LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088426.D
Acq On : 26 Jun 2016 18:57
Operator : UM/SJ
Sample : H3663-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.690	8	9	41	rVB	122808	311955	18.94%	1.297%
2	4.650	265	268	282	rBV	97949	173355	10.52%	0.721%
3	5.130	308	310	329	rBV	360966	709676	43.08%	2.951%
4	6.205	402	404	412	rBV	394544	710920	43.16%	2.957%
5	6.319	412	414	431	rVV	684879	833125	50.58%	3.465%
6	6.547	431	434	445	rVV	354240	403988	24.53%	1.680%
7	6.696	445	447	461	rVB	537179	589603	35.79%	2.452%
8	7.119	482	484	501	rBV	397026	487974	29.62%	2.029%
9	7.828	544	546	559	rBV	393865	606150	36.80%	2.521%
10	8.548	607	609	615	rBV	44231	44294	2.69%	0.184%
11	8.639	615	617	624	rVB	34615	44883	2.72%	0.187%
12	8.913	638	641	643	rBV	778016	859535	52.18%	3.575%
13	9.245	667	670	671	rVV	41158	47377	2.88%	0.197%
14	9.268	671	672	674	rVV	32621	29104	1.77%	0.121%
15	9.313	674	676	678	rVV	120996	101165	6.14%	0.421%
16	9.359	678	680	684	rVV	25083	33130	2.01%	0.138%
17	9.576	696	699	701	rBV	753153	682530	41.44%	2.838%
18	9.611	701	702	706	rVV	79784	70617	4.29%	0.294%
19	9.782	715	717	719	rBV	75577	72580	4.41%	0.302%
20	10.125	745	747	750	rVB	38277	53489	3.25%	0.222%
21	10.285	759	761	763	rVB	32201	44528	2.70%	0.185%
22	10.365	765	768	771	rBV	525265	562965	34.18%	2.341%
23	10.491	777	779	782	rVB2	26244	32250	1.96%	0.134%
24	10.674	790	795	798	rBV4	17186	38312	2.33%	0.159%
25	10.799	803	806	811	rBV2	28878	82306	5.00%	0.342%
26	10.868	811	812	814	rVV	35613	36800	2.23%	0.153%
27	10.902	814	815	817	rVV	34538	43829	2.66%	0.182%
28	10.948	817	819	826	rVB2	67256	97976	5.95%	0.407%
29	11.074	826	830	833	rBV2	836974	1448203	87.92%	6.023%
30	11.131	833	835	837	rVV	180808	215315	13.07%	0.895%
31	11.302	846	850	853	rBV3	60380	116812	7.09%	0.486%
32	11.554	869	872	873	rBV	127767	134899	8.19%	0.561%
33	11.576	873	874	877	rVB	181741	187271	11.37%	0.779%
34	11.622	877	878	880	rBV	53037	72730	4.42%	0.302%

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

35	11.656	880	881	887	rVB2	159257	287941	17.48%	1.197%
36	11.851	896	898	900	rVB	62363	83035	5.04%	0.345%
37	11.988	908	910	912	rBV2	23510	34077	2.07%	0.142%
38	12.102	917	920	921	rBV	72081	100787	6.12%	0.419%
39	12.137	921	923	926	rVB3	33020	66960	4.07%	0.278%
40	12.194	926	928	931	rVB2	48841	76480	4.64%	0.318%
41	12.262	931	934	936	rBV	826487	1079160	65.52%	4.488%
42	12.308	936	938	944	rVB4	29015	74685	4.53%	0.311%
43	12.399	944	946	948	rBV2	37734	53054	3.22%	0.221%
44	12.479	950	953	956	rBV2	789485	983806	59.73%	4.091%
45	12.537	956	958	962	rVB2	66994	108117	6.56%	0.450%
46	12.628	964	966	970	rVB	700559	763832	46.37%	3.177%
47	12.697	970	972	975	rBV2	64887	109269	6.63%	0.454%
48	12.811	978	982	984	rBV2	117516	213919	12.99%	0.890%
49	12.879	984	988	989	rBV	61887	73715	4.48%	0.307%
50	12.914	989	991	995	rBV	120298	155199	9.42%	0.645%
51	13.005	997	999	1000	rVB	61642	45594	2.77%	0.190%
52	13.039	1000	1002	1007	rVB3	54057	104171	6.32%	0.433%
53	13.177	1012	1014	1015	rBV2	20115	37893	2.30%	0.158%
54	13.325	1026	1027	1030	rVB	78977	84311	5.12%	0.351%
55	13.428	1033	1036	1039	rBV2	128807	223200	13.55%	0.928%
56	13.474	1039	1040	1044	rVB3	82569	129282	7.85%	0.538%
57	13.542	1044	1046	1049	rVB	58022	72653	4.41%	0.302%
58	13.600	1049	1051	1054	rVB	31146	41686	2.53%	0.173%
59	13.680	1054	1058	1059	rBV2	650715	1275314	77.42%	5.304%
60	13.702	1059	1060	1065	rVB	763814	854861	51.90%	3.555%
61	13.782	1065	1067	1069	rVB	61201	67213	4.08%	0.280%
62	13.840	1069	1072	1075	rBV3	33880	76538	4.65%	0.318%
63	13.885	1075	1076	1078	rBV	48245	70266	4.27%	0.292%
64	14.068	1087	1092	1093	rBV2	98739	210804	12.80%	0.877%
65	14.102	1093	1095	1096	rVV	50712	76185	4.63%	0.317%
66	14.160	1096	1100	1101	rVV3	50366	122332	7.43%	0.509%
67	14.205	1101	1104	1106	rVV3	48873	99963	6.07%	0.416%
68	14.262	1106	1109	1112	rVB2	44327	65583	3.98%	0.273%
69	14.388	1116	1120	1123	rBV4	33574	91409	5.55%	0.380%
70	14.445	1123	1125	1129	rVB3	22353	59237	3.60%	0.246%
71	14.537	1132	1133	1135	rBV	75934	95624	5.81%	0.398%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

Integration Parameters: rteint.p
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.582	1135	1137	1139	rVB3	23355	29320	1.78%	0.122%
73	14.628	1139	1141	1143	rBV2	22675	46535	2.83%	0.194%
74	14.674	1143	1145	1151	rBV	951555	1647189	100.00%	6.850%
75	14.765	1151	1153	1155	rVB	78731	74828	4.54%	0.311%
76	14.834	1157	1159	1161	rBV3	37062	68596	4.16%	0.285%
77	14.880	1161	1163	1165	rVV2	24991	41694	2.53%	0.173%
78	14.925	1165	1167	1170	rVV	533847	627440	38.09%	2.609%
79	14.983	1170	1172	1174	rVV	415699	564501	34.27%	2.348%
80	15.028	1174	1176	1182	rVB2	345242	615731	37.38%	2.561%
81	15.177	1187	1189	1190	rVV	49063	74202	4.50%	0.309%
82	15.211	1190	1192	1197	rVV4	46619	160611	9.75%	0.668%
83	15.291	1197	1199	1201	rVV	40440	77652	4.71%	0.323%
84	15.394	1205	1208	1210	rVV2	26750	59484	3.61%	0.247%
85	15.463	1210	1214	1216	rVV4	25002	84340	5.12%	0.351%
86	15.497	1216	1217	1221	rVV2	29777	62611	3.80%	0.260%
87	15.565	1221	1223	1227	rVB3	19335	38199	2.32%	0.159%
88	15.771	1239	1241	1246	rBV3	9945	28940	1.76%	0.120%
89	16.011	1259	1262	1264	rVB2	17512	31726	1.93%	0.132%
90	16.091	1265	1269	1270	rBV3	36989	68700	4.17%	0.286%
91	16.125	1270	1272	1275	rVB	31948	48649	2.95%	0.202%
92	16.251	1280	1283	1288	rBV	247998	508195	30.85%	2.113%
93	16.400	1292	1296	1298	rBV	40012	88586	5.38%	0.368%
94	16.446	1298	1300	1303	rVB2	39704	69795	4.24%	0.290%
95	16.617	1312	1315	1325	rVB	206398	404718	24.57%	1.683%
96	16.834	1331	1334	1341	rVB2	28037	86230	5.23%	0.359%
97	17.611	1398	1402	1410	rVB6	7856	30535	1.85%	0.127%
98	18.491	1474	1479	1486	rBV	30058	116938	7.10%	0.486%
99	18.663	1490	1494	1498	rBV2	24066	84785	5.15%	0.353%
100	19.463	1559	1564	1568	rBV2	14285	57336	3.48%	0.238%

Sum of corrected areas: 24045867

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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Misc :
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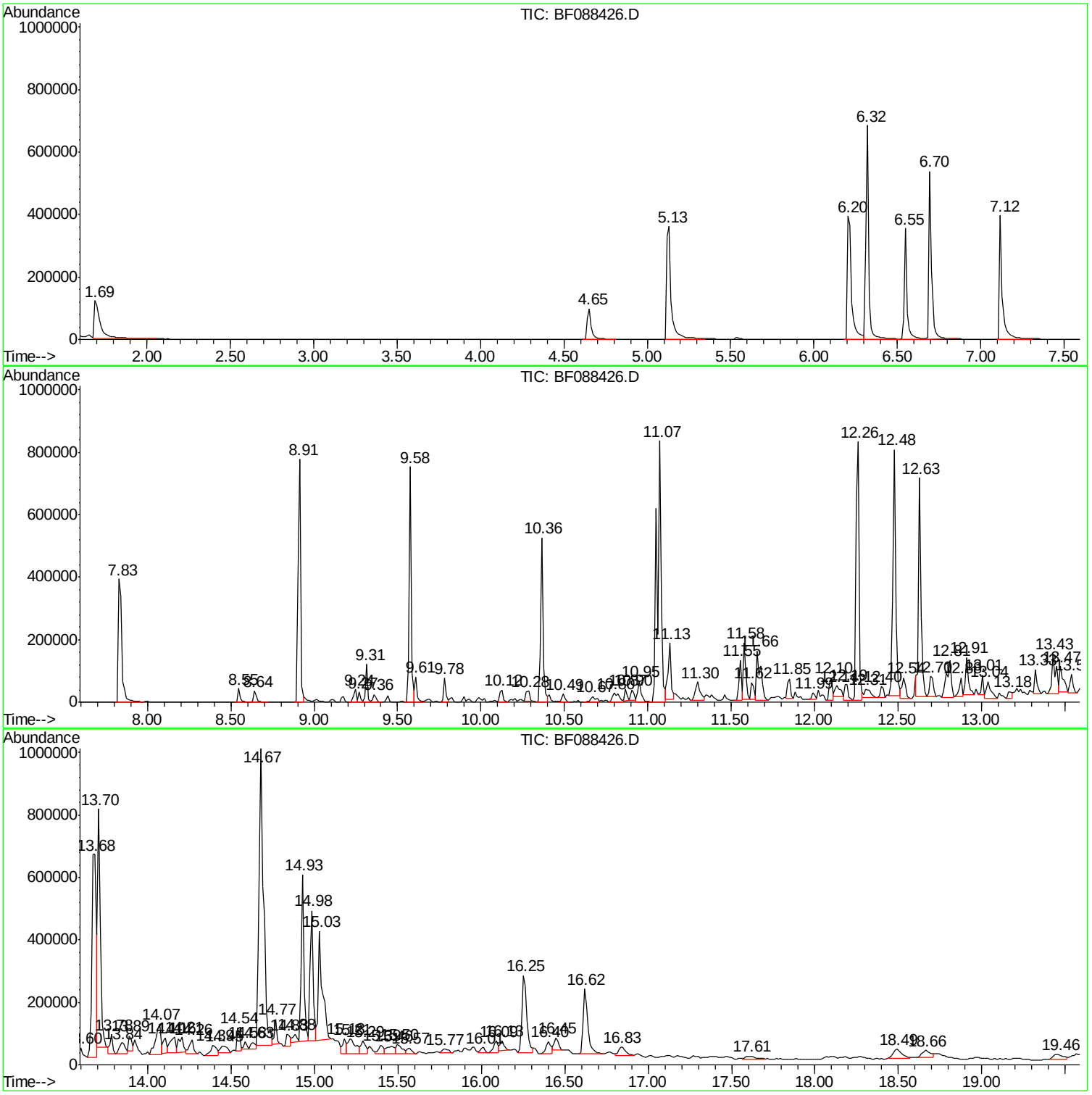
Instrument :
BNA_F
ClientSampleId :
TP-10

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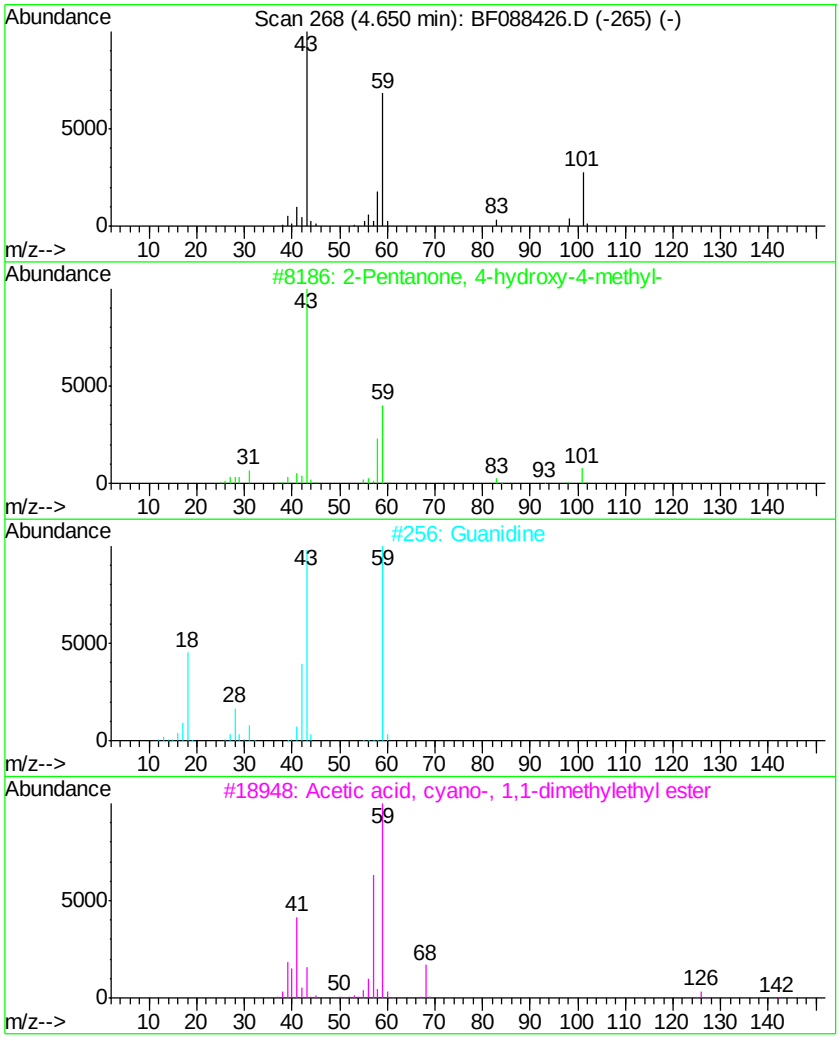
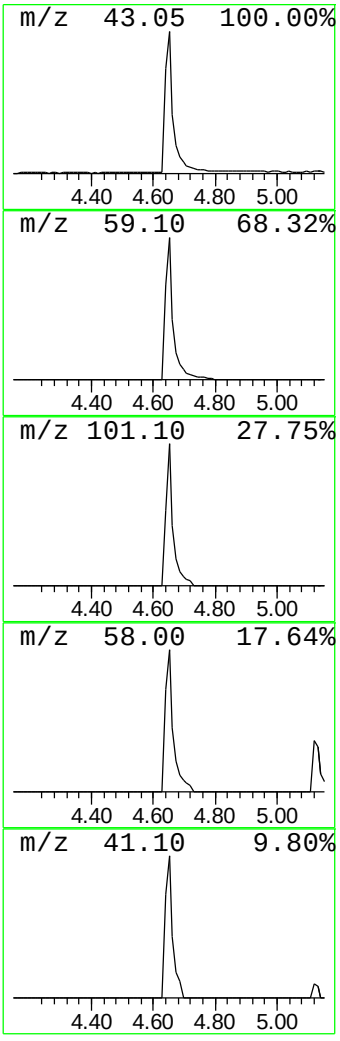
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	8.58 ng	173355	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	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : H3663-17 2X
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Instrument : BNA_F
ClientSampleId : TP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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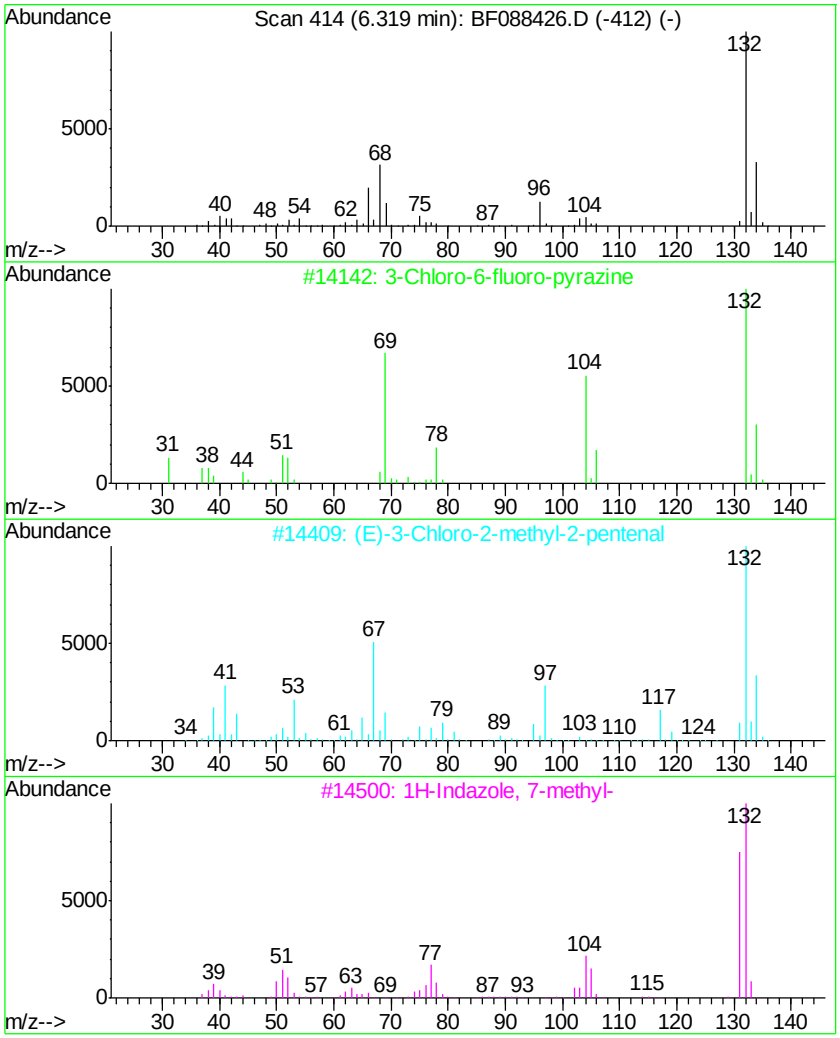
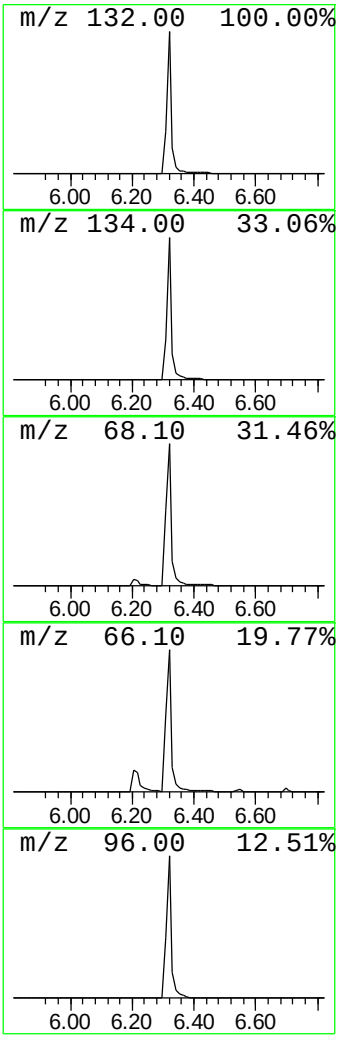
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	41.25 ng	833125	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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

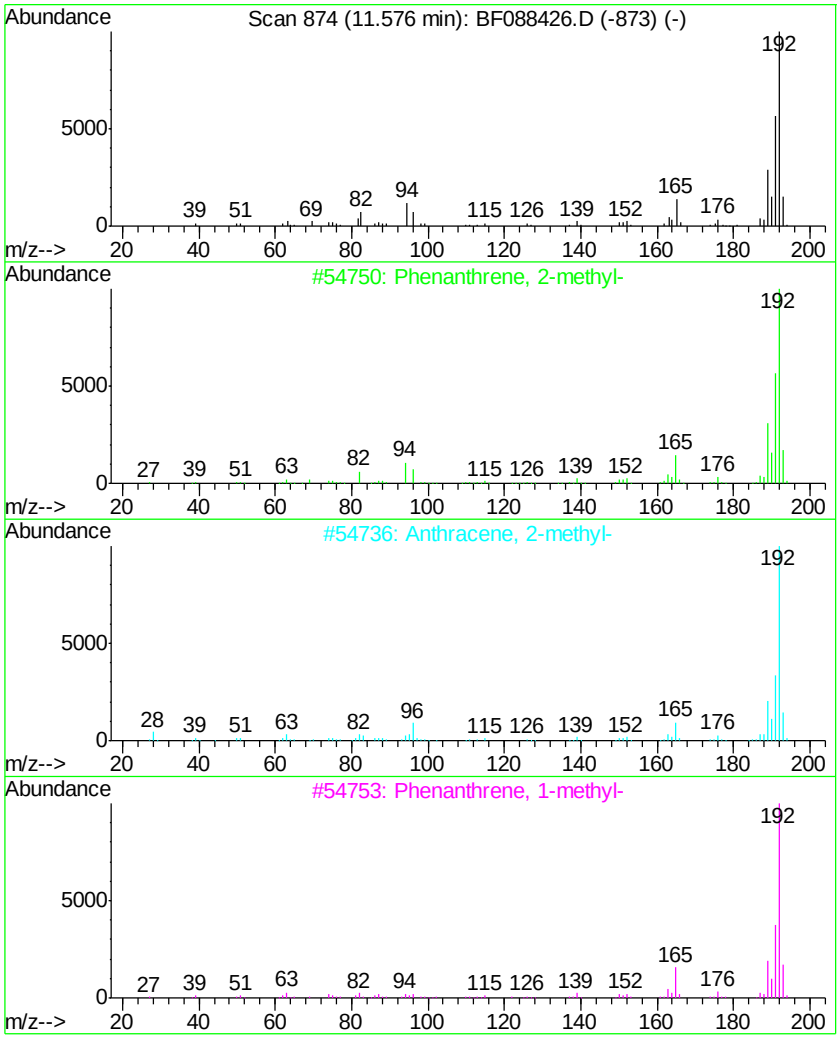
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

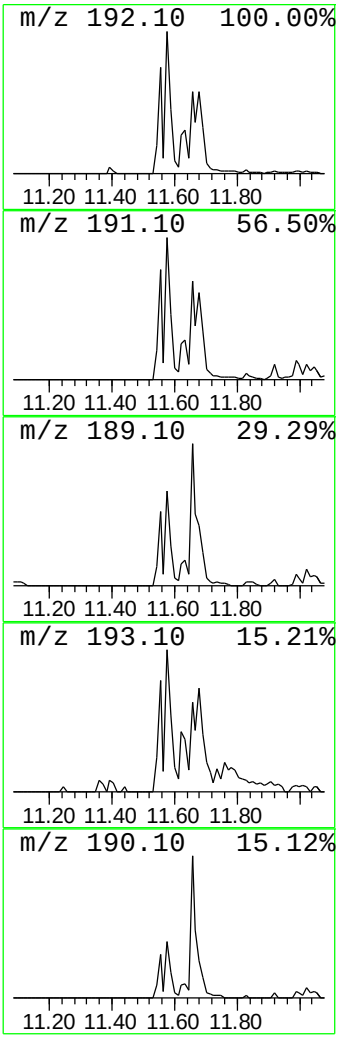
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.59 ng	187271	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Instrument : BNA_F
ClientSampleId : TP-10

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

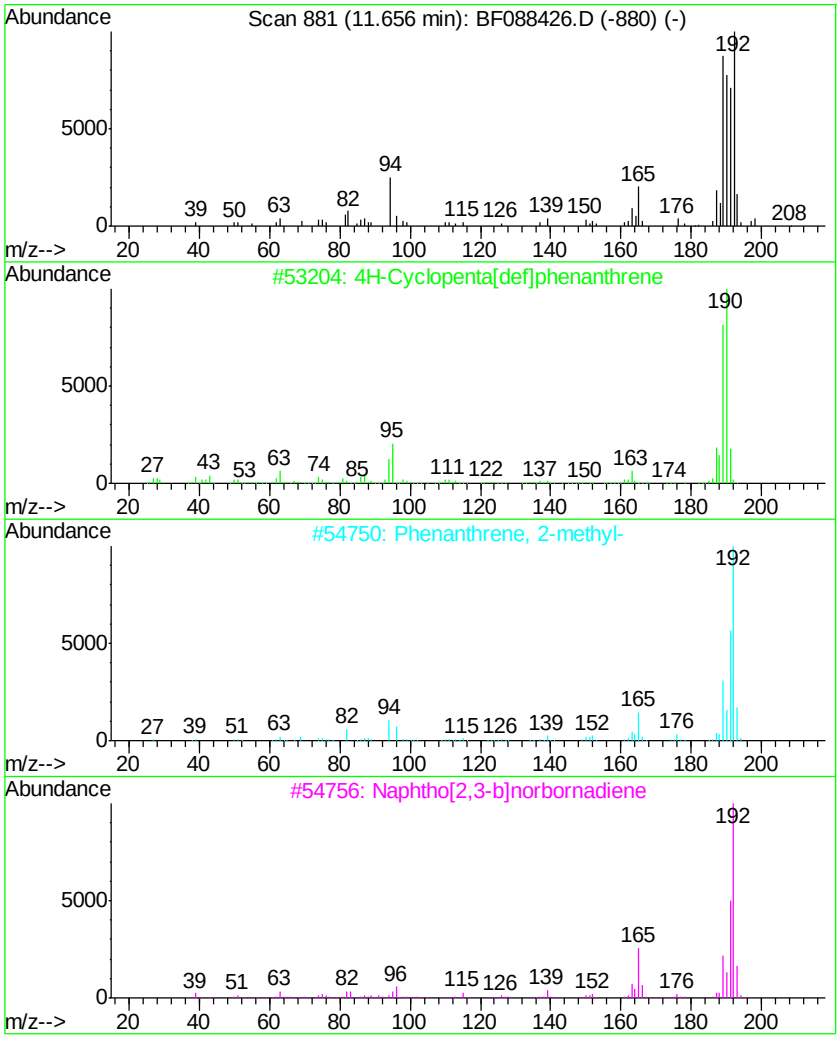
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

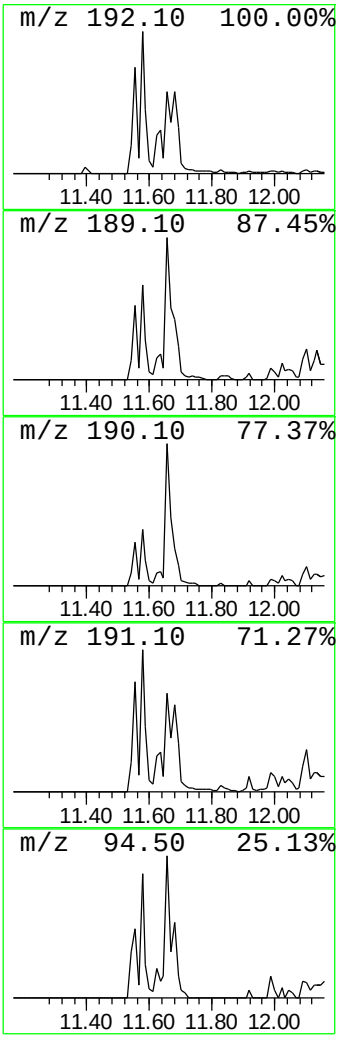
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.98 ng	287941	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Sample : H3663-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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

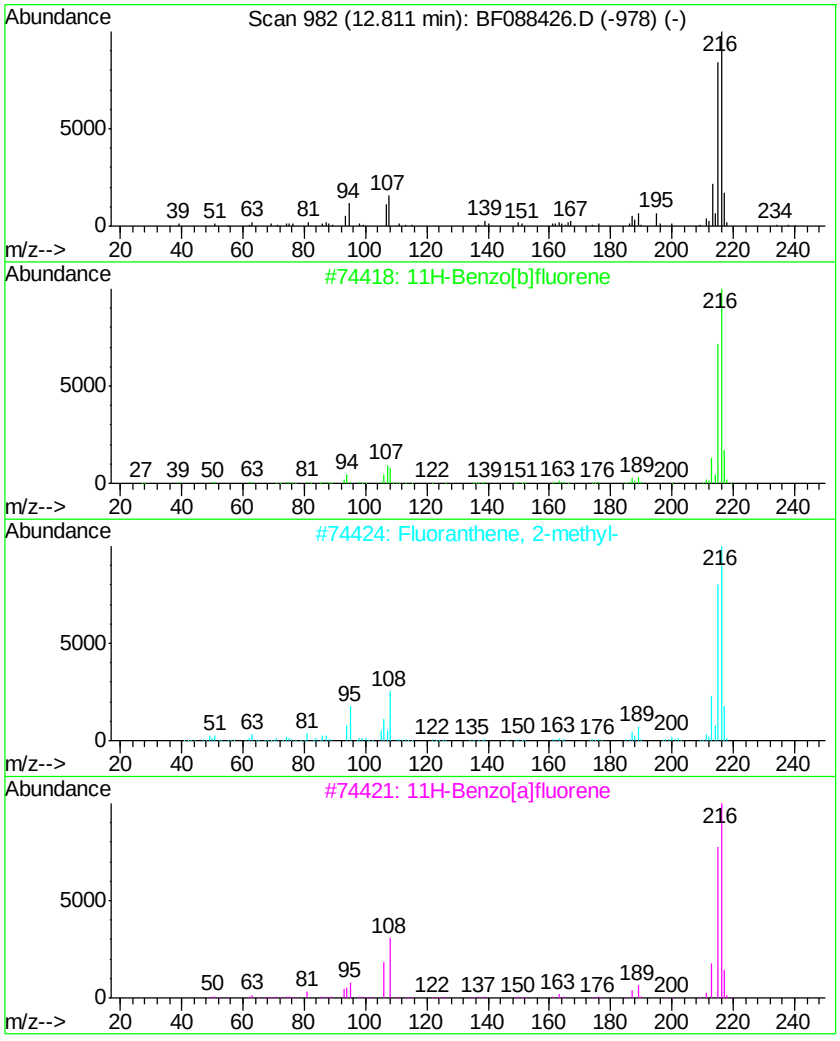
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

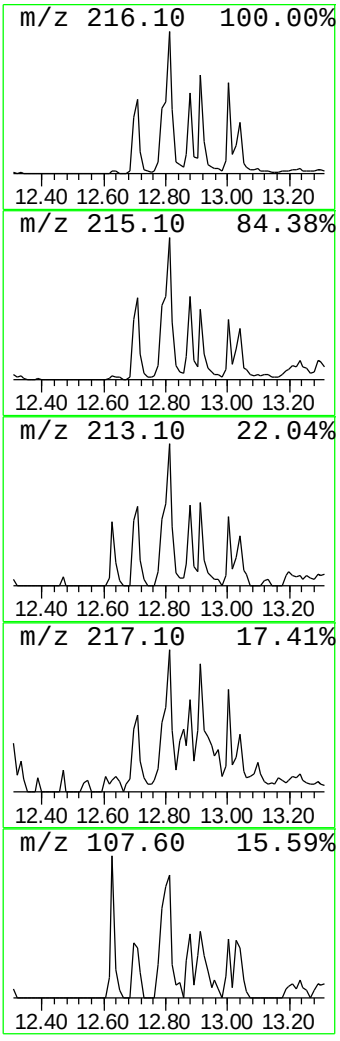
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.35 ng	213919	Chrysene-d12	13.68

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	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Instrument : BNA_F
ClientSampleId : TP-10

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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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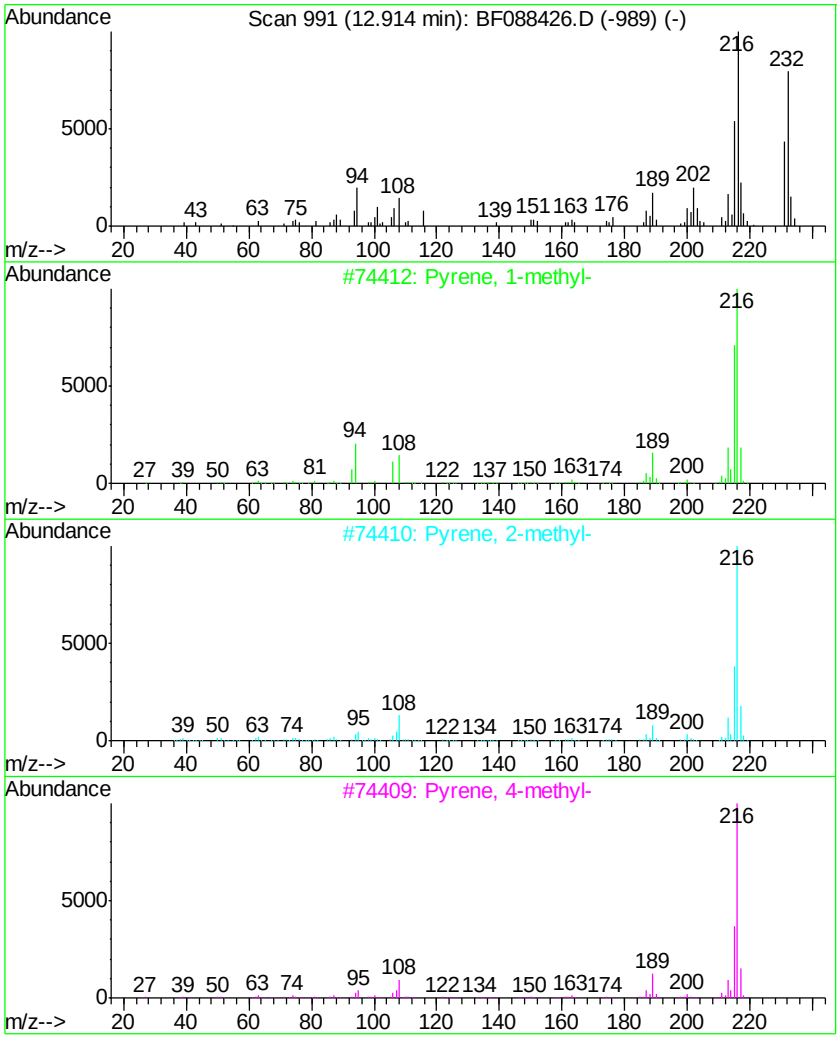
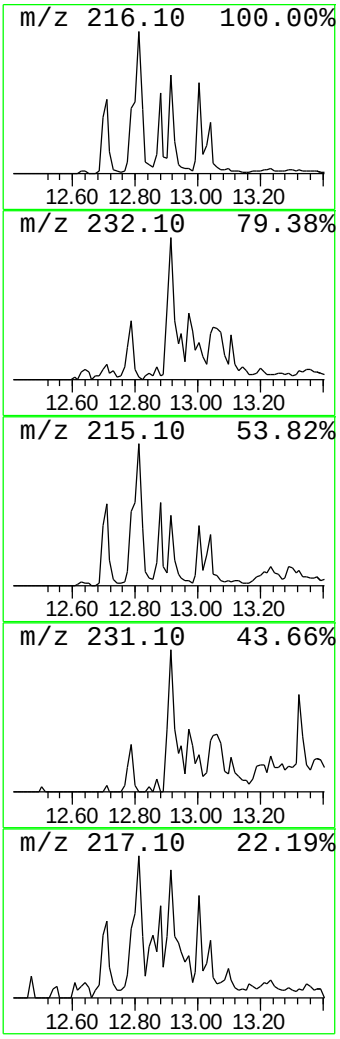
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.43 ng	155199	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	38
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	38
5	all-trans-1,6-Diphenyl-1,3,5-hex...	232	C18H16	017329-15-6	35





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Operator : UM/SJ
Sample : H3663-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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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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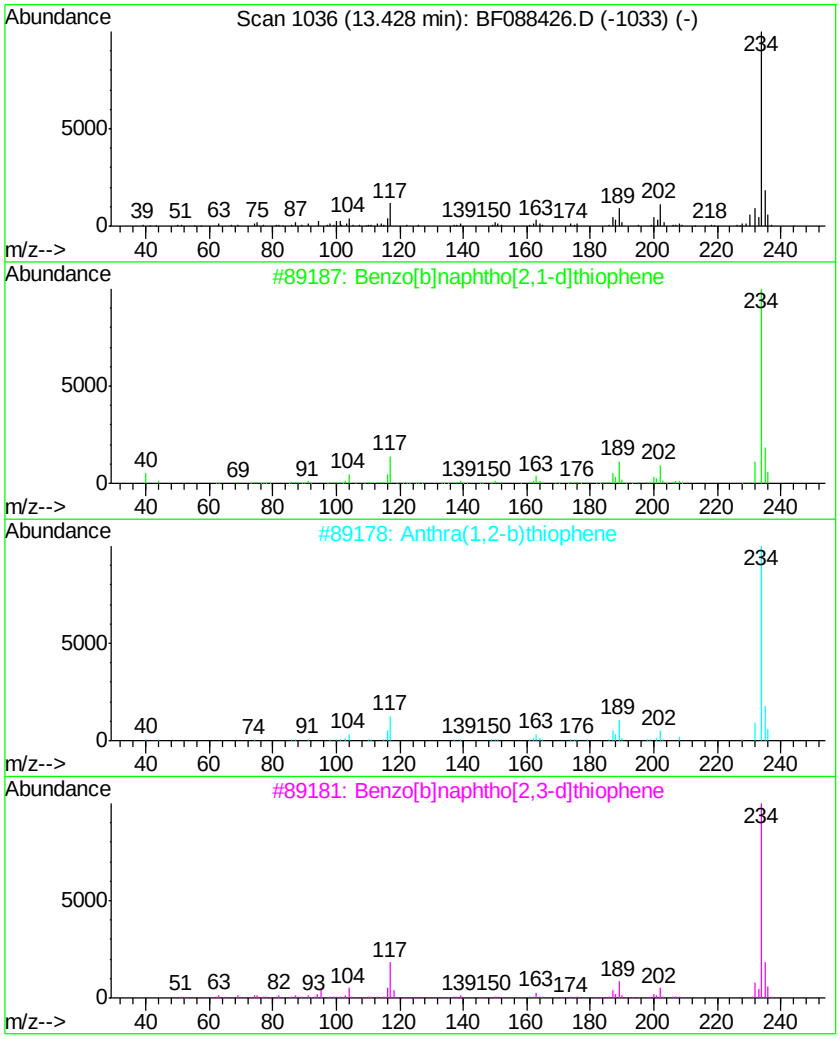
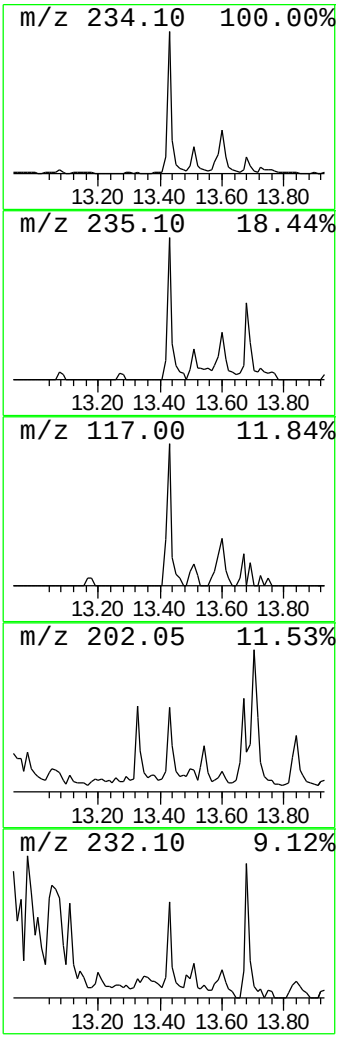
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.50 ng	223200	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	97
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87





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ClientSampleId : TP-10

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TIC Library : C:\Database\NIST11.L
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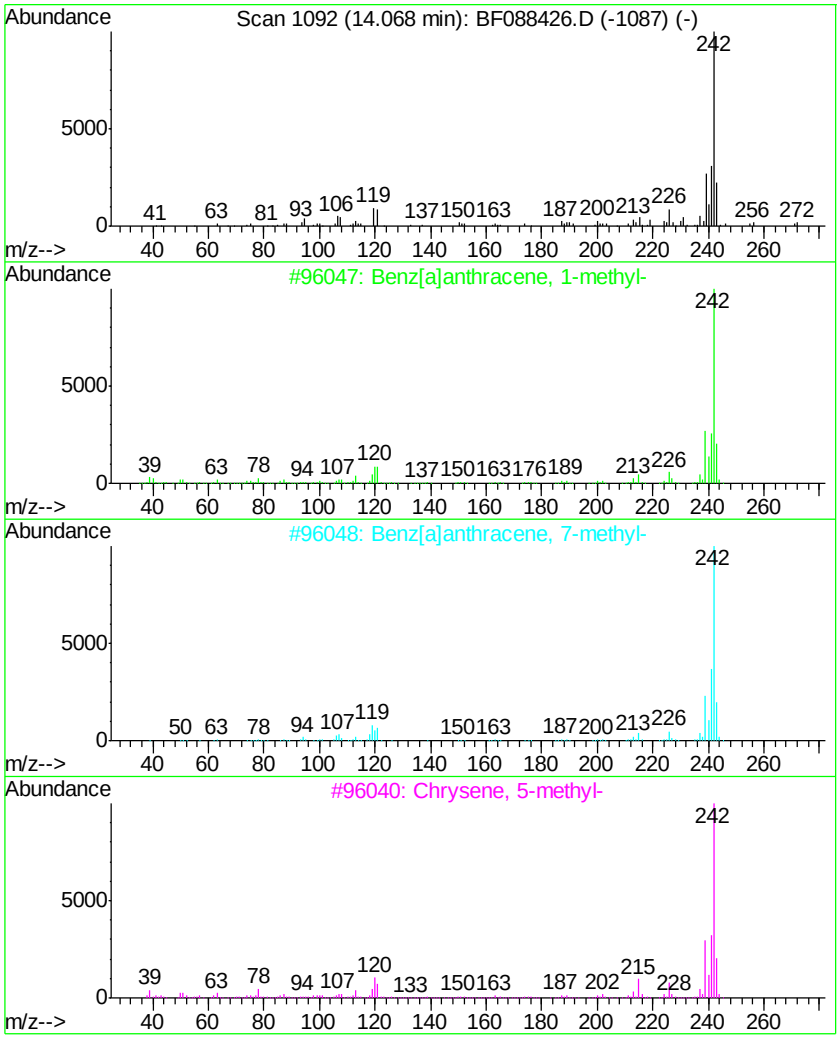
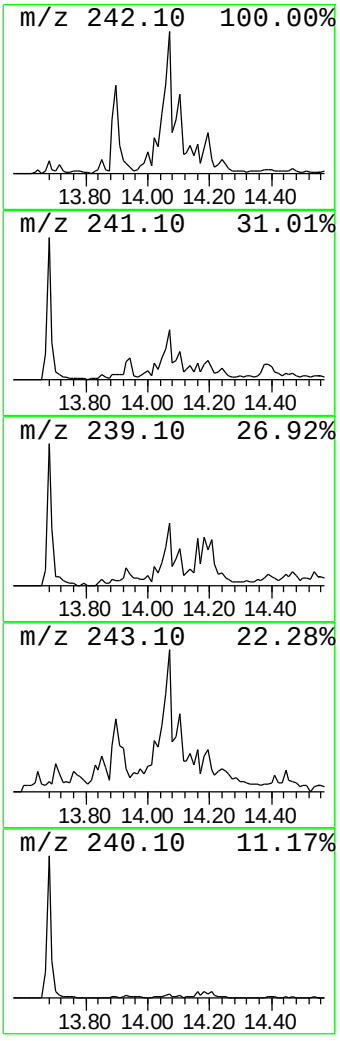
Peak Number 10 Benz[a]anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.31 ng	210804	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89





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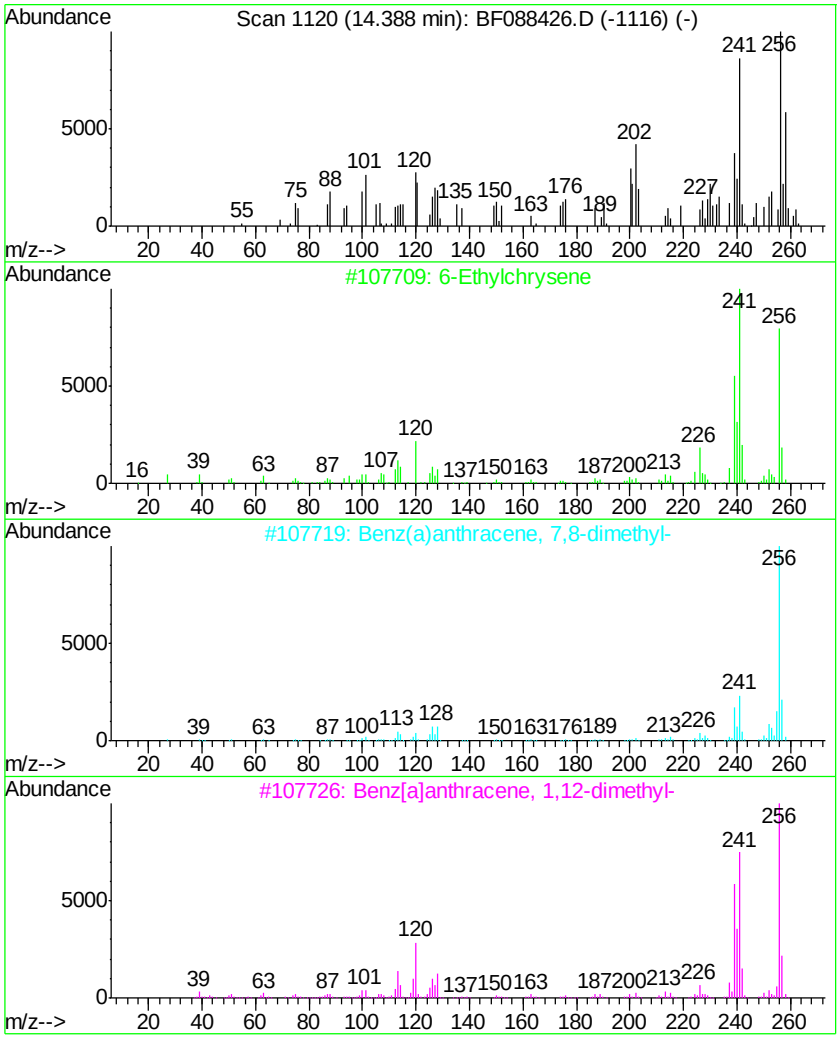
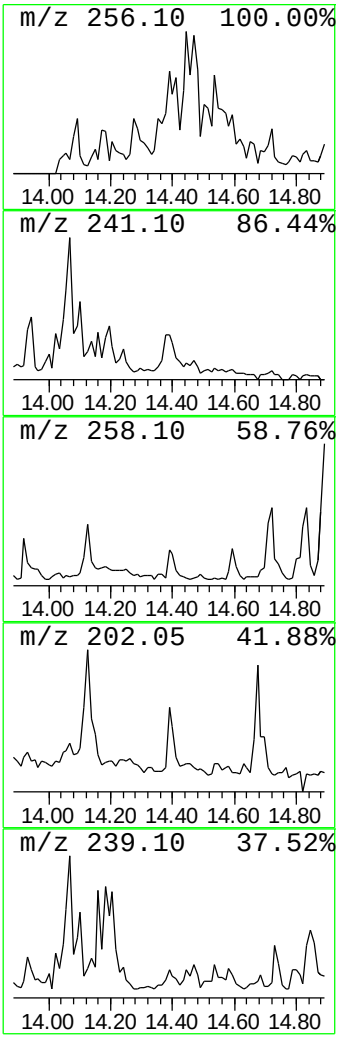
Peak Number 11 6-Ethylchrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.97 ng	91409	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Ethylchrysene	256	C20H16	1000342-58-3	58
2	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	53
3	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	53
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	46
5	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	45





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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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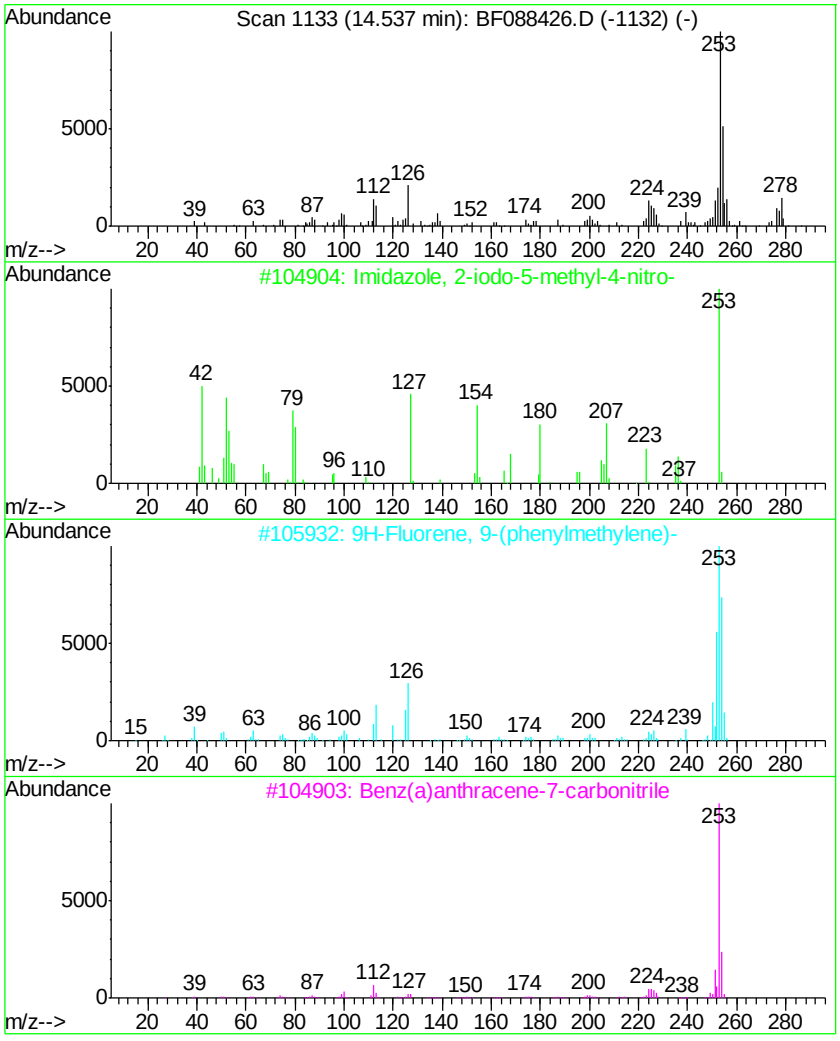
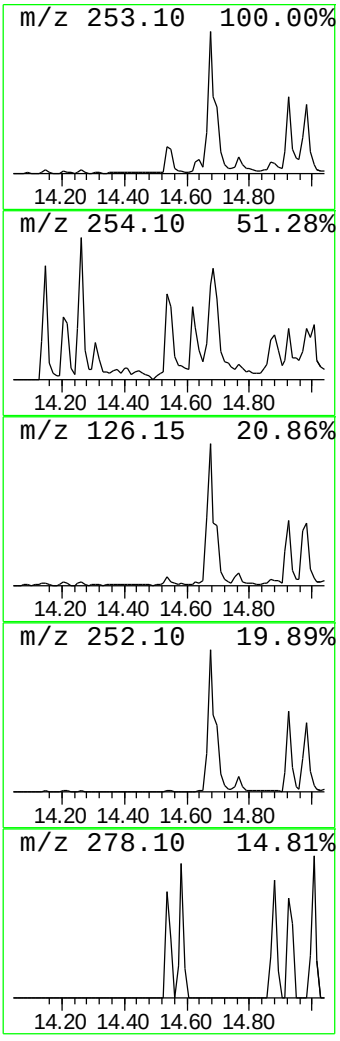
Peak Number 12 Imidazole, 2-iodo-5-methyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.11 ng	95624	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	83
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	70
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	46
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	43





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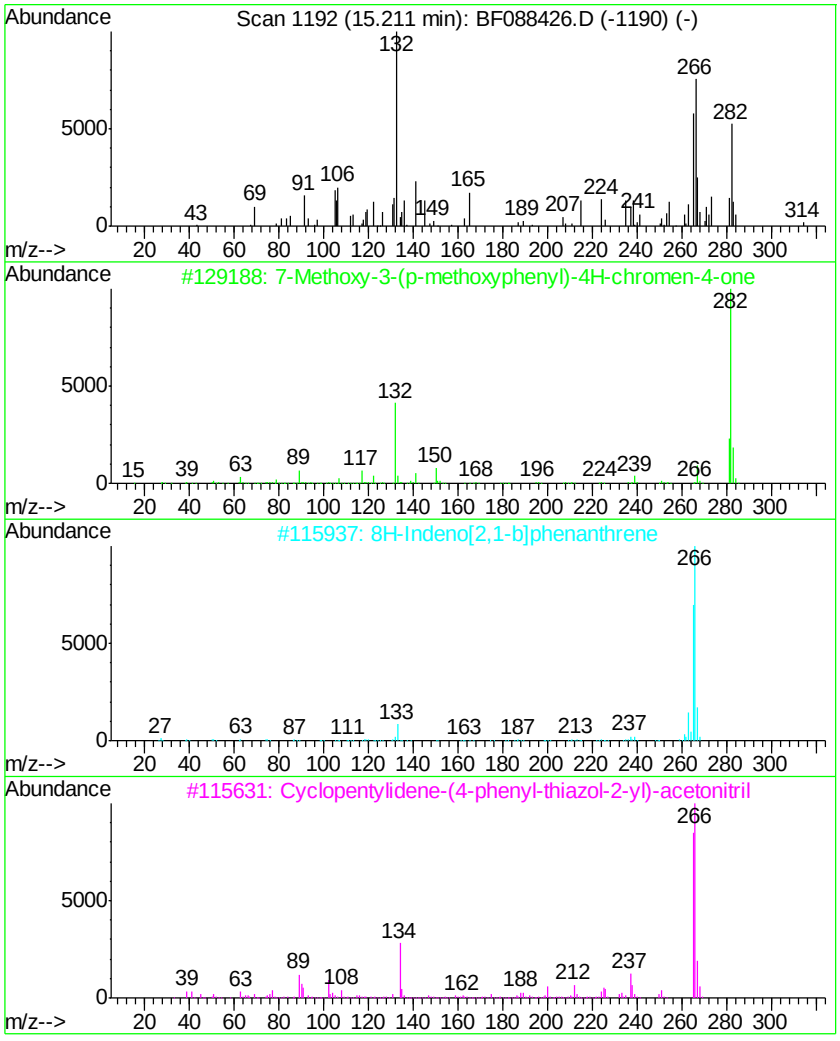
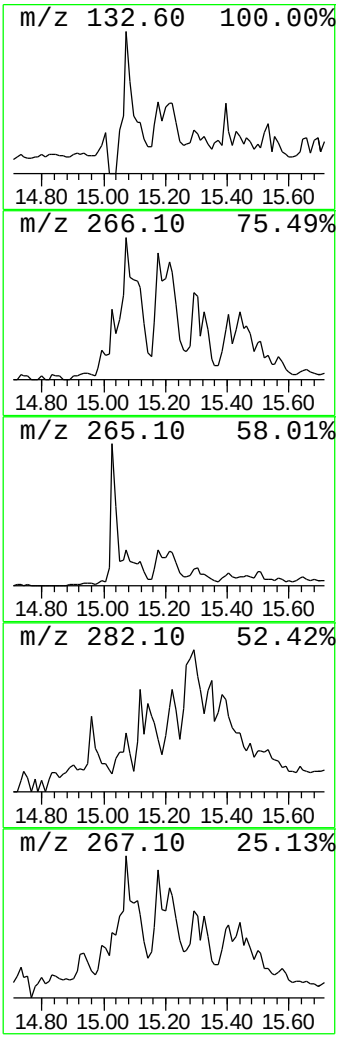
Peak Number 14 unknown15.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	5.22 ng	160611	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxy-3-(p-methoxyphenyl)-4H...	282	C17H14O4	001157-39-7	35
2	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	35
3	Cyclopentylidene-(4-phenyl-thiaz...	266	C16H14N2S	1000300-05-0	30
4	1-Methyl-4-oxy-5-phenyl-1,3-dihy...	266	C16H14N2O2	1000286-08-5	27
5	Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	27





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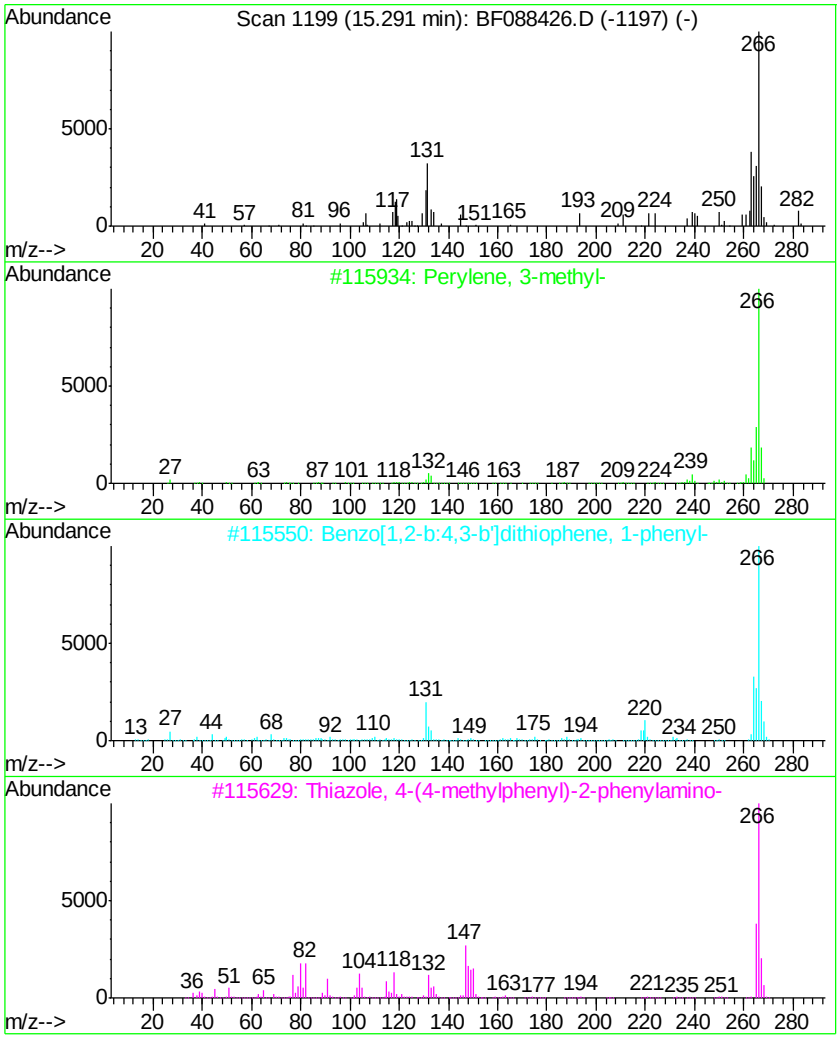
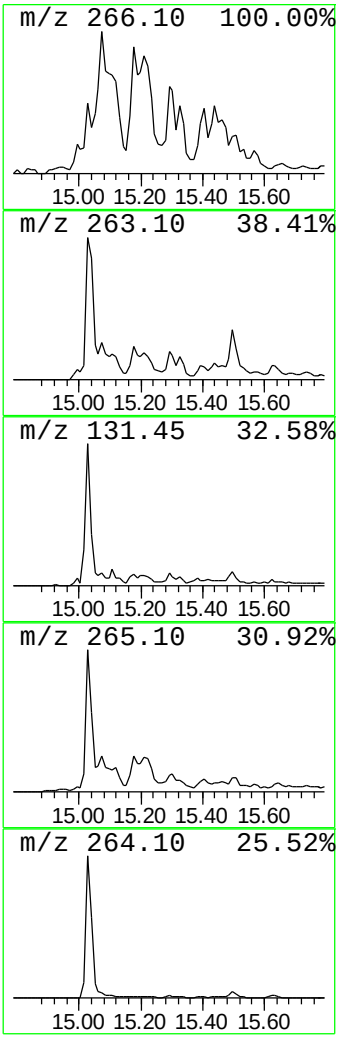
Peak Number 15 unknown15.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.52 ng	77652	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	49
2	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	47
3	Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	43
4	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	43
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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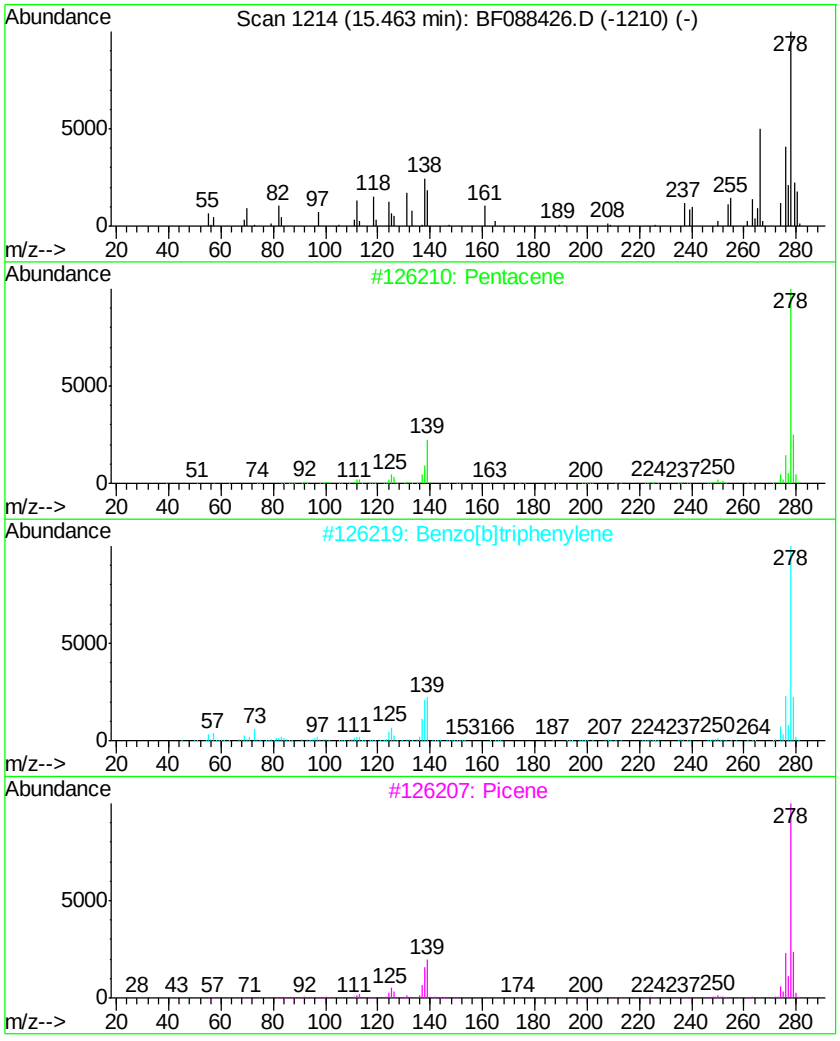
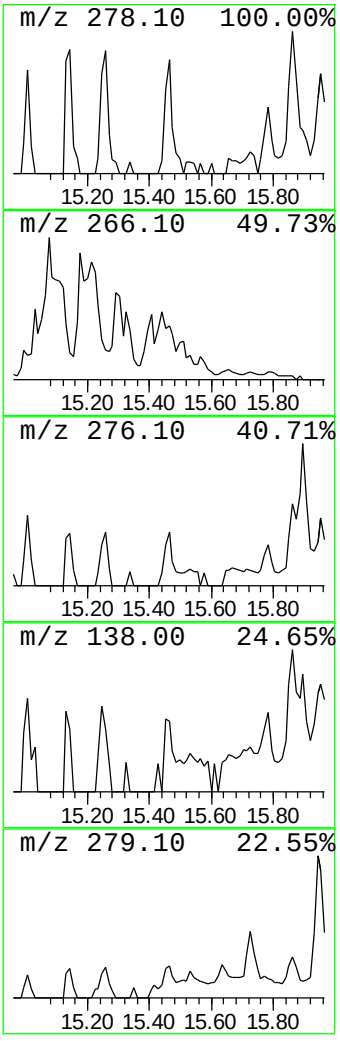
Peak Number 16 unknown15.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.74 ng	84340	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	38
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	38
3	Picene	278	C22H14	000213-46-7	38
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	38
5	Condyfolan, 14,19-didehydro-16-m...	278	C19H22N2	056293-10-8	35





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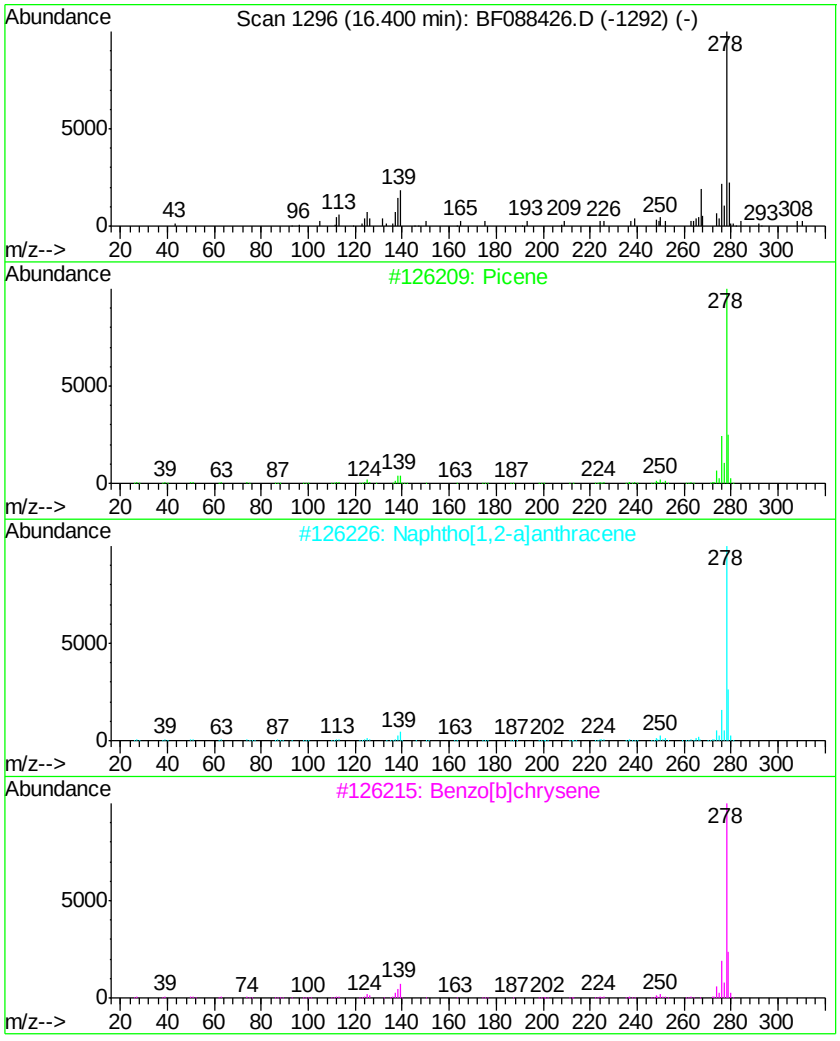
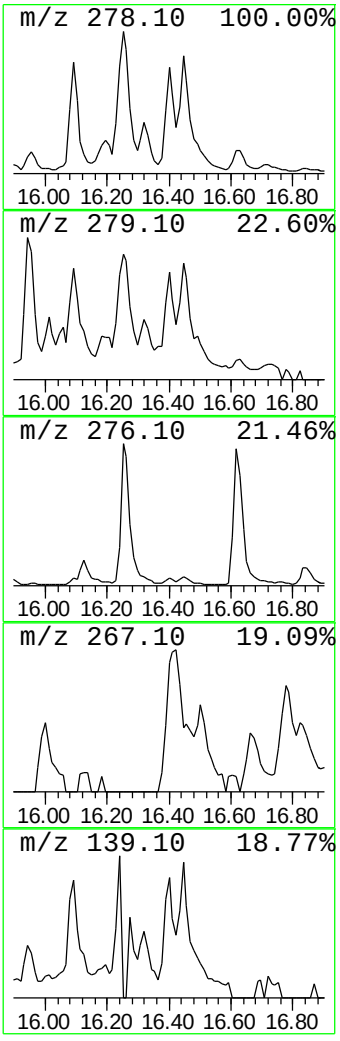
Peak Number 17 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.88 ng	88586	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	83
2	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	83
3	Benzo[b]chrysene	278	C22H14	000214-17-5	83
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	78
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	68





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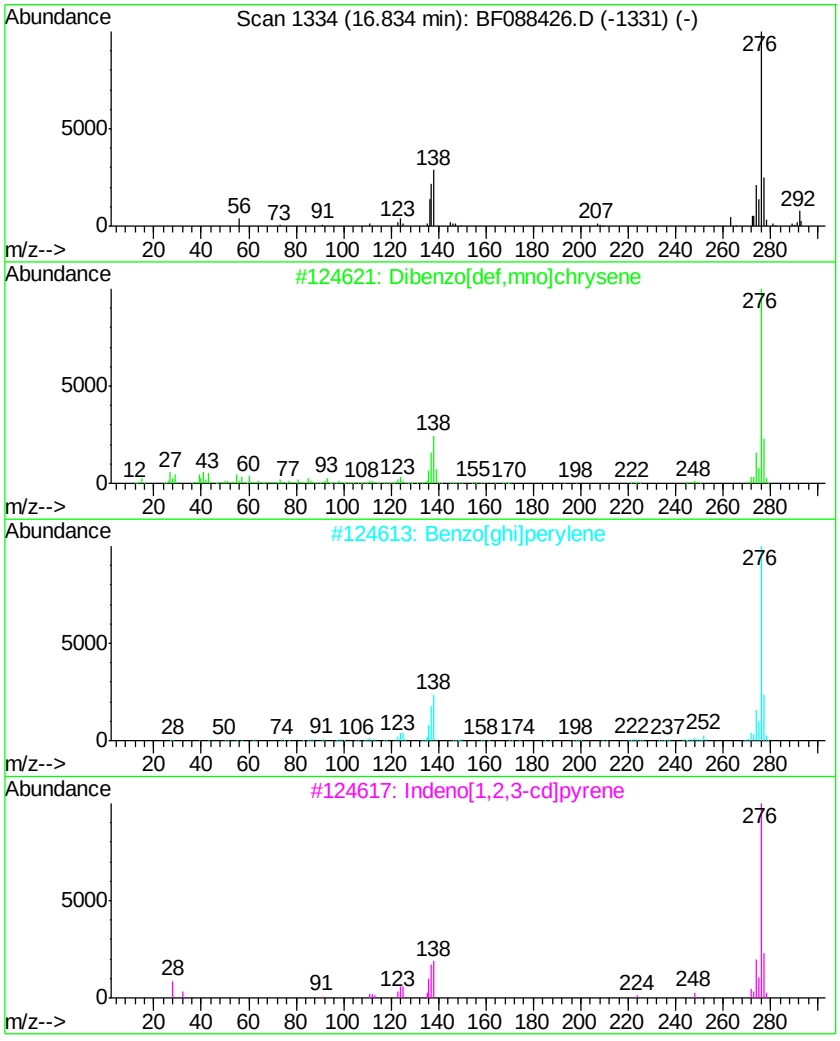
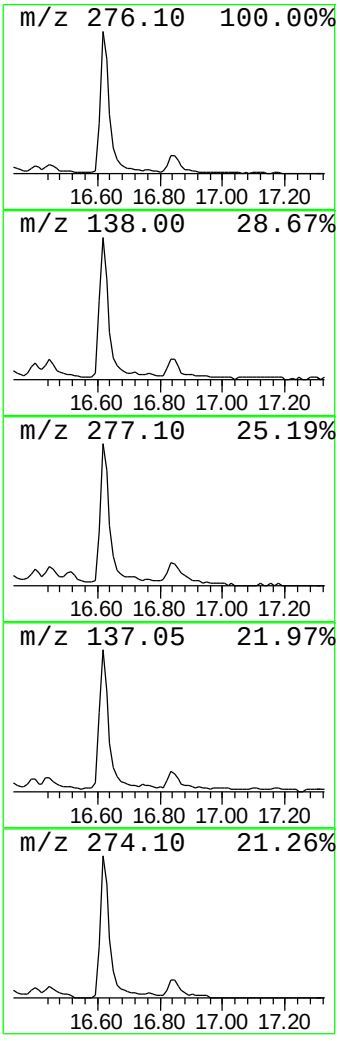
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.80 ng	86230	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	43





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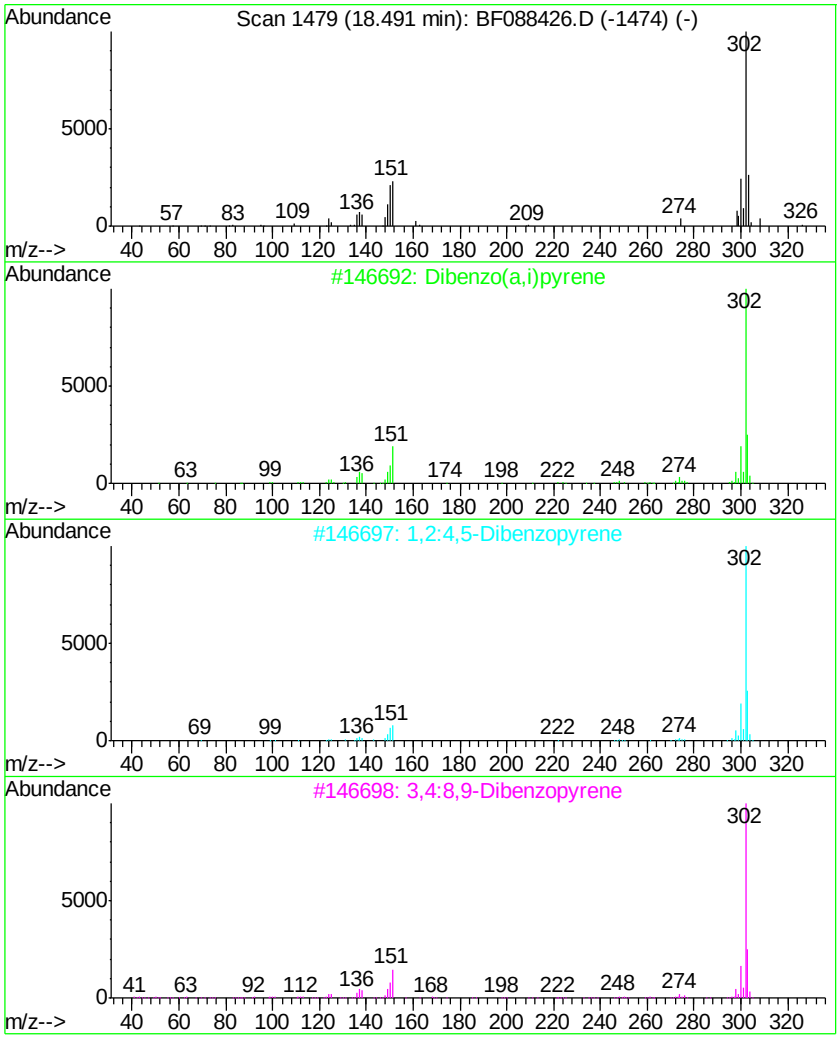
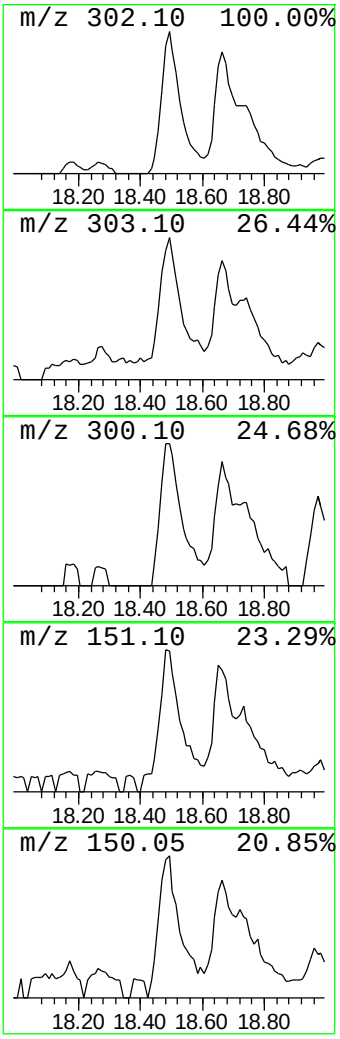
Peak Number 19 Dibenzo(a,i)pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.80 ng	116938	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	90
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	64





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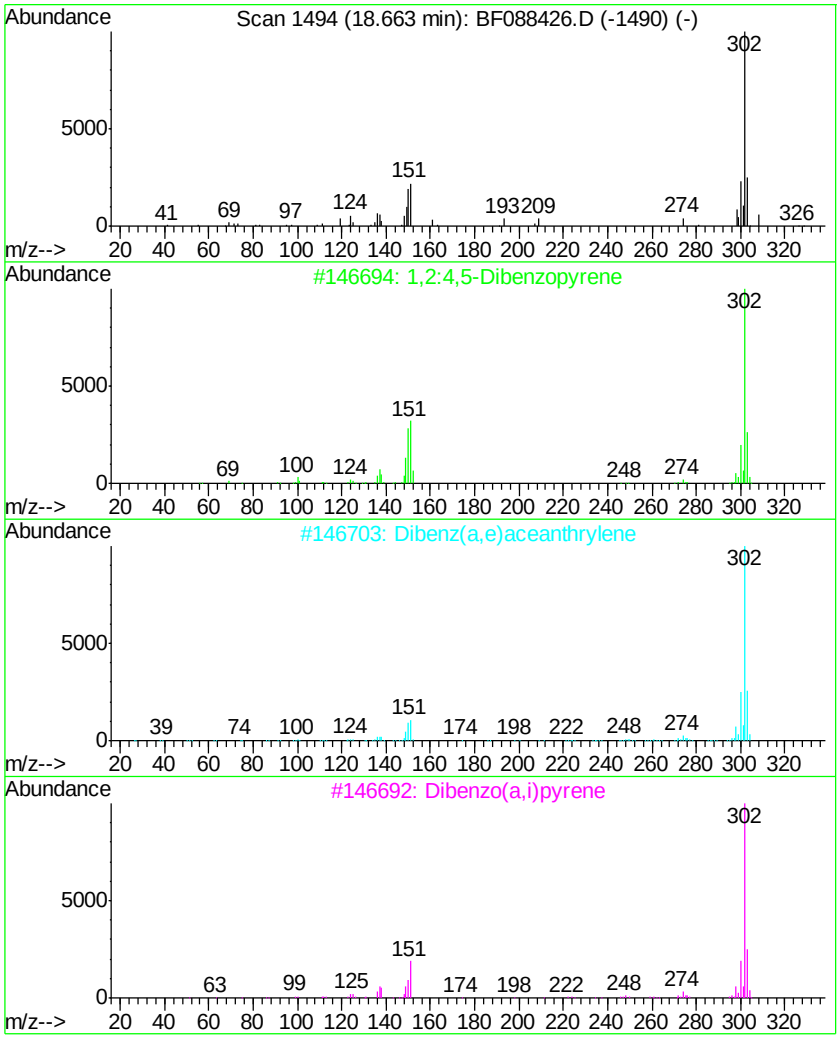
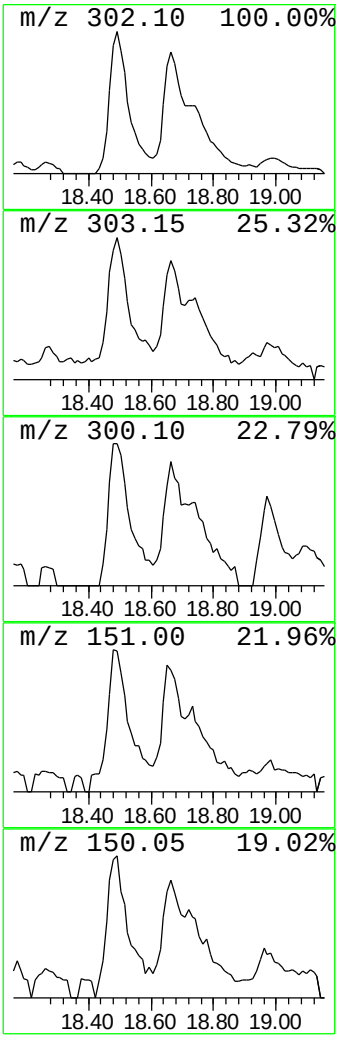
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	2.75 ng	84785	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	81
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088426.D
Acq On : 26 Jun 2016 18:57
Operator : UM/SJ
Sample : H3663-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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
2-Pentanone, 4-hy...	4.65	8.6	ng	173355	1	6.55	403988	20.0
unknown6.32	6.32	41.3	ng	833125	1	6.55	403988	20.0
Phenanthrene, 2-m...	11.58	2.6	ng	187271	4	11.05	1448200	20.0
4H-Cyclopenta[def...	11.66	4.0	ng	287941	4	11.05	1448200	20.0
11H-Benzo[b]fluorene	12.81	3.4	ng	213919	5	13.68	1275310	20.0
Pyrene, 1-methyl-	12.91	2.4	ng	155199	5	13.68	1275310	20.0
Benzo[b]naphtho[2...	13.43	3.5	ng	223200	5	13.68	1275310	20.0
Benz[a]anthracene...	14.07	3.3	ng	210804	5	13.68	1275310	20.0
6-Ethylchrysene	14.39	3.0	ng	91409	6	15.03	615731	20.0
Imidazole, 2-iodo...	14.54	3.1	ng	95624	6	15.03	615731	20.0
unknown15.21	15.21	5.2	ng	160611	6	15.03	615731	20.0
unknown15.29	15.29	2.5	ng	77652	6	15.03	615731	20.0
unknown15.46	15.46	2.7	ng	84340	6	15.03	615731	20.0
Picene	16.40	2.9	ng	88586	6	15.03	615731	20.0
Dibenzo[def,mno]c...	16.83	2.8	ng	86230	6	15.03	615731	20.0
Dibenzo(a,i)pyrene	18.49	3.8	ng	116938	6	15.03	615731	20.0
1,2:4,5-Dibenzopy...	18.66	2.8	ng	84785	6	15.03	615731	20.0