LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

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-BF120916.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	4.956	248	251	260	rBV	1575928	2357785	28.96%	1.724%
2	5.356	283	286	287	rBV	191427	332886	4.09%	0.243%
3	5.390	287	289	292	rVB	5578809	5653313	69.43%	4.135%
4	6.384	374	376	377	rBV2	98325	126533	1.55%	0.093%
5	6.430	377	380	382	rVB	5441119	6046879	74.27%	4.423%
6	6.556	388	391	393	rBV	6321207	5855899	71.92%	4.283%
7	6.613	393	396	399	rVB	227071	251632	3.09%	0.184%
8	6.784	409	411	413	rBV	1886685	1606045	19.72%	1.175%
9	6.944	422	425	427	rVV	5064299	4948744	60.78%	3.619%
10	7.047	431	434	435	rBV2	53837	101072	1.24%	0.074%
11	7.356	457	461	463	rBV	3004689	4173300	51.26%	3.052%
12	8.076	521	524	528	rBV2	1480940	2435063	29.91%	1.781%
13	8.785	583	586	588	rVB	258493	217147	2.67%	0.159%
14	8.876	593	594	597	rVB	90832	113585	1.40%	0.083%
15	9.150	615	618	620	rBV	6245954	5431937	66.71%	3.973%
16	9.242	620	626	628	rBV2	89851	155941	1.92%	0.114%
17	9.413	638	641	643	rBV2	95581	153054	1.88%	0.112%
18	9.482	645	647	648	rBV	197428	186550	2.29%	0.136%
19	9.550	651	653	655	rVV	917107	1220148	14.99%	0.892%
20	9.596	655	657	660	rVB	76703	114363	1.40%	0.084%
21	9.688	662	665	667	rBV	425924	483820	5.94%	0.354%
22	9.768	670	672	674	rVB	143531	128416	1.58%	0.094%
23	9.825	674	677	678	rBV	2365337	2099396	25.78%	1.535%
24	9.859	678	680	682	rVV	910932	891450	10.95%	0.652%
25	9.985	688	691	693	rBV3	74958	134395	1.65%	0.098%
26	10.031	693	695	697	rVB	354029	372849	4.58%	0.273%
27	10.236	710	713	714	rBV	117769	144048	1.77%	0.105%
28	10.259	714	715	717	rVB2	143391	183303	2.25%	0.134%
29	10.373	723	725	728	rVB	383521	549909	6.75%	0.402%
30	10.431	728	730	731	rBV	108331	160698	1.97%	0.118%
31	10.488	733	735	737	rVV2	98315	225056	2.76%	0.165%
32	10.522	737	738	741	rVV	139324	212673	2.61%	0.156%
33	10.613	743	746	748	rVV	3124969	3262797	40.07%	2.386%
34	10.739	754	757	760	rBV	383701	489701	6.01%	0.358%

LSC Area Percent Report

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Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.922	769	773	774	rBV3	104225	234476	2.88%	0.171%
36	10.991	778	779	781	rVV	69240	98315	1.21%	0.072%
37	11.071	781	786	787	rVV4	109580	305627	3.75%	0.224%
38	11.105	787	789	792	rVB	262269	316111	3.88%	0.231%
39	11.162	792	794	795	rBV	128393	218194	2.68%	0.160%
40	11.185	795	796	800	rVB2	341402	628843	7.72%	0.460%
41	11.333	804	809	811	rBV2	5537746	6744472	82.83%	4.933%
42	11.379	811	813	815	rVV	1704872	1458221	17.91%	1.067%
43	11.414	815	816	818	rVB	264541	209933	2.58%	0.154%
44	11.539	823	827	828	rBV2	569312	676034	8.30%	0.494%
45	11.608	831	833	834	rVV2	293077	277722	3.41%	0.203%
46	11.631	834	835	837	rVB2	133309	145243	1.78%	0.106%
47	11.722	841	843	845	rVB	89985	123475	1.52%	0.090%
48	11.756	845	846	848	rBV2	84808	125114	1.54%	0.092%
49	11.802	848	850	852	rBV	669457	1002418	12.31%	0.733%
50	11.836	852	853	855	rVV	1134050	1056716	12.98%	0.773%
51	11.882	855	857	858	rVV2	465956	421063	5.17%	0.308%
52	11.916	858	860	864	rVB2	1358880	1936567	23.78%	1.416%
53	12.019	864	869	872	rBV7	217097	540999	6.64%	0.396%
54	12.076	872	874	875	rBV2	56155	108117	1.33%	0.079%
55	12.122	875	878	880	rVB2	616396	1134284	13.93%	0.830%
56	12.248	887	889	891	rBV	238571	312609	3.84%	0.229%
57	12.282	891	892	893	rVV	227680	165985	2.04%	0.121%
58	12.362	896	899	900	rBV	452299	681484	8.37%	0.498%
59	12.396	900	902	904	rVV2	311058	594225	7.30%	0.435%
60	12.442	904	906	908	rVB	477763	534607	6.57%	0.391%
61	12.522	910	913	915	rBV	6859433	6897434	84.71%	5.045%
62	12.568	915	917	919	rBV2	184341	345124	4.24%	0.252%
63	12.614	919	921	922	rVB	130873	146233	1.80%	0.107%
64	12.659	922	925	930	rBV4	234546	650306	7.99%	0.476%
65	12.751	930	933	935	rBV	6314179	8142200	100.00%	5.955%
66	12.796	935	937	941	rVB2	378081	520321	6.39%	0.381%
67	12.865	941	943	944	rBV	588433	708783	8.71%	0.518%
68	12.899	944	946	948	rVB	3566291	4648418	57.09%	3.400%
69	12.968	948	952	953	rBV2	641822	970689	11.92%	0.710%
70	13.071	957	961	963	rVB2	1187834	2077992	25.52%	1.520%
71	13.139	963	967	968	rBV	1343100	1465815	18.00%	1.072%

LSC Area Percent Report

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Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.174	968	970	974	rVB2	1032176	1352493	16.61%	0.989%
73	13.265	977	978	980	rVB	413134	309756	3.80%	0.227%
74	13.299	980	981	986	rVB2	519414	570583	7.01%	0.417%
75	13.379	986	988	993	rBV4	568760	834548	10.25%	0.610%
76	13.471	993	996	997	rBV3	204016	453141	5.57%	0.331%
77	13.574	1003	1005	1008	rVB2	451165	678947	8.34%	0.497%
78	13.688	1012	1015	1016	rBV	728650	898182	11.03%	0.657%
79	13.722	1016	1018	1019	rVV	703483	882834	10.84%	0.646%
80	13.791	1022	1024	1027	rVB2	681017	950740	11.68%	0.695%
81	13.939	1034	1037	1039	rBV2	4412008	7352600	90.30%	5.378%
82	13.974	1039	1040	1043	rVB	3852146	3134977	38.50%	2.293%
83	14.054	1044	1047	1048	rBV2	467852	755582	9.28%	0.553%
84	14.168	1055	1057	1059	rBV2	361579	455848	5.60%	0.333%
85	14.294	1066	1068	1069	rBV2	253860	314763	3.87%	0.230%
86	14.328	1069	1071	1073	rVV	752969	719854	8.84%	0.526%
87	14.362	1073	1074	1076	rVB	416334	357520	4.39%	0.261%
88	14.420	1078	1079	1081	rBV2	451529	482722	5.93%	0.353%
89	14.968	1123	1127	1131	rBV	2248212	5230546	64.24%	3.826%
90	15.060	1133	1135	1137	rVB	652369	679321	8.34%	0.497%
91	15.242	1148	1151	1154	rVB	1416023	2034167	24.98%	1.488%
92	15.300	1154	1156	1159	rBV	1799590	2688887	33.02%	1.967%
93	15.357	1159	1161	1162	rVV	726594	918381	11.28%	0.672%
94	15.391	1162	1164	1167	rVB2	576585	902891	11.09%	0.660%
95	16.408	1251	1253	1261	rVB3	347489	953765	11.71%	0.698%
96	16.717	1277	1280	1284	rVB2	1011762	2158441	26.51%	1.579%
97	16.877	1292	1294	1297	rBV	233549	436458	5.36%	0.319%
98	16.934	1297	1299	1302	rBV	192357	407149	5.00%	0.298%
99	17.128	1313	1316	1322	rVB	850064	1801219	22.12%	1.317%
100	17.346	1332	1335	1340	rVB	254113	567136	6.97%	0.415%

Sum of corrected areas: 136728007

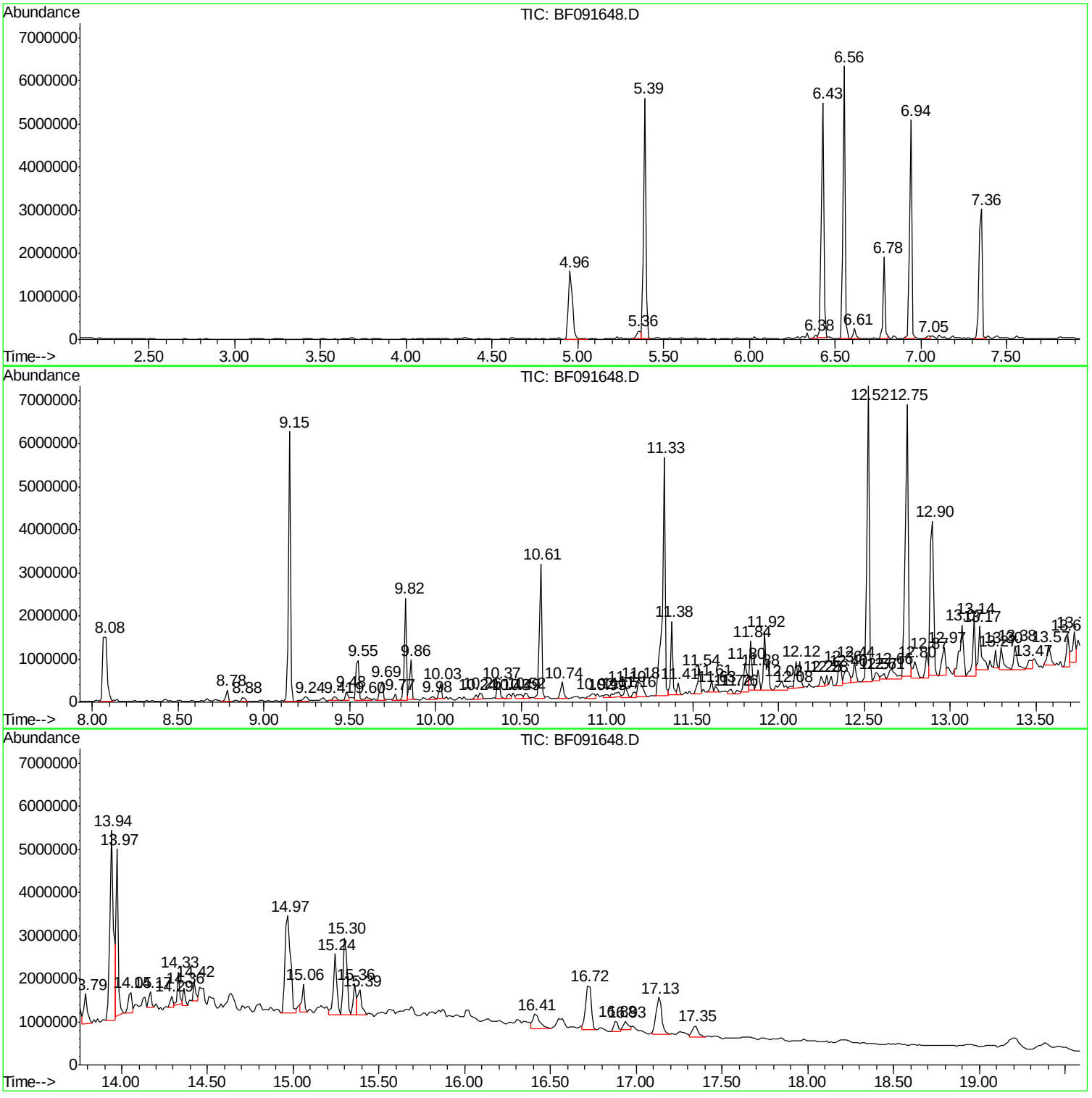
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

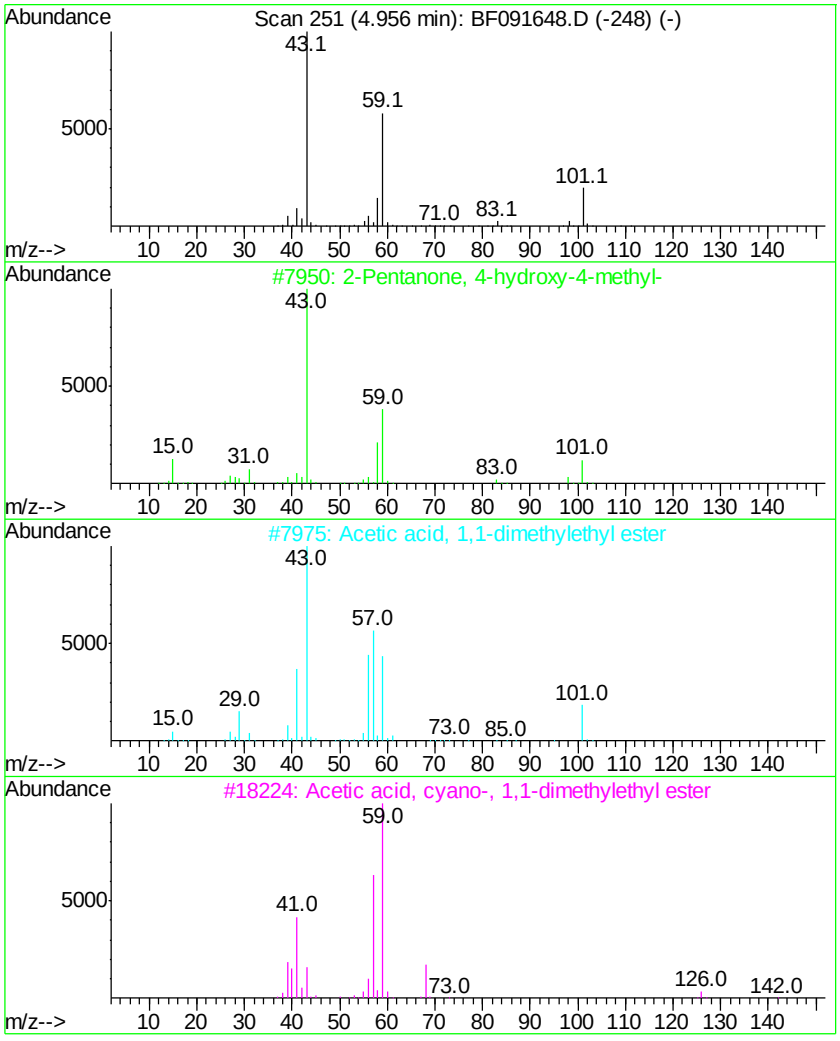
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

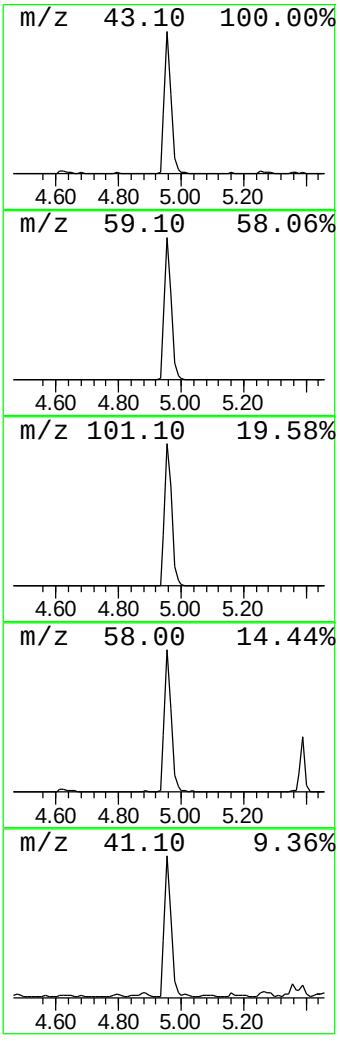
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	29.36 ng	2357790	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
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	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

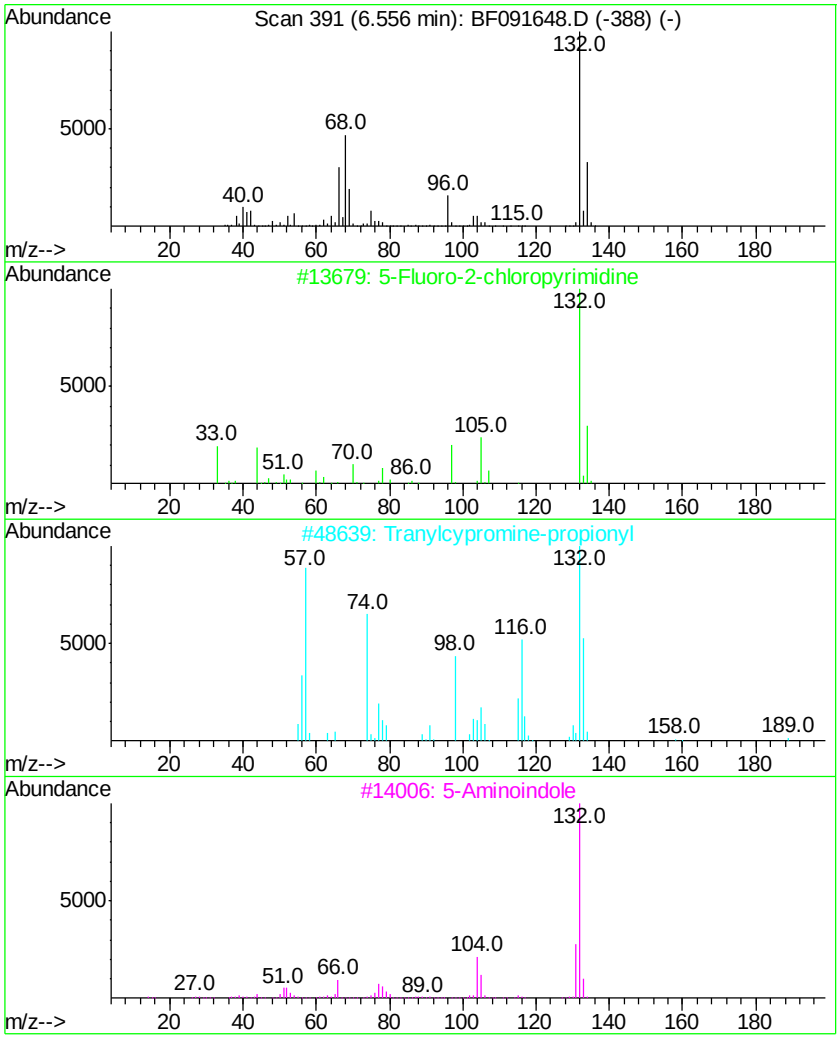
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

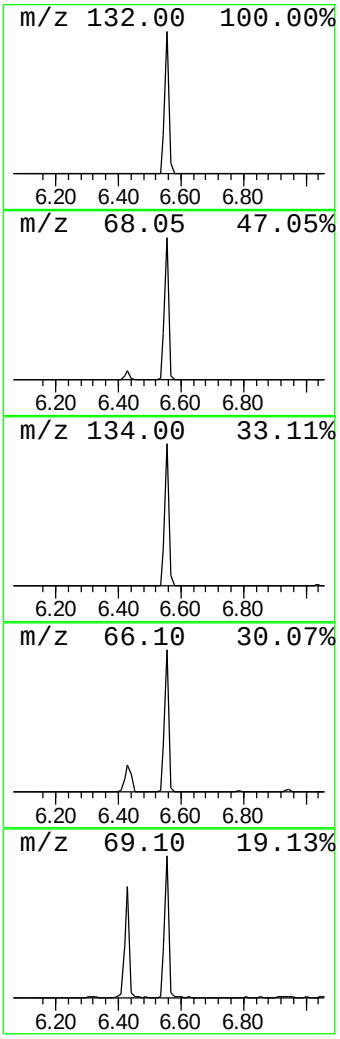
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	72.92 ng	5855900	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
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Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

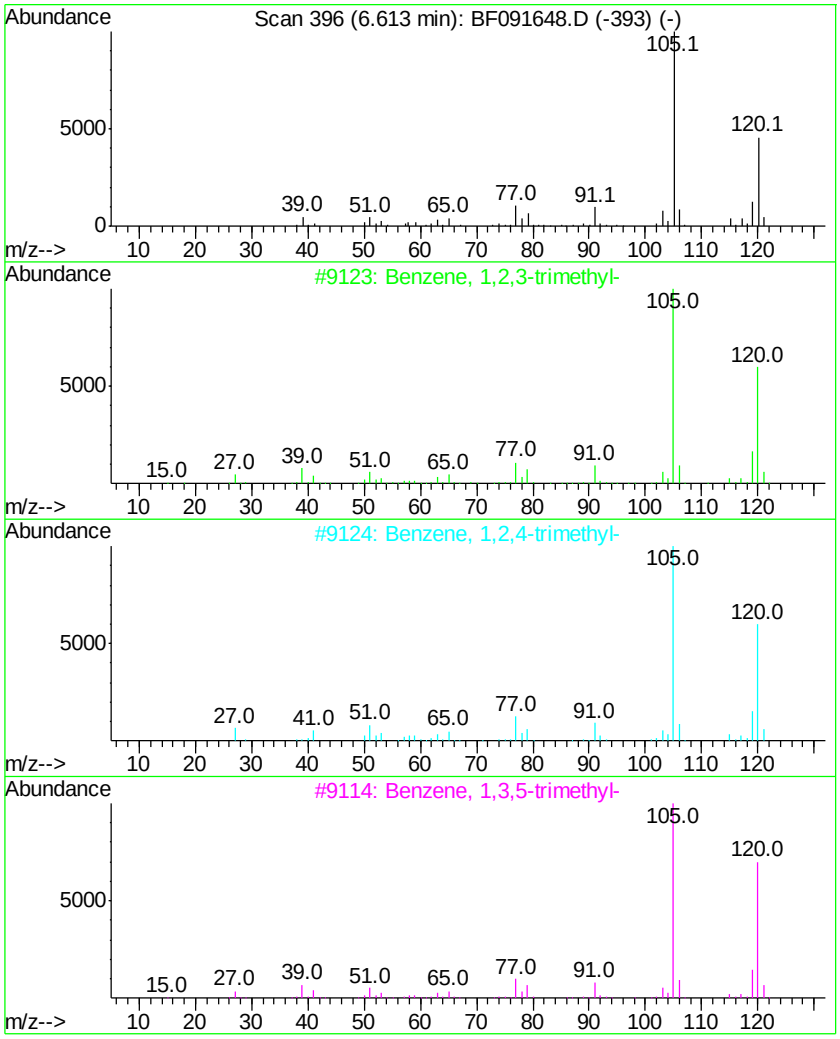
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

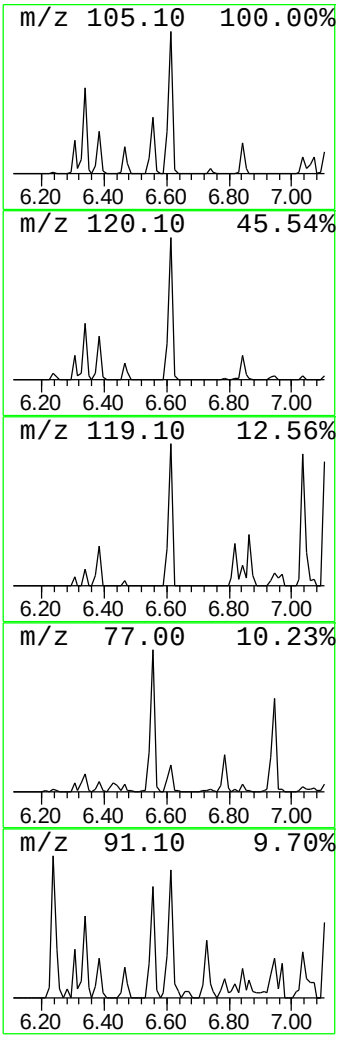
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.13 ng	251632	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

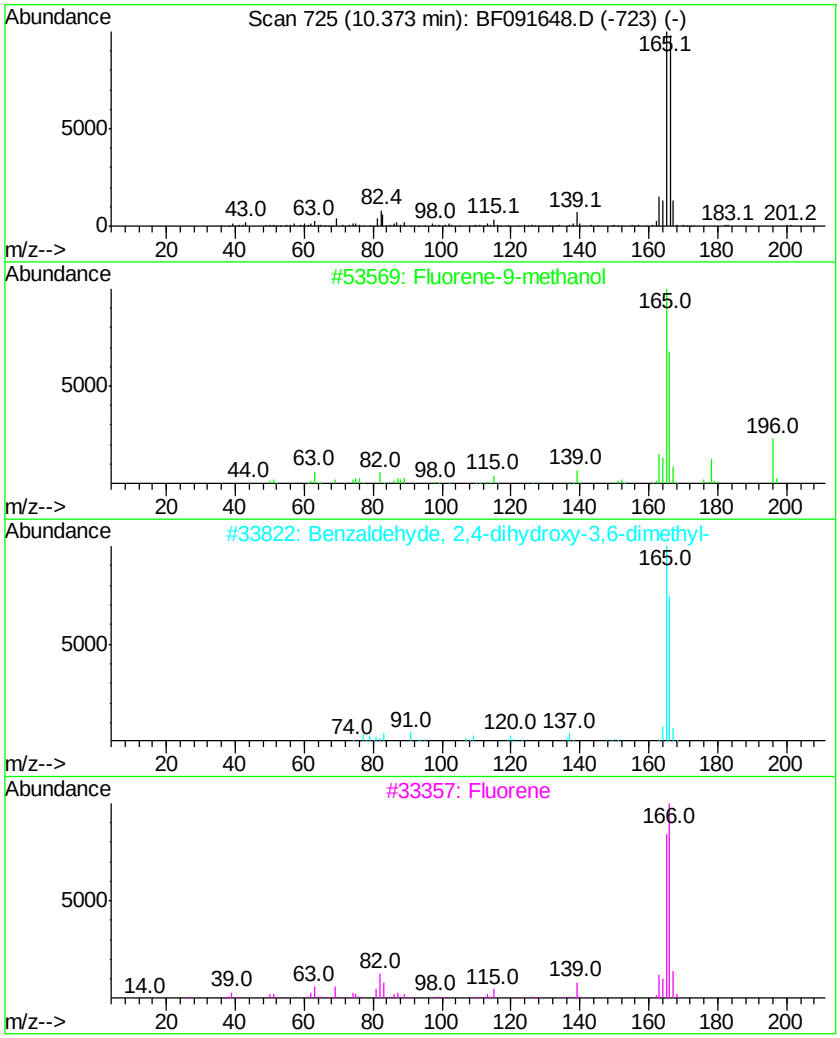
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

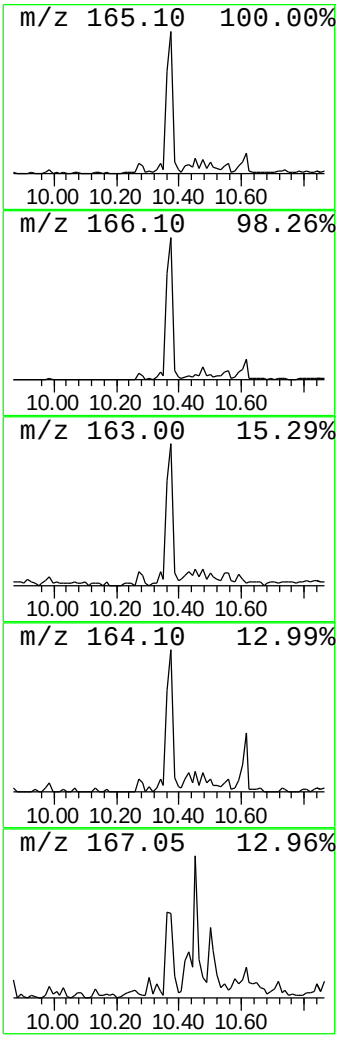
****

Peak Number 5 Fluorene-9-methanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	5.24 ng	549909	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene-9-methanol	196	C14H12O	024324-17-2	78
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	78
3	Fluorene	166	C13H10	000086-73-7	78
4	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	64
5	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

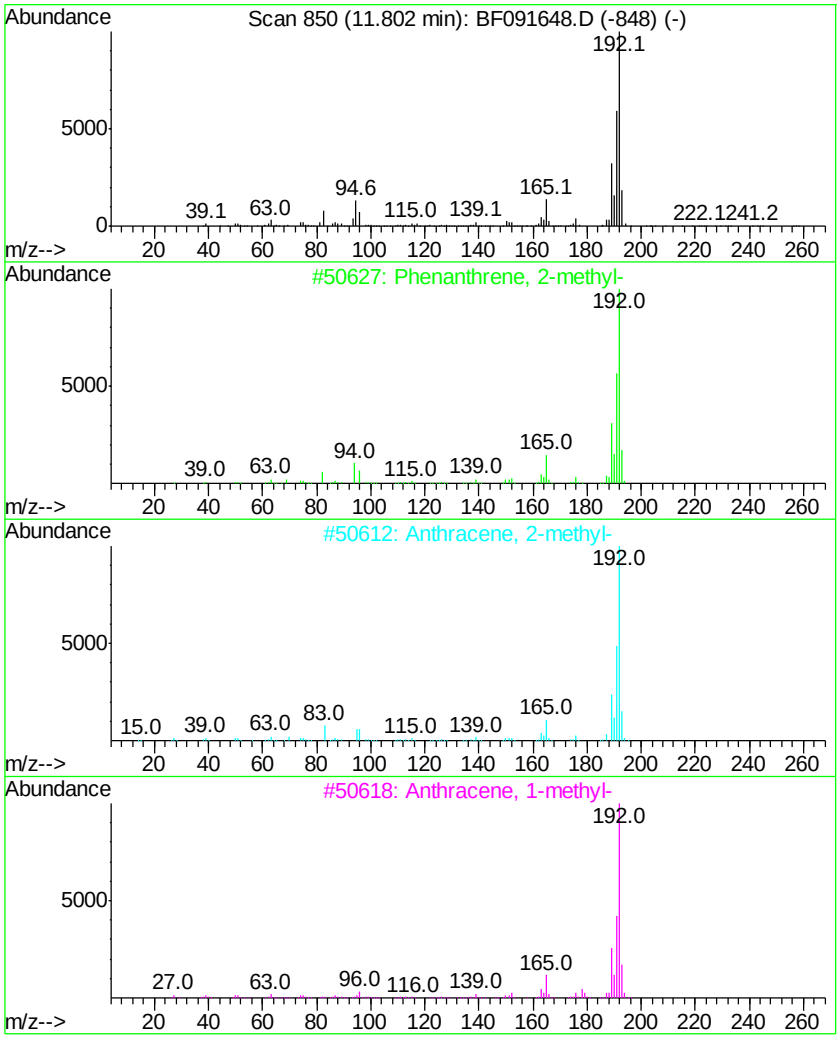
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

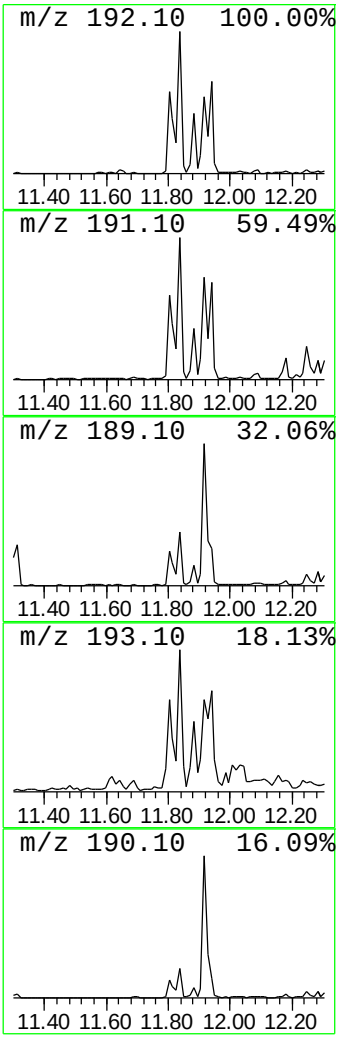
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.97 ng	1002420	Phenanthrene-d10	11.31

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	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
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Instrument : BNA_F
ClientSampleId : WC-6-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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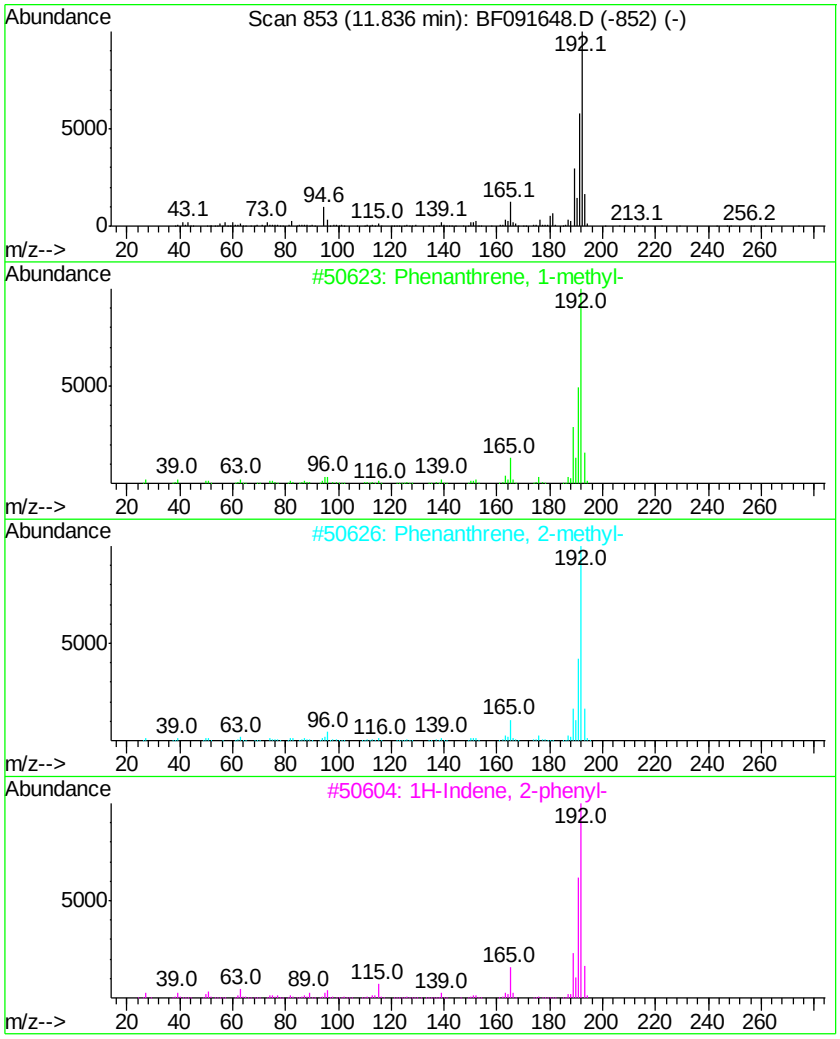
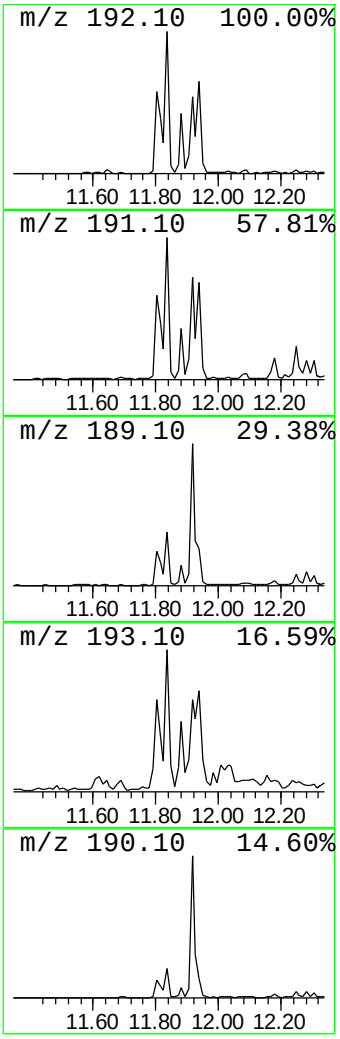
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.13 ng	1056720	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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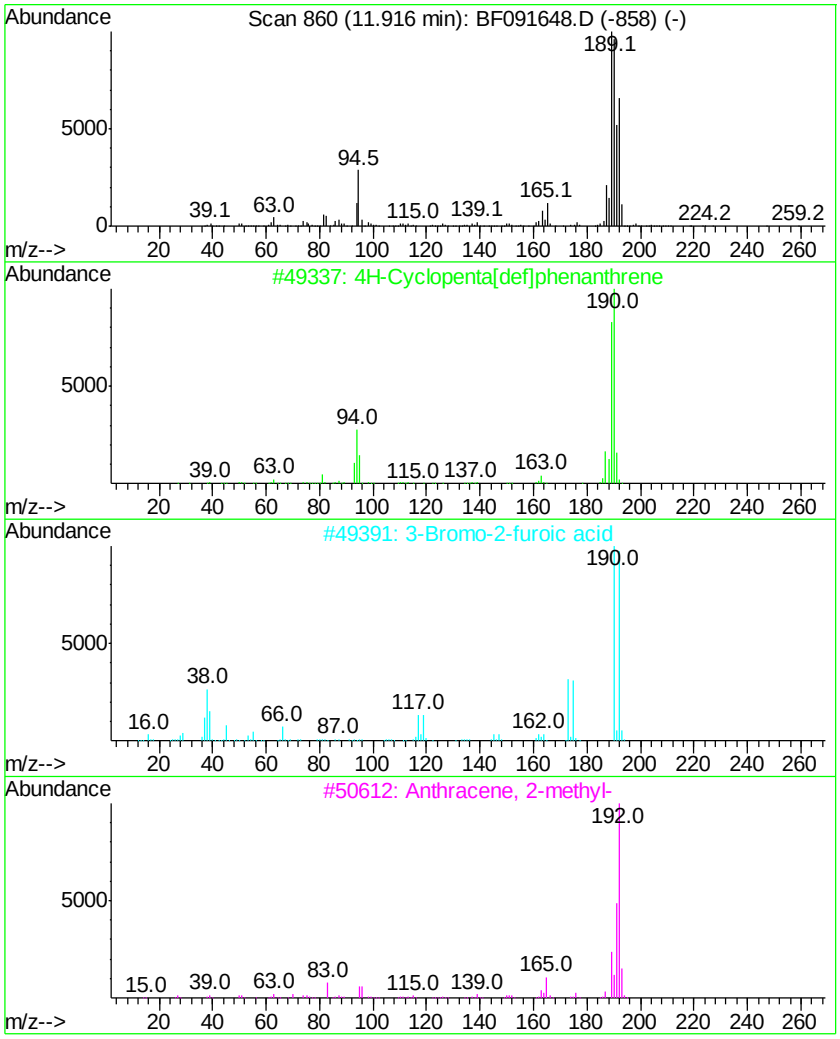
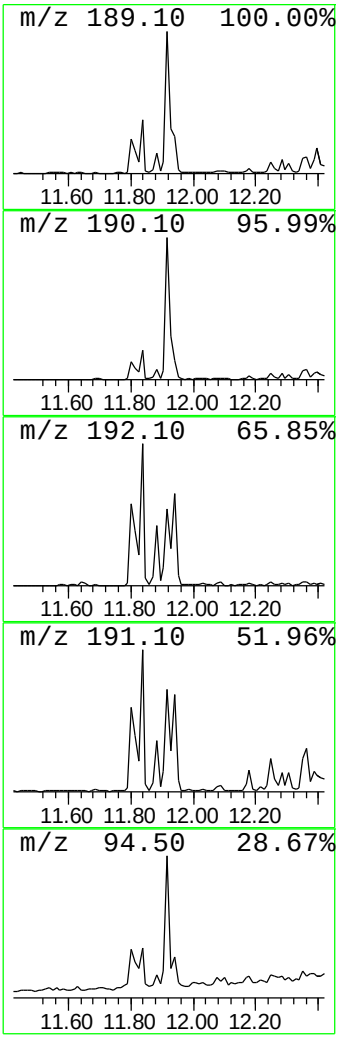
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.74 ng	1936570	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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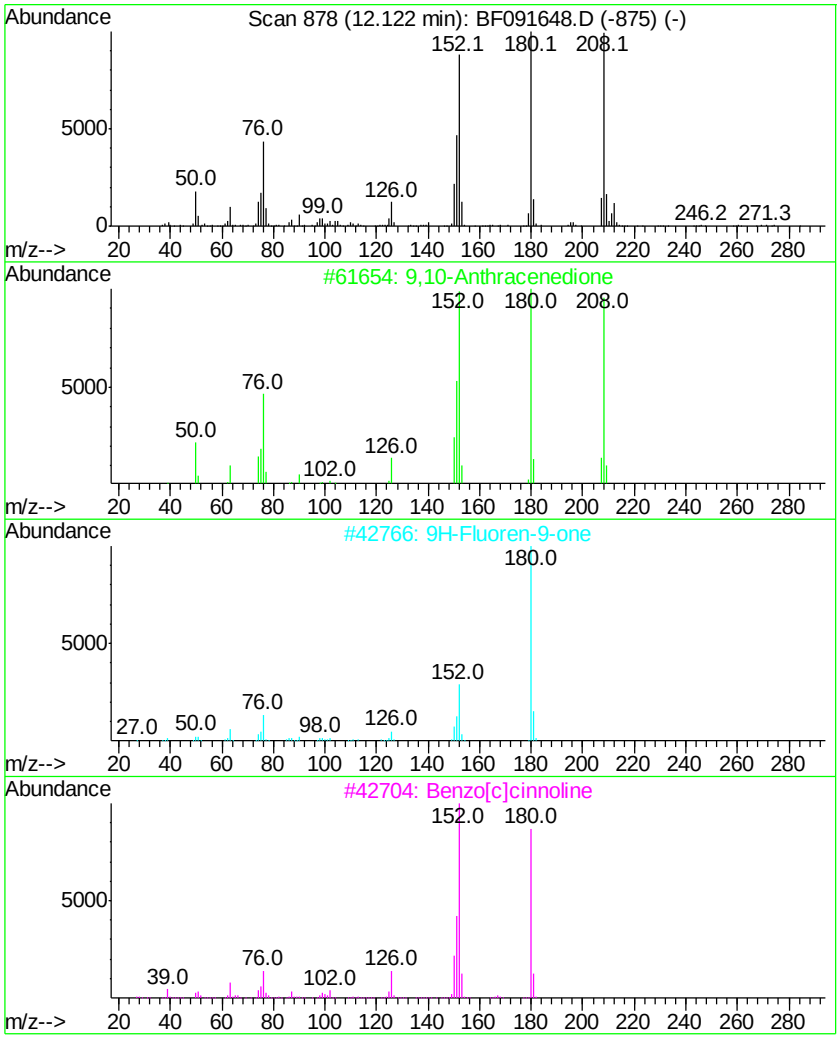
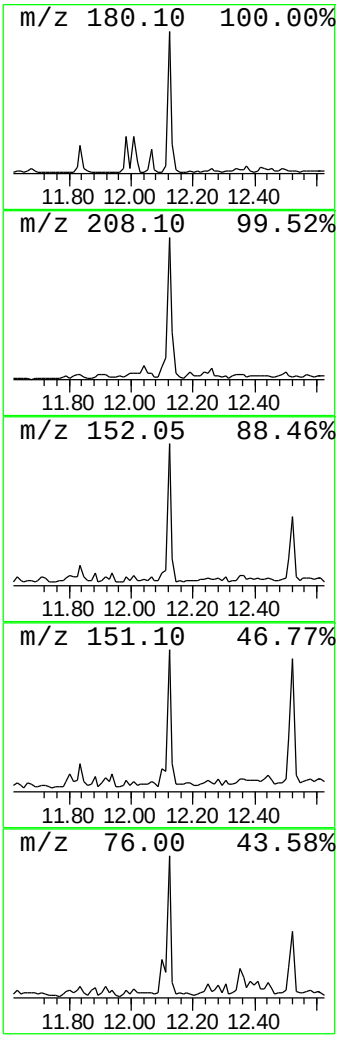
Peak Number 9 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.36 ng	1134280	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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

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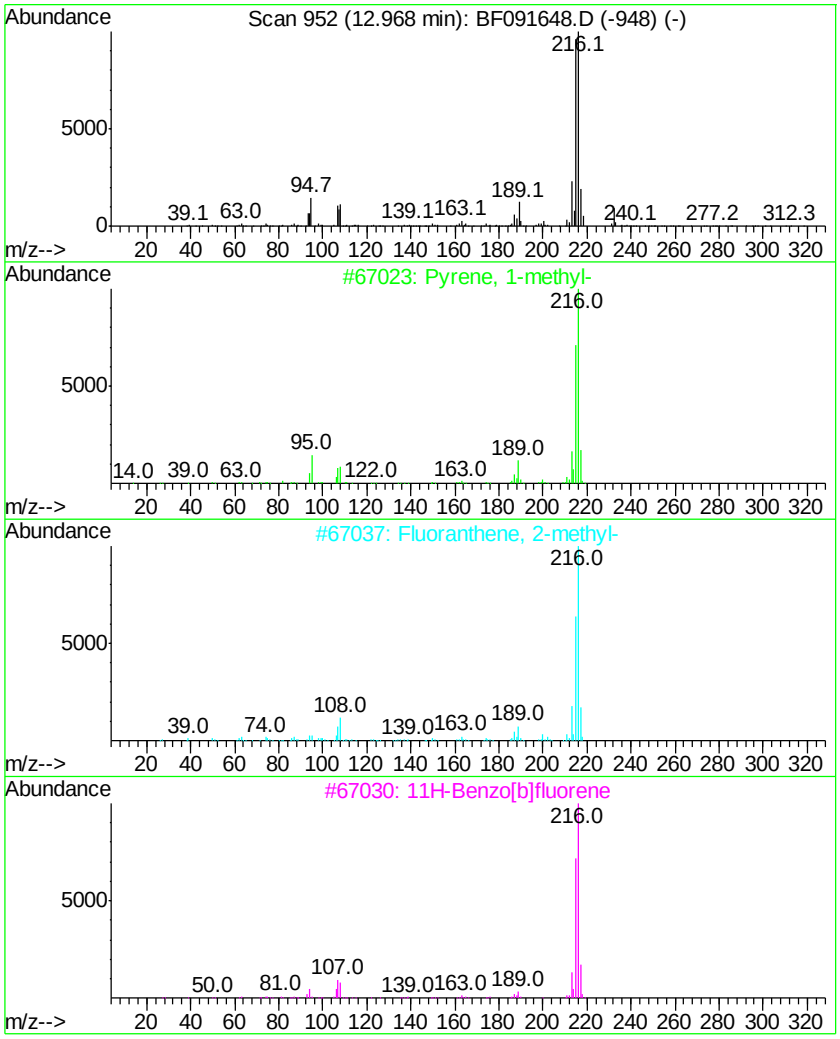
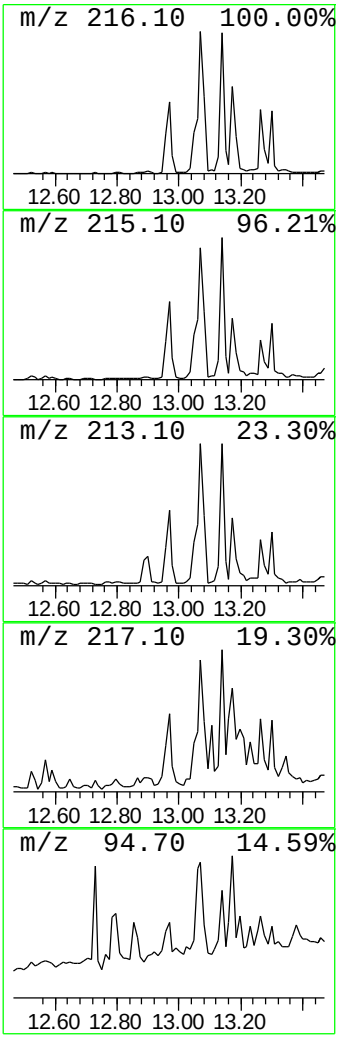
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.64 ng	970689	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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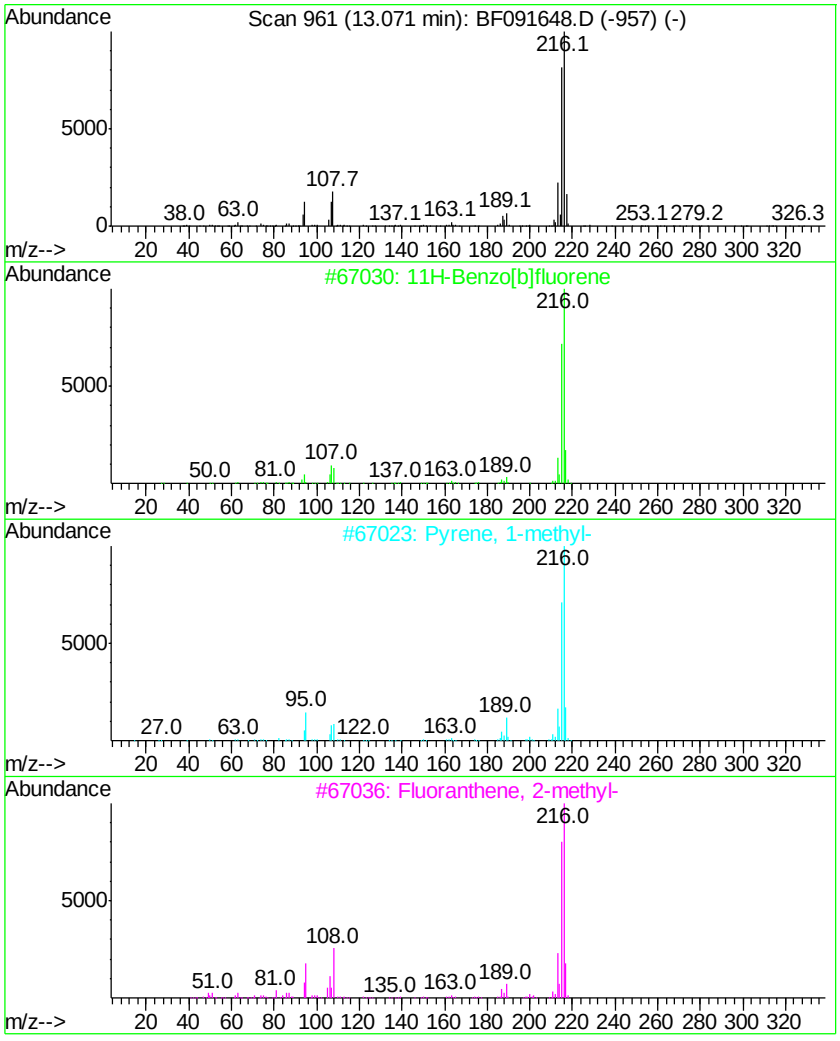
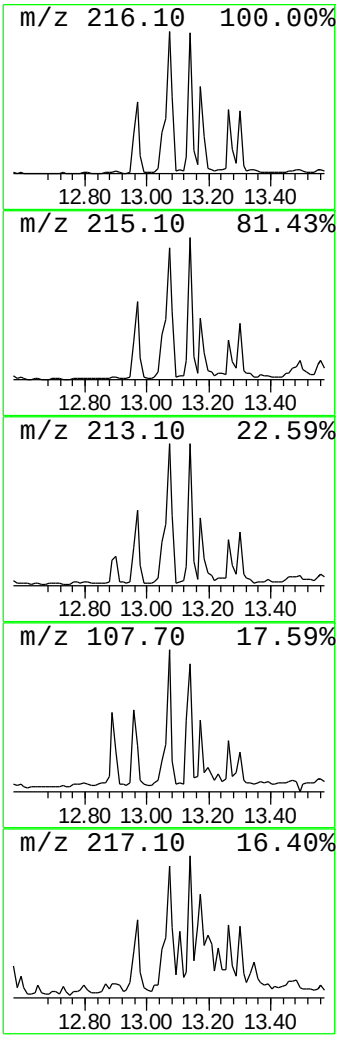
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	5.65 ng	2077990	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Sample : H6007-12
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ClientSampleId : WC-6-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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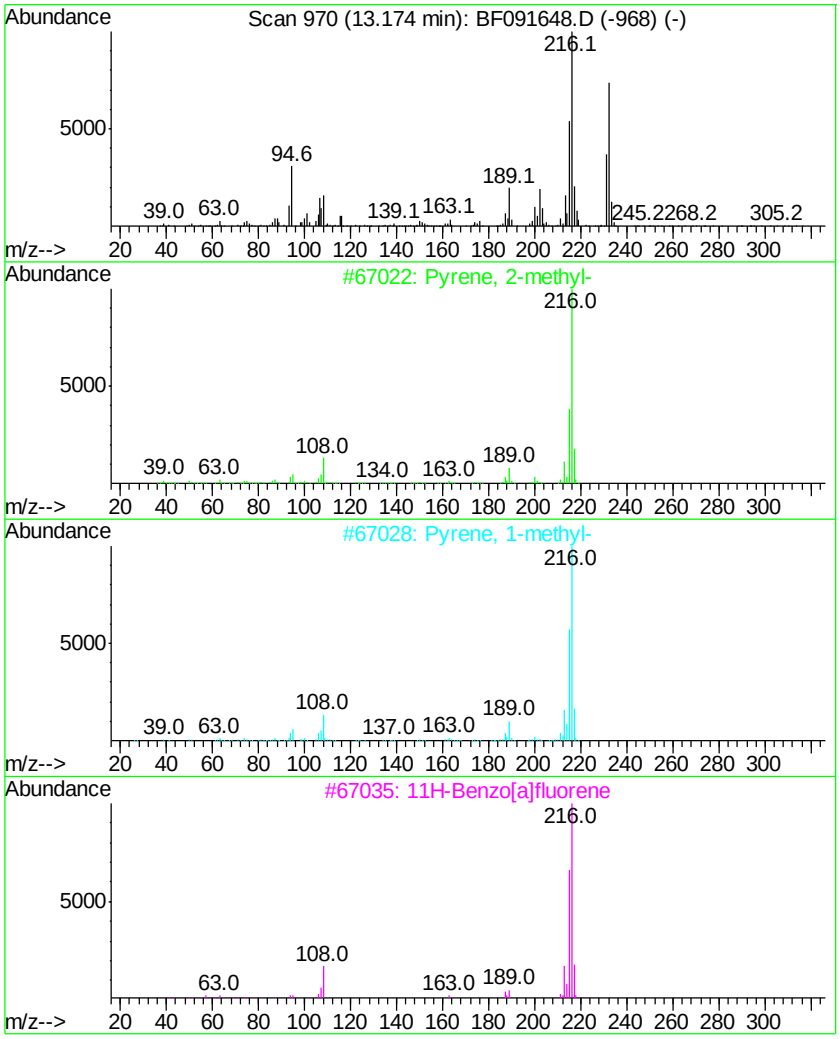
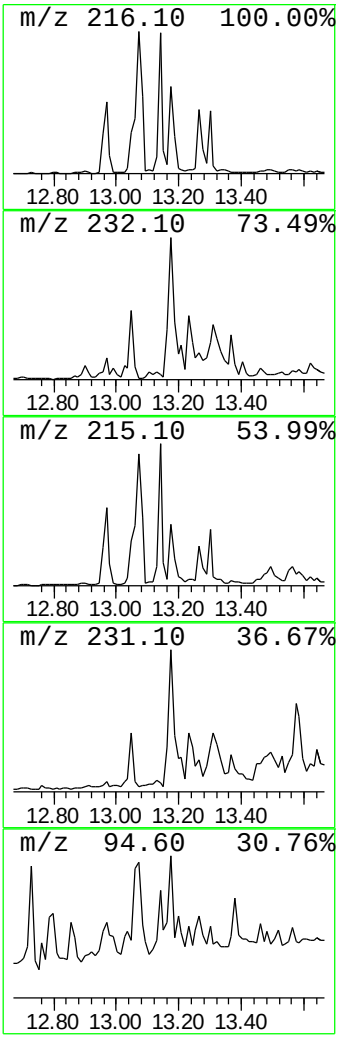
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.68 ng	1352490	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38





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Misc :
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Instrument : BNA_F
ClientSampleId : WC-6-0-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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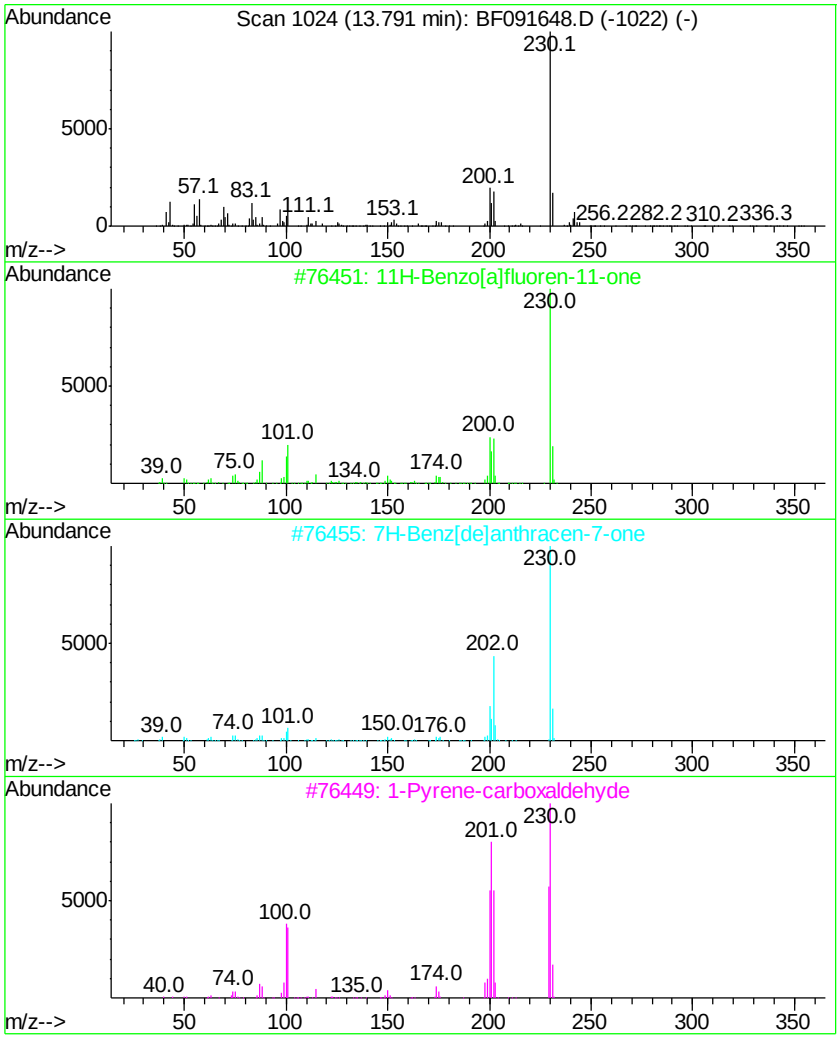
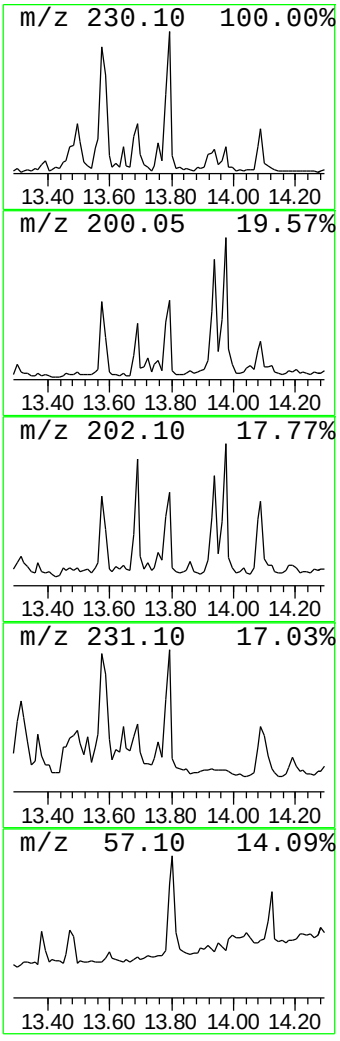
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.59 ng	950740	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	64
4	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	64
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59





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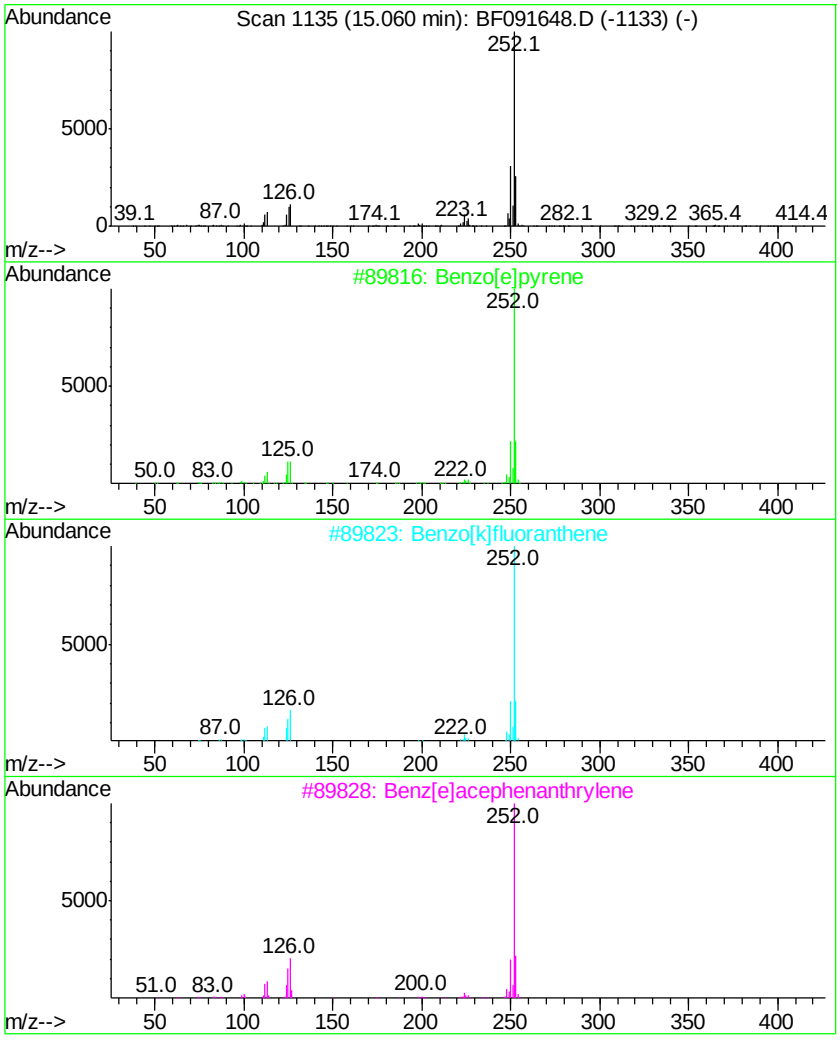
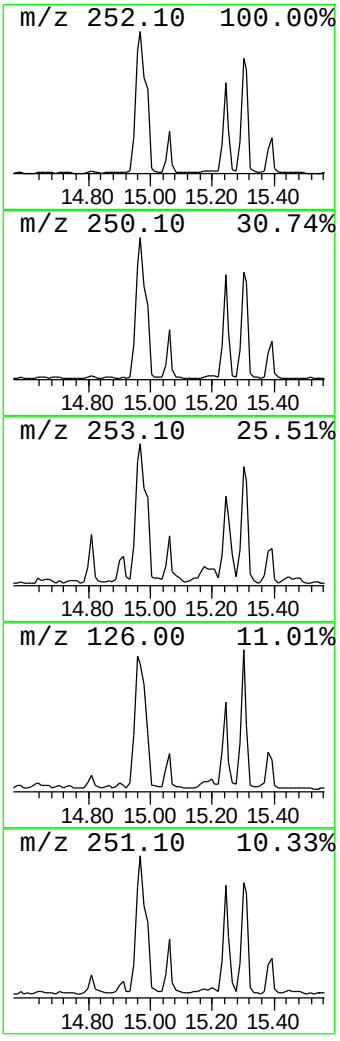
Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	14.79 ng	679321	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	81





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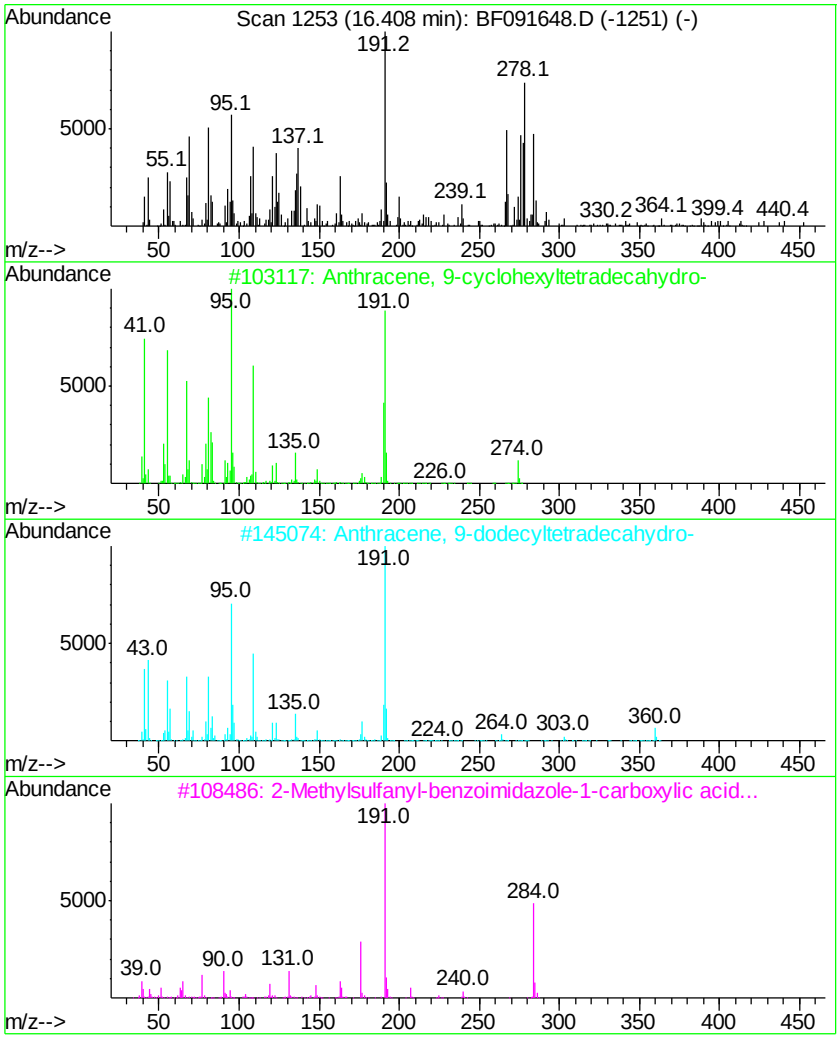
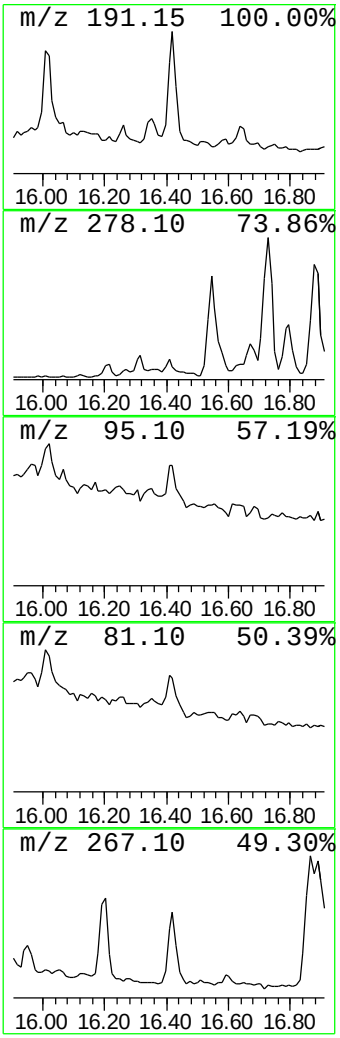
Peak Number 17 Anthracene, 9-cyclohexyltet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	20.77 ng	953765	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	74
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	22
3	2-Methylsulfanyl-benzoimidazole-...	284	C15H12N2O2S	1000294-32-8	15
4	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	11
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	11





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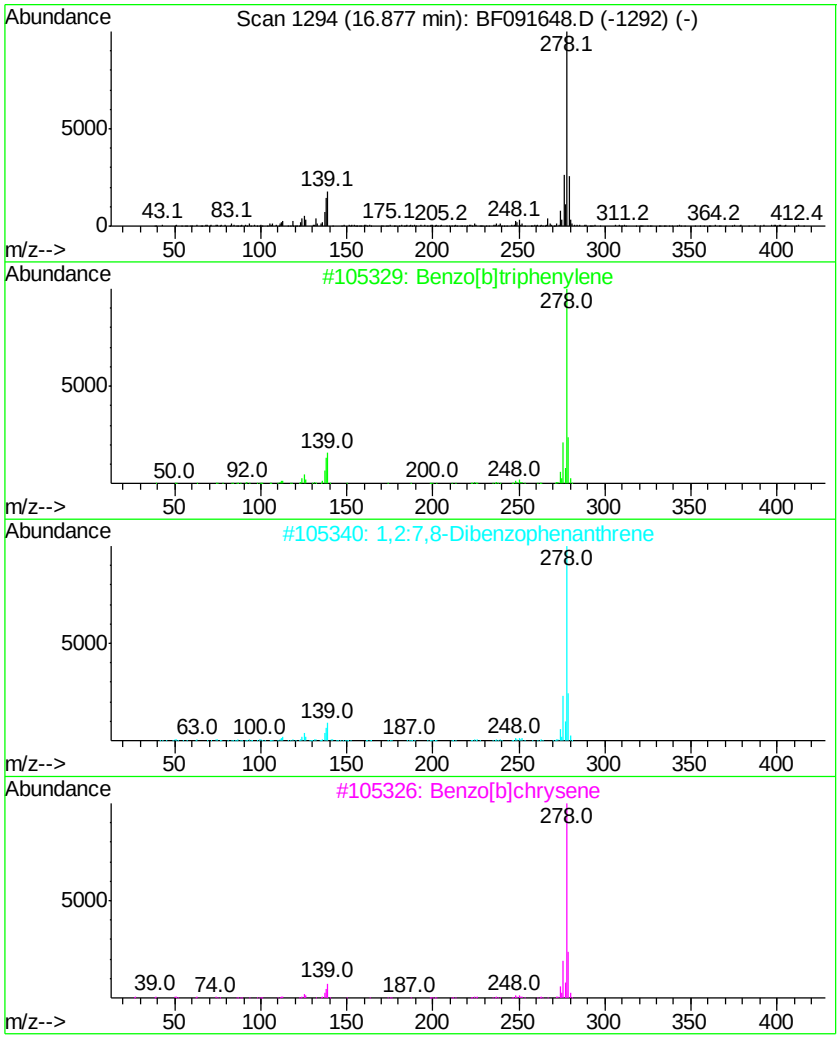
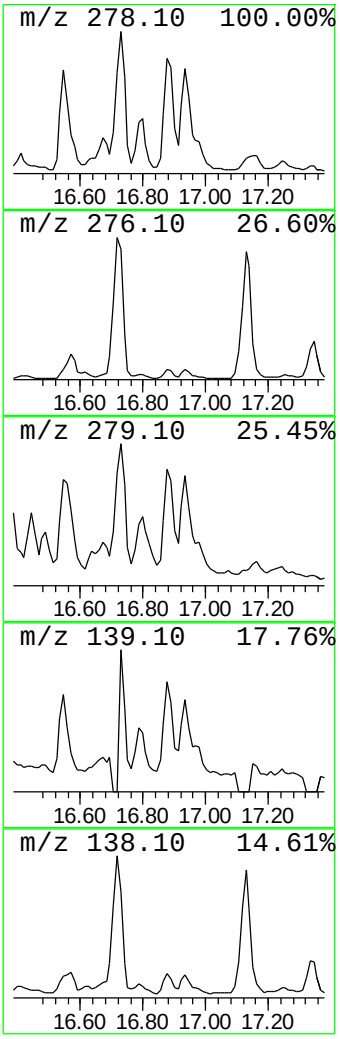
Peak Number 18 Benzo[b]triphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	9.50 ng	436458	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
3	Benzo[b]chrysene	278	C22H14	000214-17-5	97
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
5	Pentaphene	278	C22H14	000222-93-5	93





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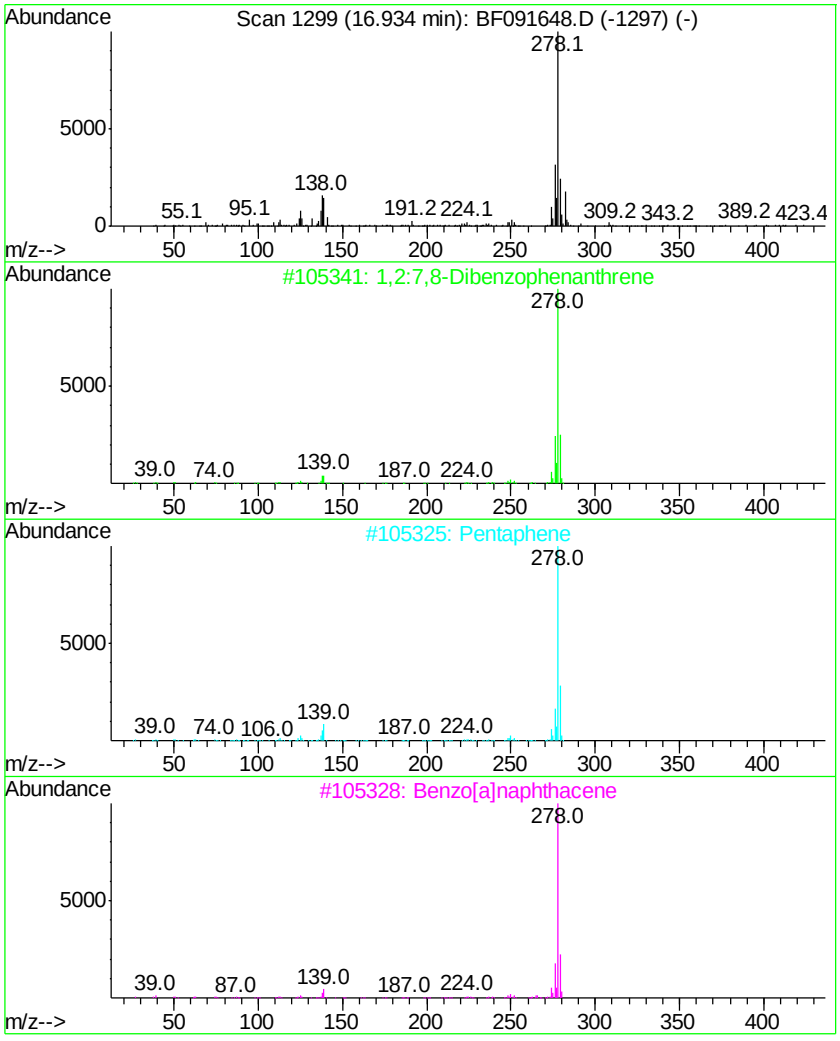
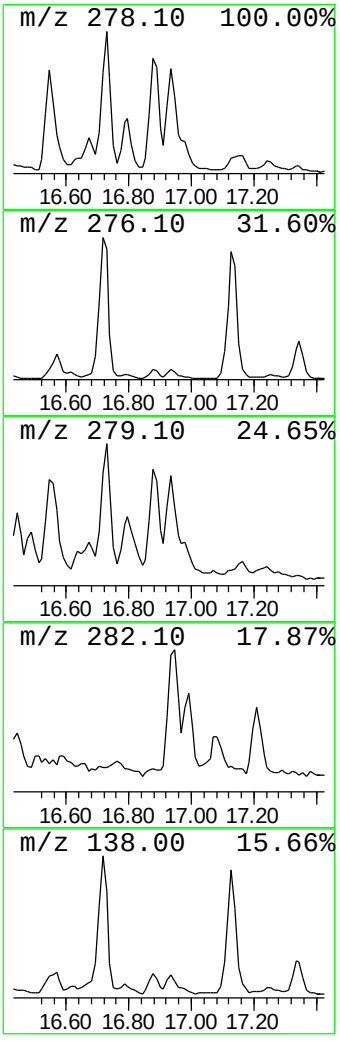
Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	8.87 ng	407149	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2	Pentaphene	278	C22H14	000222-93-5	95
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	95
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94





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TIC Library : C:\DATABASE\NIST02.L
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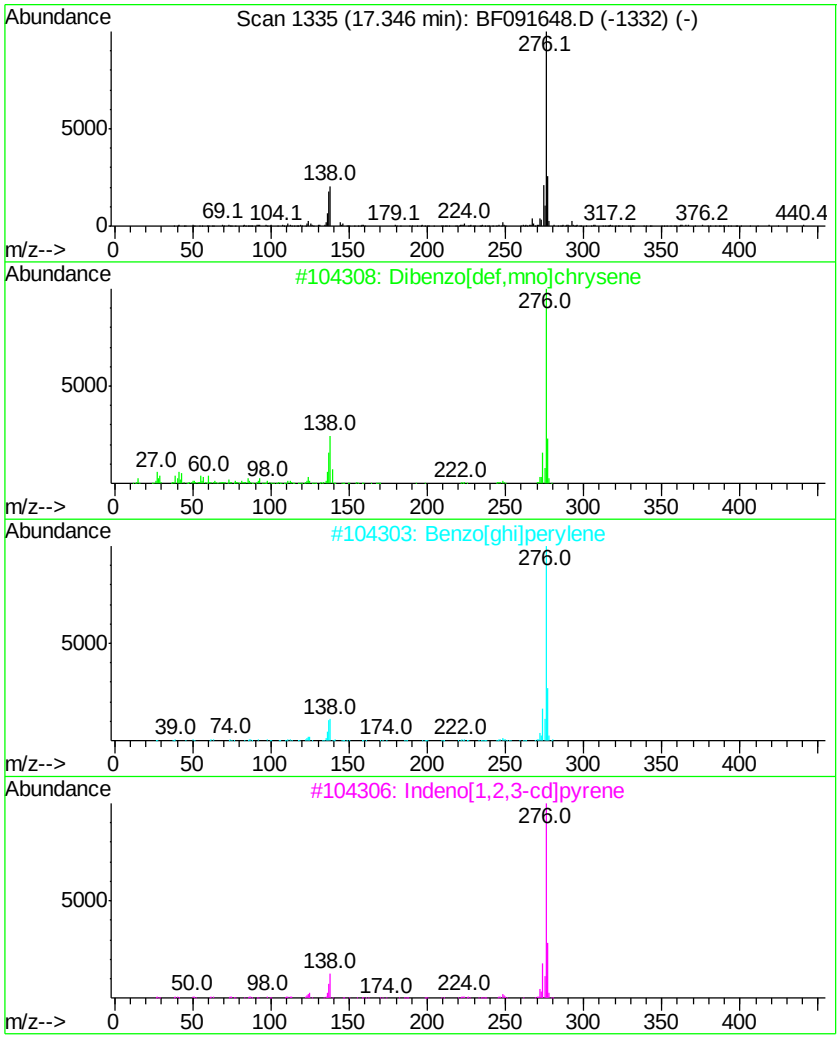
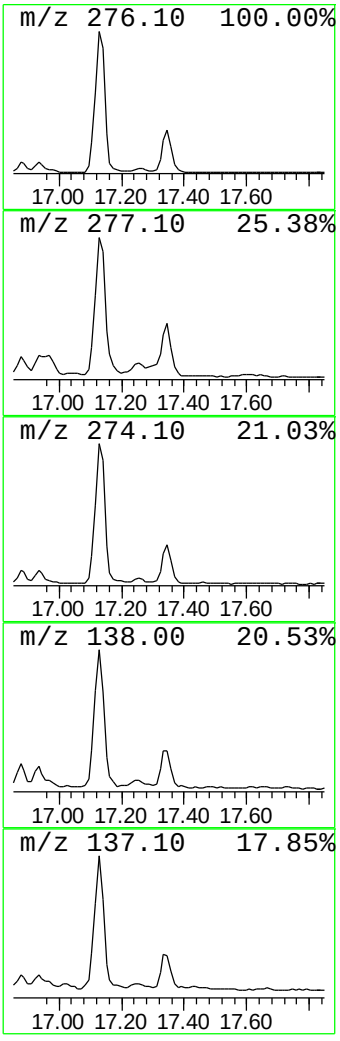
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	12.35 ng	567136	Perylene-d12	15.36

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	89
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091648.D
Acq On : 16 Dec 2016 00:23
Operator : UM/SJ
Sample : H6007-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-6-0-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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
2-Pentanone, 4-hy...	4.96	29.4	ng	2357790	1	6.78	1606050	20.0
unknown6.56	6.56	72.9	ng	5855900	1	6.78	1606050	20.0
Benzene, 1,2,3-tr...	6.61	3.1	ng	251632	1	6.78	1606050	20.0
Fluorene-9-methanol	10.37	5.2	ng	549909	3	9.82	2099400	20.0
Phenanthrene, 2-m...	11.80	3.0	ng	1002420	4	11.31	6744470	20.0
Phenanthrene, 1-m...	11.84	3.1	ng	1056720	4	11.31	6744470	20.0
4H-Cyclopenta[def...	11.92	5.7	ng	1936570	4	11.31	6744470	20.0
9,10-Anthracenedione	12.12	3.4	ng	1134280	4	11.31	6744470	20.0
Pyrene, 1-methyl-	12.97	2.6	ng	970689	5	13.95	7352600	20.0
11H-Benzo[b]fluorene	13.07	5.7	ng	2077990	5	13.95	7352600	20.0
Pyrene, 2-methyl-	13.17	3.7	ng	1352490	5	13.95	7352600	20.0
11H-Benzo[a]fluor...	13.79	2.6	ng	950740	5	13.95	7352600	20.0
Benzo[e]pyrene	15.06	14.8	ng	679321	6	15.36	918381	20.0
Anthracene, 9-cyc...	16.41	20.8	ng	953765	6	15.36	918381	20.0
Benzo[b]triphenylene	16.88	9.5	ng	436458	6	15.36	918381	20.0
1,2:7,8-Dibenzoph...	16.93	8.9	ng	407149	6	15.36	918381	20.0
Dibenzo[def,mno]c...	17.35	12.4	ng	567136	6	15.36	918381	20.0