LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091039.D
Acq On : 4 Nov 2016 23:52
Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

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-BF110316.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	1.790	6	9	18	rBV	1824176	4482858	56.08%	4.114%
2	2.098	34	36	60	rVB4	53915	311770	3.90%	0.286%
3	4.853	275	277	284	rBV	603454	862453	10.79%	0.791%
4	5.242	309	311	314	rBV	89679	133410	1.67%	0.122%
5	5.299	314	316	319	rBV	3007244	3127227	39.12%	2.870%
6	6.362	406	409	411	rBV	2935844	3967140	49.63%	3.641%
7	6.476	416	419	421	rBV	3730620	3857926	48.26%	3.540%
8	6.705	437	439	441	rBV	1082845	1052157	13.16%	0.966%
9	6.853	450	452	455	rBV	2153210	2917316	36.49%	2.677%
10	7.276	486	489	491	rBV	2246351	2531411	31.67%	2.323%
11	7.985	549	551	554	rBV	1124290	1513185	18.93%	1.389%
12	9.070	643	646	648	rBV	4449335	3890467	48.67%	3.570%
13	9.139	651	652	656	rVV3	47502	97399	1.22%	0.089%
14	9.470	677	681	683	rBV	1170468	1088543	13.62%	0.999%
15	9.608	690	693	694	rBV	259473	350167	4.38%	0.321%
16	9.653	696	697	698	rVV	111839	87317	1.09%	0.080%
17	9.688	698	700	701	rVV	107392	101547	1.27%	0.093%
18	9.745	702	705	706	rVV	1543010	1542505	19.30%	1.416%
19	9.779	706	708	711	rVB2	97495	139542	1.75%	0.128%
20	9.951	721	723	727	rVB	50188	90195	1.13%	0.083%
21	10.076	732	734	736	rVV3	58391	80926	1.01%	0.074%
22	10.145	739	740	742	rVV2	120362	122806	1.54%	0.113%
23	10.191	742	744	748	rVV2	122166	227581	2.85%	0.209%
24	10.293	751	753	757	rBV	92034	199451	2.50%	0.183%
25	10.408	761	763	765	rVV2	62533	86398	1.08%	0.079%
26	10.533	771	774	776	rBV	2048656	1967019	24.61%	1.805%
27	10.659	783	785	788	rBV	201945	321083	4.02%	0.295%
28	11.105	823	824	826	rBV2	180152	224989	2.81%	0.206%
29	11.219	832	834	835	rBV	919738	1069292	13.38%	0.981%
30	11.242	835	836	839	rVB	858932	1165209	14.58%	1.069%
31	11.299	839	841	843	rBV	417313	349508	4.37%	0.321%
32	11.345	843	845	846	rBV2	94965	145109	1.82%	0.133%
33	11.459	854	855	859	rBV	332519	390953	4.89%	0.359%
34	11.722	876	878	879	rBV	234488	355579	4.45%	0.326%

LSC Area Percent Report

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Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.756	879	881	884	rVV	362533	689950	8.63%	0.633%
36	11.836	886	888	892	rVB2	802943	1034065	12.94%	0.949%
37	12.019	902	904	905	rBV	152286	142842	1.79%	0.131%
38	12.317	928	930	933	rVB2	184931	172042	2.15%	0.158%
39	12.362	933	934	936	rBV2	189095	294151	3.68%	0.270%
40	12.442	938	941	943	rBV	4619470	4916984	61.51%	4.512%
41	12.579	951	953	958	rBV2	240869	597001	7.47%	0.548%
42	12.671	958	961	963	rBV	4640053	6531099	81.70%	5.994%
43	12.785	969	971	972	rBV	274629	310598	3.89%	0.285%
44	12.819	972	974	977	rVB2	3064470	3560161	44.54%	3.267%
45	12.991	987	989	991	rVB	748564	1128838	14.12%	1.036%
46	13.059	993	995	997	rVV2	1119726	1531342	19.16%	1.405%
47	13.094	997	998	1002	rVB2	546904	999941	12.51%	0.918%
48	13.254	1010	1012	1016	rVB2	448215	818905	10.24%	0.752%
49	13.505	1032	1034	1036	rVB	440802	510924	6.39%	0.469%
50	13.562	1037	1039	1041	rVB	426826	411817	5.15%	0.378%
51	13.608	1041	1043	1045	rBV	584667	1144008	14.31%	1.050%
52	13.722	1051	1053	1056	rVB	651740	929511	11.63%	0.853%
53	13.860	1062	1065	1067	rBV2	3137400	6327524	79.15%	5.807%
54	13.894	1067	1068	1072	rVB	2555384	3662797	45.82%	3.361%
55	13.974	1073	1075	1077	rVB	1066510	899037	11.25%	0.825%
56	14.214	1095	1096	1097	rBV	327531	401857	5.03%	0.369%
57	14.374	1109	1110	1113	rVB3	567200	844611	10.57%	0.775%
58	14.557	1124	1126	1131	rBV4	374547	801708	10.03%	0.736%
59	14.888	1151	1155	1159	rBV	3405085	7993923	100.00%	7.336%
60	14.980	1161	1163	1164	rBV	593356	777836	9.73%	0.714%
61	15.163	1176	1179	1181	rVB	1849595	2879506	36.02%	2.643%
62	15.220	1181	1184	1186	rVV	3081327	3995890	49.99%	3.667%
63	15.265	1186	1188	1189	rVV	895959	1158756	14.50%	1.063%
64	15.300	1189	1191	1194	rVB	1232283	1675586	20.96%	1.538%
65	15.551	1211	1213	1217	rVB3	290672	457838	5.73%	0.420%
66	15.883	1240	1242	1250	rVB3	498808	1235138	15.45%	1.134%
67	16.260	1272	1275	1285	rVB7	553665	1589870	19.89%	1.459%
68	16.603	1300	1305	1307	rVB	1779827	3341087	41.80%	3.066%
69	16.740	1314	1317	1319	rBV	282640	567879	7.10%	0.521%
70	16.786	1319	1321	1324	rVB2	266268	515331	6.45%	0.473%
71	17.003	1335	1340	1344	rVB	1255379	2752986	34.44%	2.526%

LSC Area Percent Report

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.197	1354	1357	1365	rVB2	353922	958379	11.99%	0.880%
73	18.991	1510	1514	1522	rVB	315278	1029314	12.88%	0.945%
74	19.163	1525	1529	1533	rBV	167493	524828	6.57%	0.482%

Sum of corrected areas: 108966298

LSC Report - Integrated Chromatogram

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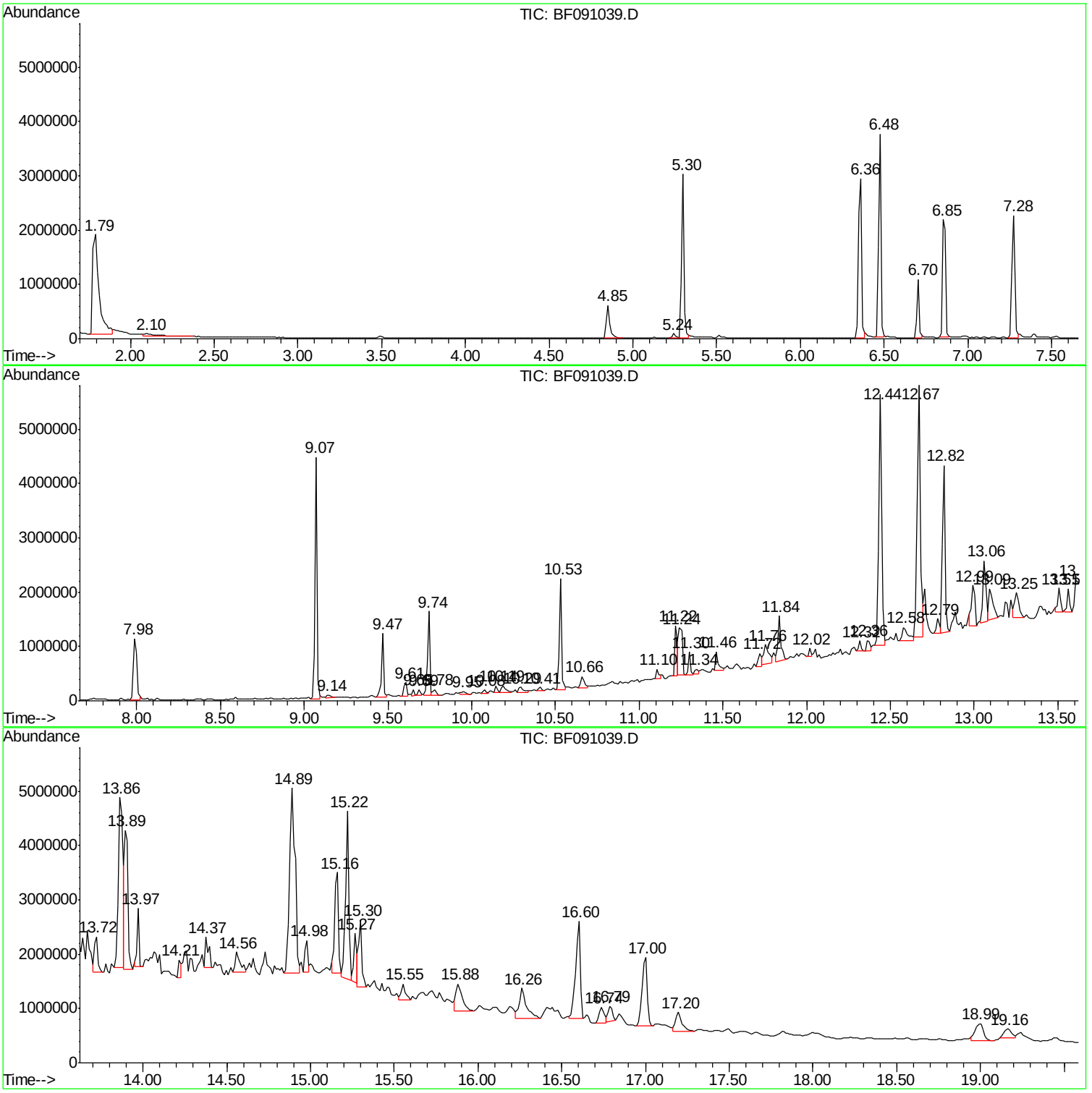
Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF110416\
Data File : BF091039.D
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Operator : UM/SJ
Sample : H5526-15
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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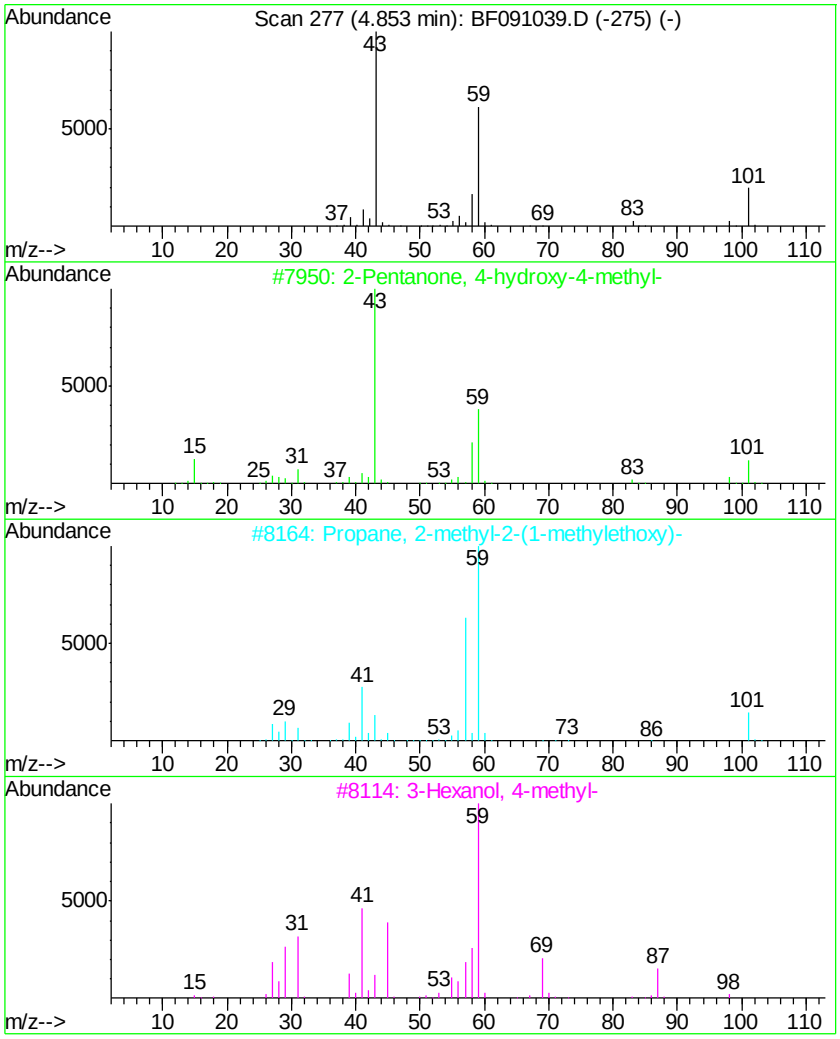
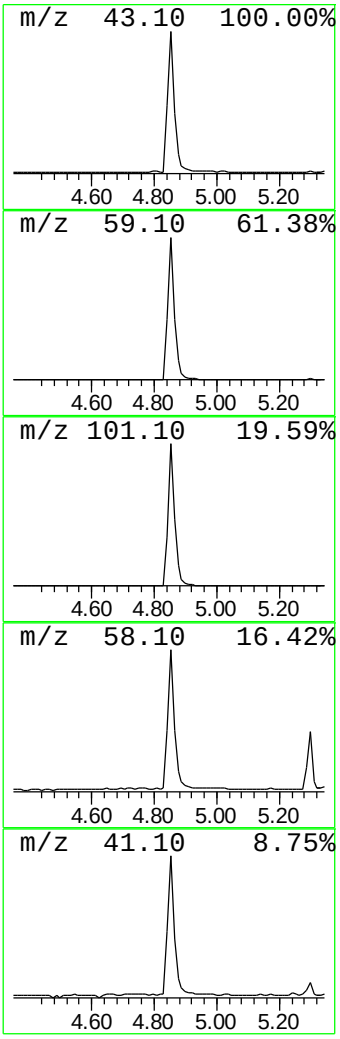
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	16.39 ng	862453	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091039.D
Acq On : 4 Nov 2016 23:52
Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

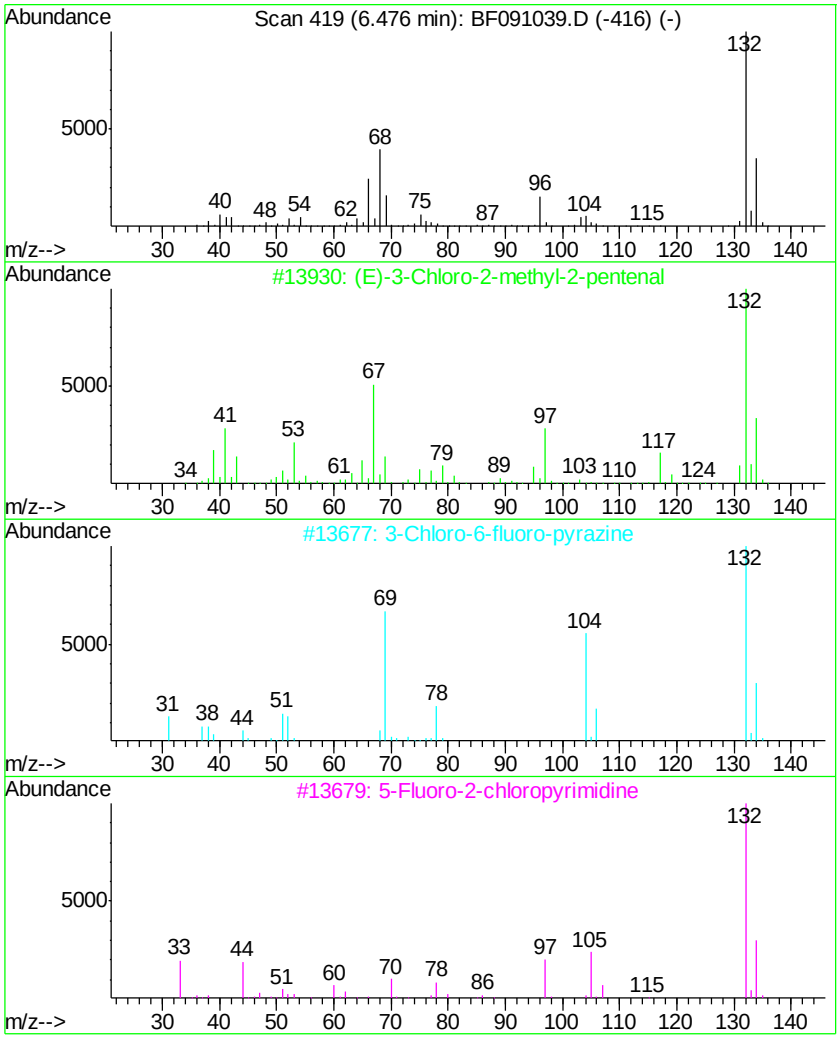
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

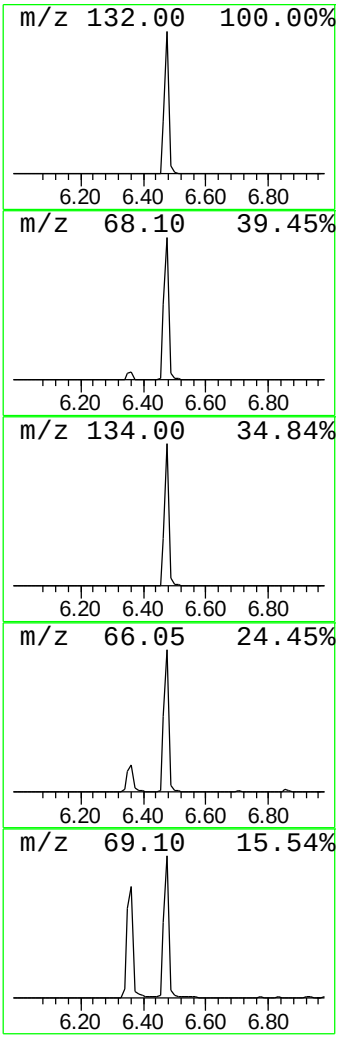
****

Peak Number 4 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	73.33 ng	3857930	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091039.D
Acq On : 4 Nov 2016 23:52
Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

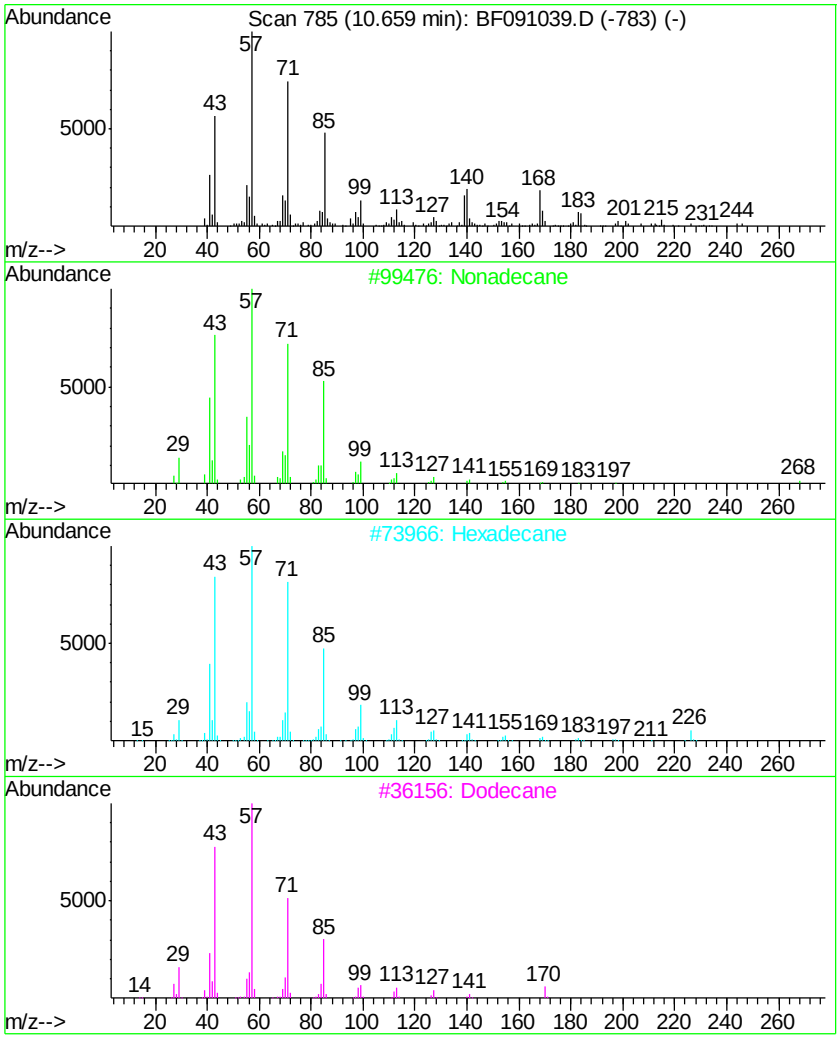
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

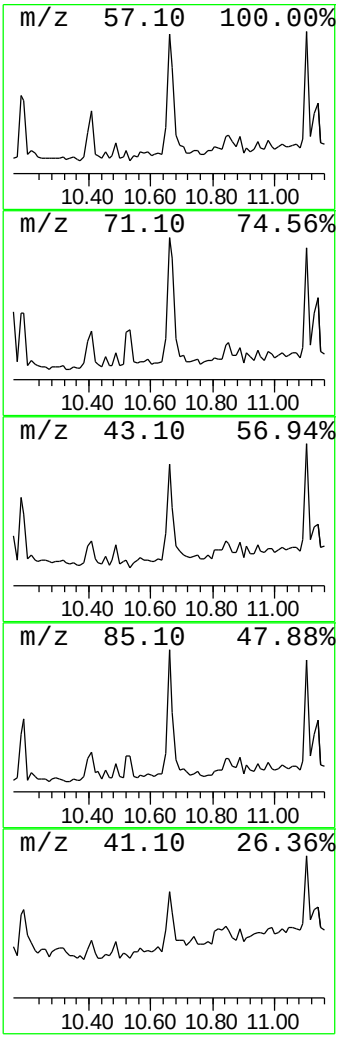
****

Peak Number 6 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.01 ng	321083	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Hexadecane	226	C16H34	000544-76-3	70
3	Dodecane	170	C12H26	000112-40-3	68
4	Heptadecane	240	C17H36	000629-78-7	68
5	Heneicosane	296	C21H44	000629-94-7	68





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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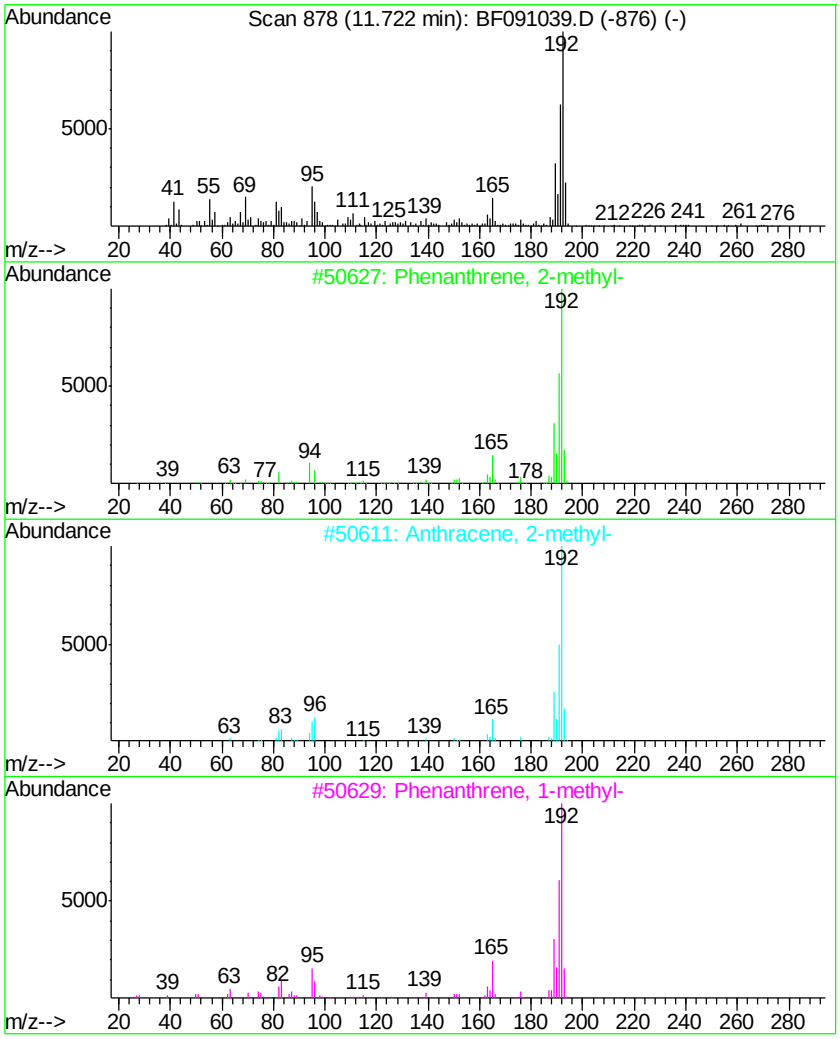
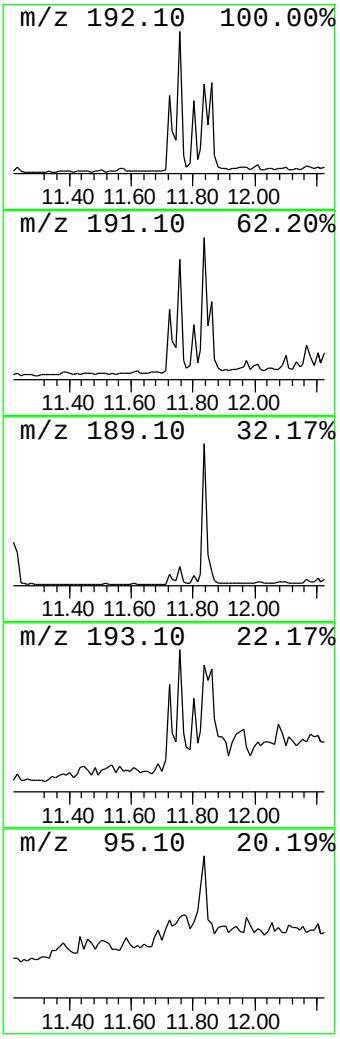
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.65 ng	355579	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

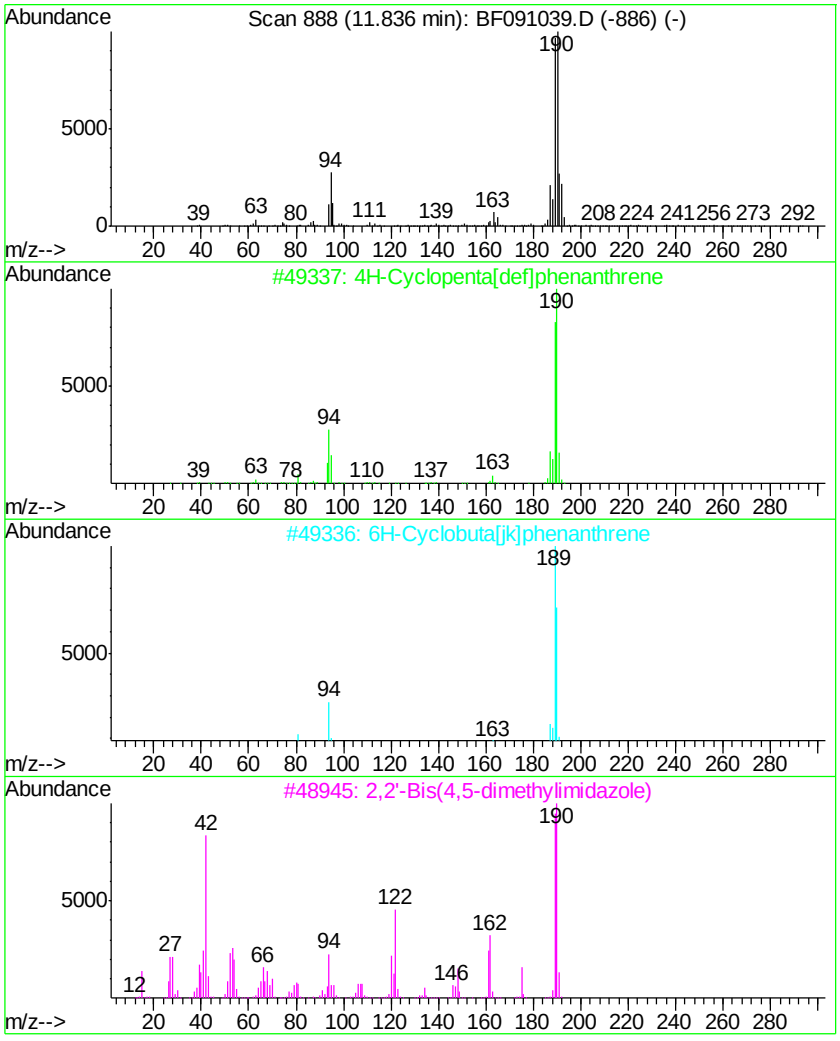
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

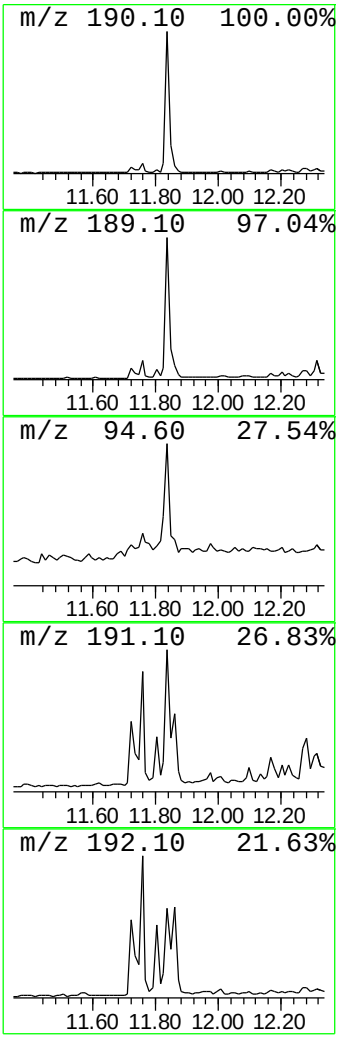
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	19.34 ng	1034070	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	10





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Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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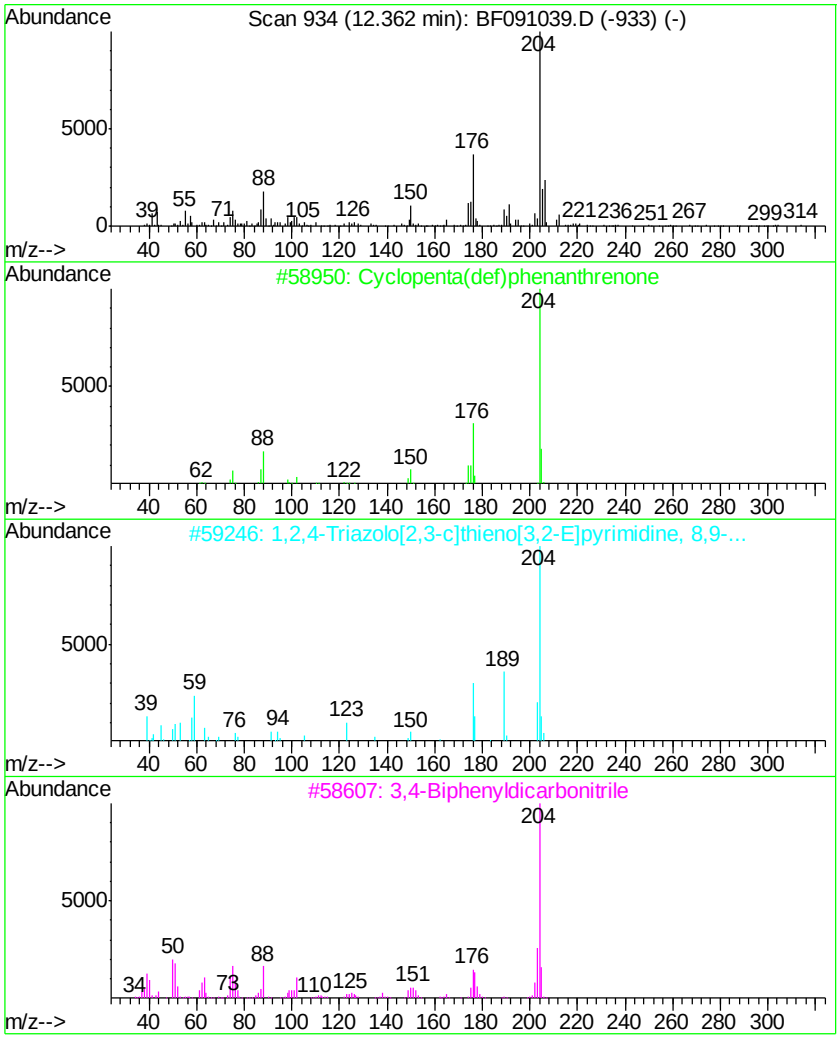
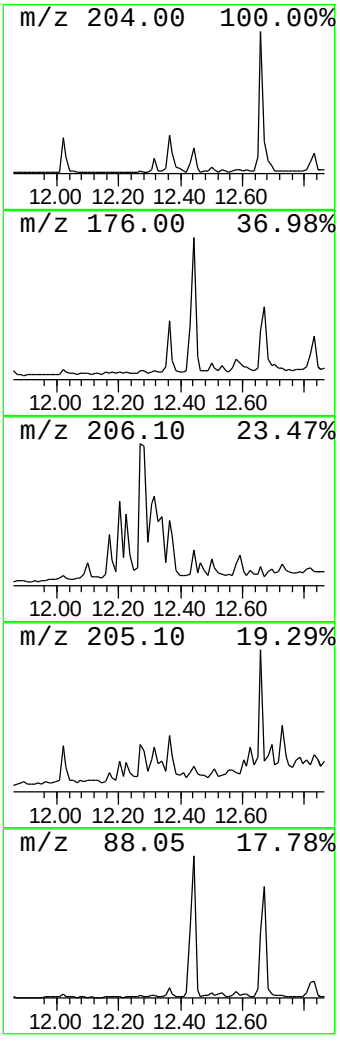
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.50 ng	294151	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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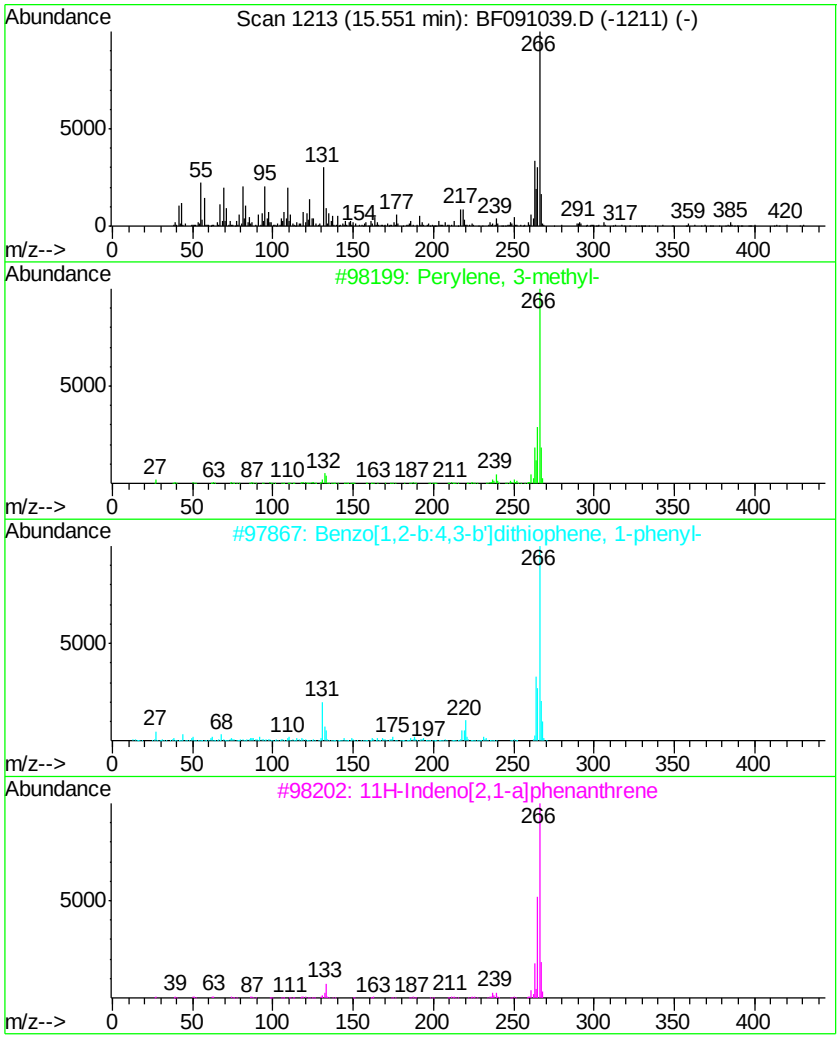
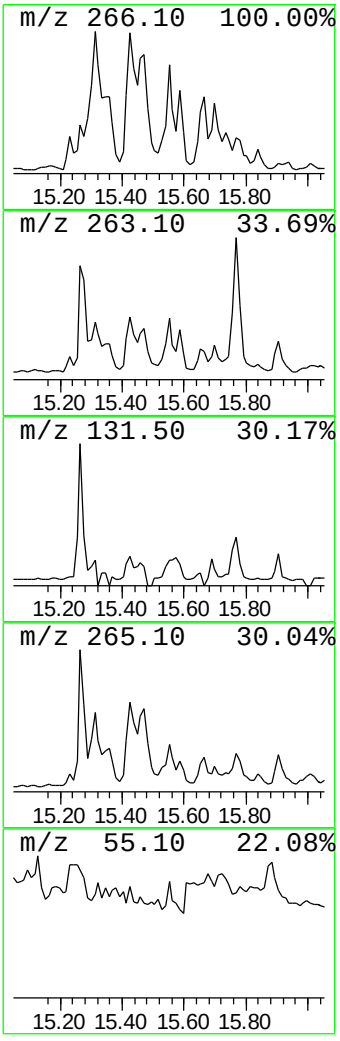
Peak Number 13 unknown15.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	7.90 ng	457838	Perylene-d12	15.27

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	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	43
4	trans-4'-Amino-4-(dimethylamino)...	266	C17H18N2O	1000234-51-4	38
5	(1-Cyclohexenyl)ferrocene	266	C16H18Fe	033183-07-2	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091039.D
Acq On : 4 Nov 2016 23:52
Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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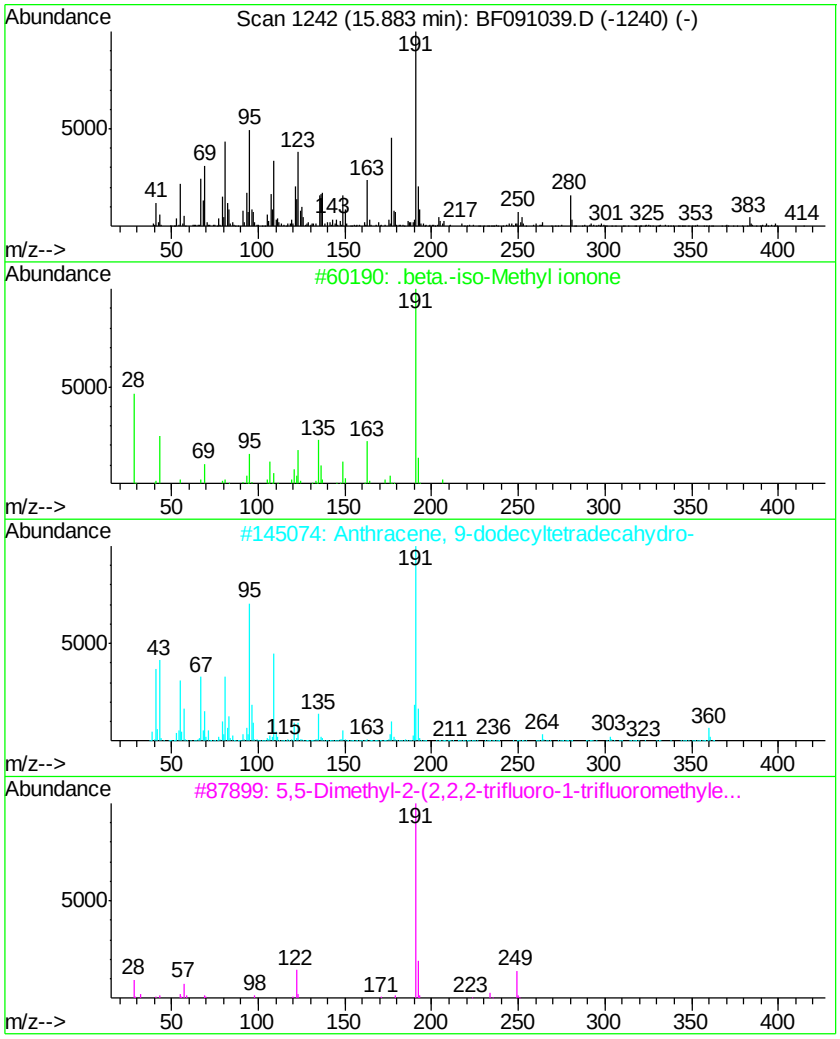
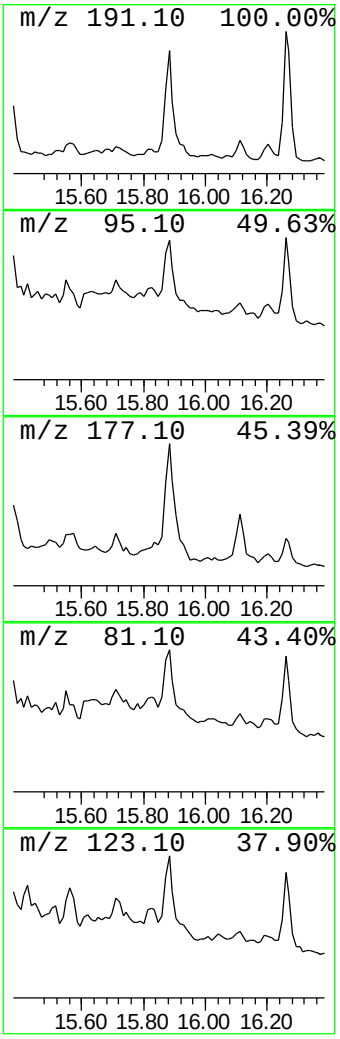
Peak Number 14 unknown15.88 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	21.32 ng	1235140	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	42
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3	5,5-Dimethyl-2-(2,2,2-trifluoro-...	249	C8H9F6NO	020967-43-5	27
4	Amiphenazole	191	C9H9N3S	000490-55-1	27
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	25





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Data File : BF091039.D
Acq On : 4 Nov 2016 23:52
Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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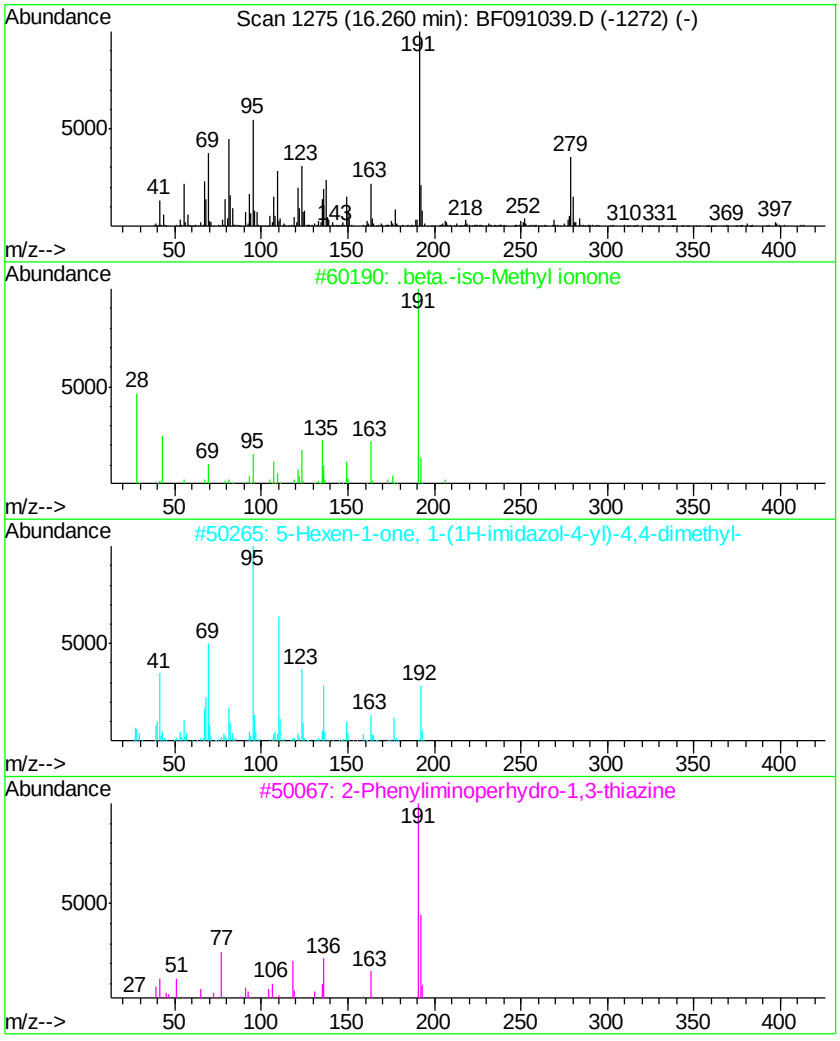
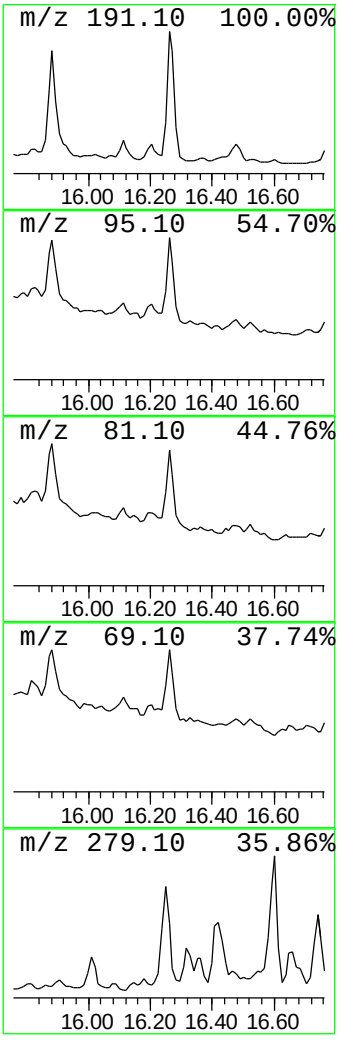
Peak Number 15 unknown16.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	27.44 ng	1589870	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	38
3	2-Phenyliminoperhydro-1,3-thiazine	192	C10H12N2S	1000138-91-3	27
4	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	25
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	25





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Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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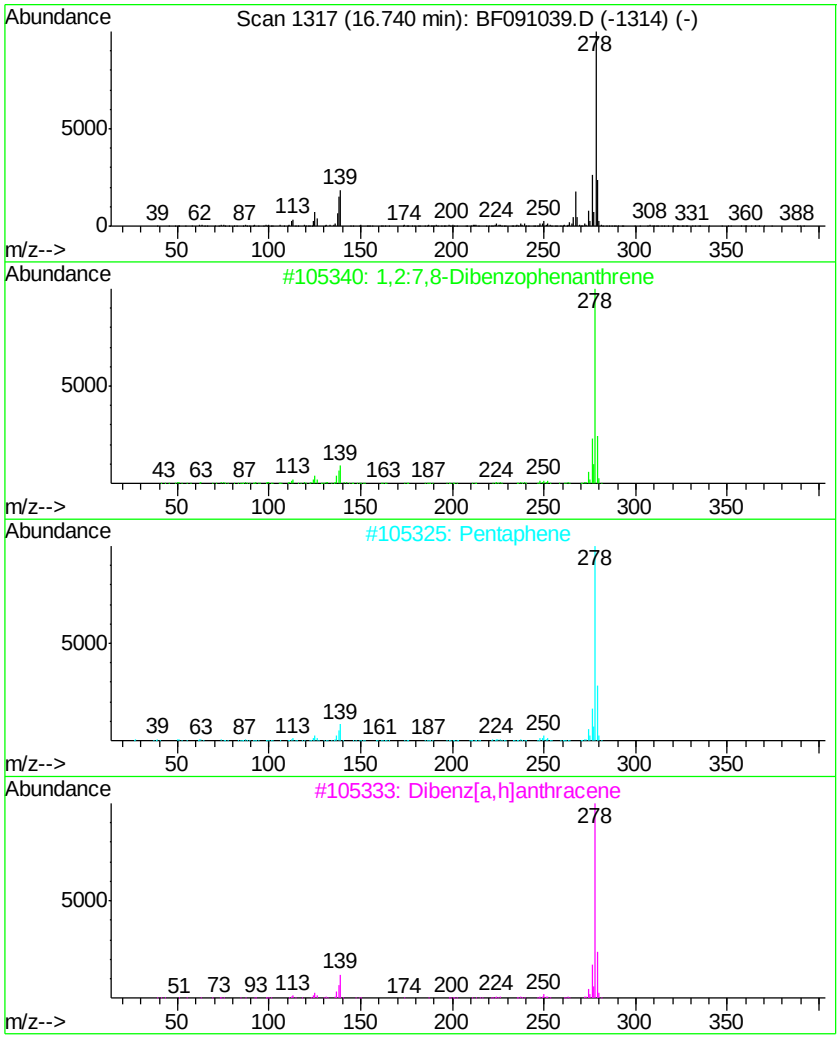
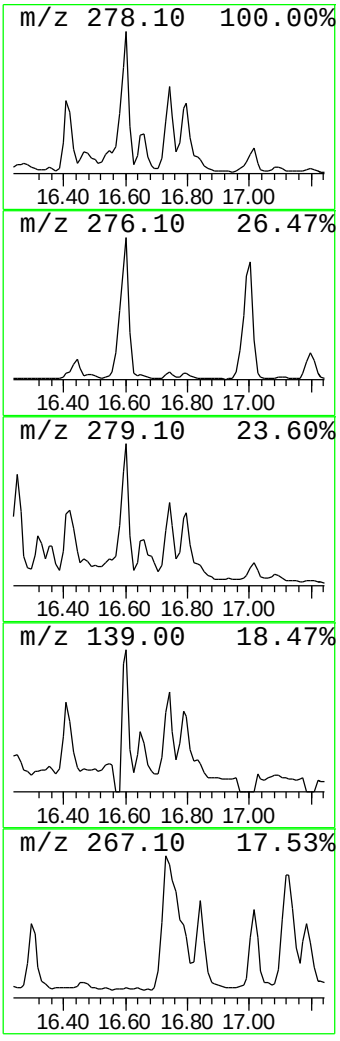
Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	9.80 ng	567879	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Pentaphene	278	C22H14	000222-93-5	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Benzo[b]chrysene	278	C22H14	000214-17-5	97
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	97





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Operator : UM/SJ
Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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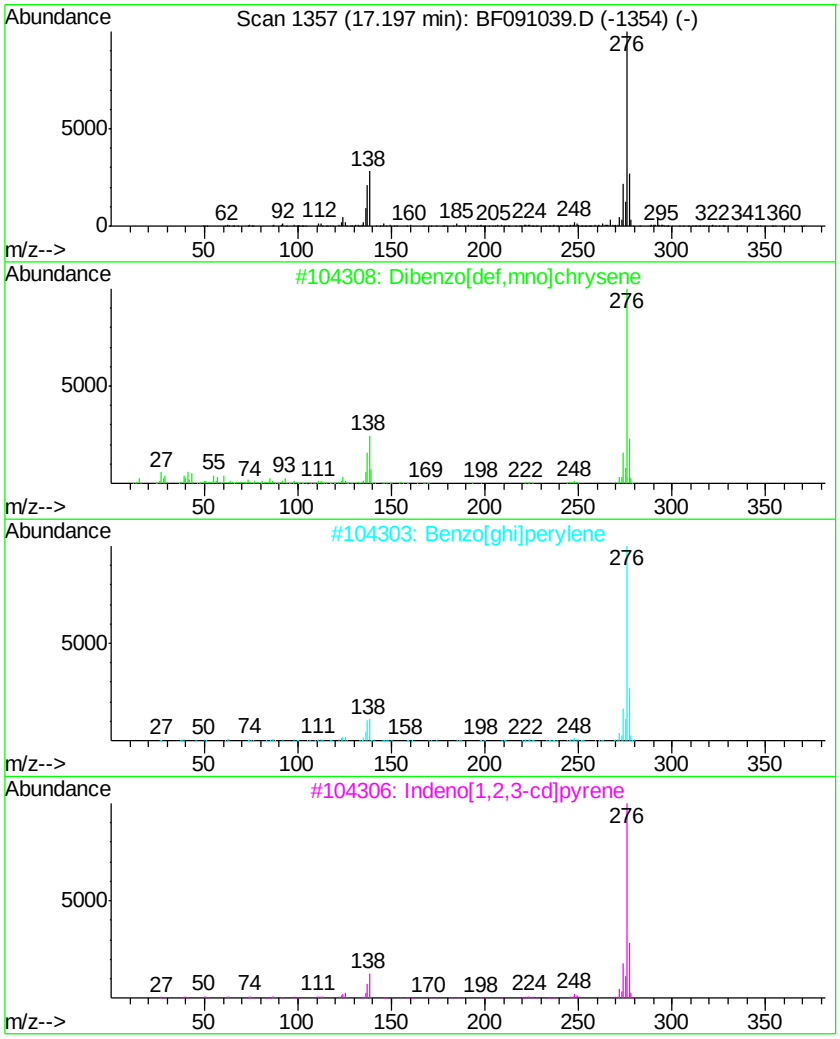
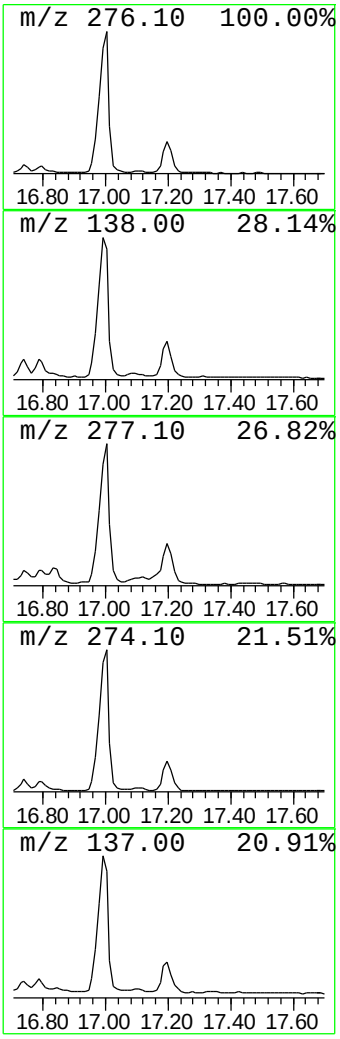
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	16.54 ng	958379	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	92
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	80
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	46





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Sample : H5526-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-105-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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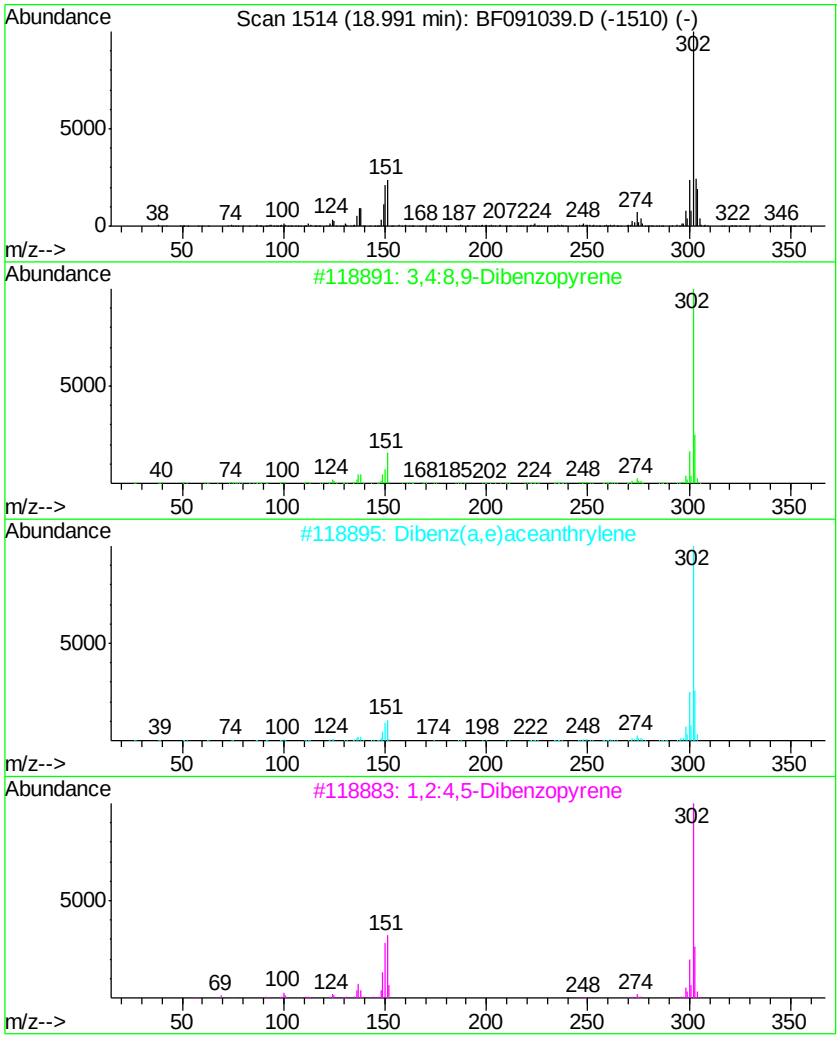
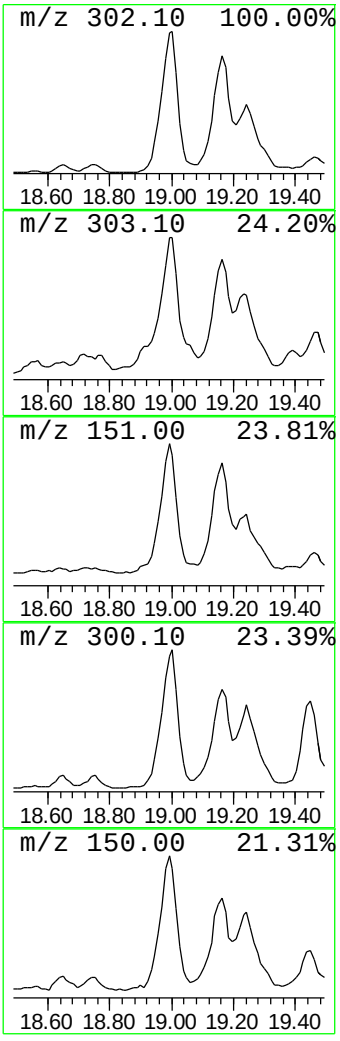
Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	17.77 ng	1029310	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	62





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.85	16.4	ng	862453	1	6.70	1052160	20.0
unknown6.48	6.48	73.3	ng	3857930	1	6.70	1052160	20.0
Nonadecane	10.66	6.0	ng	321083	4	11.22	1069290	20.0
Phenanthrene, 2-m...	11.72	6.7	ng	355579	4	11.22	1069290	20.0
4H-Cyclopenta[def...	11.84	19.3	ng	1034070	4	11.22	1069290	20.0
Cyclopenta(def)ph...	12.36	5.5	ng	294151	4	11.22	1069290	20.0
unknown15.55	15.55	7.9	ng	457838	6	15.27	1158760	20.0
unknown15.88	15.88	21.3	ng	1235140	6	15.27	1158760	20.0
unknown16.26	16.26	27.4	ng	1589870	6	15.27	1158760	20.0
1,2:7,8-Dibenzoph...	16.74	9.8	ng	567879	6	15.27	1158760	20.0
Dibenzo[def,mno]c...	17.20	16.5	ng	958379	6	15.27	1158760	20.0
3,4:8,9-Dibenzopy...	18.99	17.8	ng	1029310	6	15.27	1158760	20.0