LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082345.D
Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

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-BF101015.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	5.154	262	264	275	rVB	136484	164609	9.32%	0.740%
2	5.577	299	301	308	rBV	173230	208739	11.81%	0.938%
3	6.594	389	390	400	rBV	140626	226574	12.82%	1.018%
4	6.732	400	402	405	rBV	215996	250443	14.17%	1.125%
5	6.972	421	423	425	rBV	232847	311830	17.65%	1.401%
6	7.120	434	436	438	rBV	260709	219598	12.43%	0.987%
7	7.532	469	472	478	rBV	100231	137132	7.76%	0.616%
8	8.252	533	535	537	rBV	352390	509374	28.83%	2.289%
9	9.315	626	628	630	rBV	445252	364763	20.65%	1.639%
10	9.658	656	658	661	rBV	14773	28665	1.62%	0.129%
11	9.703	661	662	665	rVB	57772	60192	3.41%	0.270%
12	9.852	674	675	678	rBV	34938	35922	2.03%	0.161%
13	9.989	685	687	689	rBV	483113	653805	37.00%	2.937%
14	10.023	689	690	693	rVB	79962	73102	4.14%	0.328%
15	10.195	703	705	707	rBV	39582	43186	2.44%	0.194%
16	10.538	733	735	738	rVB	52985	52634	2.98%	0.236%
17	10.629	738	743	744	rBV2	16803	33596	1.90%	0.151%
18	10.698	746	749	752	rVB2	24498	31840	1.80%	0.143%
19	10.778	754	756	759	rBV2	229236	259599	14.69%	1.166%
20	11.086	780	783	784	rBV2	27387	39308	2.22%	0.177%
21	11.212	792	794	795	rBV2	22437	25747	1.46%	0.116%
22	11.281	799	800	803	rBV	60517	84962	4.81%	0.382%
23	11.326	803	804	806	rBV2	30502	36946	2.09%	0.166%
24	11.372	806	808	812	rVB	48844	61455	3.48%	0.276%
25	11.475	815	817	818	rBV	536986	687435	38.91%	3.089%
26	11.509	818	820	822	rVV	925705	1085832	61.46%	4.879%
27	11.555	822	824	826	rVV	186240	151619	8.58%	0.681%
28	11.715	834	838	842	rBV2	81159	142497	8.07%	0.640%
29	11.772	842	843	845	rVV2	33881	33597	1.90%	0.151%
30	11.806	845	846	849	rVB2	33048	43306	2.45%	0.195%
31	11.886	849	853	856	rVB2	15656	30150	1.71%	0.135%
32	11.978	859	861	862	rBV	174748	169870	9.61%	0.763%
33	12.012	862	864	866	rVB	169984	196333	11.11%	0.882%
34	12.058	866	868	869	rBV	50657	45408	2.57%	0.204%

LSC Area Percent Report

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Data File : BF082345.D
Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.092	869	871	876	rVB2	227966	355367	20.11%	1.597%
36	12.161	876	877	878	rBV	34277	29566	1.67%	0.133%
37	12.275	885	887	888	rBV	122558	103224	5.84%	0.464%
38	12.309	888	890	892	rVB	98391	131285	7.43%	0.590%
39	12.424	897	900	901	rBV2	46415	57336	3.25%	0.258%
40	12.458	901	903	904	rVB	24894	23943	1.36%	0.108%
41	12.526	906	909	910	rBV2	136387	177958	10.07%	0.800%
42	12.584	913	914	915	rVB	54856	37604	2.13%	0.169%
43	12.618	915	917	919	rVB	127613	129124	7.31%	0.580%
44	12.698	921	924	926	rBV	1707358	1693767	95.87%	7.610%
45	12.755	926	929	931	rVB2	40034	57111	3.23%	0.257%
46	12.847	933	937	938	rBV2	68343	119206	6.75%	0.536%
47	12.869	938	939	941	rBV	244270	206468	11.69%	0.928%
48	12.927	941	944	946	rVV	1575266	1712016	96.90%	7.692%
49	12.972	946	948	950	rVB	82112	100743	5.70%	0.453%
50	13.064	950	956	960	rBV2	415545	621859	35.20%	2.794%
51	13.144	960	963	965	rBV2	114877	208600	11.81%	0.937%
52	13.247	968	972	974	rBV2	139663	243242	13.77%	1.093%
53	13.315	976	978	979	rBV	65677	51344	2.91%	0.231%
54	13.349	979	981	985	rVB2	141914	206788	11.70%	0.929%
55	13.452	988	990	991	rBV	49308	69372	3.93%	0.312%
56	13.475	991	992	996	rVB2	82687	114955	6.51%	0.516%
57	13.578	999	1001	1004	rVB	187632	174326	9.87%	0.783%
58	13.624	1004	1005	1006	rBV	58665	56201	3.18%	0.253%
59	13.761	1015	1017	1019	rVB	179486	174012	9.85%	0.782%
60	13.875	1024	1027	1028	rBV	159468	192800	10.91%	0.866%
61	13.898	1028	1029	1031	rBV	54995	69184	3.92%	0.311%
62	13.932	1031	1032	1033	rBV	41341	39479	2.23%	0.177%
63	13.978	1034	1036	1040	rVB	175805	228614	12.94%	1.027%
64	14.047	1040	1042	1045	rBV2	31694	58643	3.32%	0.263%
65	14.127	1045	1049	1051	rBV2	980580	1766809	100.00%	7.938%
66	14.241	1058	1059	1061	rBV	86132	70077	3.97%	0.315%
67	14.287	1061	1063	1068	rVV5	76896	114032	6.45%	0.512%
68	14.492	1080	1081	1082	rBV	38480	42797	2.42%	0.192%
69	14.538	1082	1085	1086	rVV	138039	185506	10.50%	0.833%
70	14.572	1086	1088	1090	rVV2	82713	118235	6.69%	0.531%
71	14.607	1090	1091	1095	rVV3	92303	172004	9.74%	0.773%

LSC Area Percent Report

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Sample : G4009-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : KW-1

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.664	1095	1096	1100	rVV2	69479	141690	8.02%	0.637%
73	14.744	1101	1103	1106	rVB	47890	60438	3.42%	0.272%
74	14.858	1111	1113	1115	rBV	47524	83761	4.74%	0.376%
75	14.927	1117	1119	1122	rVB3	41366	58527	3.31%	0.263%
76	15.052	1127	1130	1134	rVB4	54203	132410	7.49%	0.595%
77	15.121	1134	1136	1138	rBV3	25346	49152	2.78%	0.221%
78	15.212	1141	1144	1148	rBV	674713	1378622	78.03%	6.194%
79	15.315	1151	1153	1156	rVB	89713	128906	7.30%	0.579%
80	15.430	1160	1163	1165	rBV2	37383	92320	5.23%	0.415%
81	15.475	1165	1167	1168	rBV2	24345	25843	1.46%	0.116%
82	15.521	1168	1171	1174	rVB	366757	497292	28.15%	2.234%
83	15.590	1174	1177	1180	rBV	495158	635036	35.94%	2.853%
84	15.647	1180	1182	1184	rBV	451416	675297	38.22%	3.034%
85	15.967	1208	1210	1213	rVB3	24133	42623	2.41%	0.192%
86	16.093	1219	1221	1224	rBV	52281	98374	5.57%	0.442%
87	16.218	1230	1232	1235	rBV	22196	28390	1.61%	0.128%
88	16.767	1278	1280	1282	rBV2	21021	34565	1.96%	0.155%
89	16.961	1294	1297	1298	rBV2	23768	50881	2.88%	0.229%
90	17.144	1310	1313	1317	rBV	198832	446820	25.29%	2.008%
91	17.293	1323	1326	1328	rBV3	44687	112027	6.34%	0.503%
92	17.396	1332	1335	1337	rVV2	48881	115368	6.53%	0.518%
93	17.453	1338	1340	1345	rVB6	41602	100181	5.67%	0.450%
94	17.601	1349	1353	1361	rVV	143047	373590	21.14%	1.678%
95	17.727	1361	1364	1371	rVV8	21324	76356	4.32%	0.343%
96	17.853	1371	1375	1383	rVB3	34932	126965	7.19%	0.570%
97	18.756	1452	1454	1461	rVB7	11868	33753	1.91%	0.152%
98	19.910	1550	1555	1563	rVB2	30386	120235	6.81%	0.540%
99	20.104	1568	1572	1577	rBV	13795	58482	3.31%	0.263%
100	21.076	1653	1657	1662	rBV5	15308	65824	3.73%	0.296%

Sum of corrected areas: 22257393

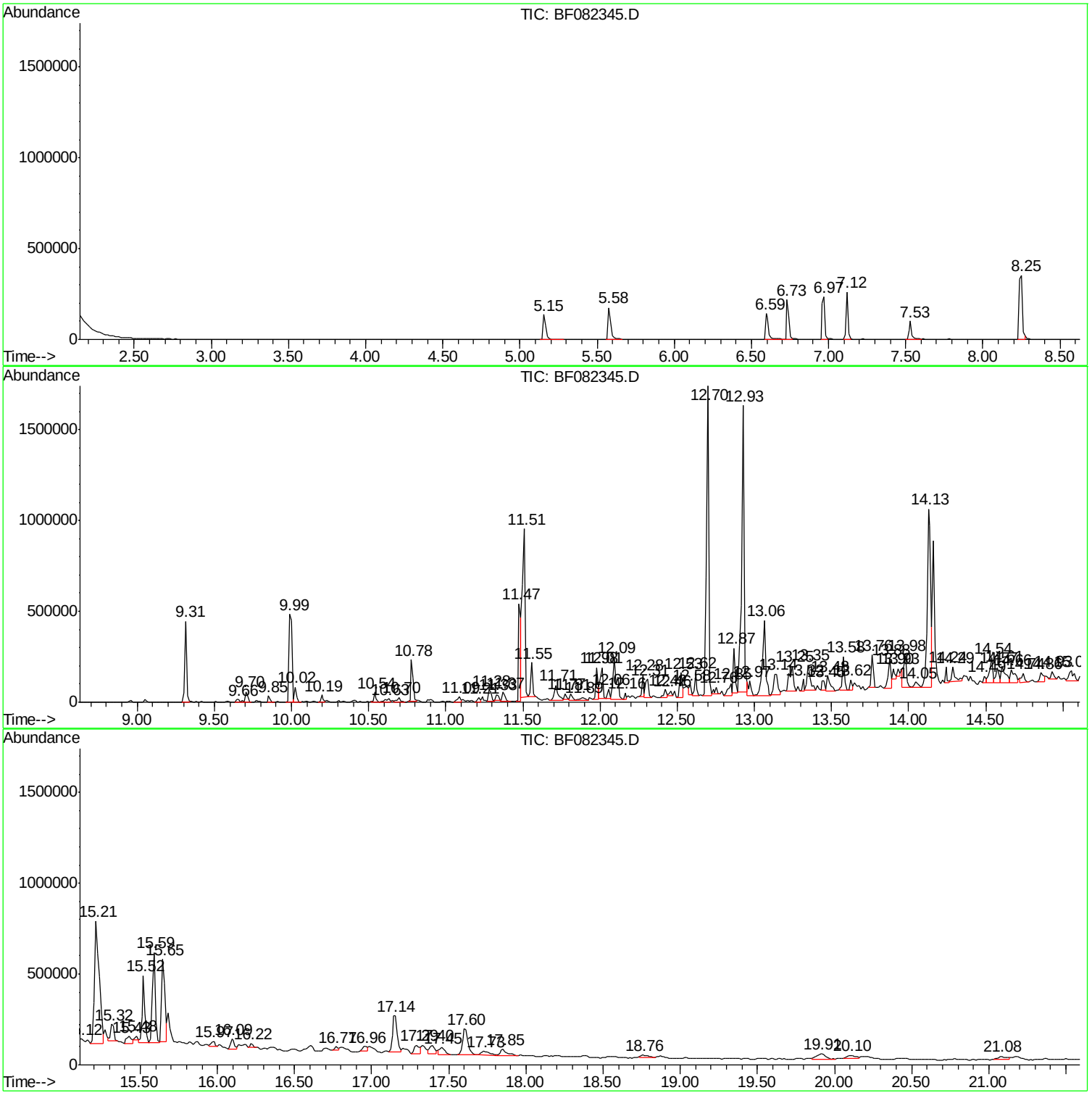
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082345.D
Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101715\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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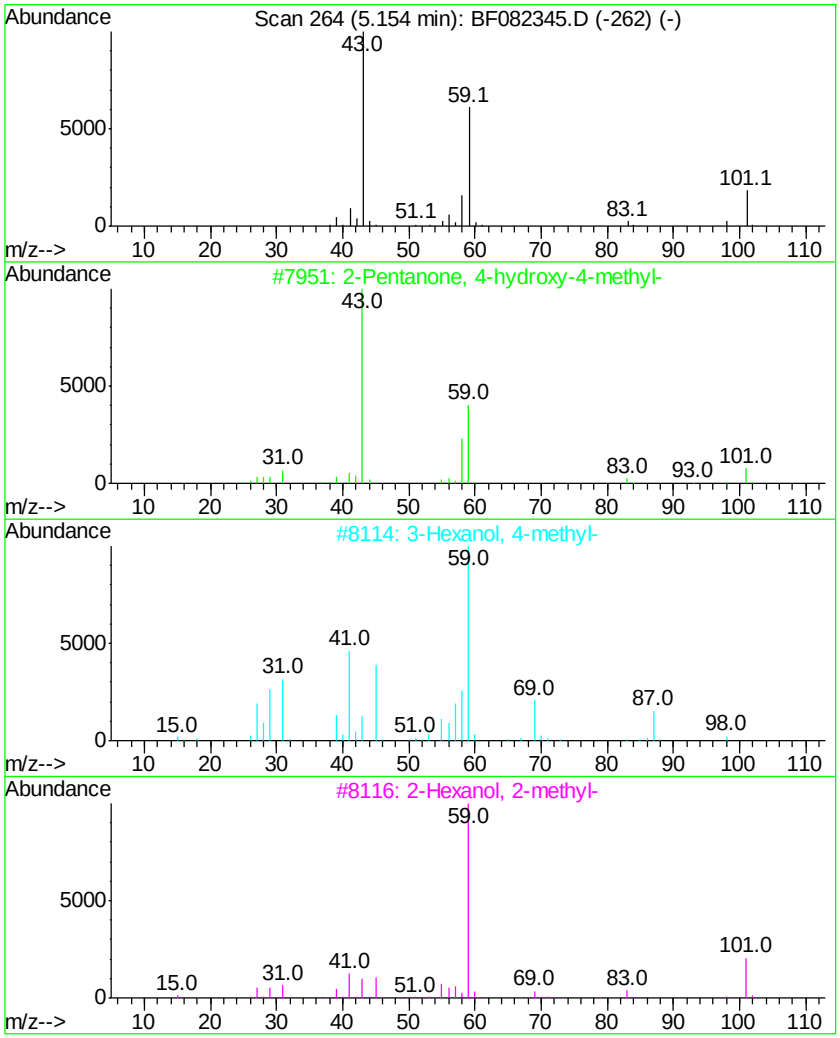
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

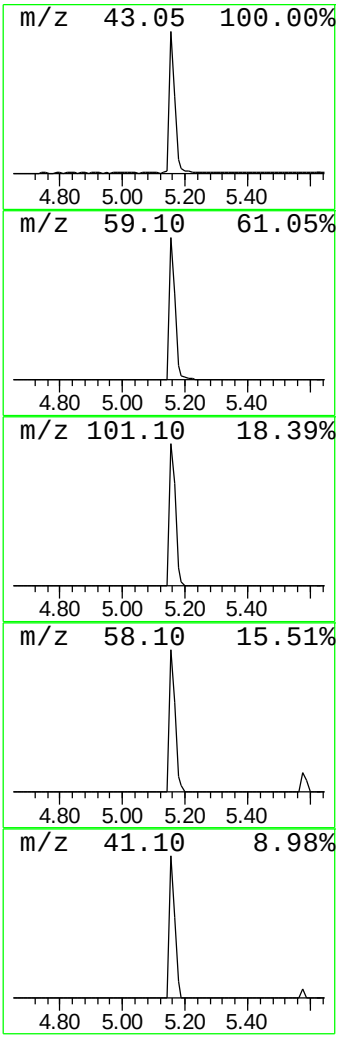
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	10.56 ng	164609	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082345.D
Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

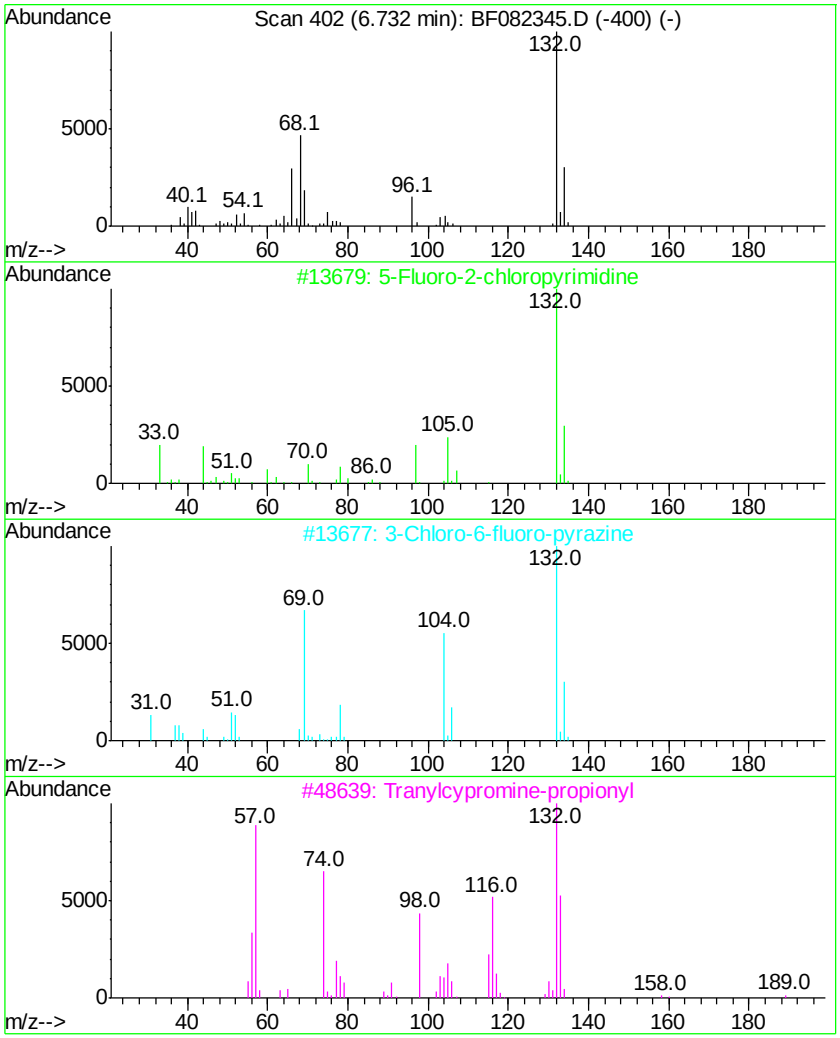
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

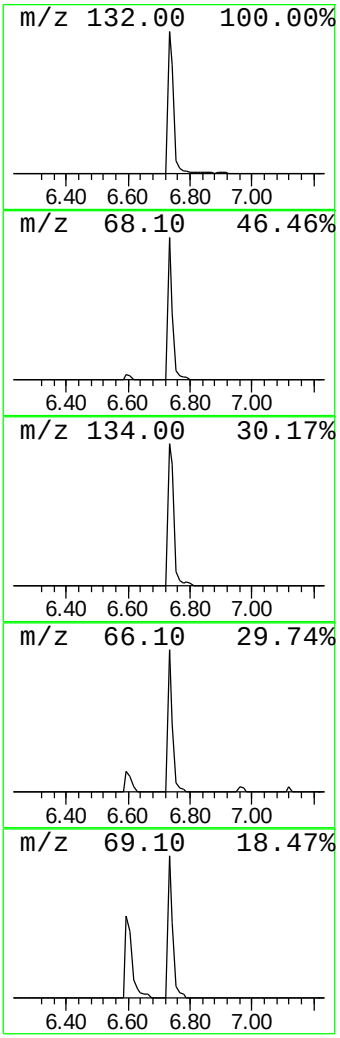
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	16.06 ng	250443	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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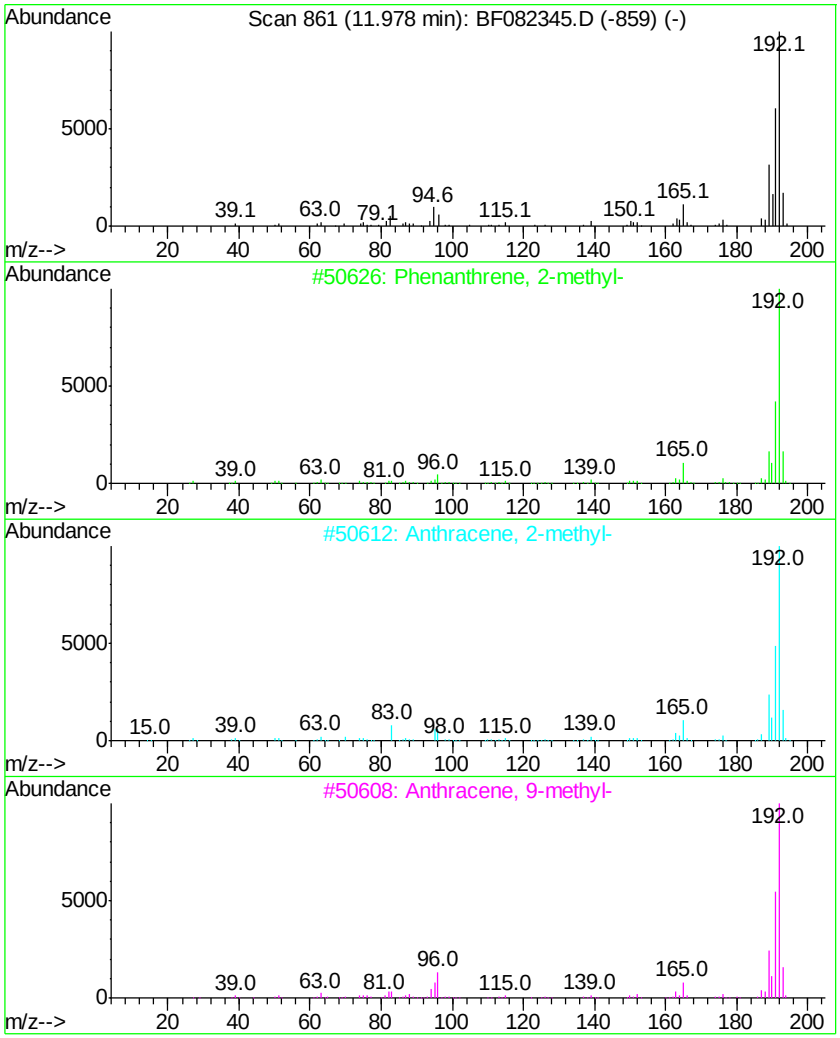
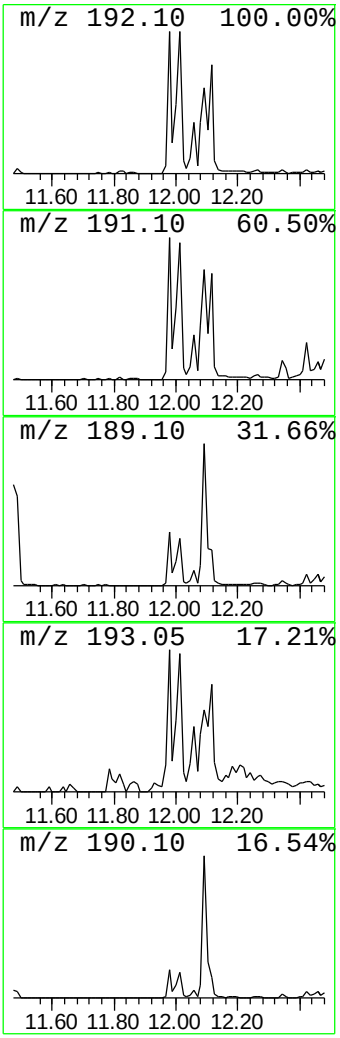
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.94 ng	169870	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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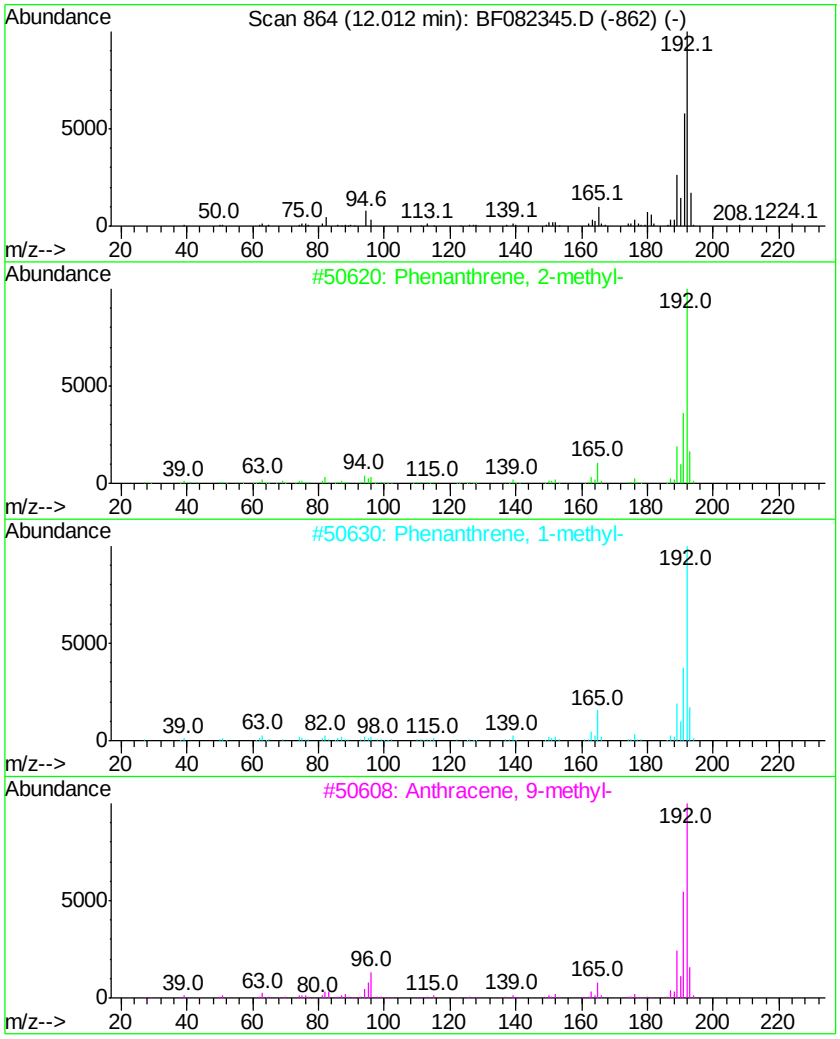
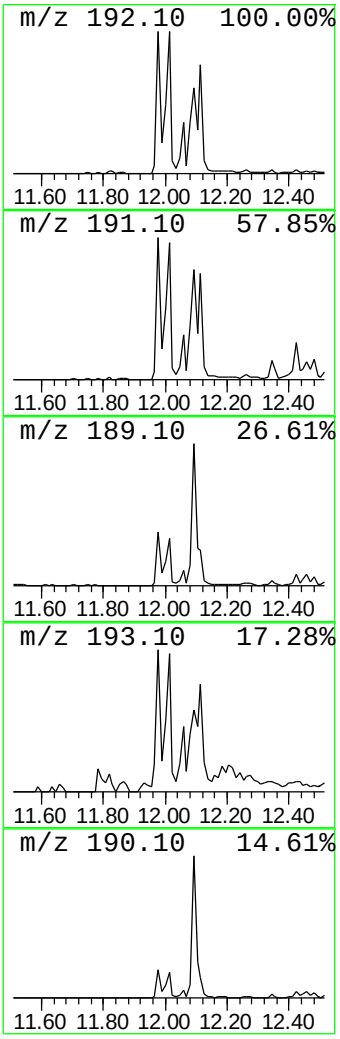
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.71 ng	196333	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Data File : BF082345.D
Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

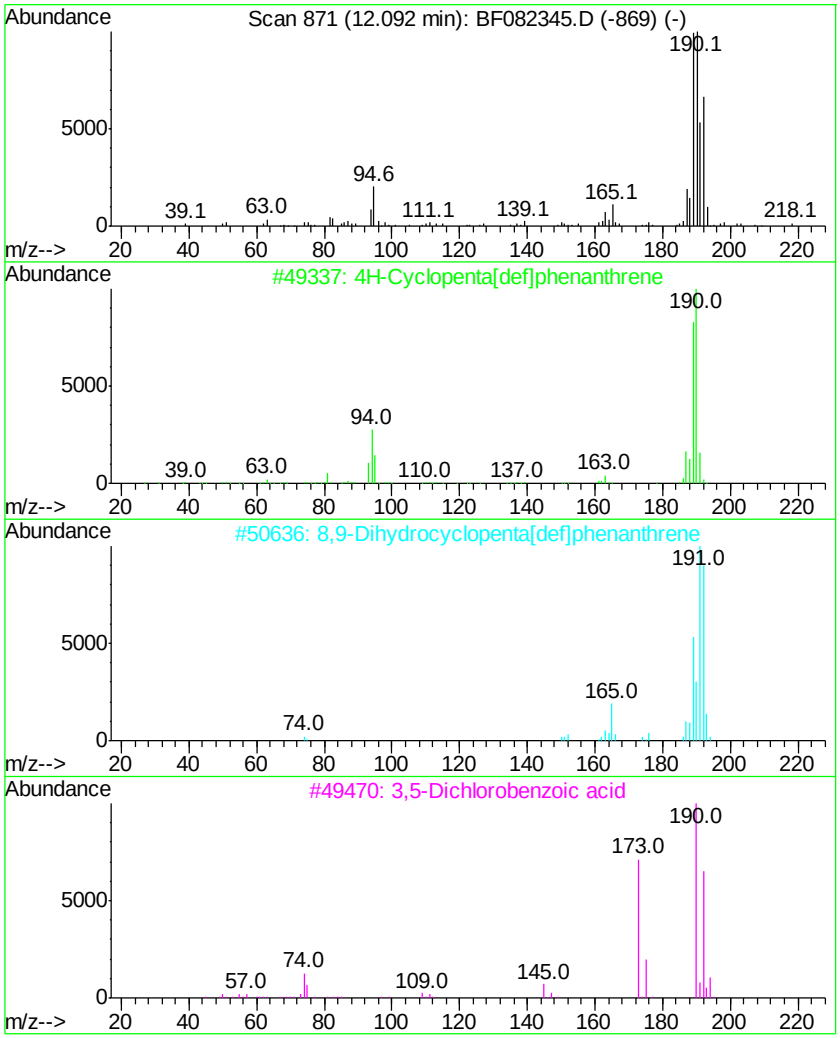
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

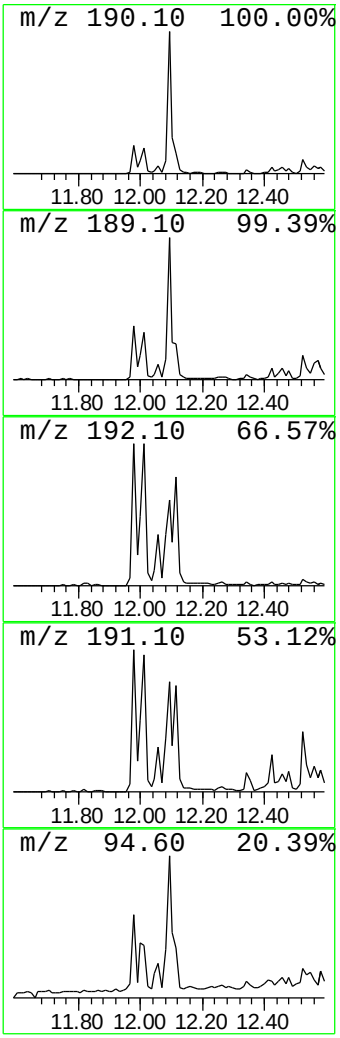
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.34 ng	355367	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082345.D
Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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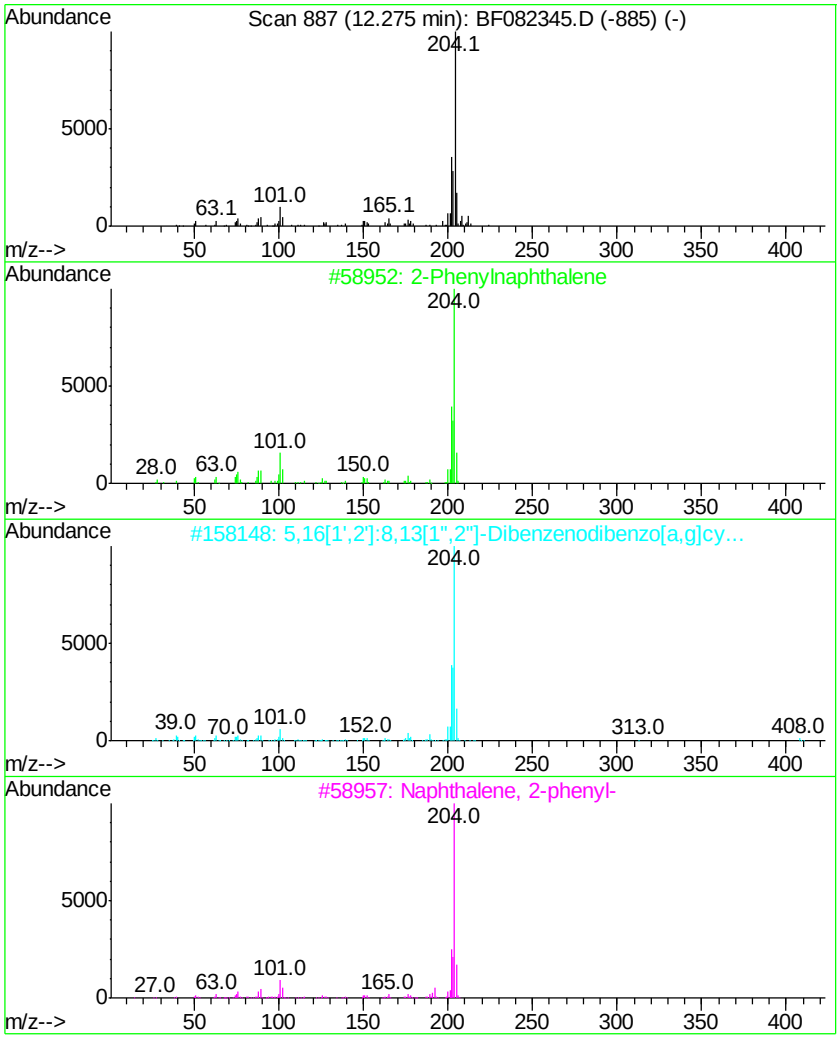
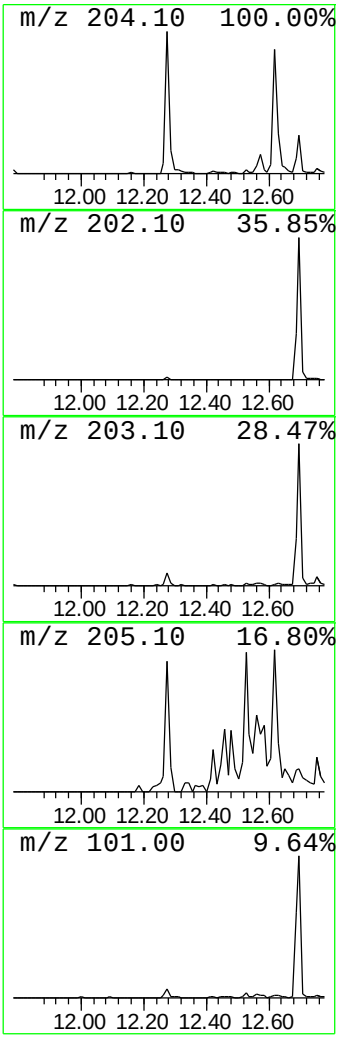
Peak Number 7 2-Phenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	3.00 ng	103224	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





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Acq On : 17 Oct 2015 1:33
Operator : UM/IZ
Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

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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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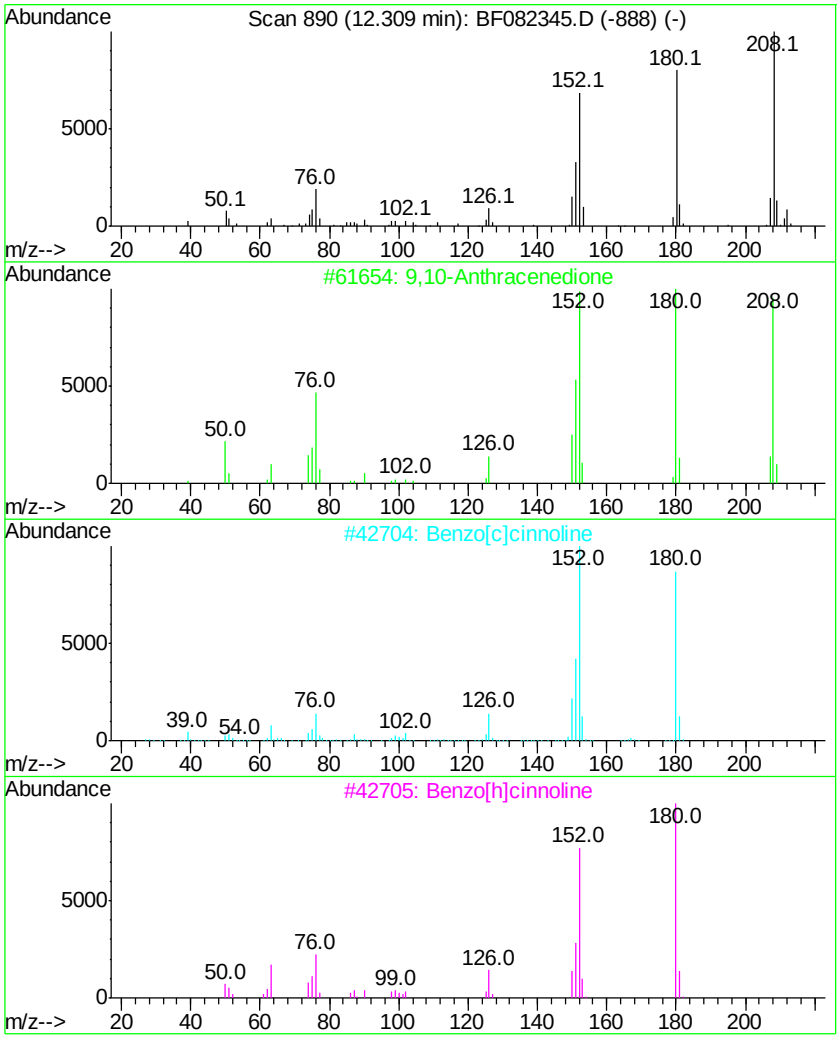
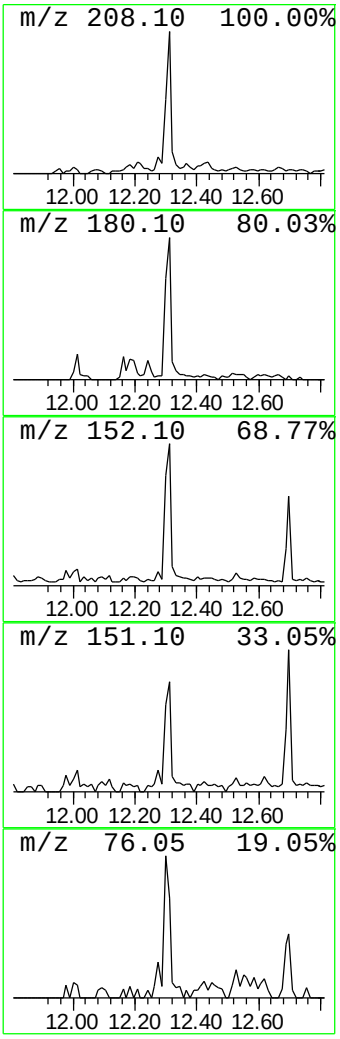
Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.82 ng	131285	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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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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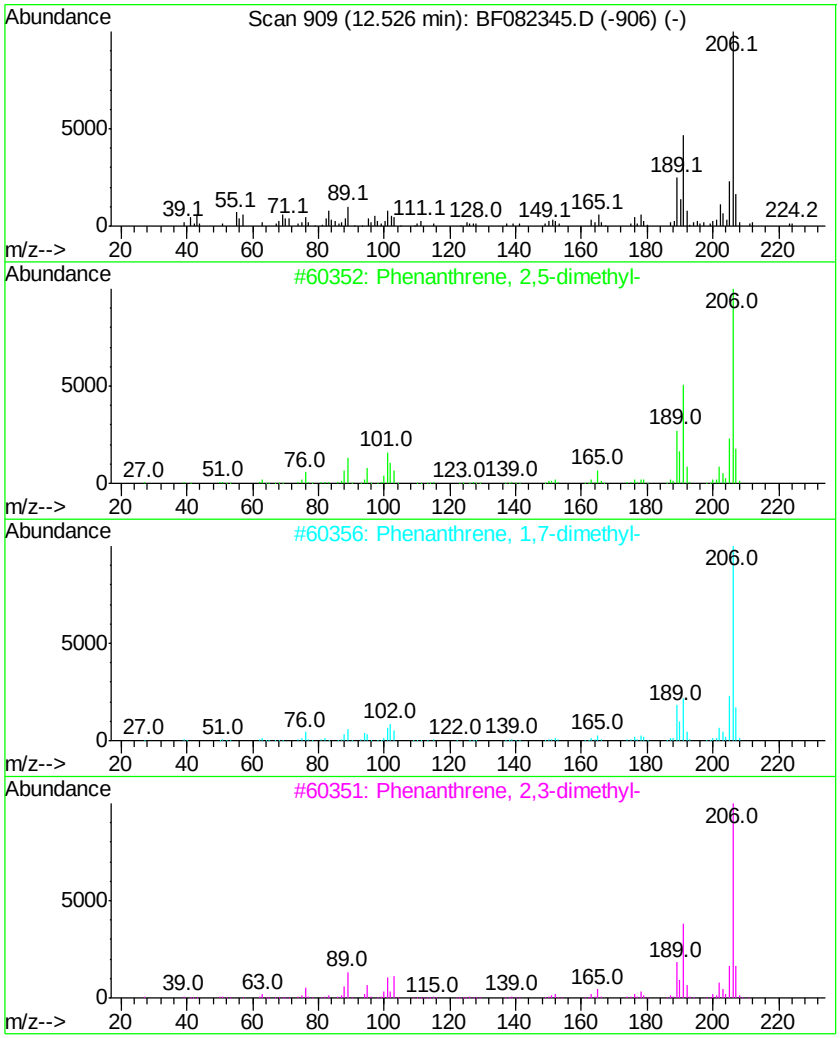
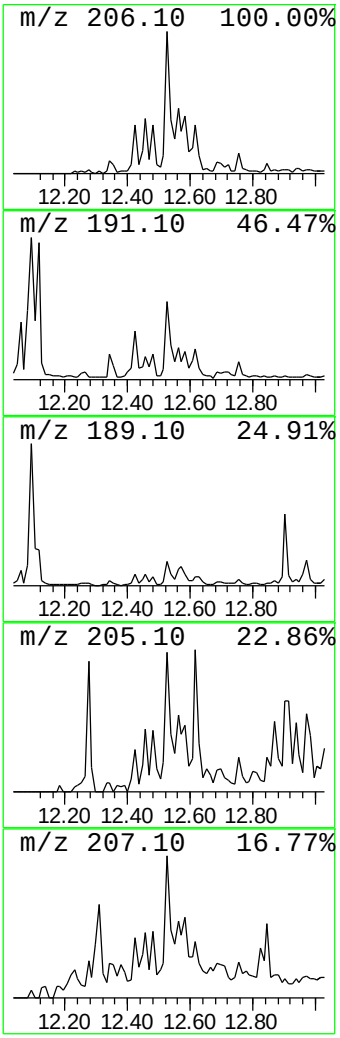
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	5.18 ng	177958	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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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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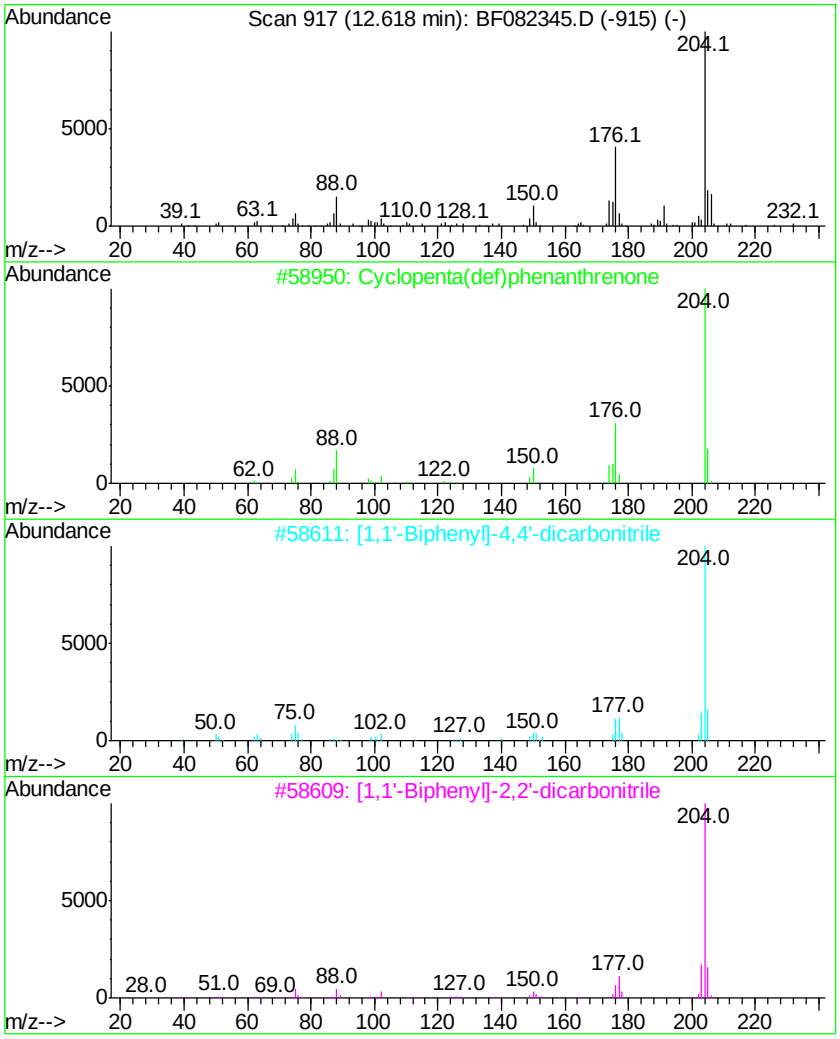
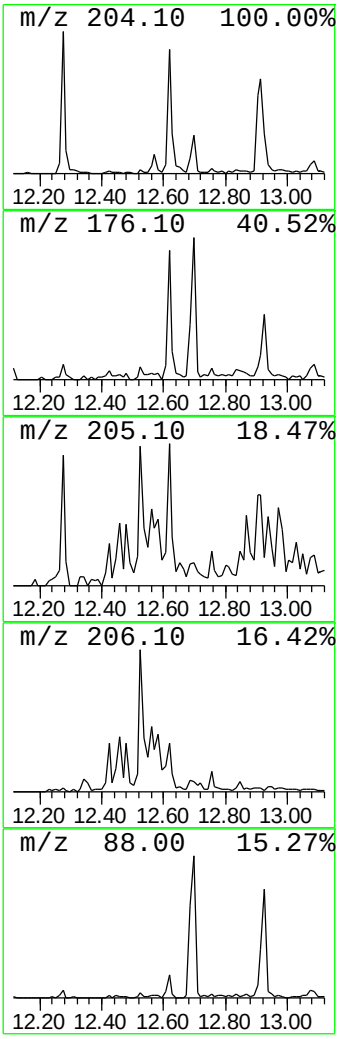
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.76 ng	129124	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	43
5	Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	43





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ALS Vial : 25 Sample Multiplier: 1

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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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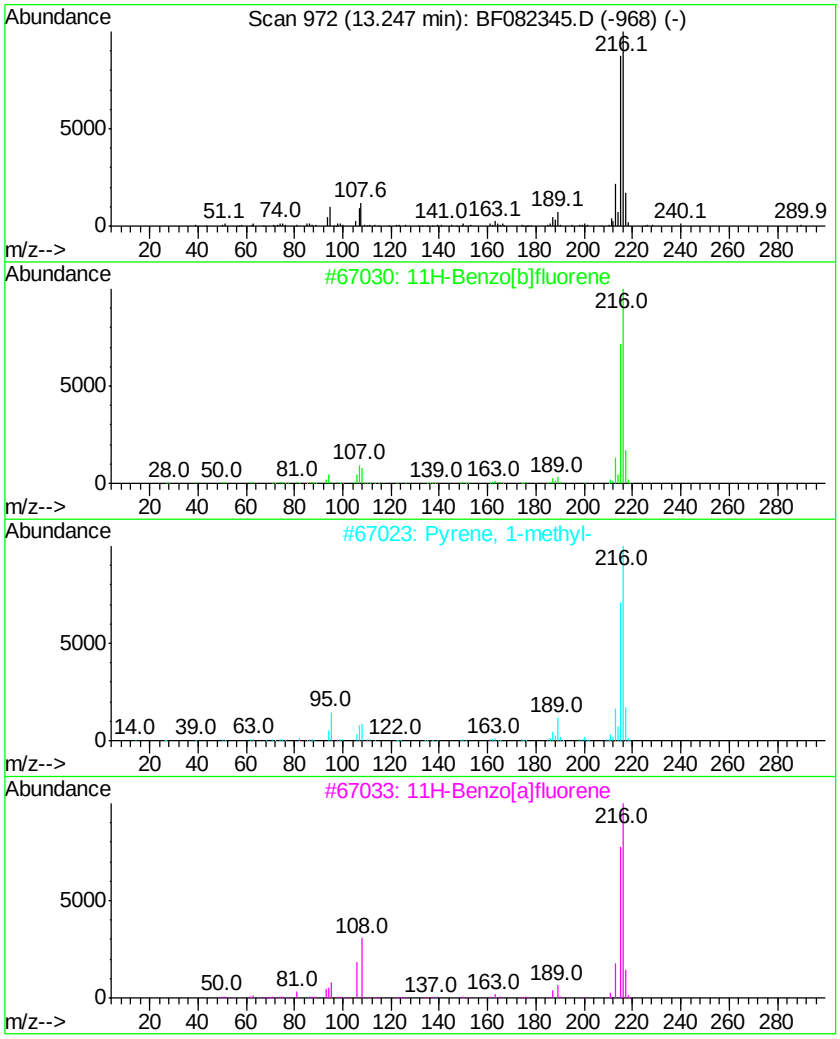
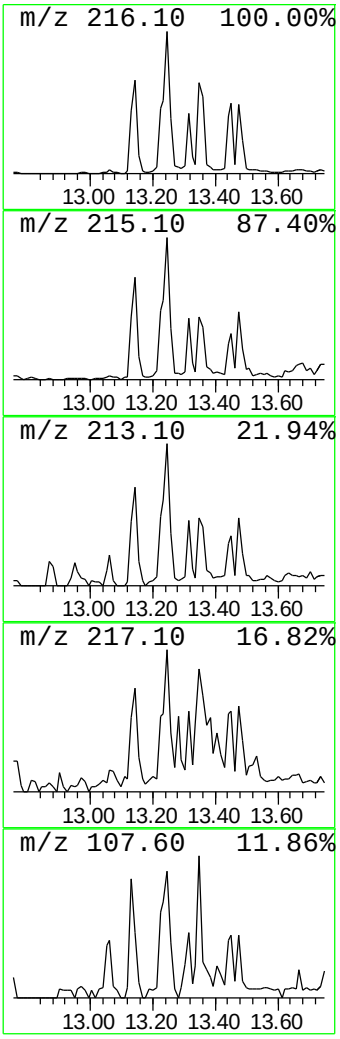
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.75 ng	243242	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Sample : G4009-01 5X
Misc :
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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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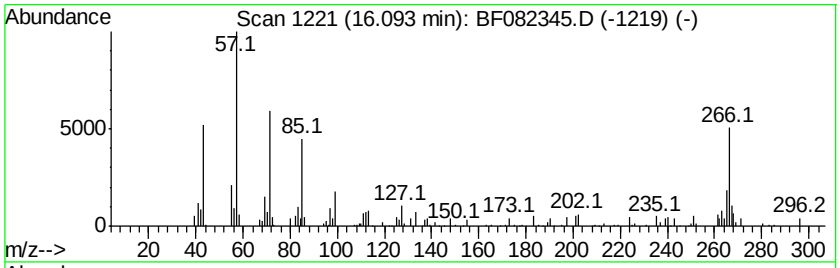
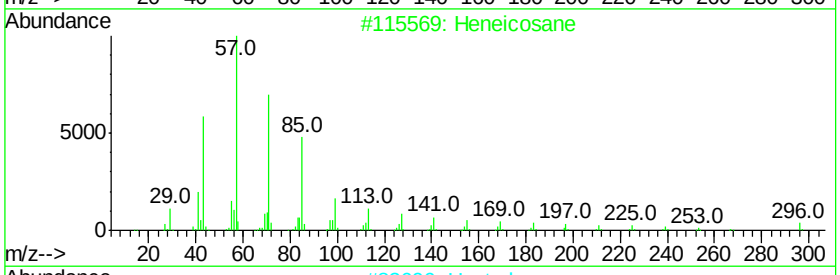
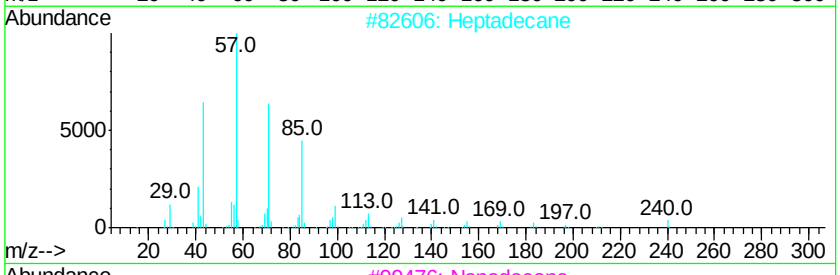
Peak Number 15 Heneicosane Concentration Rank 19

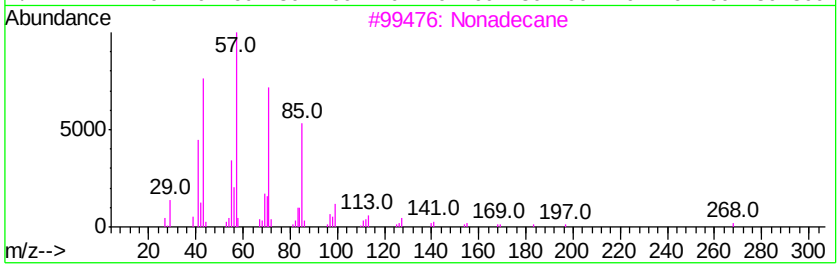
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.91 ng	98374	Perylene-d12	15.65

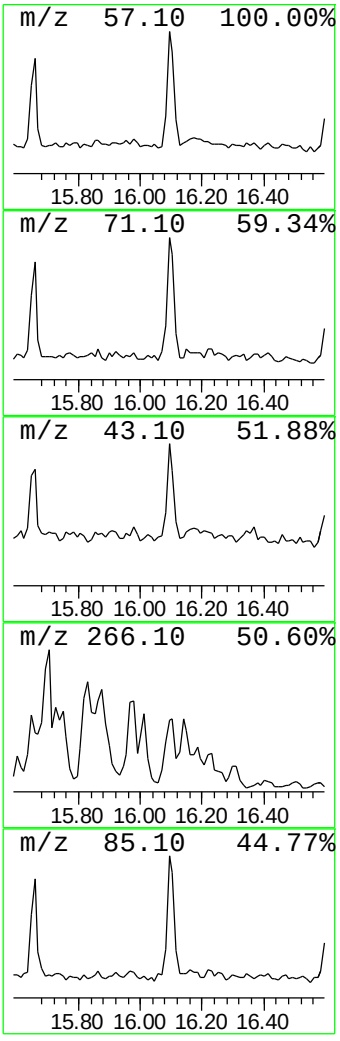
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	50
2	Heptadecane	240	C17H36	000629-78-7	46
3	Nonadecane	268	C19H40	000629-92-5	45
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	38
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	38











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Acq On : 17 Oct 2015 1:33
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Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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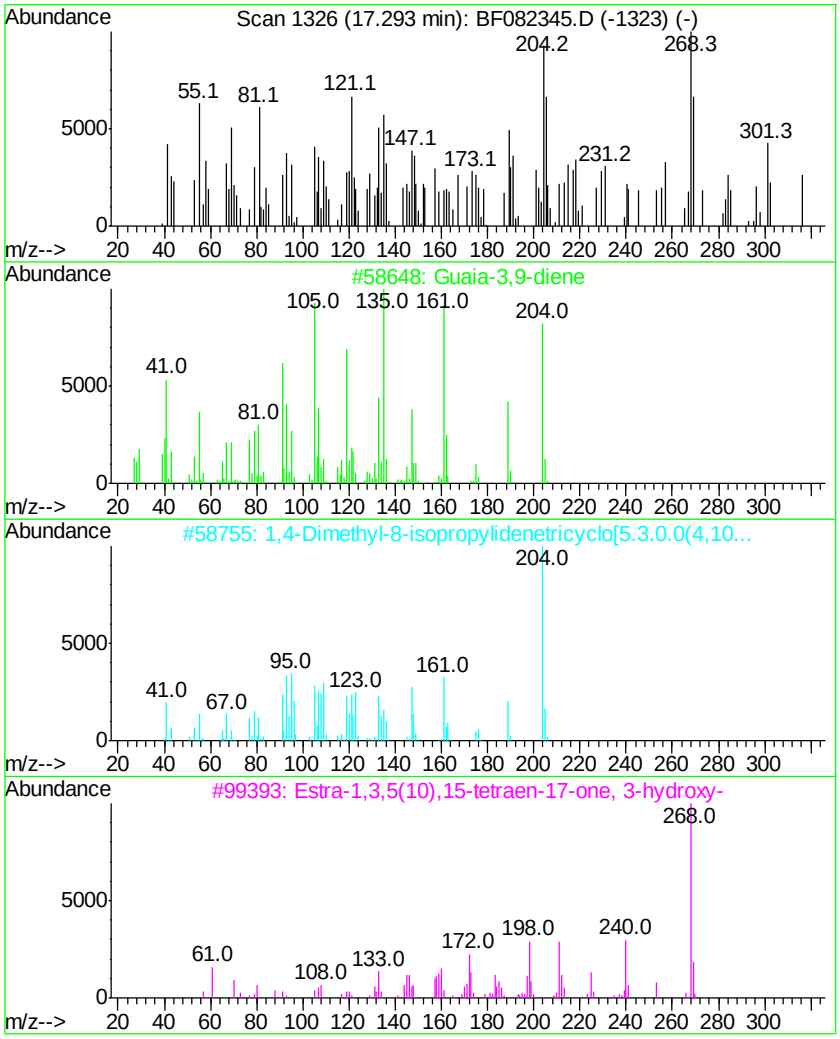
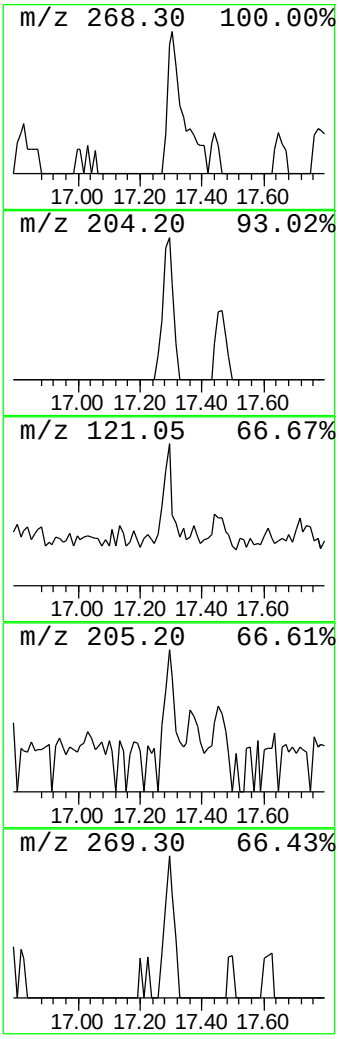
Peak Number 16 unknown17.29 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.32 ng	112027	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-3,9-diene	204	C15H24	000489-83-8	25
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	15
3	Estra-1,3,5(10),15-tetraen-17-on...	268	C18H20O2	003563-25-5	14
4	6-Methyl-5-oxo-12,13-dioxa-tricy...	268	C14H20O5	1000194-72-8	14
5	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	11





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Sample : G4009-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-1

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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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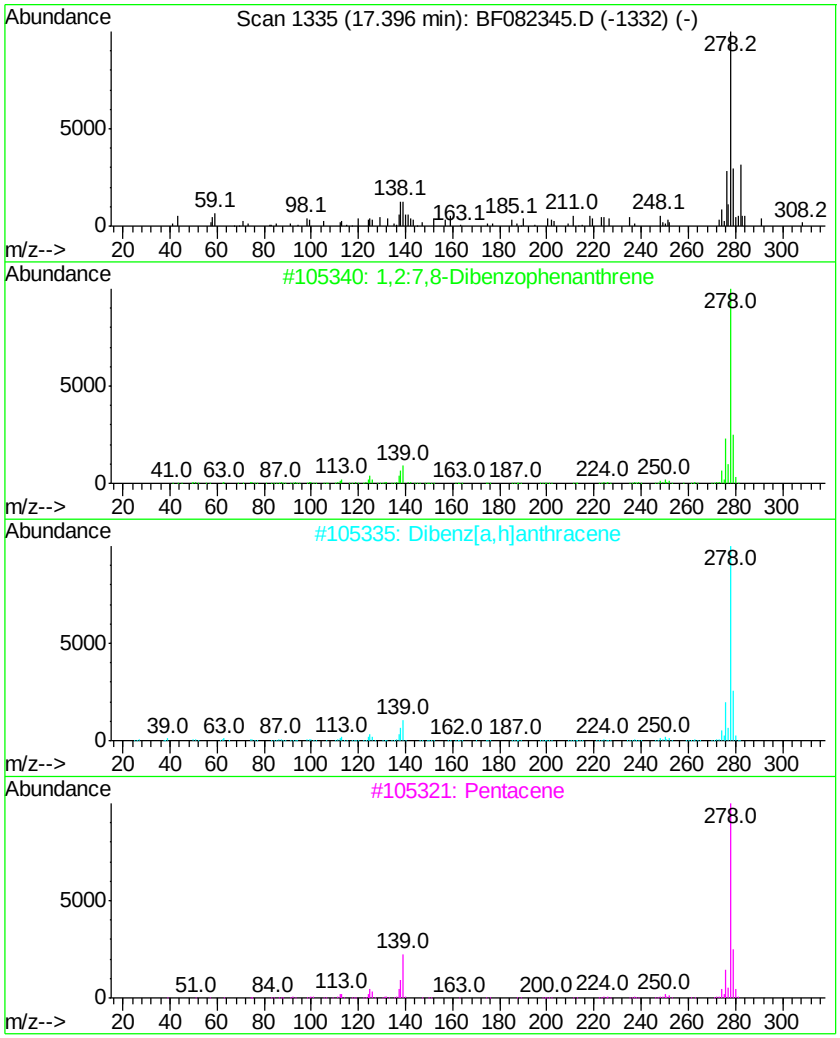
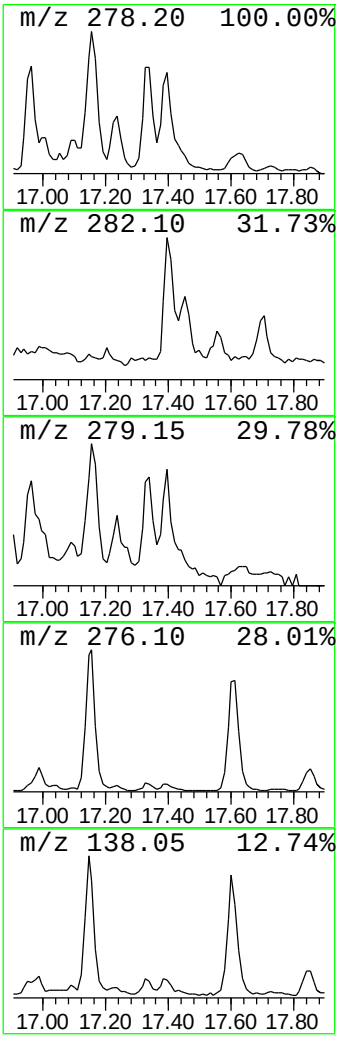
Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	3.42 ng	115368	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Pentacene	278	C22H14	000135-48-8	83
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	78
5	Pentaphene	278	C22H14	000222-93-5	64





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ClientSampleId : KW-1

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TIC Library : C:\DATABASE\NIST02.L
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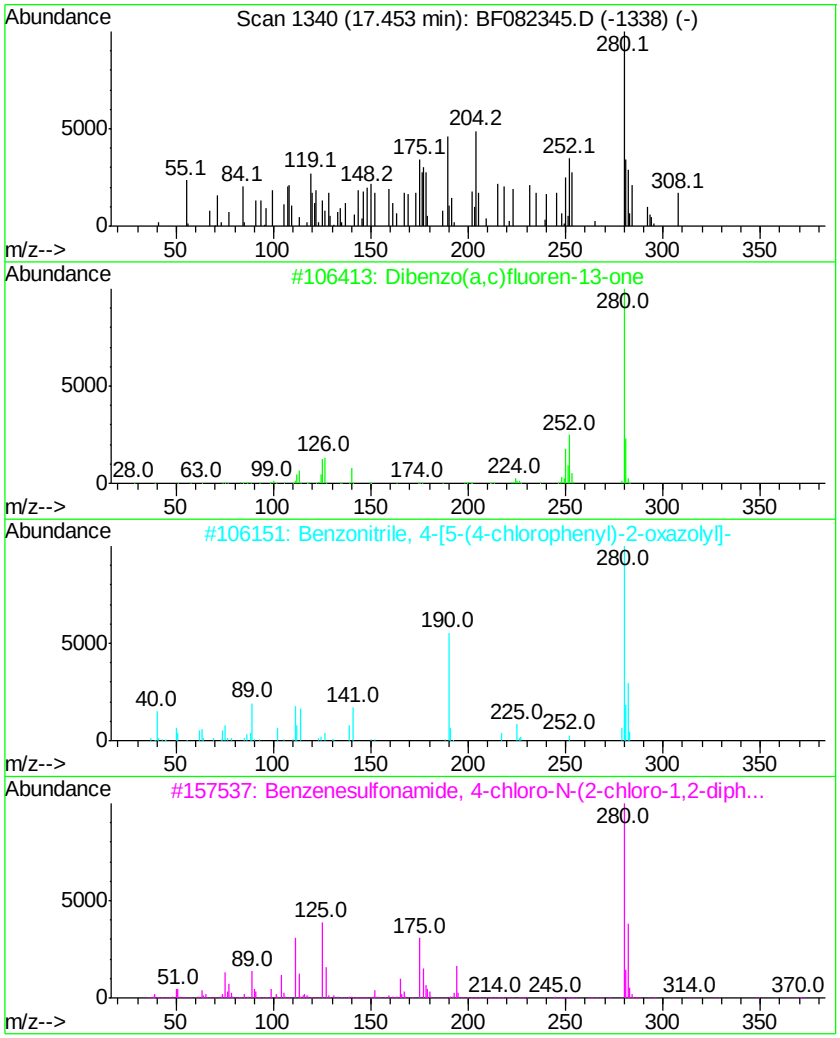
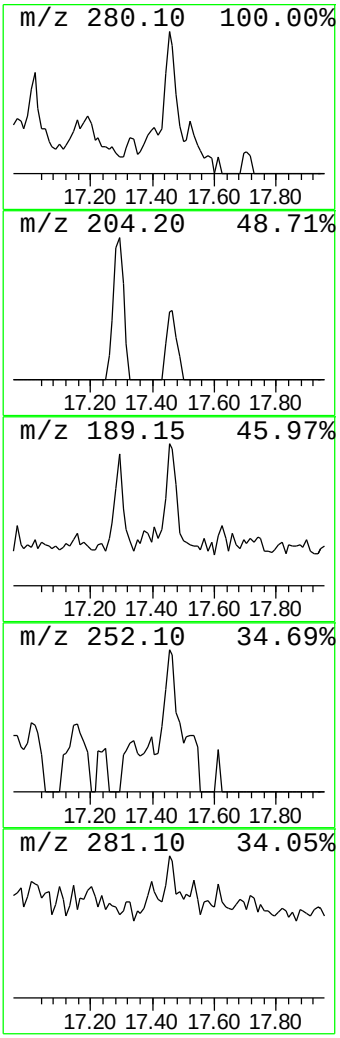
Peak Number 18 unknown17.45 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.97 ng	100181	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	32
2	Benzonitrile, 4-[5-(4-chlorophen...	280	C16H9ClN2O	111396-51-1	30
3	Benzenesulfonamide, 4-chloro-N-(...	405	C20H17Cl2NO2S	1000271-35-5	27
4	Benzofuro[3,2-d]pyrimidine, 4-ch...	280	C16H9ClN2O	134221-88-8	27
5	N-[2-(Adamantan-1-yloxy)-ethyl]-...	415	C19H28F3N5O2	1000274-69-5	27





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Instrument : BNA_F
ClientSampleId : KW-1

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

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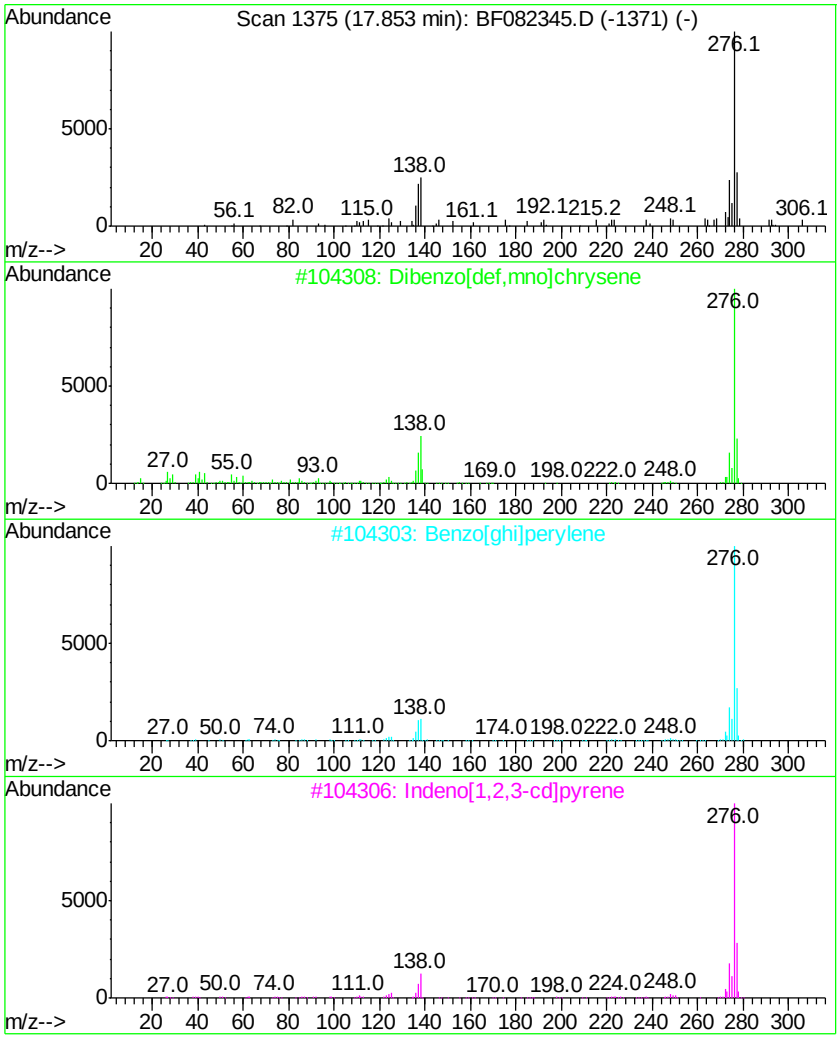
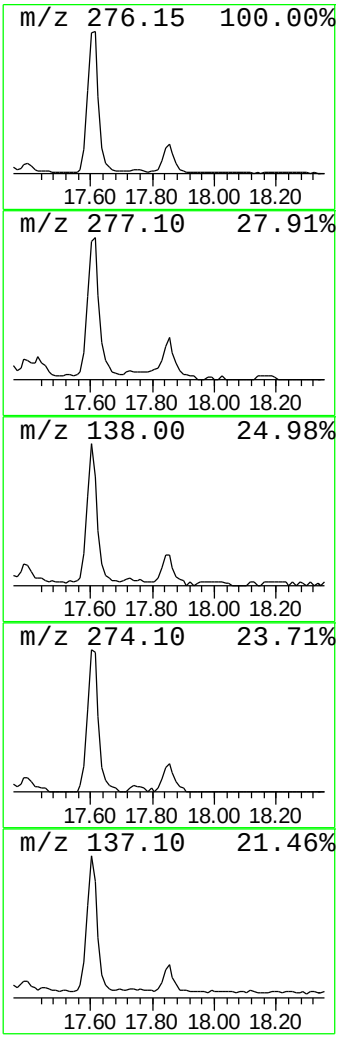
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.76 ng	126965	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	87
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





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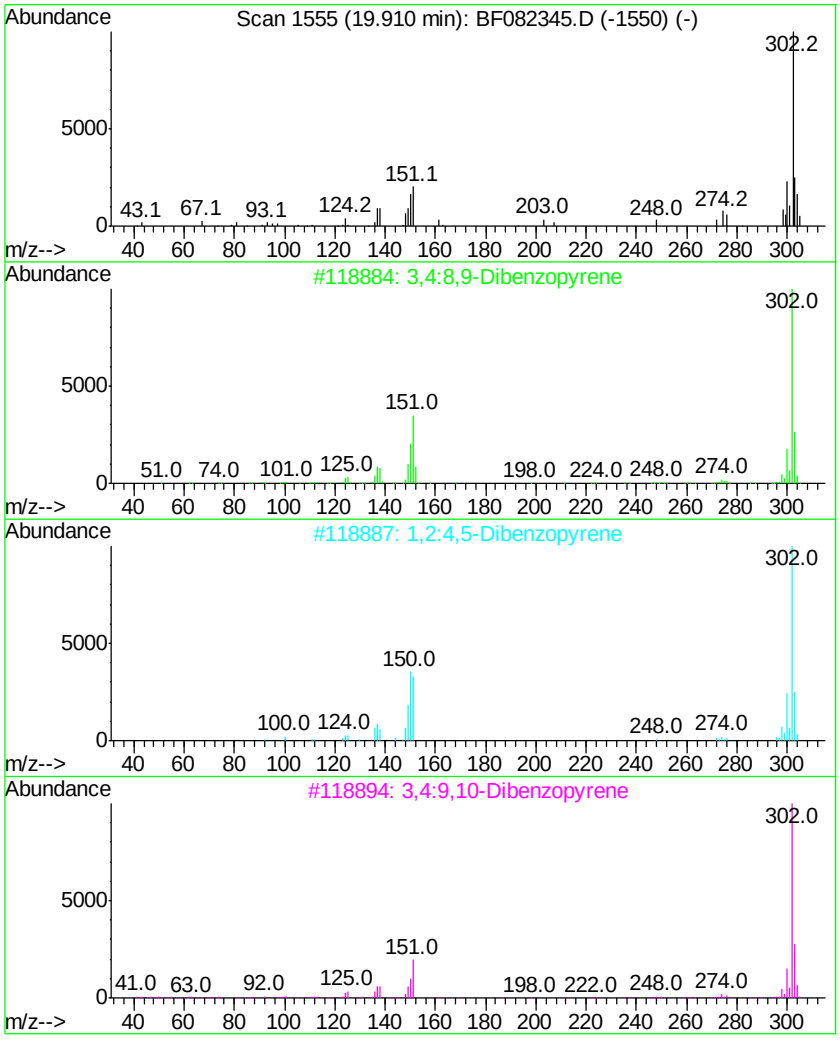
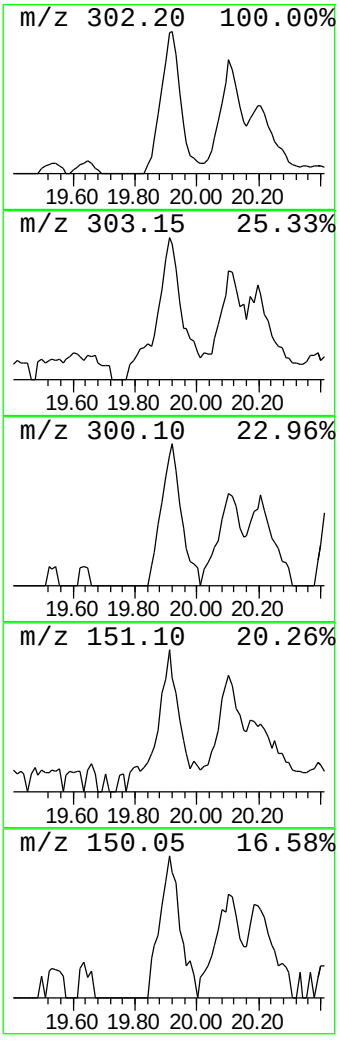
Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.56 ng	120235	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
3	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	68
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	59
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	58





Tentatively Identified Compound (LSC) summary

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Data File : BF082345.D
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	10.6	ng	164609	1	6.97	311830	20.0
unknown6.73	6.73	16.1	ng	250443	1	6.97	311830	20.0
Phenanthrene, 2-m...	11.98	4.9	ng	169870	4	11.48	687435	20.0
Phenanthrene, 1-m...	12.01	5.7	ng	196333	4	11.48	687435	20.0
4H-Cyclopenta[def...	12.09	10.3	ng	355367	4	11.48	687435	20.0
2-Phenylnaphthalene	12.28	3.0	ng	103224	4	11.48	687435	20.0
9,10-Anthracenedione	12.31	3.8	ng	131285	4	11.48	687435	20.0
Phenanthrene, 2,5...	12.53	5.2	ng	177958	4	11.48	687435	20.0
Cyclopenta(def)ph...	12.62	3.8	ng	129124	4	11.48	687435	20.0
11H-Benzo[b]fluorene	13.25	2.8	ng	243242	5	14.14	1766810	20.0
Heneicosane	16.09	2.9	ng	98374	6	15.65	675297	20.0
unknown17.29	17.29	3.3	ng	112027	6	15.65	675297	20.0
1,2:7,8-Dibenzoph...	17.40	3.4	ng	115368	6	15.65	675297	20.0
unknown17.45	17.45	3.0	ng	100181	6	15.65	675297	20.0
Dibenzo[def,mno]c...	17.85	3.8	ng	126965	6	15.65	675297	20.0
3,4:8,9-Dibenzopy...	19.91	3.6	ng	120235	6	15.65	675297	20.0