LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

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-BF043015.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	1.472	23	25	28	rVB	851320	1226664	17.53%	3.556%
2	1.621	36	38	49	rVB3	137386	361333	5.16%	1.048%
3	1.758	49	50	52	rBV	69469	83752	1.20%	0.243%
4	1.884	60	61	115	rVB	2860648	6996405	100.00%	20.283%
5	5.644	387	390	392	rBV	159485	184503	2.64%	0.535%
6	6.902	497	500	505	rVB	138418	210022	3.00%	0.609%
7	7.050	511	513	516	rBV	229483	206786	2.96%	0.599%
8	7.336	536	538	541	rBV	248272	335474	4.79%	0.973%
9	7.530	553	555	557	rBV	162900	155702	2.23%	0.451%
10	8.033	596	599	601	rBV	104209	106263	1.52%	0.308%
11	8.913	674	676	678	rBV	350429	476468	6.81%	1.381%
12	10.262	792	794	796	rBV	279426	235942	3.37%	0.684%
13	10.925	849	852	854	rBV	85257	95243	1.36%	0.276%
14	11.096	864	867	869	rBV	604748	572767	8.19%	1.660%
15	11.131	869	870	873	rVB	97218	124262	1.78%	0.360%
16	11.348	887	889	892	rVB2	68429	81318	1.16%	0.236%
17	11.782	924	927	929	rVB	143010	164944	2.36%	0.478%
18	12.079	950	953	956	rVB	194719	221173	3.16%	0.641%
19	12.811	1015	1017	1020	rVB	77187	88361	1.26%	0.256%
20	12.948	1026	1029	1030	rBV	577076	658963	9.42%	1.910%
21	12.971	1030	1031	1034	rVV	1403960	1578556	22.56%	4.576%
22	13.039	1034	1037	1039	rVB	406892	396844	5.67%	1.150%
23	13.245	1053	1055	1056	rBV	118028	114400	1.64%	0.332%
24	13.577	1081	1084	1085	rBV	224807	221433	3.16%	0.642%
25	13.611	1085	1087	1090	rVB	296943	297031	4.25%	0.861%
26	13.668	1090	1092	1094	rBV	132874	136811	1.96%	0.397%
27	13.714	1094	1096	1097	rVV	314383	412176	5.89%	1.195%
28	13.737	1097	1098	1101	rVB	151782	155940	2.23%	0.452%
29	13.954	1115	1117	1121	rVB2	146948	268993	3.84%	0.780%
30	14.137	1129	1133	1135	rBV2	52227	86340	1.23%	0.250%
31	14.262	1140	1144	1146	rBV	124841	180832	2.58%	0.524%
32	14.308	1146	1148	1151	rVV2	88935	152108	2.17%	0.441%
33	14.365	1151	1153	1156	rVB2	94779	150336	2.15%	0.436%
34	14.457	1158	1161	1164	rBV	2073132	2142880	30.63%	6.212%

LSC Area Percent Report

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Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.639	1173	1177	1179	rBV2	98480	166411	2.38%	0.482%
36	14.742	1183	1186	1188	rVV	1940283	2256124	32.25%	6.541%
37	14.800	1188	1191	1196	rVB2	61062	163285	2.33%	0.473%
38	14.891	1197	1199	1201	rBV	83913	105368	1.51%	0.305%
39	14.937	1201	1203	1206	rVB	314325	376093	5.38%	1.090%
40	15.017	1207	1210	1212	rBV2	107827	220266	3.15%	0.639%
41	15.154	1220	1222	1224	rVB	243312	293897	4.20%	0.852%
42	15.245	1228	1230	1231	rBV	108420	142879	2.04%	0.414%
43	15.280	1231	1233	1235	rBV	205839	246877	3.53%	0.716%
44	15.394	1241	1243	1245	rBV	101632	97064	1.39%	0.281%
45	15.440	1245	1247	1248	rBV	89291	102395	1.46%	0.297%
46	15.531	1253	1255	1258	rBV3	37012	89386	1.28%	0.259%
47	15.782	1275	1277	1281	rVB	99734	164291	2.35%	0.476%
48	15.931	1286	1290	1292	rBV2	140092	261722	3.74%	0.759%
49	15.965	1292	1293	1296	rVV2	123939	215030	3.07%	0.623%
50	16.057	1299	1301	1303	rVB	114443	150151	2.15%	0.435%
51	16.114	1303	1306	1308	rBV3	41804	94186	1.35%	0.273%
52	16.240	1313	1317	1319	rBV2	1138795	2081482	29.75%	6.034%
53	16.285	1319	1321	1323	rVV	787113	911608	13.03%	2.643%
54	16.377	1325	1329	1331	rBV2	133500	200382	2.86%	0.581%
55	16.503	1338	1340	1342	rVV2	51987	94523	1.35%	0.274%
56	16.548	1342	1344	1346	rVB	68408	77175	1.10%	0.224%
57	16.674	1352	1355	1356	rBV3	39859	74842	1.07%	0.217%
58	16.754	1359	1362	1364	rVV	176877	225847	3.23%	0.655%
59	16.800	1364	1366	1368	rVB	71659	84456	1.21%	0.245%
60	16.880	1371	1373	1374	rVB	64655	83470	1.19%	0.242%
61	16.914	1374	1376	1377	rBV2	75228	101723	1.45%	0.295%
62	17.017	1383	1385	1389	rVB3	52361	96098	1.37%	0.279%
63	17.154	1394	1397	1399	rBV	70243	116100	1.66%	0.337%
64	17.566	1430	1433	1438	rBV	776647	1792918	25.63%	5.198%
65	17.680	1441	1443	1445	rVB	167561	184228	2.63%	0.534%
66	17.886	1459	1461	1465	rVB	431479	612517	8.75%	1.776%
67	17.954	1465	1467	1470	rVB	782105	891986	12.75%	2.586%
68	18.023	1470	1473	1474	rBV	619682	810750	11.59%	2.350%
69	18.046	1474	1475	1482	rVB2	171733	283137	4.05%	0.821%
70	19.349	1587	1589	1597	rVB2	88424	241705	3.45%	0.701%
71	19.531	1601	1605	1610	rVB2	290414	687681	9.83%	1.994%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.714	1619	1621	1624	rBV	59120	142149	2.03%	0.412%
73	19.977	1640	1644	1653	rVB	242915	557792	7.97%	1.617%
74	20.217	1662	1665	1669	rBV	53497	114790	1.64%	0.333%

Sum of corrected areas: 34493809

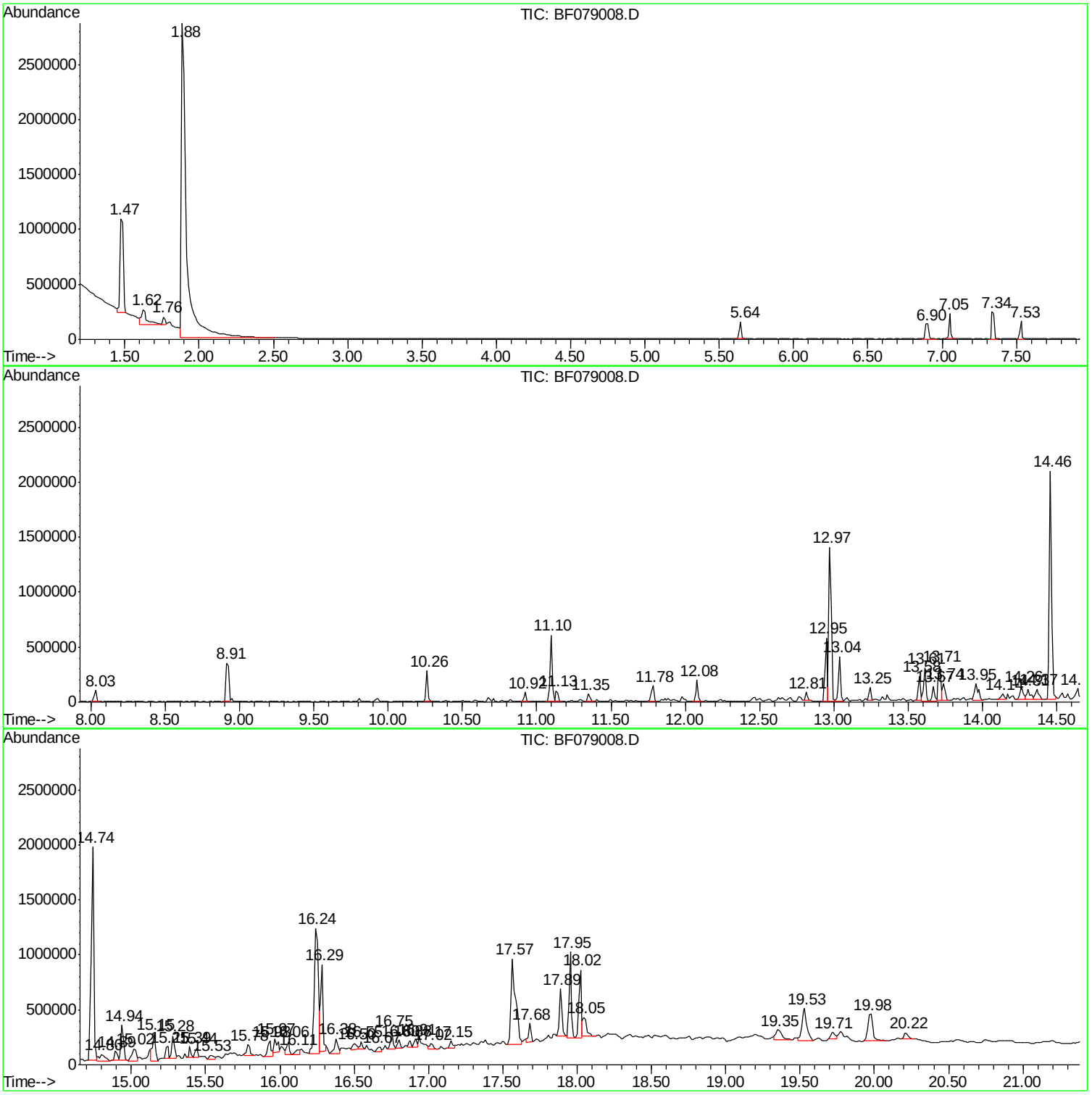
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

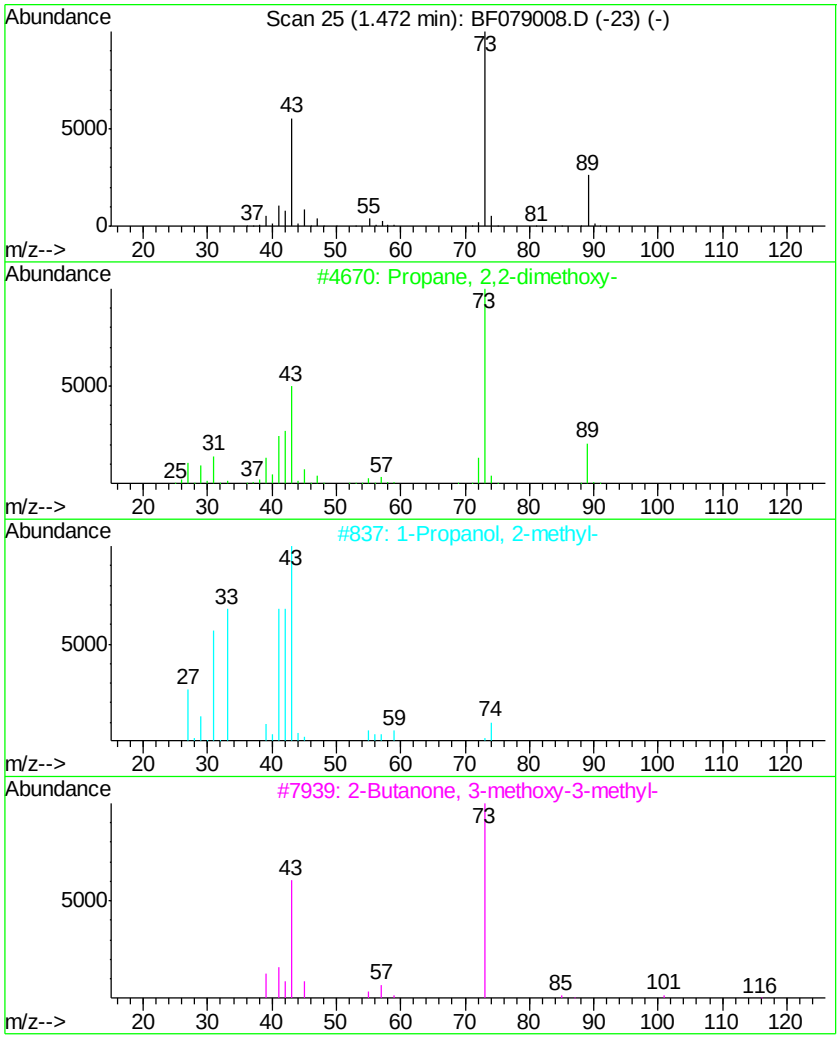
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

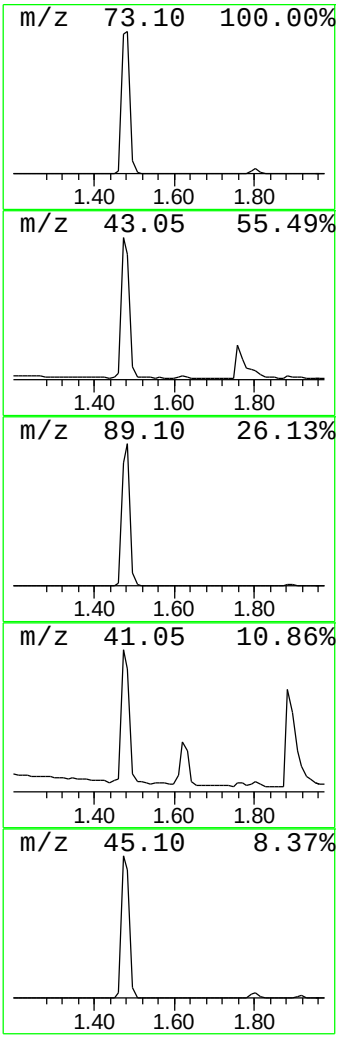
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	73.13 ng	1226660	1,4-Dichlorobenzene-d4	7.35

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	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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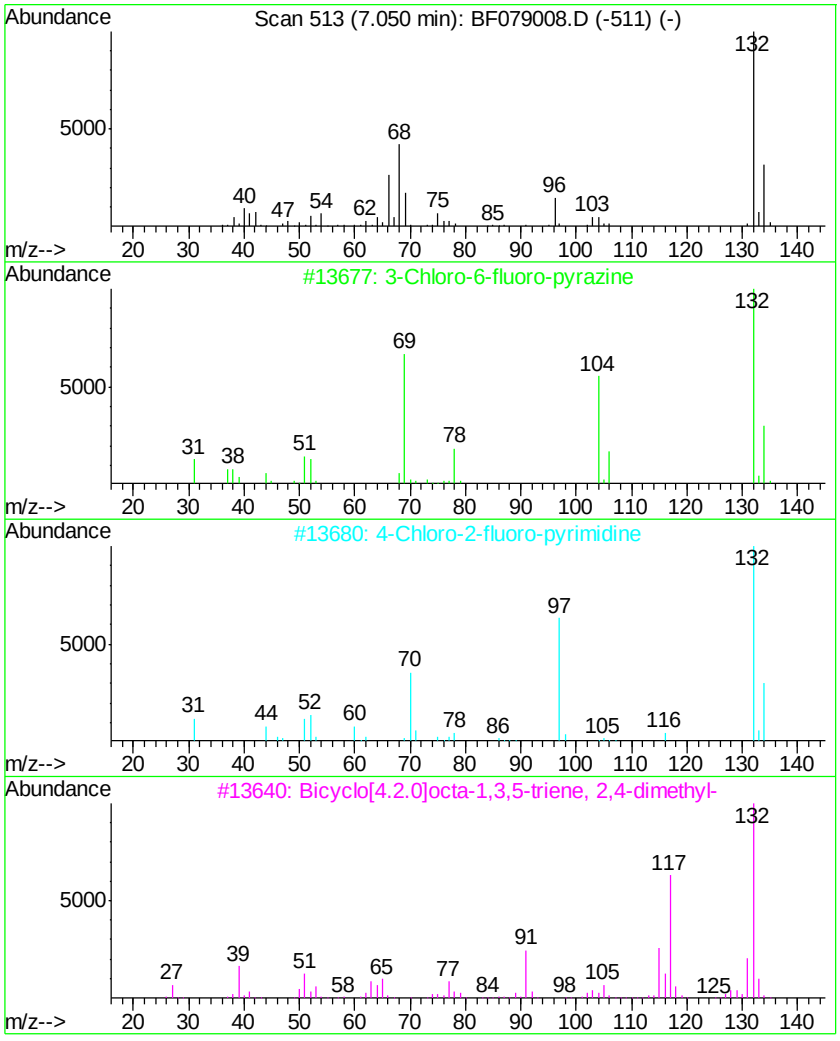
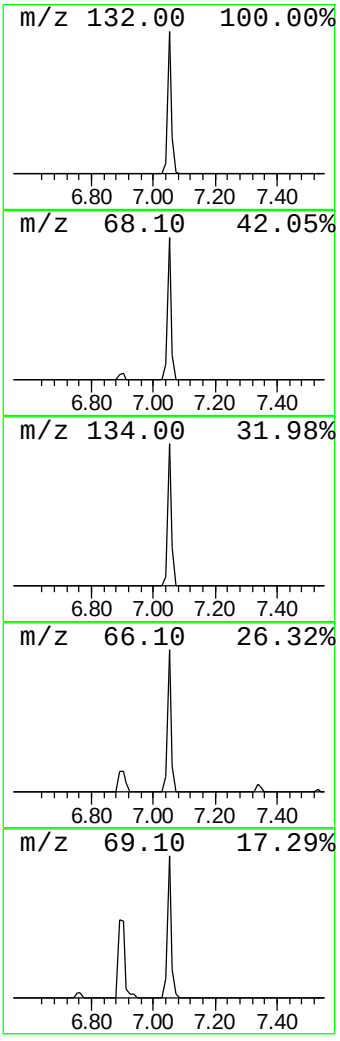
Peak Number 5 unknown7.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	12.33 ng	206786	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

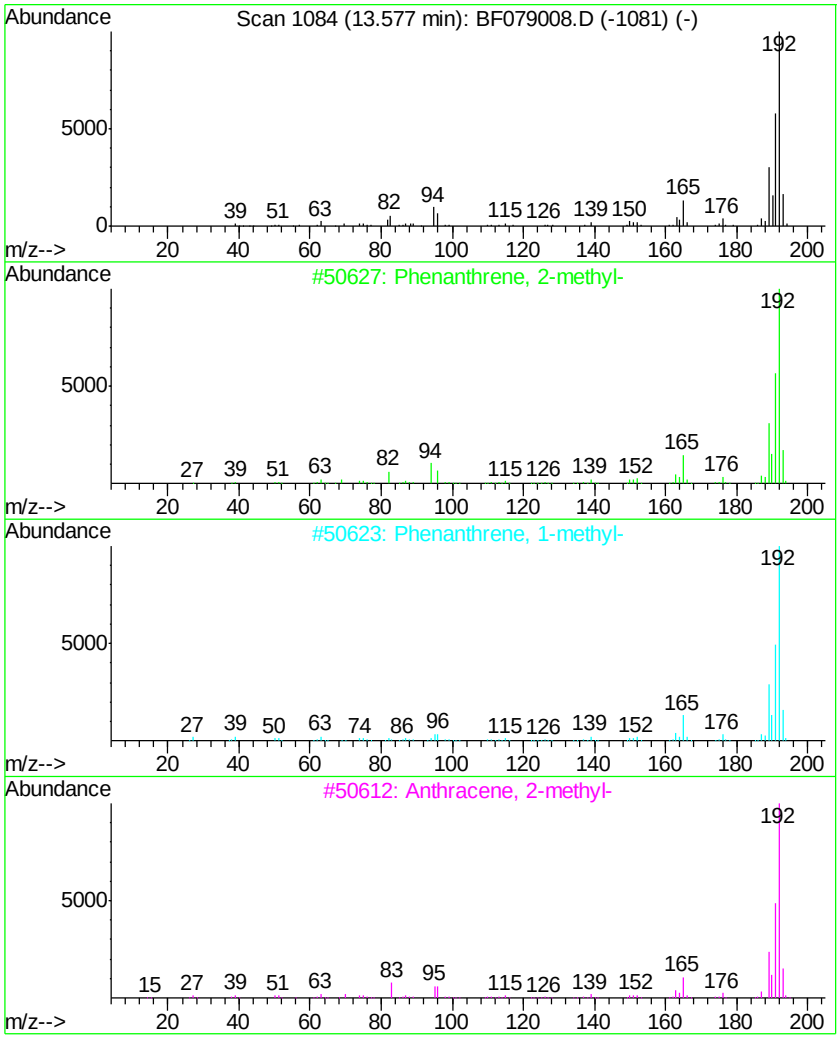
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

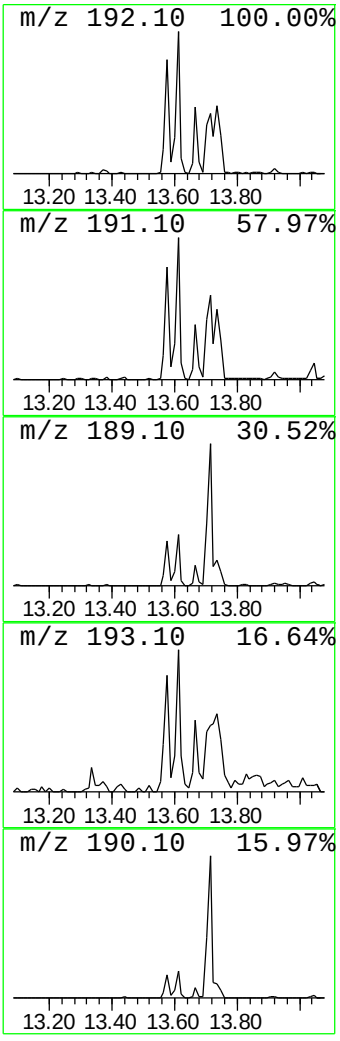
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	6.72 ng	221433	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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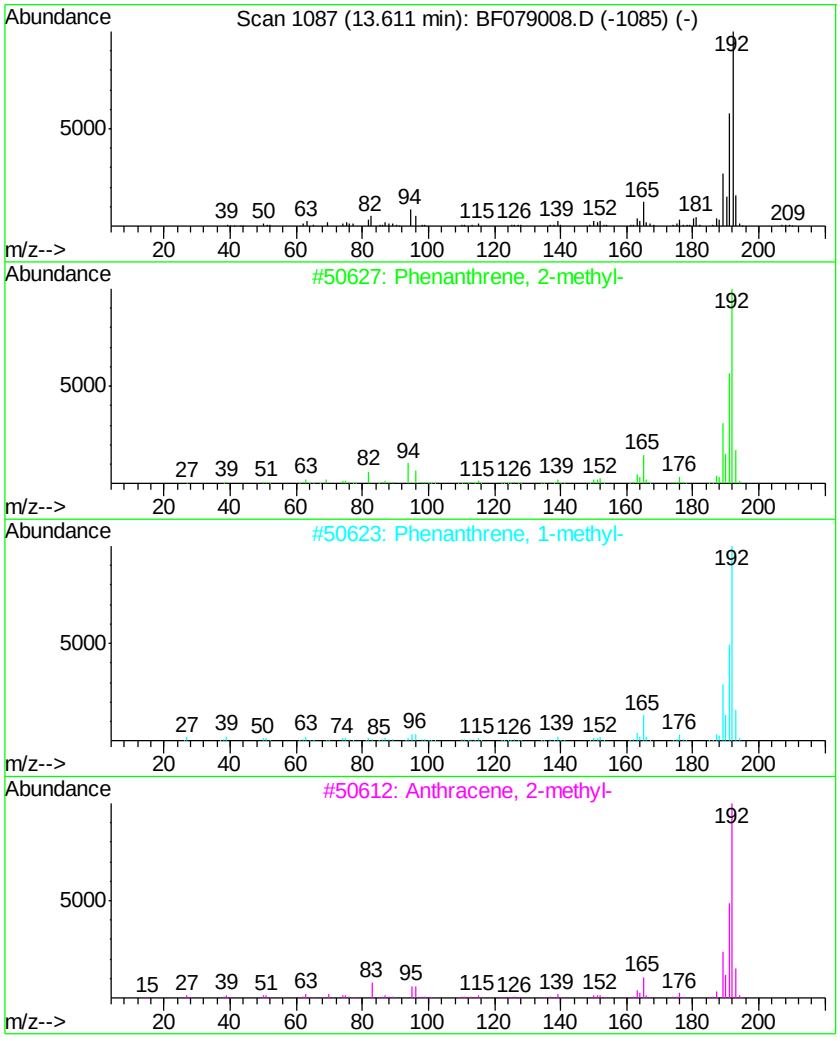
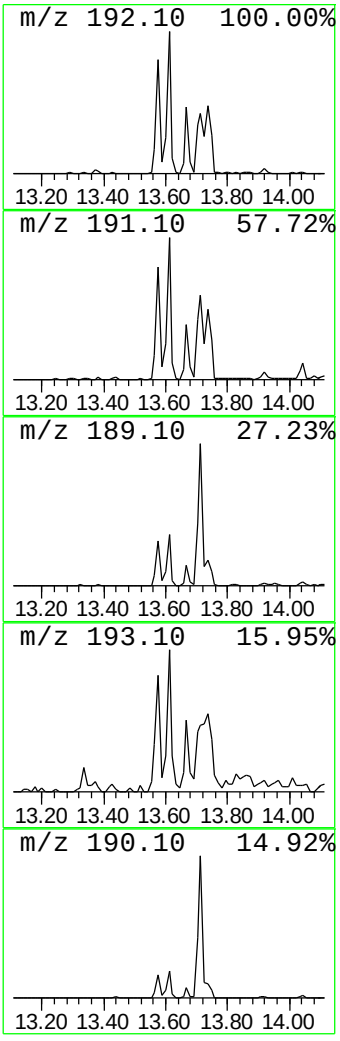
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	9.02 ng	297031	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

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Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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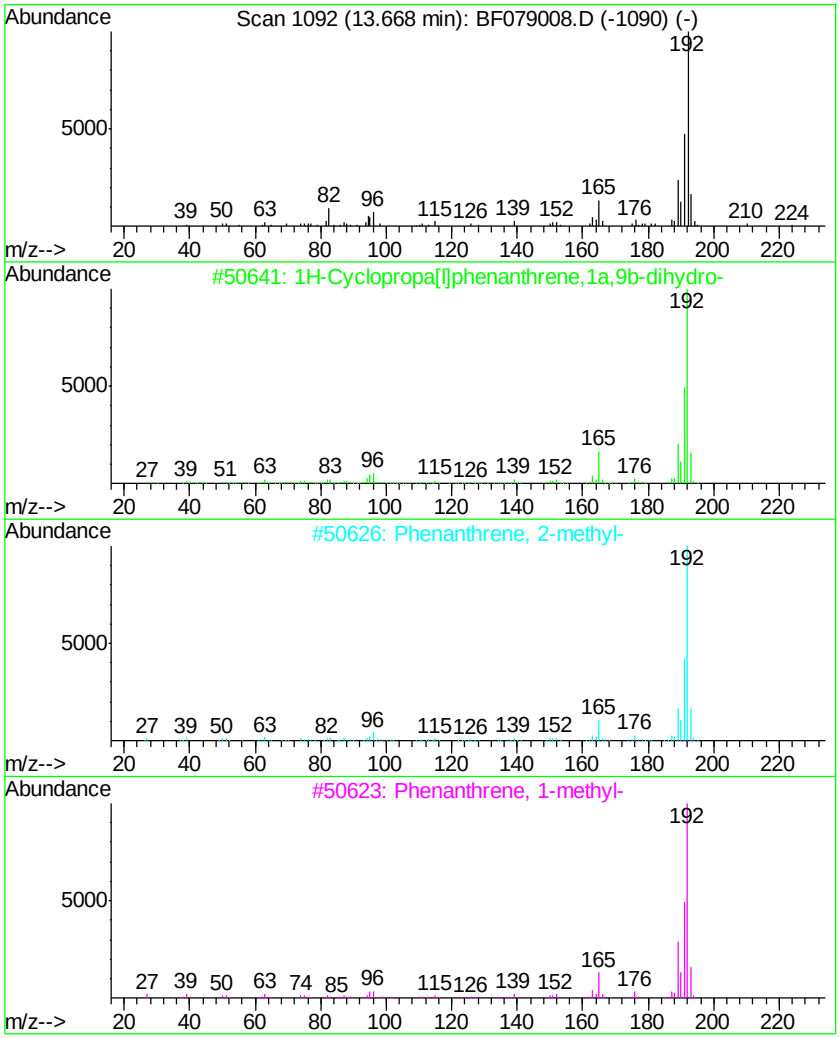
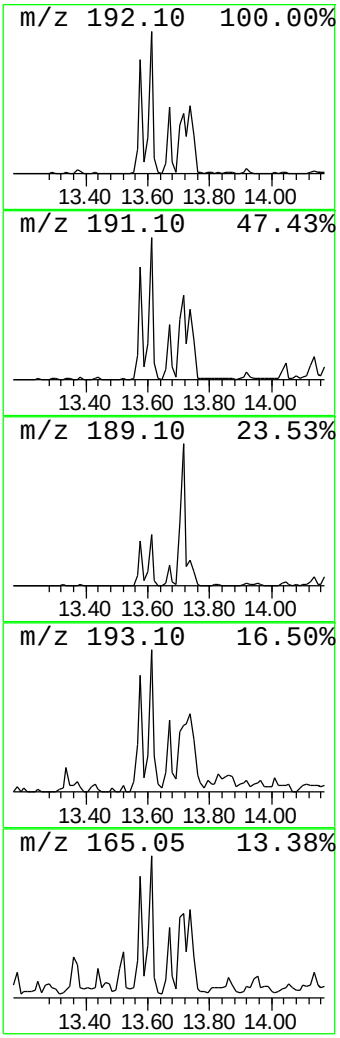
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.15 ng	136811	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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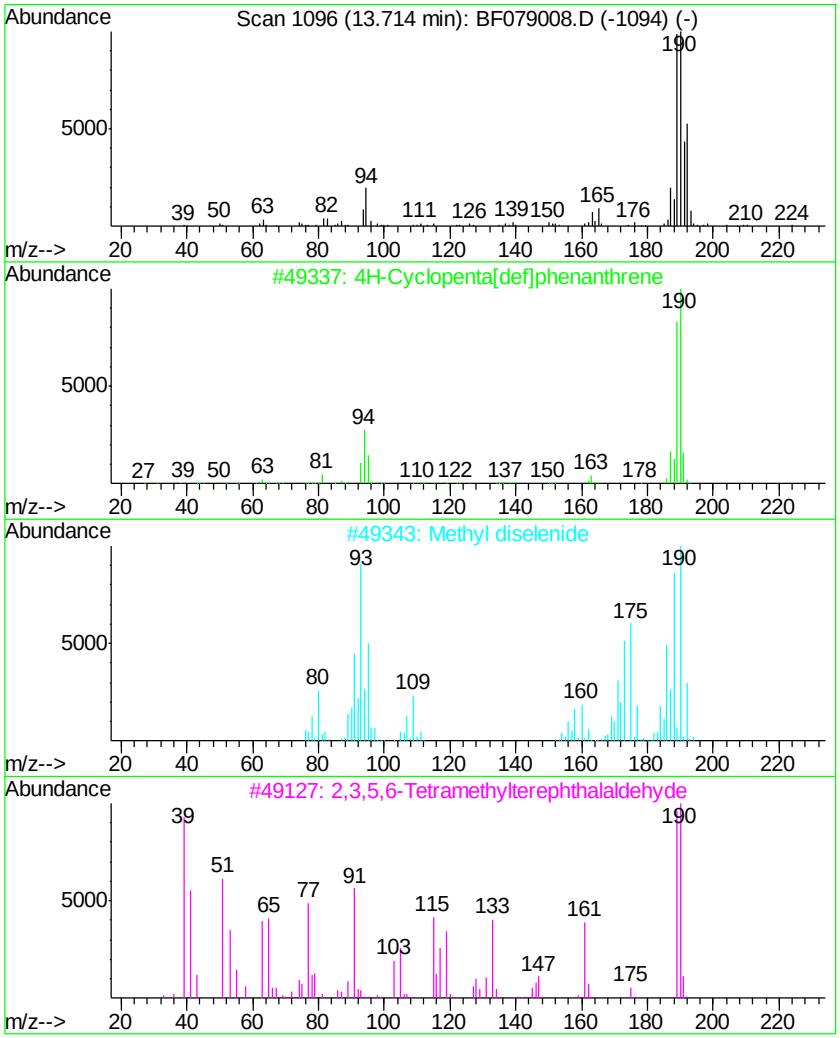
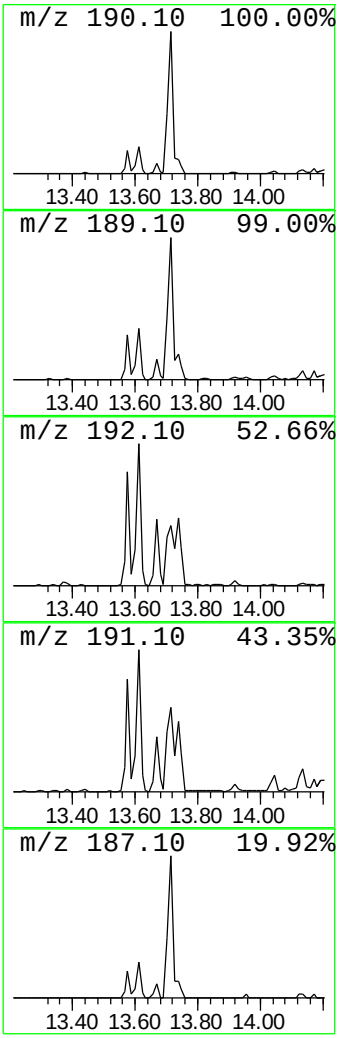
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	12.51 ng	412176	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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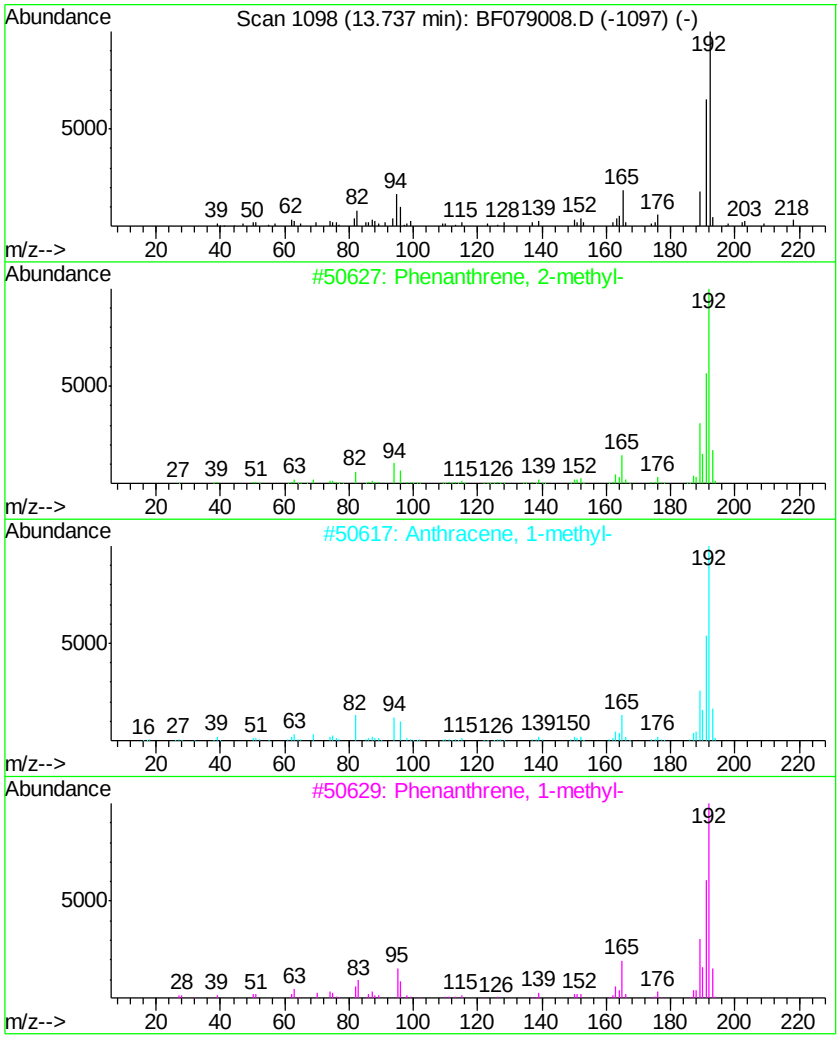
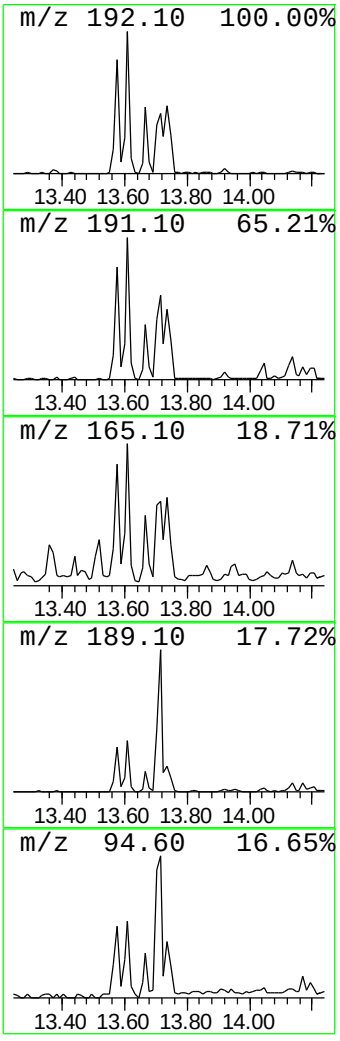
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.73 ng	155940	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Data File : BF079008.D
Acq On : 7 May 2015 21:04
Operator : TP/IZ
Sample : G2116-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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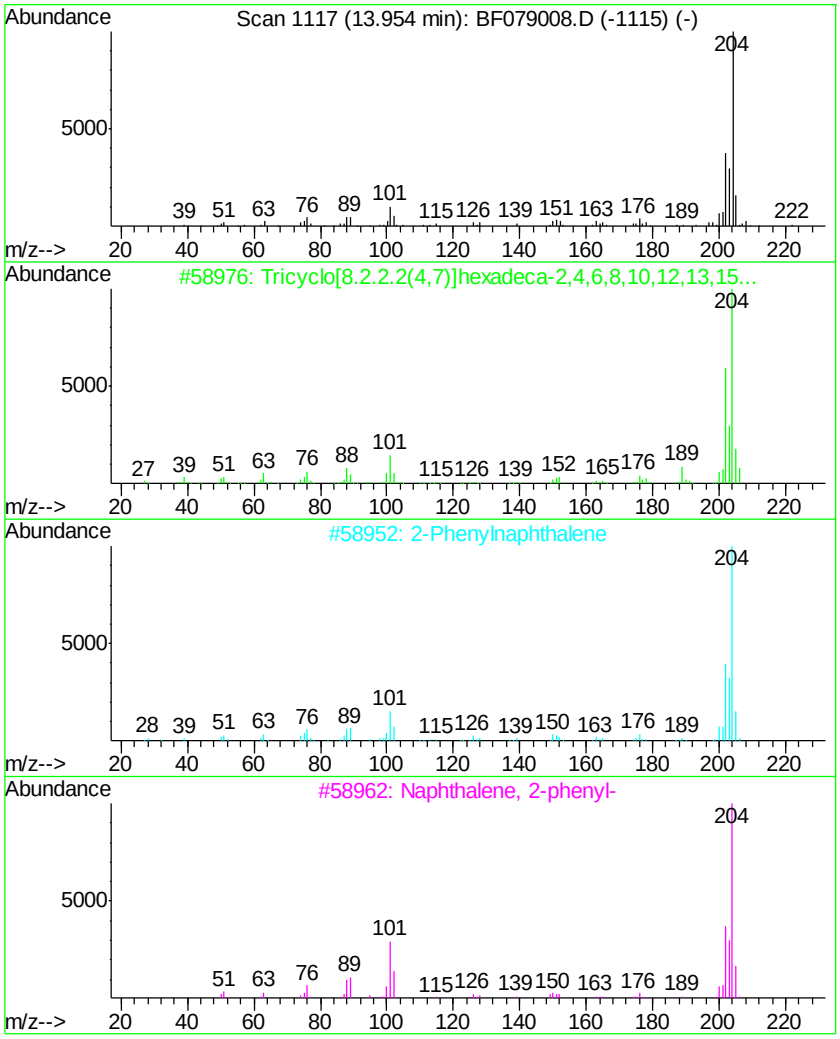
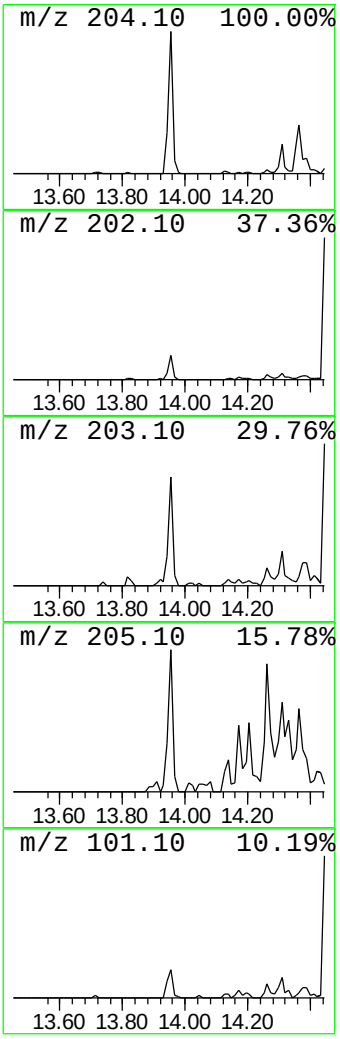
Peak Number 12 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	8.16 ng	268993	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	91
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64





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Instrument : BNA_F
ClientSampleId : SB-51S

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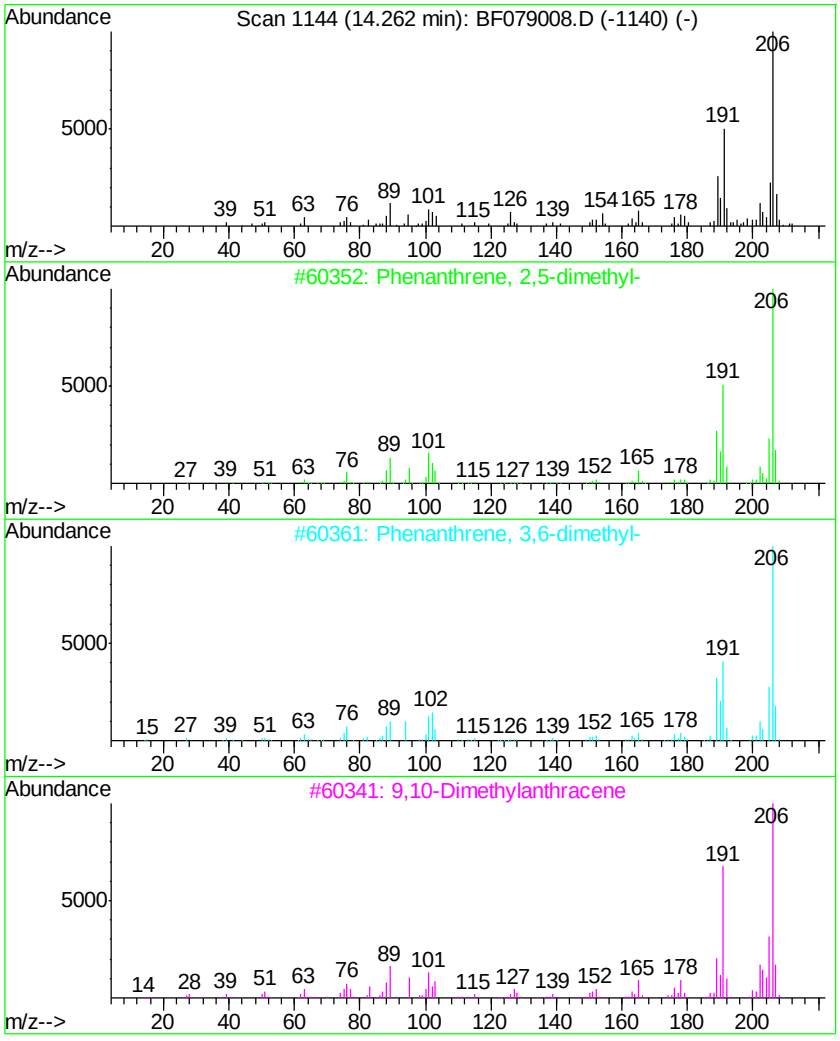
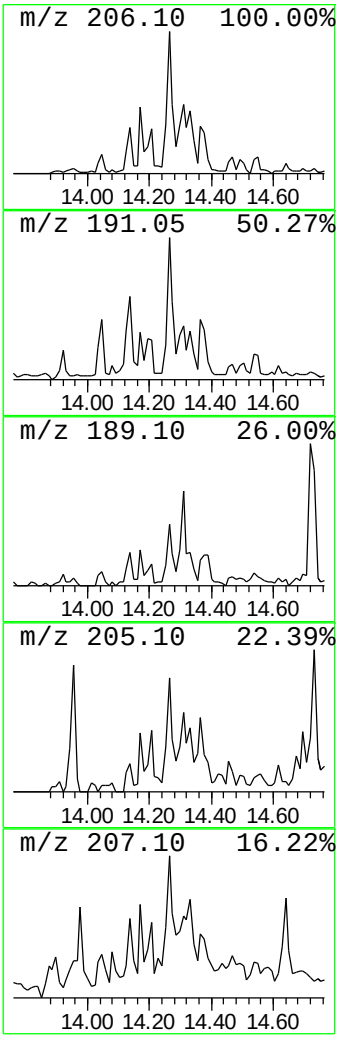
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.49 ng	180832	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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ClientSampleId : SB-51S

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TIC Library : C:\DATABASE\NIST02.L
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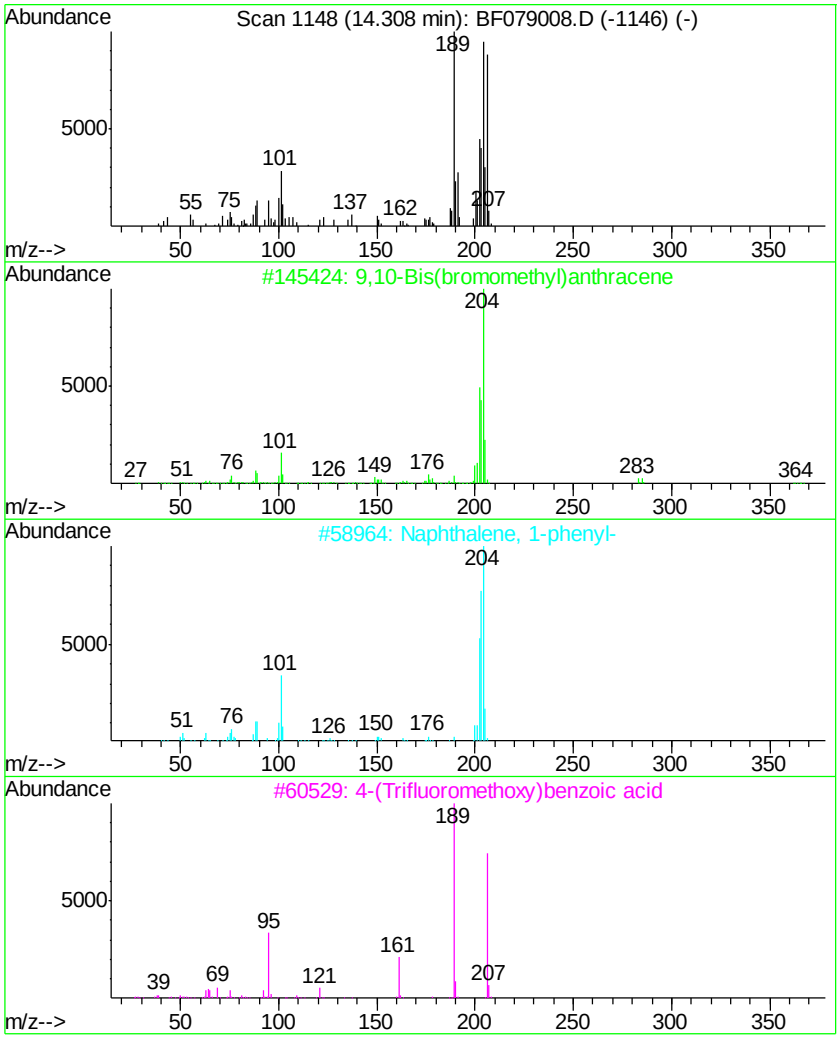
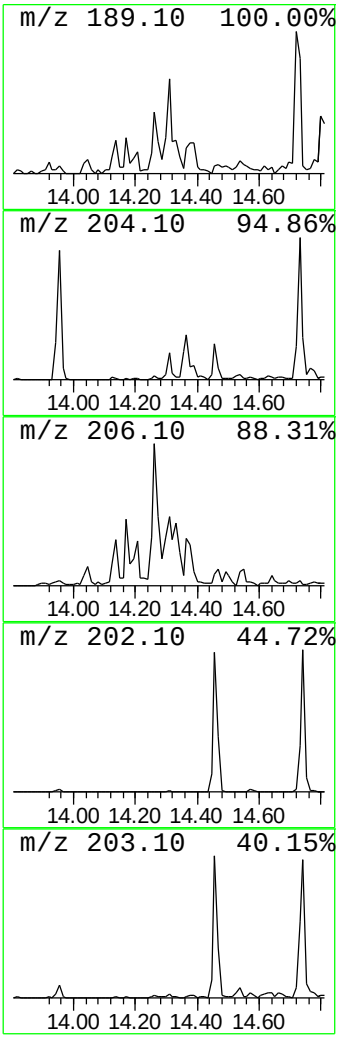
Peak Number 14 unknown14.31 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.62 ng	152108	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
3	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	30
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25





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Instrument : BNA_F
ClientSampleId : SB-51S

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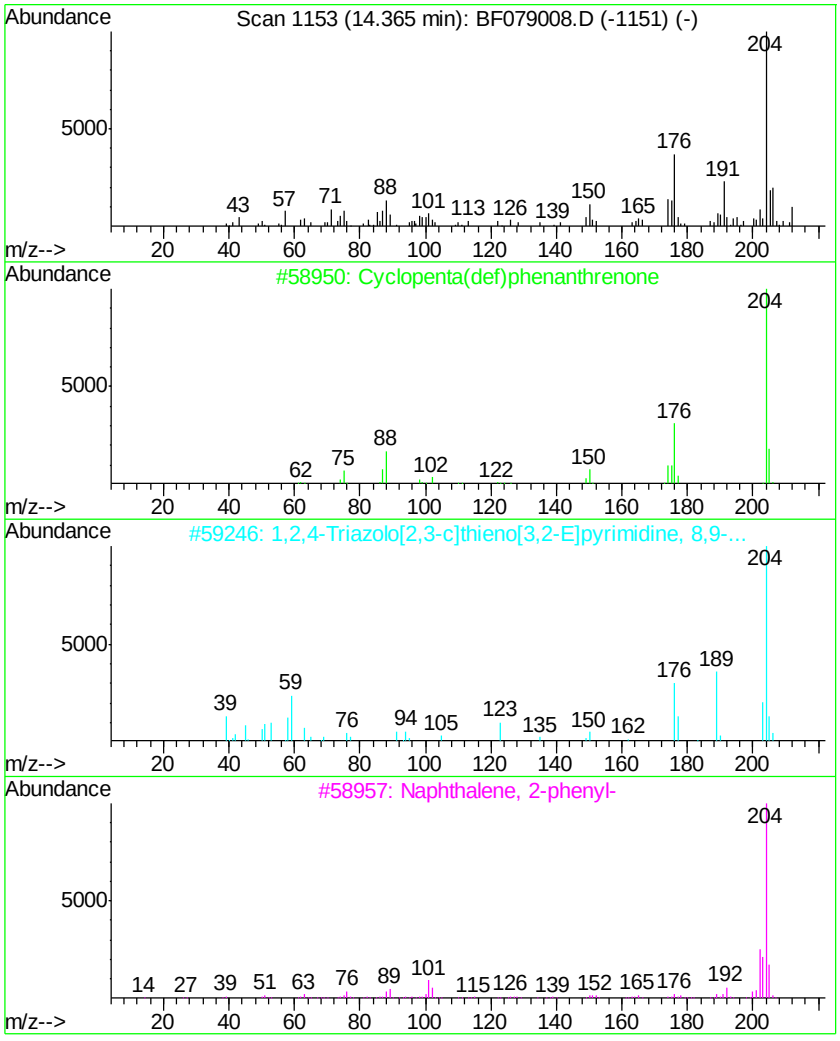
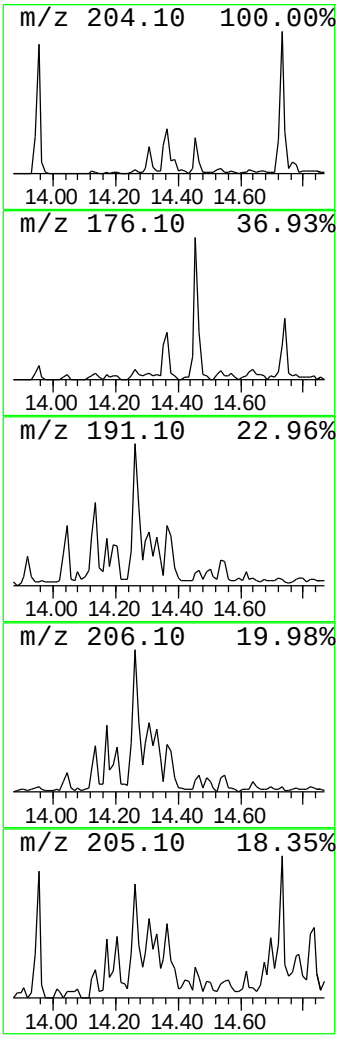
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.56 ng	150336	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38





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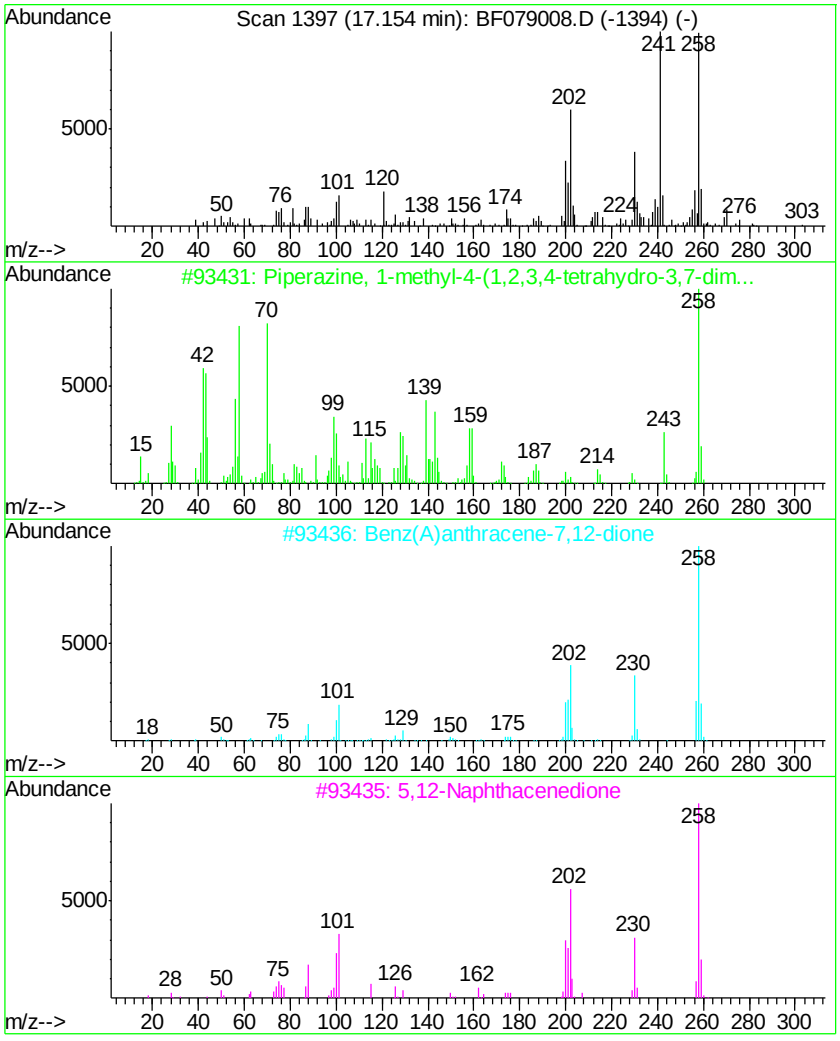
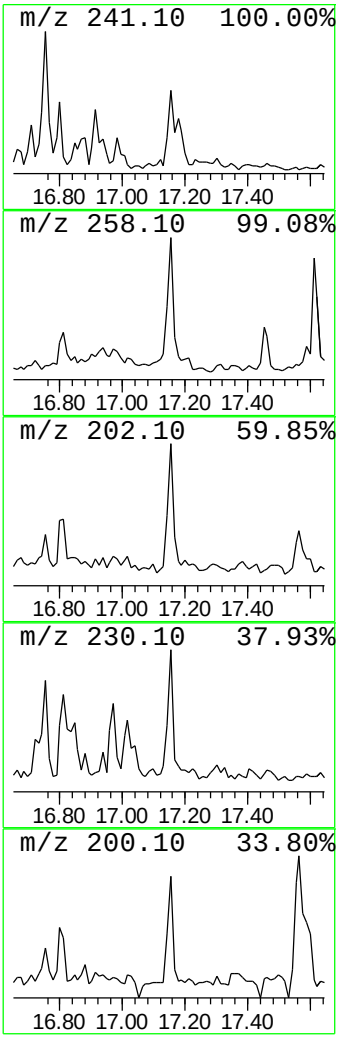
Peak Number 16 Piperazine, 1-methyl-4-(1,2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.86 ng	116100	Perylene-d12	18.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	83
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	83
4	5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	35
5	4,5,7,8,9,10-Hexahydrobenzo[a]py...	258	C20H18	073712-75-1	25





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Instrument : BNA_F
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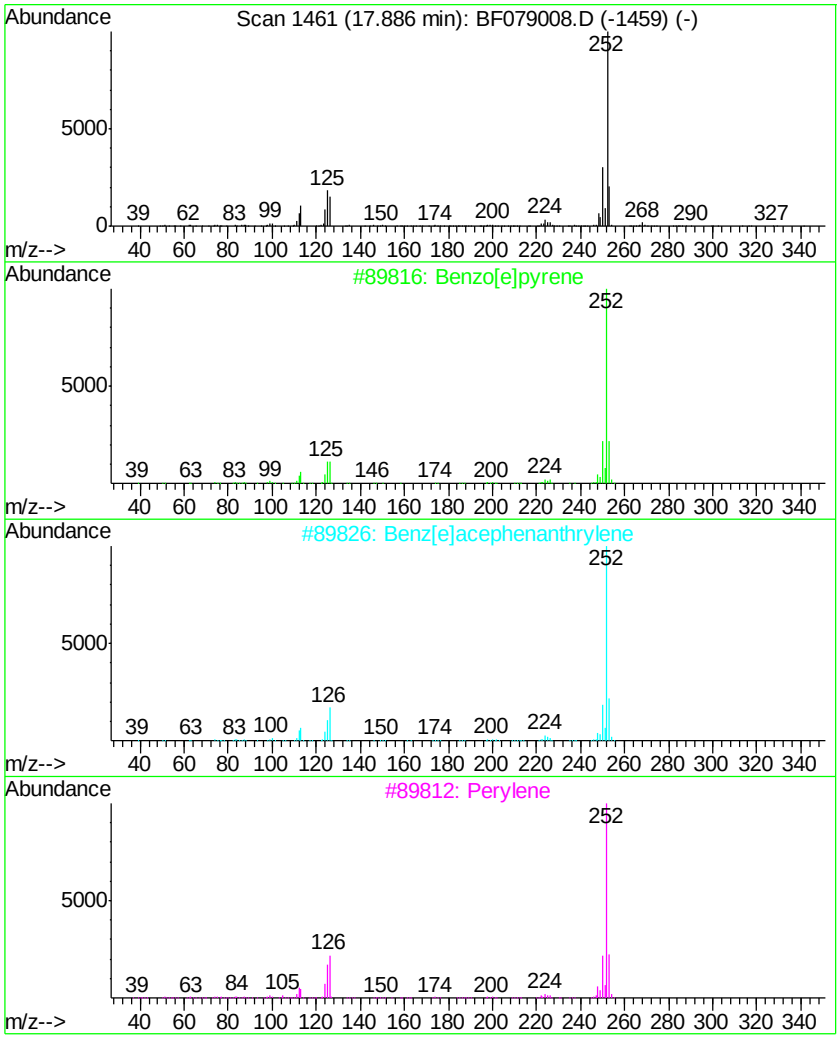
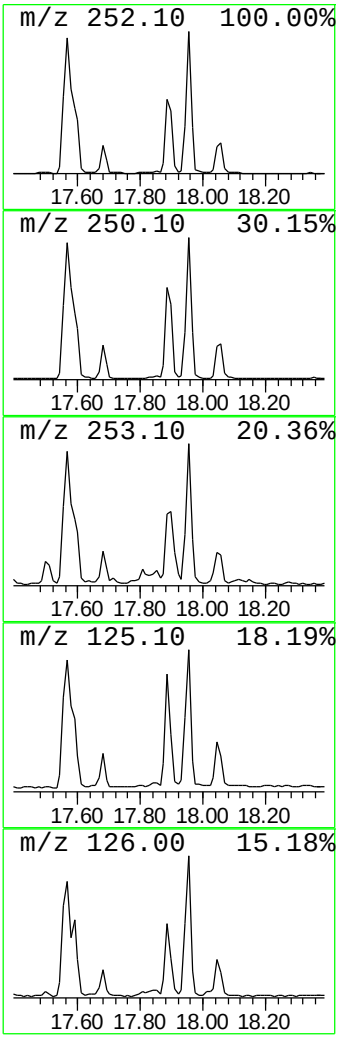
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	15.11 ng	612517	Perylene-d12	18.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51S

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TIC Integration Parameters: LSCINT.P

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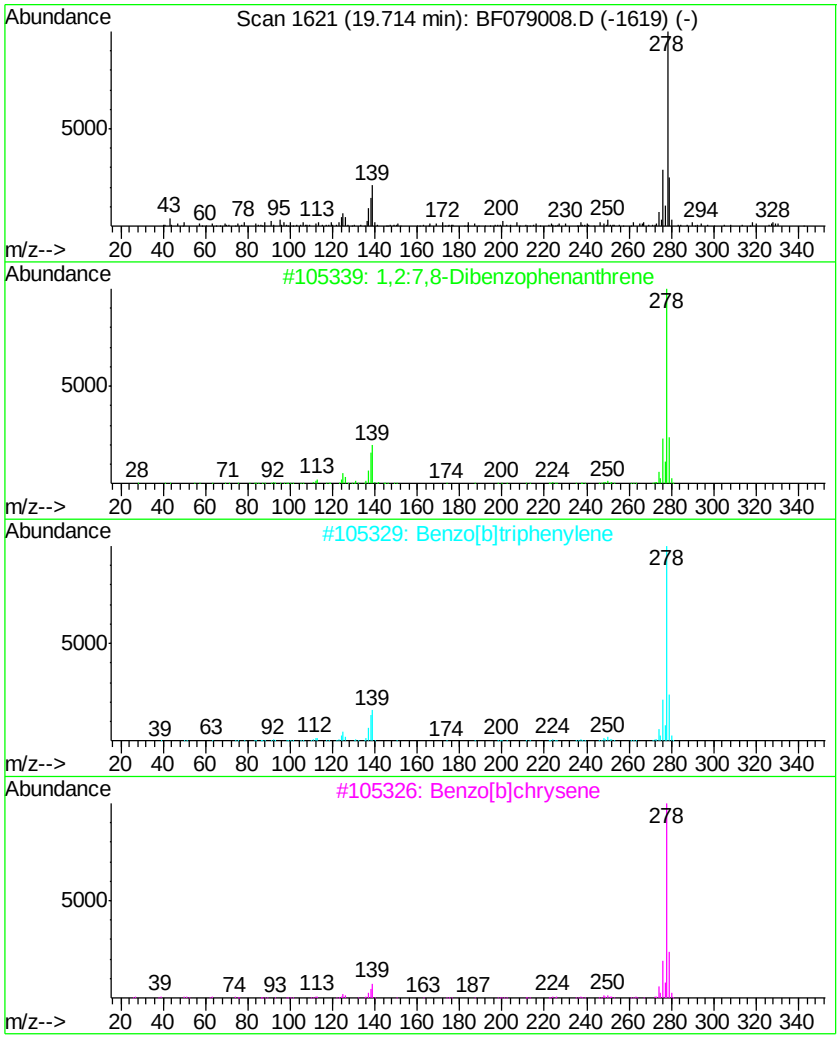
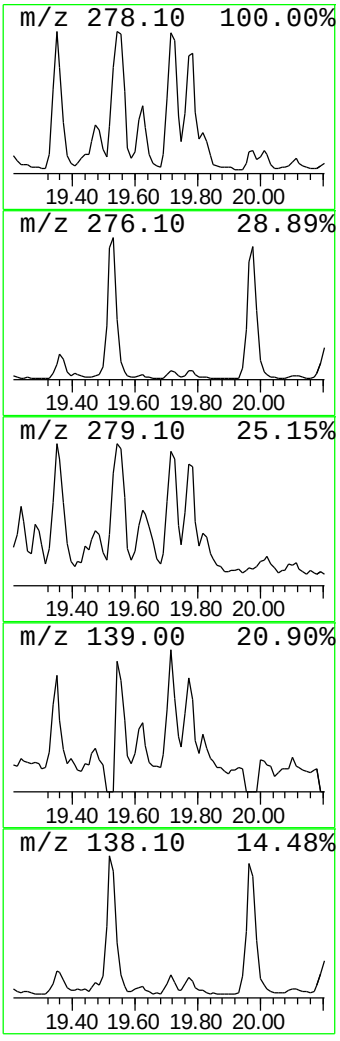
Peak Number 20 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.51 ng	142149	Perylene-d12	18.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	95
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
5	Pentaphene	278	C22H14	000222-93-5	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.47	73.1	ng	1226660	1	7.35	335474	20.0
unknown7.05	7.05	12.3	ng	206786	1	7.35	335474	20.0
Phenanthrene, 2-m...	13.58	6.7	ng	221433	4	12.95	658963	20.0
Phenanthrene, 1-m...	13.61	9.0	ng	297031	4	12.95	658963	20.0
1H-Cyclopropa[l]p...	13.67	4.2	ng	136811	4	12.95	658963	20.0
4H-Cyclopenta[def...	13.71	12.5	ng	412176	4	12.95	658963	20.0
Anthracene, 1-met...	13.74	4.7	ng	155940	4	12.95	658963	20.0
Tricyclo[8.2.2.2(...	13.95	8.2	ng	268993	4	12.95	658963	20.0
Phenanthrene, 2,5...	14.26	5.5	ng	180832	4	12.95	658963	20.0
unknown14.31	14.31	4.6	ng	152108	4	12.95	658963	20.0
Cyclopenta(def)ph...	14.37	4.6	ng	150336	4	12.95	658963	20.0
Piperazine, 1-met...	17.15	2.9	ng	116100	6	18.02	810750	20.0
Benzo[e]pyrene	17.89	15.1	ng	612517	6	18.02	810750	20.0
1,2:7,8-Dibenzoph...	19.71	3.5	ng	142149	6	18.02	810750	20.0