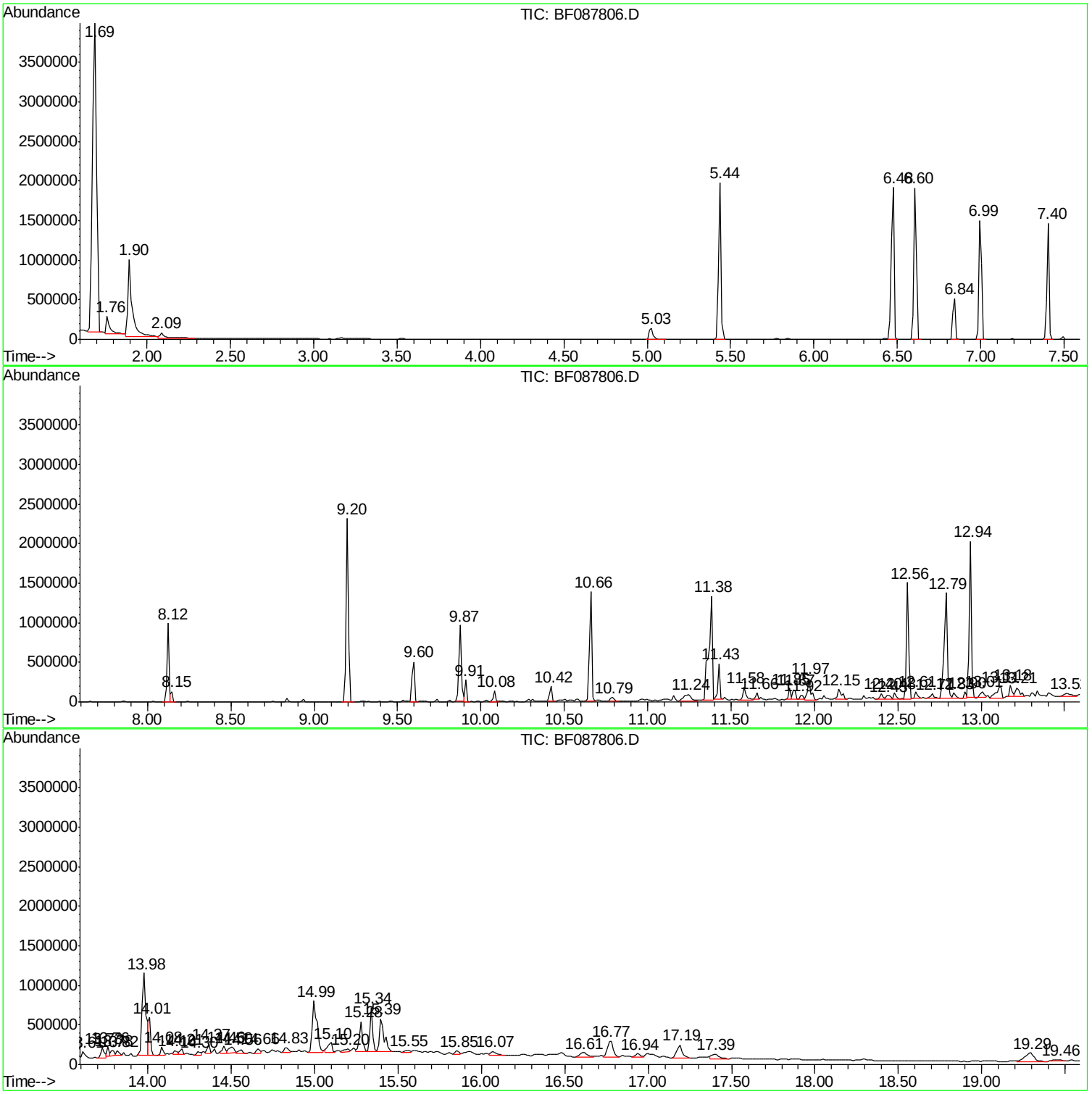
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF060716\
Data File : BF087805.D
Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

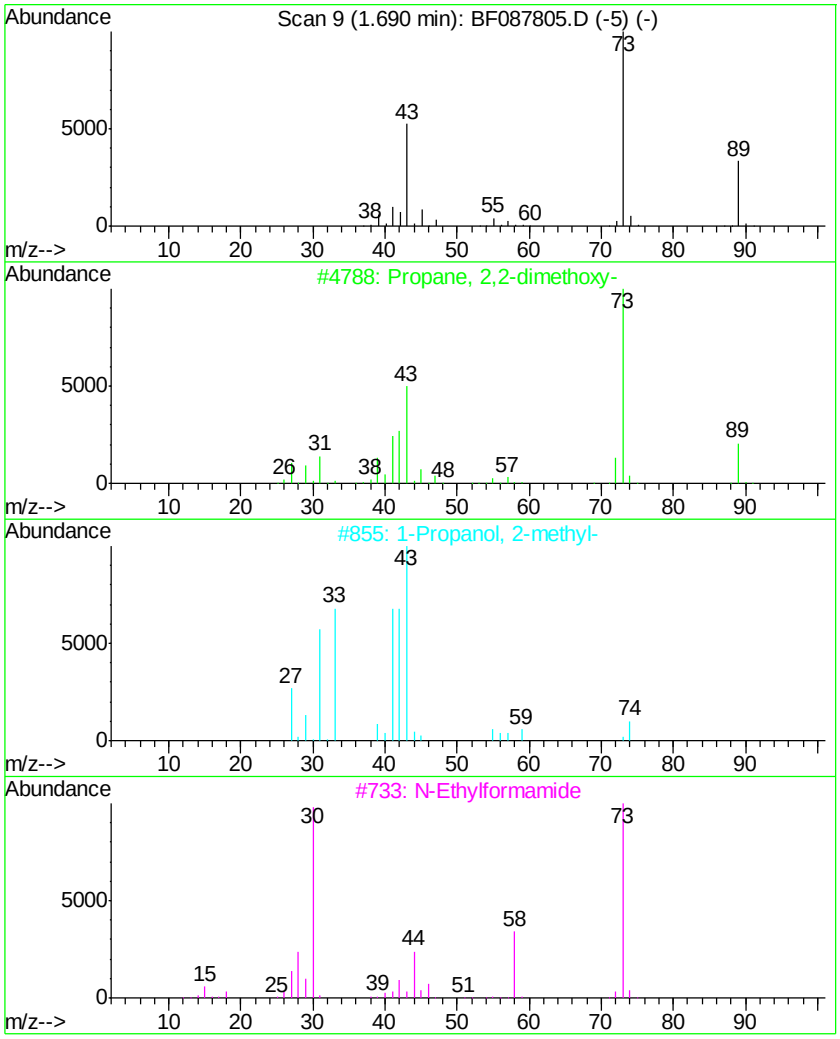
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

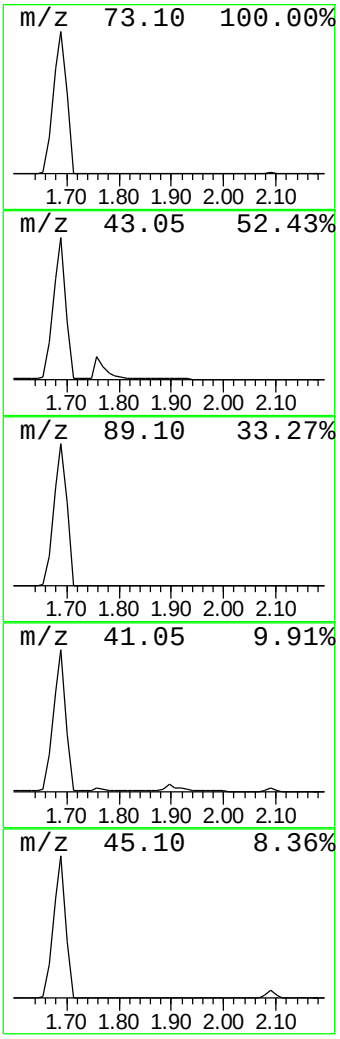
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.69	222.47 ng	6641520	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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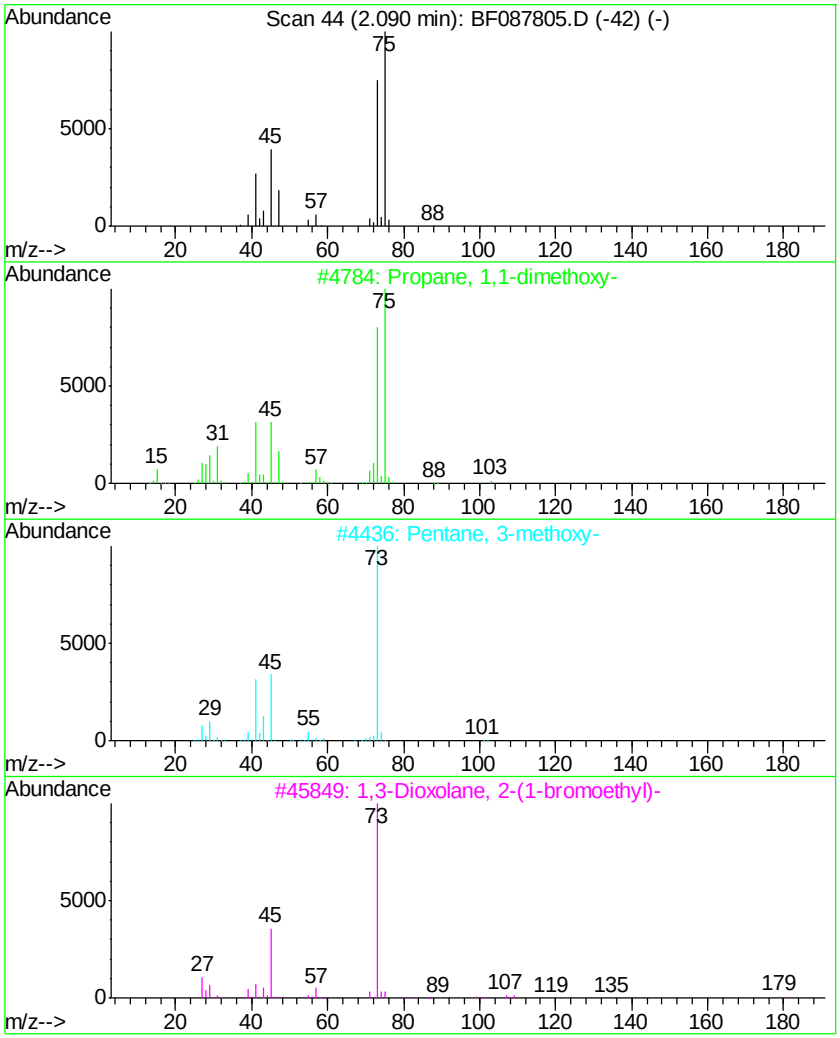
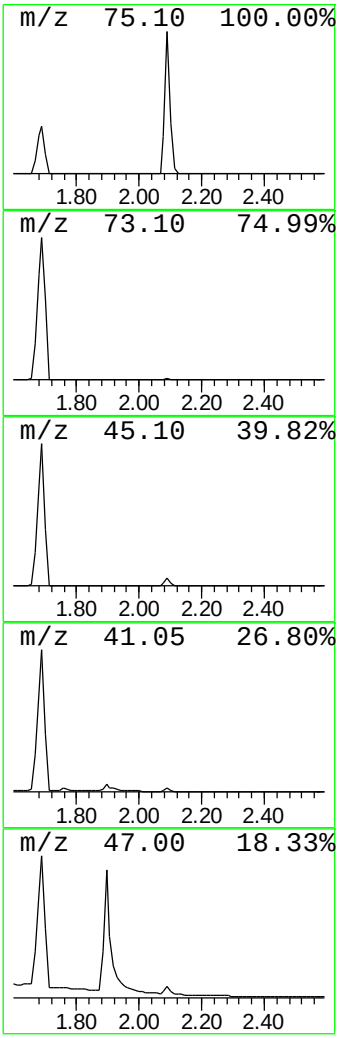
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	5.21 ng	155424	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	35
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	17
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
5	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9





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Acq On : 8 Jun 2016 00:46
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Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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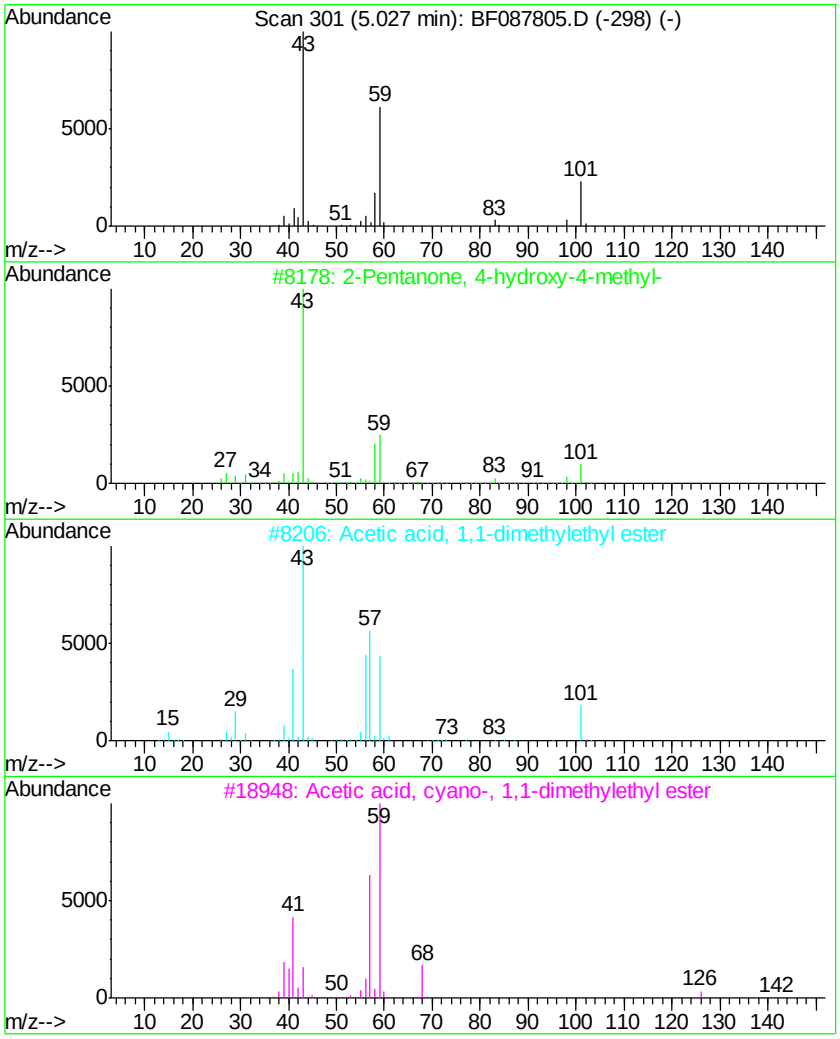
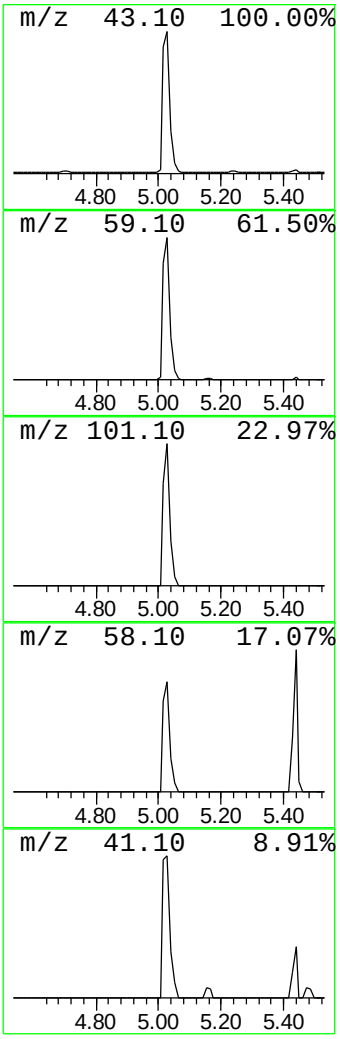
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	7.20 ng	214942	1,4-Dichlorobenzene-d4	6.84

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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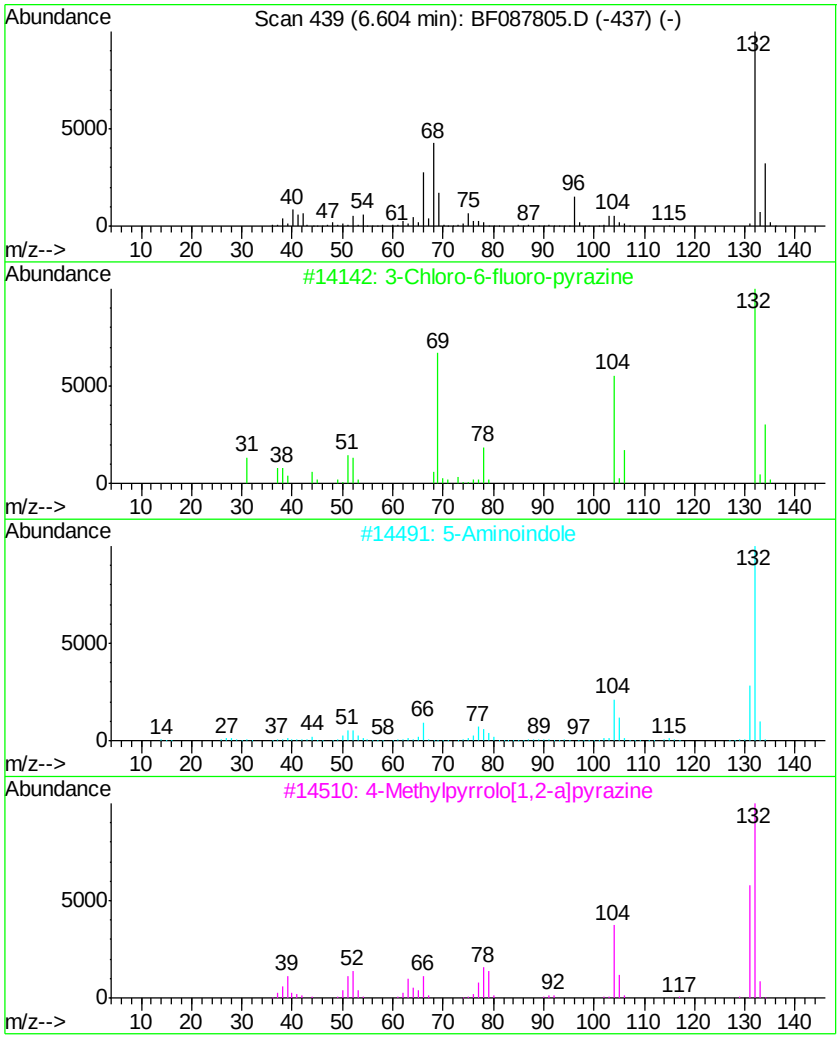
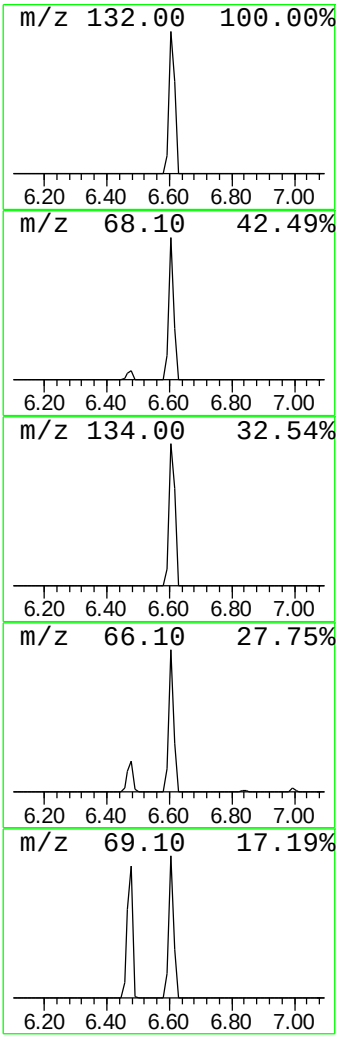
Peak Number 6 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	72.42 ng	2161880	1,4-Dichlorobenzene-d4	6.84

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	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

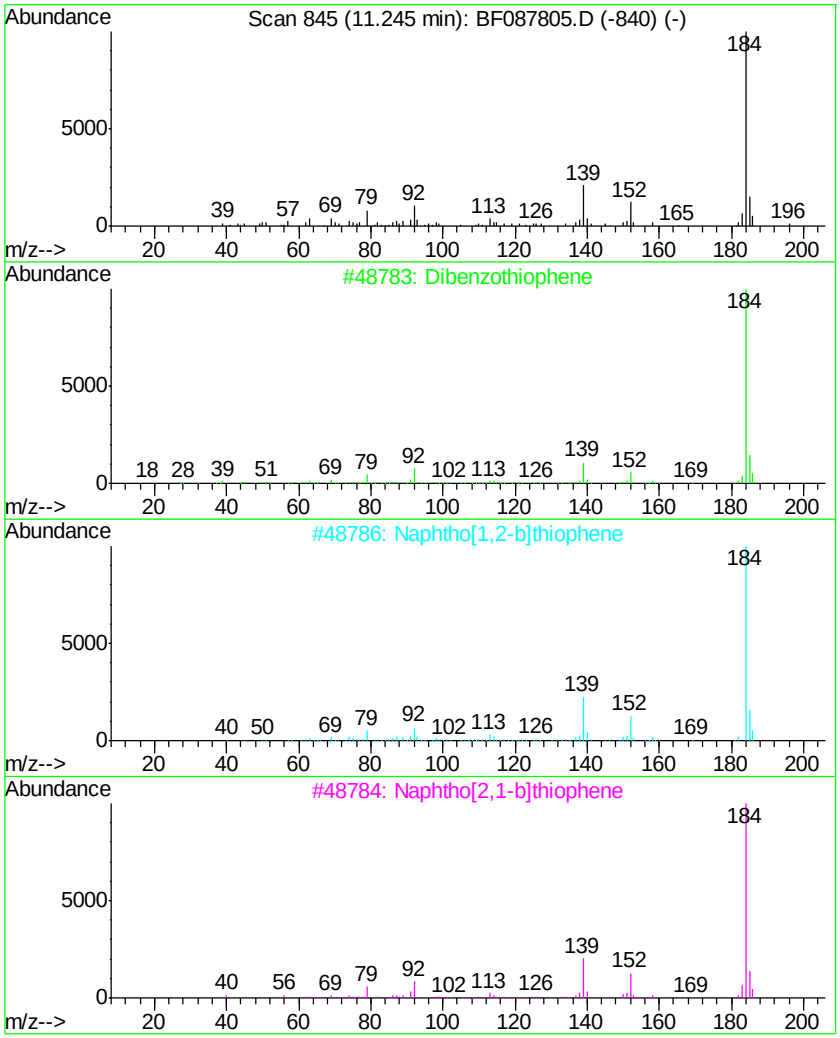
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

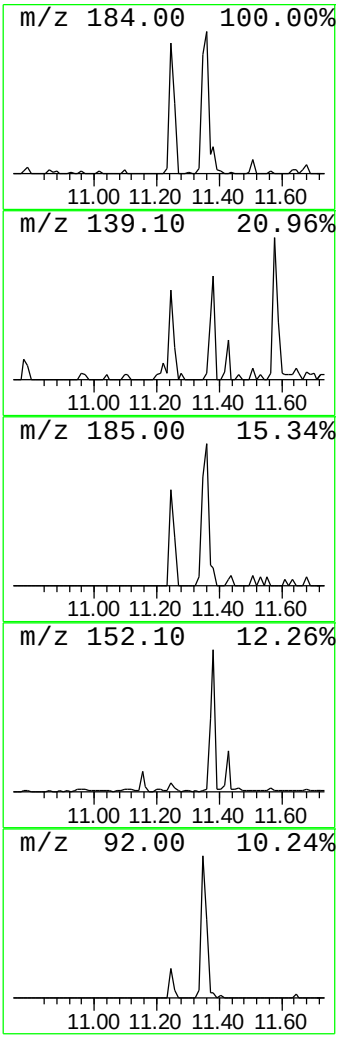
****

Peak Number 9 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.37 ng	248484	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

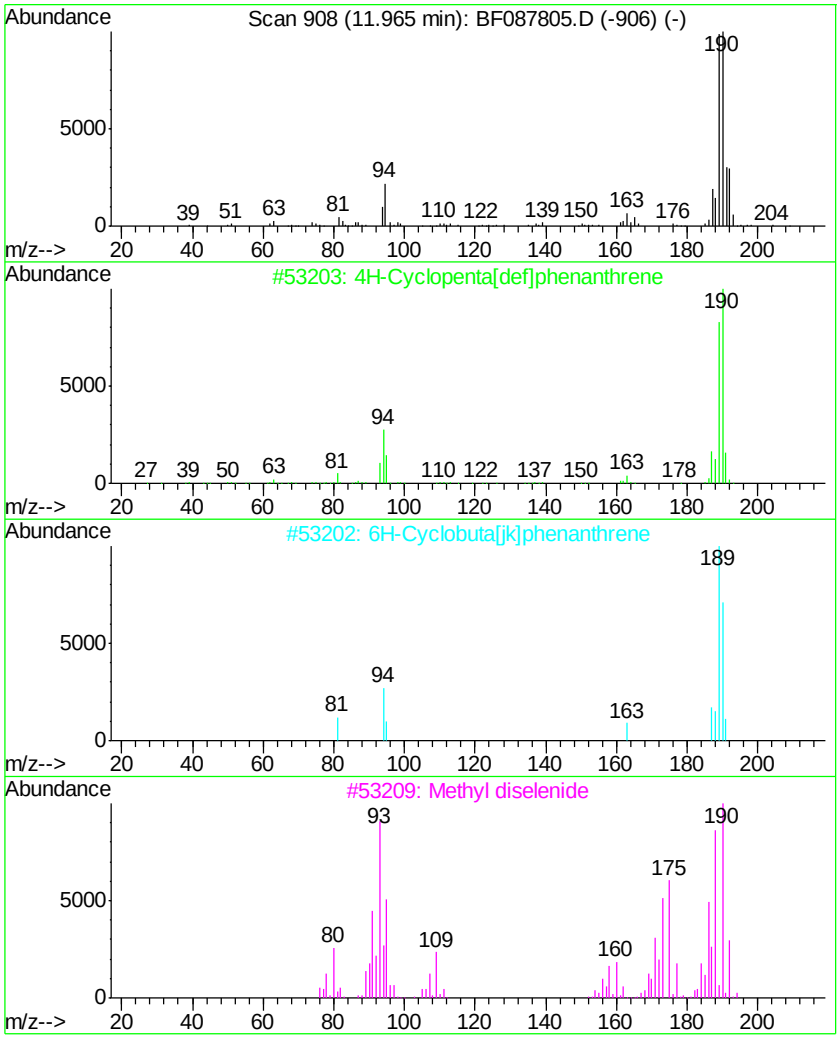
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

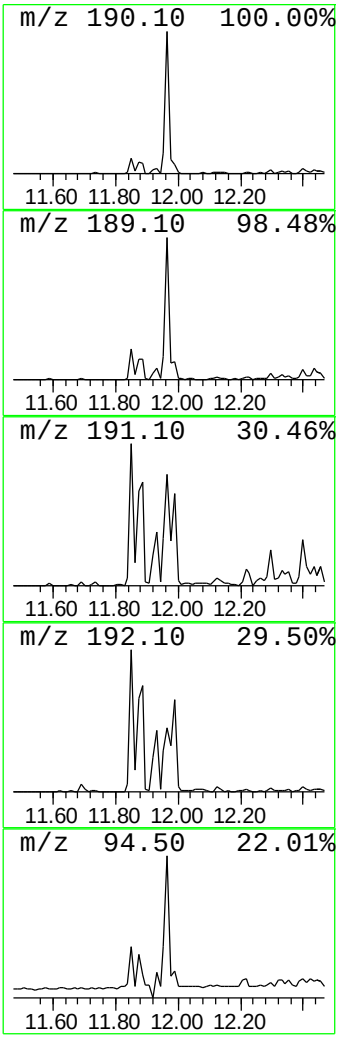
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.39 ng	356320	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Data File : BF087805.D
Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

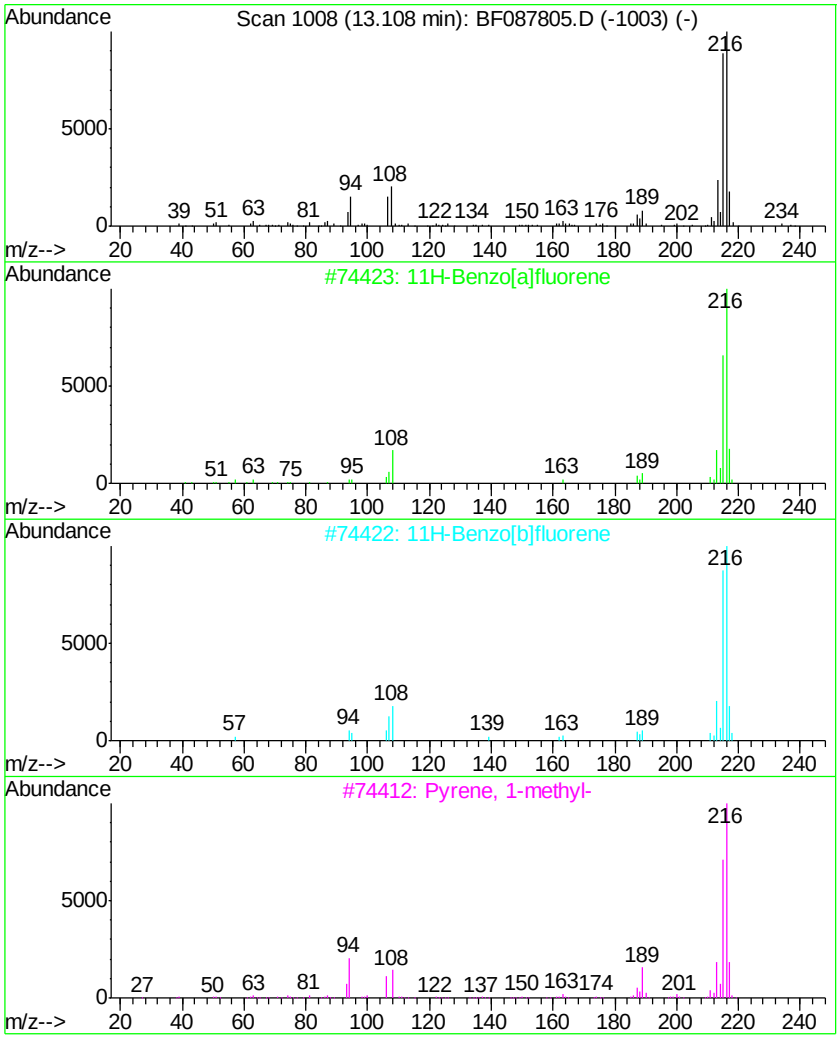
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

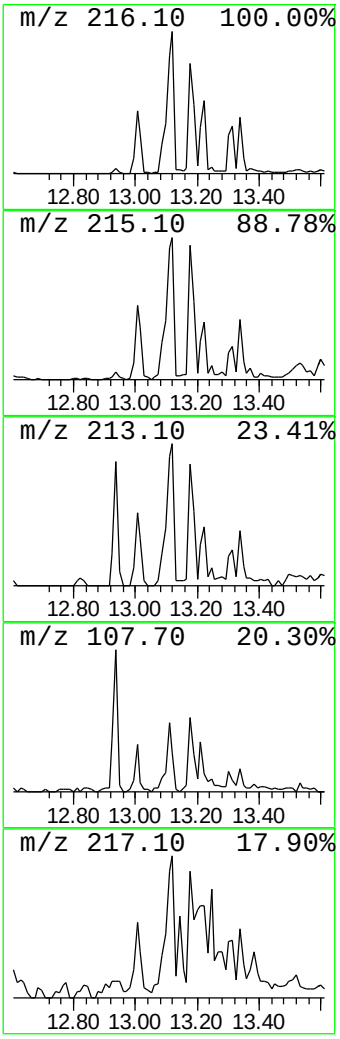
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	3.62 ng	331233	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BF087805.D
Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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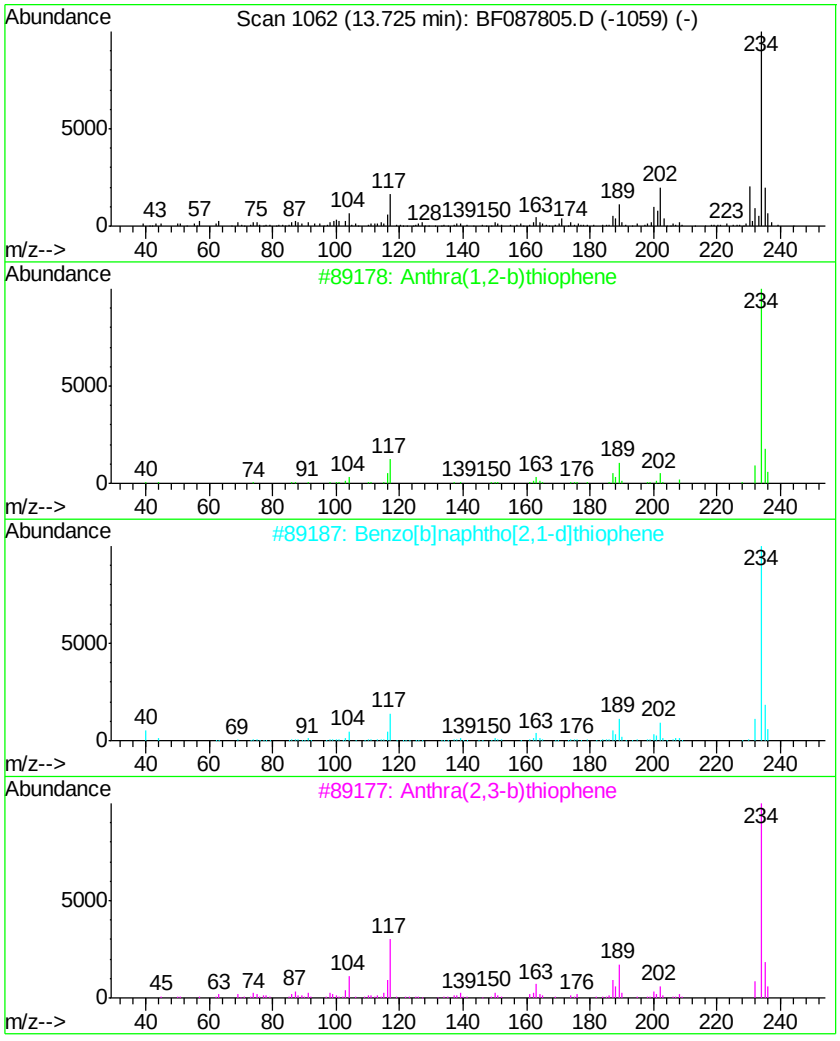
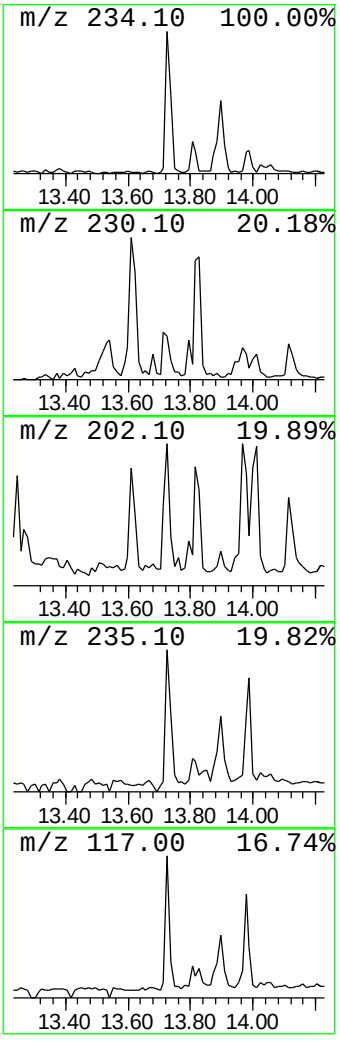
Peak Number 12 Anthra(1,2-b)thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.28 ng	208565	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	93
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89





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Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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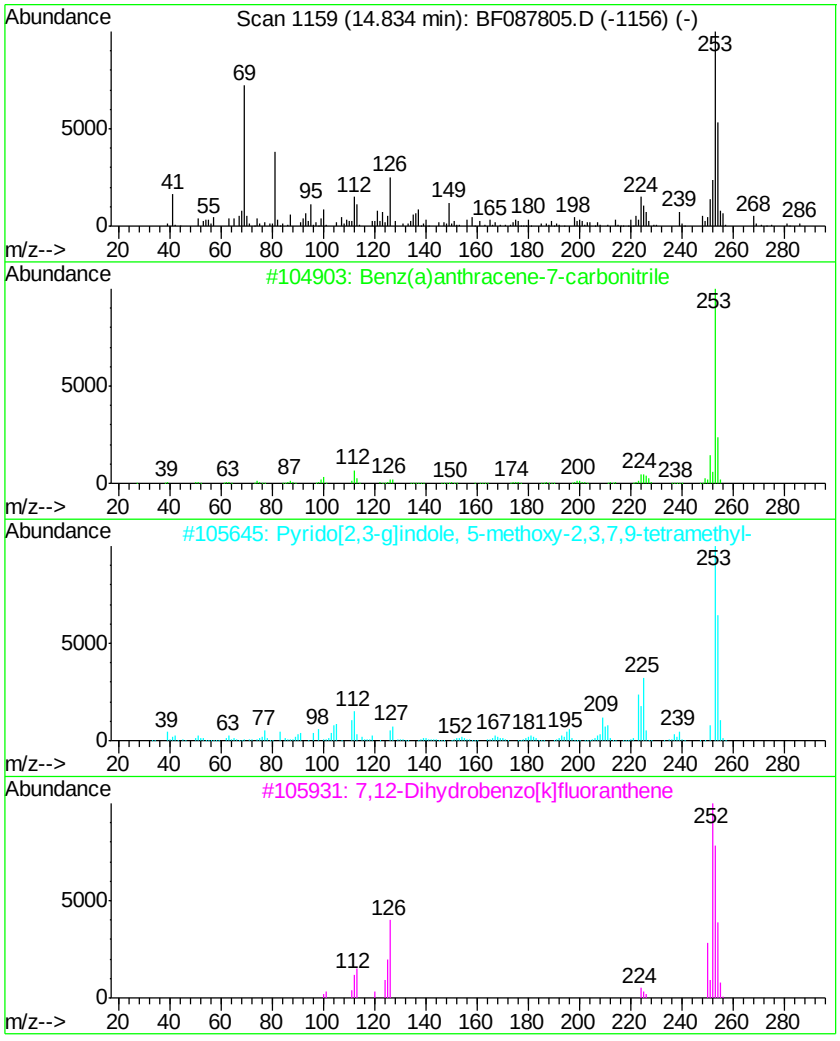
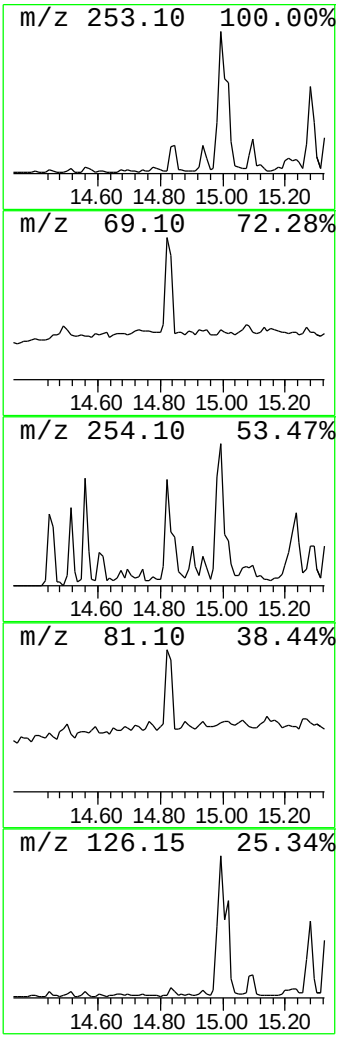
Peak Number 13 Benz(a)anthracene-7-carboni... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.87 ng	121400	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	52
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	50
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	47
5	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	47





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Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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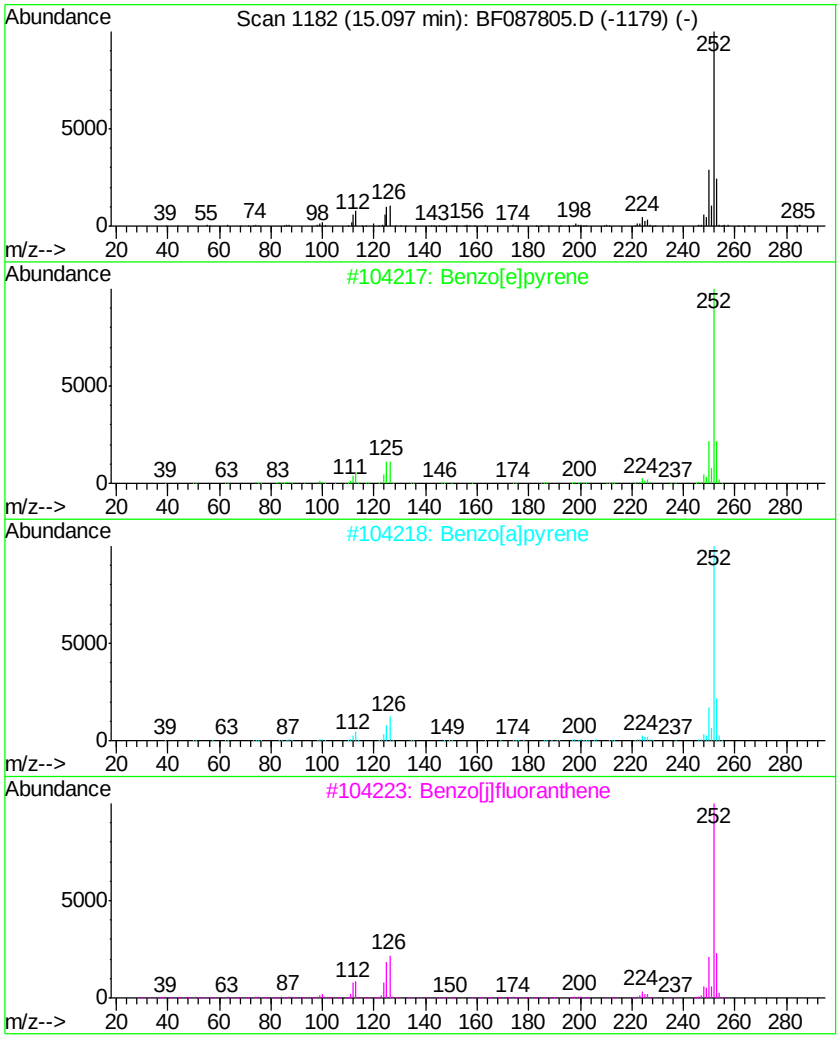
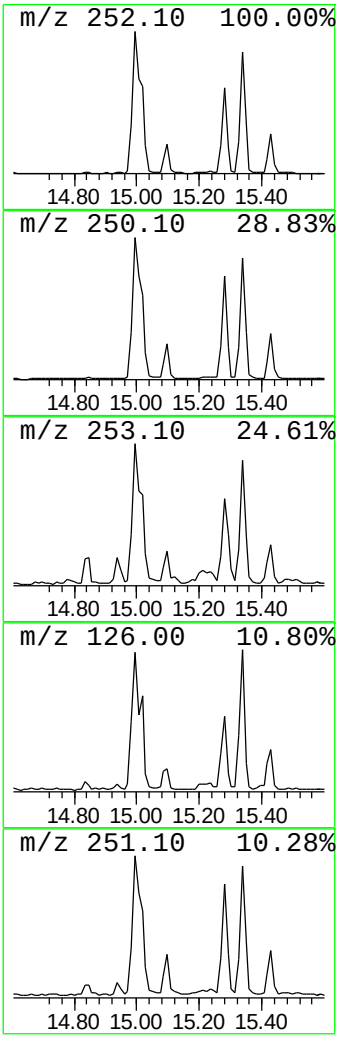
Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.58 ng	193391	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





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Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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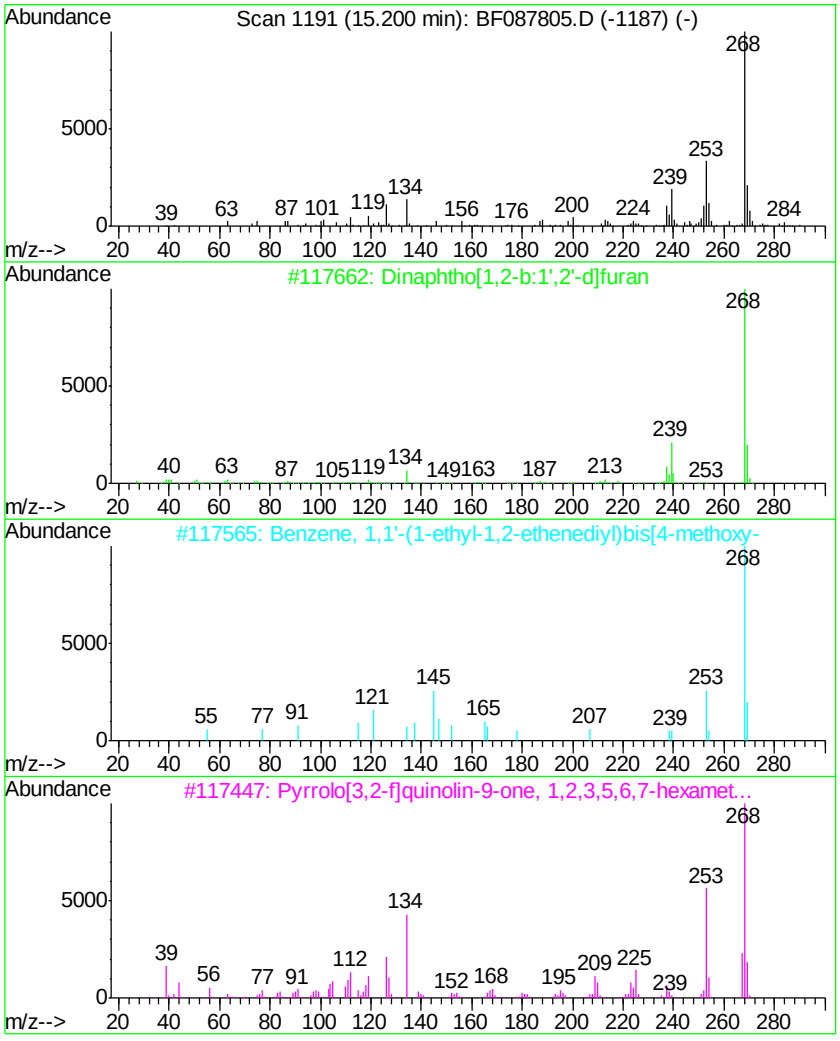
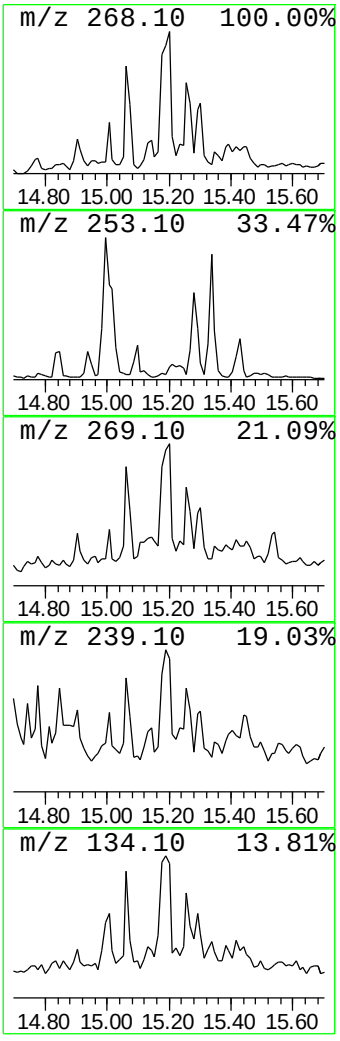
Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.22 ng	93612	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Benzene, 1,1'-(1-ethyl-1,2-ethen...	268	C18H20O2	025346-90-1	59
3	Pyrrolo[3,2-f]quinolin-9-one, 1,...	268	C17H20N2O	1000302-73-3	59
4	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	58
5	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	58





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Acq On : 8 Jun 2016 00:46
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Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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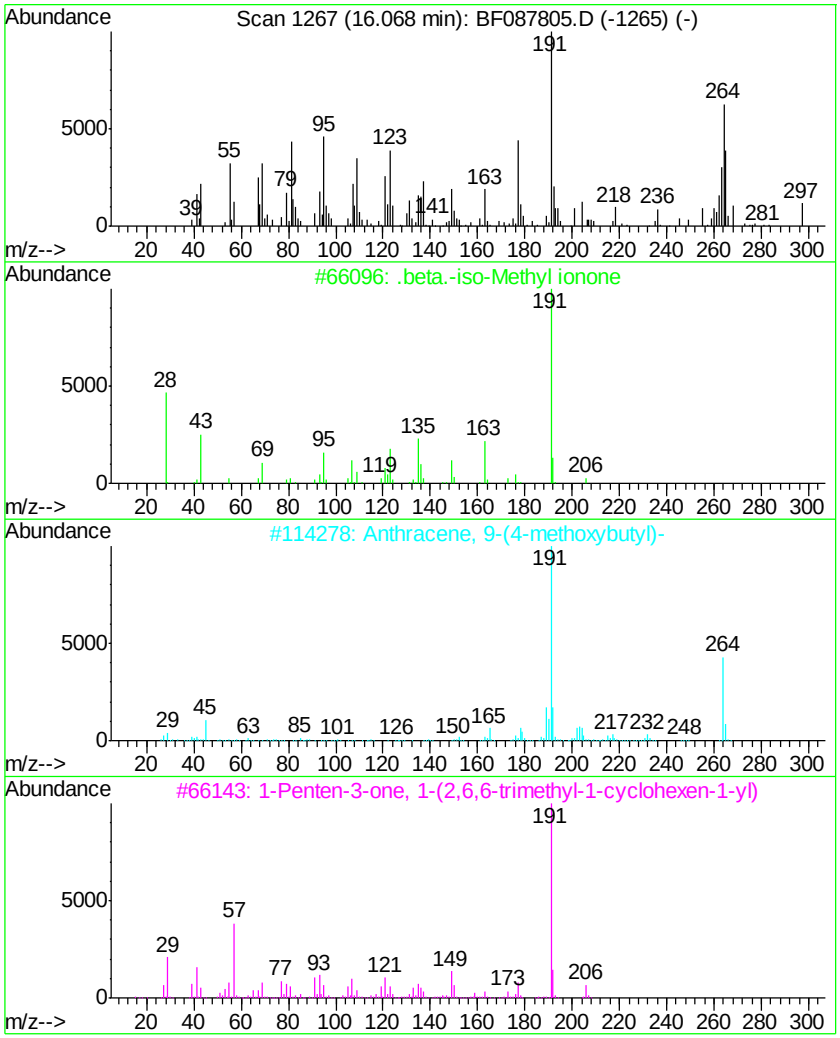
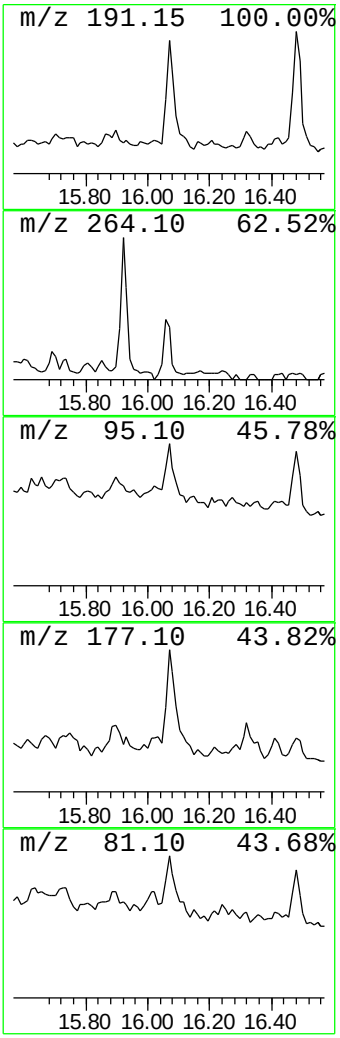
Peak Number 17 unknown16.07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.86 ng	120942	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	41
2	Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	27
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
4	Cyclopentene-1-carboxamide, 2-(1...	297	C18H23N3O	1000259-42-5	14
5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	11





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Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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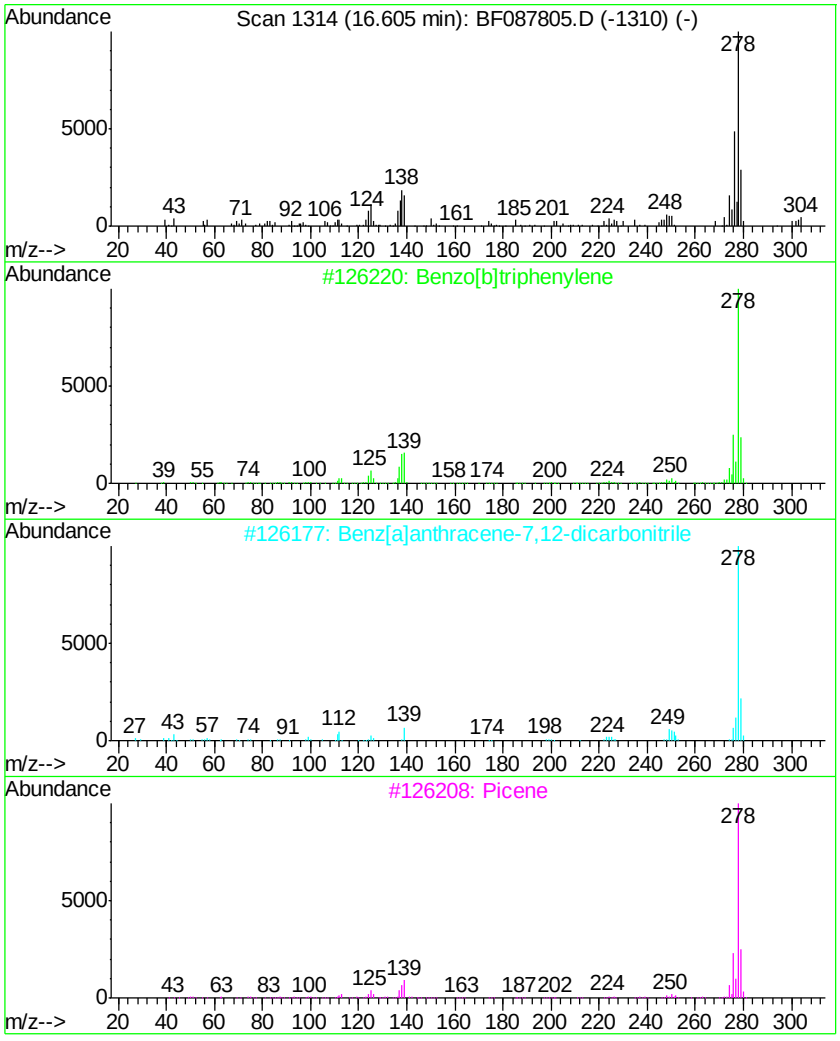
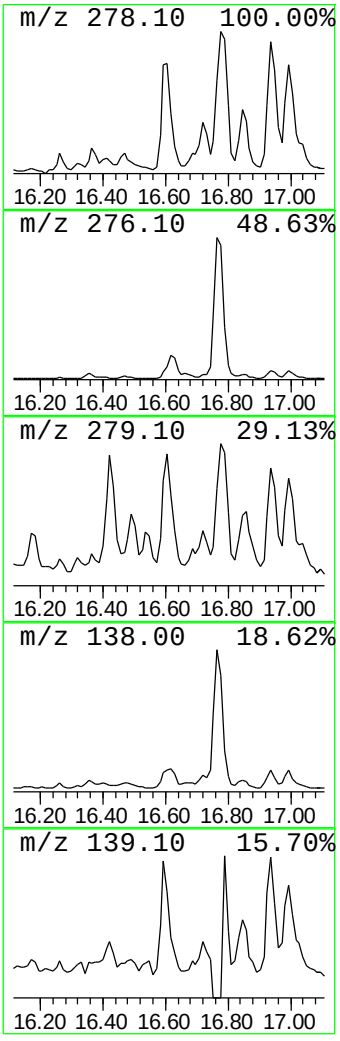
Peak Number 18 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	4.04 ng	170885	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	64
3	Picene	278	C22H14	000213-46-7	60
4	2,6-Dibromo-4-isopropylaniline	291	C9H11Br2N	010546-65-3	59
5	Pentaphene	278	C22H14	000222-93-5	52





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Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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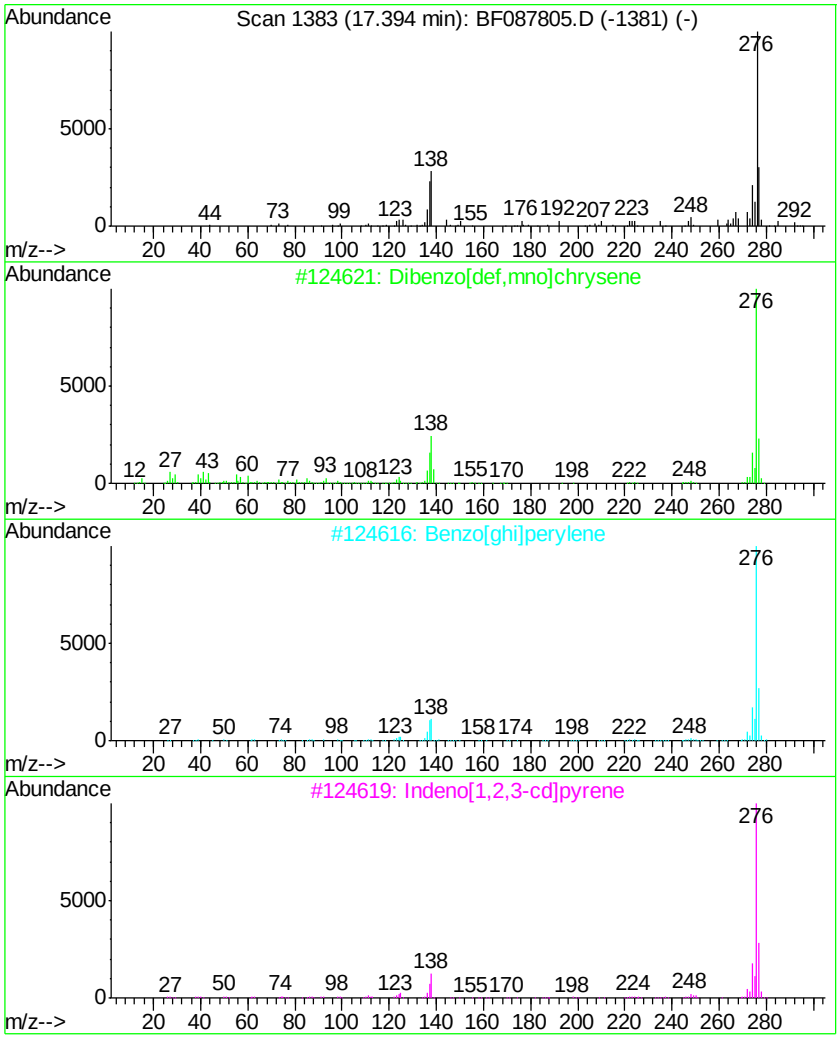
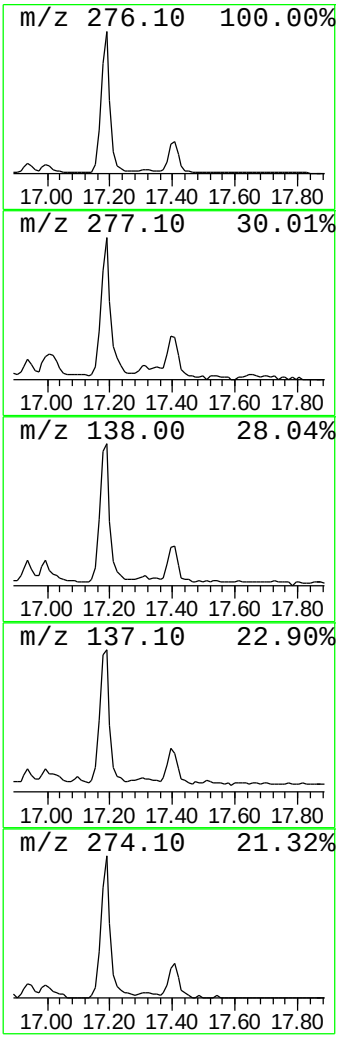
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	3.57 ng	151032	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	87
5	6H-Pyridazino[4.5-b]pyrimido[5.4...	276	C11H12N6OS	1000260-74-2	43





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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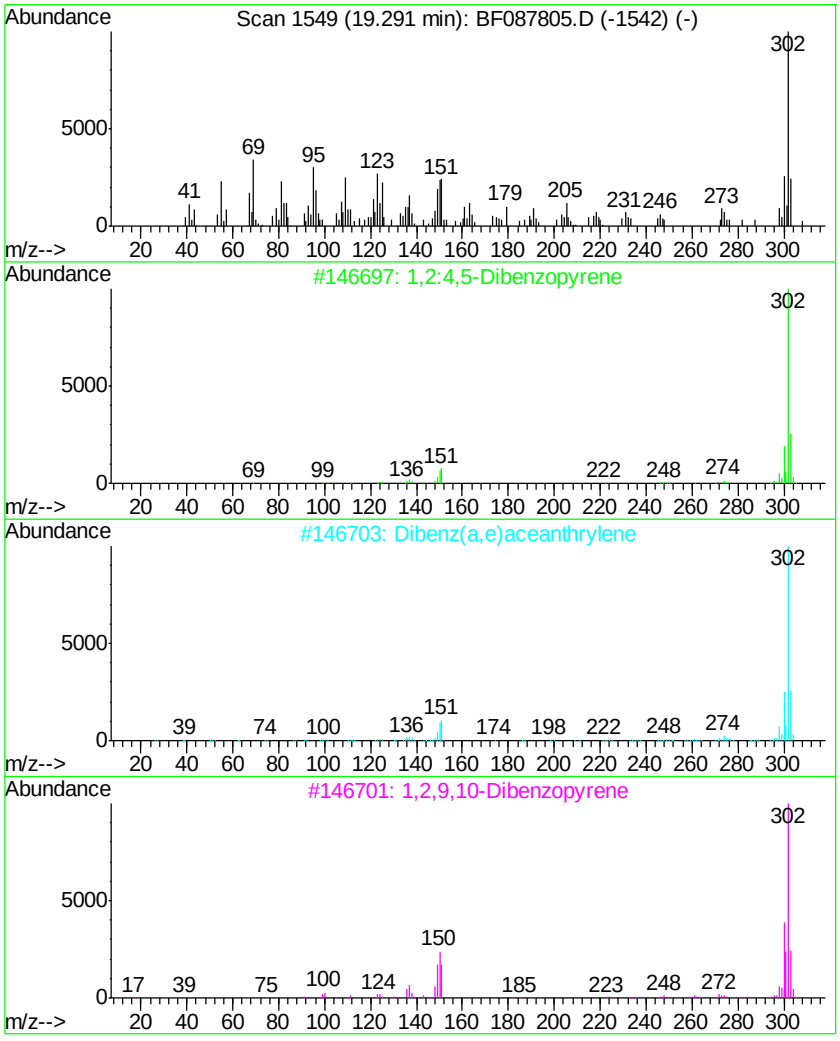
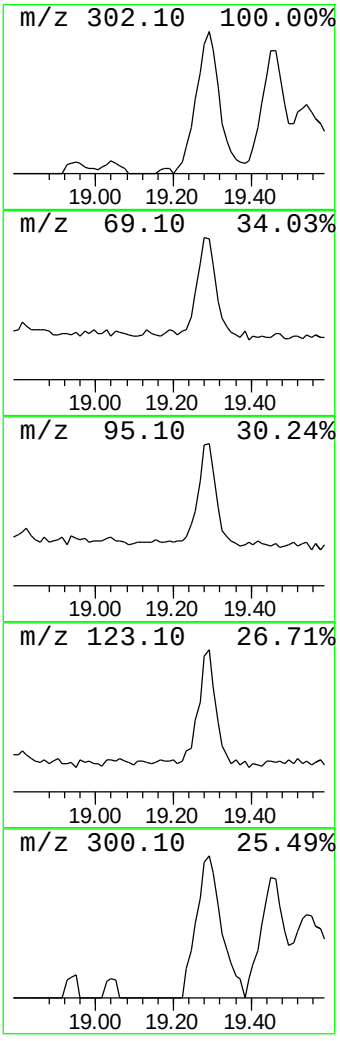
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	9.18 ng	387688	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
3	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	52
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060716\
Data File : BF087805.D
Acq On : 8 Jun 2016 00:46
Operator : UM/SJ
Sample : H3379-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Propane, 2,2-dime...	1.69	222.5	ng	6641520	1	6.84	597063	20.0
Propane, 1,1-dime...	2.09	5.2	ng	155424	1	6.84	597063	20.0
2-Pentanone, 4-hy...	5.03	7.2	ng	214942	1	6.84	597063	20.0
unknown6.60	6.60	72.4	ng	2161880	1	6.84	597063	20.0
Dibenzothiophene	11.24	2.4	ng	248484	4	11.36	2101350	20.0
4H-Cyclopenta[def...	11.97	3.4	ng	356320	4	11.36	2101350	20.0
11H-Benzo[a]fluorene	13.11	3.6	ng	331233	5	13.98	1829340	20.0
Anthra(1,2-b)thio...	13.73	2.3	ng	208565	5	13.98	1829340	20.0
Benz(a)anthracene...	14.83	2.9	ng	121400	6	15.39	844982	20.0
Benzo[e]pyrene	15.10	4.6	ng	193391	6	15.39	844982	20.0
Dinaphtho[1,2-b:1...	15.20	2.2	ng	93612	6	15.39	844982	20.0
unknown16.07	16.07	2.9	ng	120942	6	15.39	844982	20.0
Benzo[b]triphenylene	16.61	4.0	ng	170885	6	15.39	844982	20.0
Dibenzo[def,mno]c...	17.39	3.6	ng	151032	6	15.39	844982	20.0
1,2:4,5-Dibenzopy...	19.29	9.2	ng	387688	6	15.39	844982	20.0