LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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-BF090115.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	4.399	243	246	258	rVB	472603	862918	26.61%	2.383%
2	4.902	288	290	293	rBV	1157726	1397499	43.09%	3.860%
3	6.022	386	388	391	rBV	1087728	1545224	47.64%	4.268%
4	6.124	395	397	399	rBV	1631615	1468728	45.28%	4.056%
5	6.353	415	417	420	rVB	367047	331159	10.21%	0.915%
6	6.513	428	431	433	rBV	1317846	1127286	34.76%	3.113%
7	6.936	465	468	470	rBV	1059648	1017665	31.38%	2.811%
8	7.645	528	530	534	rBV2	484964	528397	16.29%	1.459%
9	8.365	590	593	595	rVB	55683	76128	2.35%	0.210%
10	8.456	598	601	603	rBB	98808	84643	2.61%	0.234%
11	8.730	622	625	627	rBV	1811275	1553286	47.89%	4.290%
12	8.982	645	647	649	rBV	43170	52964	1.63%	0.146%
13	9.050	651	653	655	rBV	93756	113014	3.48%	0.312%
14	9.130	658	660	662	rBV	322283	301683	9.30%	0.833%
15	9.165	662	663	666	rVB	47091	60920	1.88%	0.168%
16	9.245	668	670	673	rBV	93512	84305	2.60%	0.233%
17	9.382	680	682	684	rBV	393306	407534	12.57%	1.126%
18	9.416	684	685	687	rVB	265328	189985	5.86%	0.525%
19	9.588	698	700	703	rBV	240425	228223	7.04%	0.630%
20	9.702	709	710	712	rBV	33382	43164	1.33%	0.119%
21	9.793	714	718	722	rBV2	37082	73719	2.27%	0.204%
22	9.931	728	730	731	rBV	193206	201858	6.22%	0.558%
23	9.988	731	735	736	rBV2	33679	57619	1.78%	0.159%
24	10.056	738	741	742	rVV2	27030	39742	1.23%	0.110%
25	10.091	742	744	746	rVB	98031	95818	2.95%	0.265%
26	10.171	748	751	753	rBV	1051418	1033624	31.87%	2.855%
27	10.216	753	755	757	rVB	34833	40373	1.24%	0.112%
28	10.319	763	764	767	rVB	42470	50133	1.55%	0.138%
29	10.468	775	777	779	rBV2	53284	82553	2.55%	0.228%
30	10.605	786	789	793	rBV3	74532	146821	4.53%	0.406%
31	10.662	793	794	797	rVB	200326	185158	5.71%	0.511%
32	10.719	797	799	800	rBV	71499	91531	2.82%	0.253%
33	10.742	800	801	808	rVB2	139163	218581	6.74%	0.604%
34	10.891	808	814	815	rBV2	2004456	3243317	100.00%	8.958%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.925	815	817	819	rVB	518970	572611	17.66%	1.581%
36	10.971	819	821	823	rVB	38380	42888	1.32%	0.118%
37	11.085	828	831	833	rBV2	151461	252212	7.78%	0.697%
38	11.154	836	837	838	rVV	73988	57851	1.78%	0.160%
39	11.188	838	840	843	rVB2	96429	106724	3.29%	0.295%
40	11.256	843	846	848	rVB3	35318	68083	2.10%	0.188%
41	11.302	848	850	852	rBV	29436	41082	1.27%	0.113%
42	11.348	852	854	855	rBV	278979	285292	8.80%	0.788%
43	11.382	855	857	859	rVB	415626	399255	12.31%	1.103%
44	11.428	859	861	862	rBV	308830	296976	9.16%	0.820%
45	11.462	862	864	867	rVB3	307256	577115	17.79%	1.594%
46	11.645	879	880	881	rBV	198956	189026	5.83%	0.522%
47	11.668	881	882	884	rVB	156921	171026	5.27%	0.472%
48	11.714	884	886	890	rVB4	20050	45776	1.41%	0.126%
49	11.794	890	893	895	rBV2	70984	114922	3.54%	0.317%
50	11.828	895	896	900	rVB2	52632	81734	2.52%	0.226%
51	11.896	900	902	903	rBV	154664	165187	5.09%	0.456%
52	11.931	903	905	908	rVV2	84256	151056	4.66%	0.417%
53	11.976	908	909	913	rVB2	147262	210172	6.48%	0.580%
54	12.057	913	916	919	rBV	1731808	2129771	65.67%	5.882%
55	12.114	919	921	923	rBV	78386	110192	3.40%	0.304%
56	12.194	926	928	930	rBV	173619	202387	6.24%	0.559%
57	12.285	932	936	937	rVV	1722023	2382065	73.45%	6.579%
58	12.331	937	940	943	rVB4	110747	220107	6.79%	0.608%
59	12.399	943	946	947	rBV	131350	122064	3.76%	0.337%
60	12.434	947	949	952	rVB	1021458	1067827	32.92%	2.949%
61	12.502	952	955	956	rBV2	116869	204262	6.30%	0.564%
62	12.582	959	962	965	rVB2	135570	313777	9.67%	0.867%
63	12.674	965	970	971	rBV4	50740	112678	3.47%	0.311%
64	12.708	971	973	977	rBV	150150	241993	7.46%	0.668%
65	12.788	979	980	982	rBV	84435	86796	2.68%	0.240%
66	12.822	982	983	985	rBV	96670	80805	2.49%	0.223%
67	12.902	988	990	995	rVB4	28356	66846	2.06%	0.185%
68	12.994	995	998	999	rBV2	37174	77877	2.40%	0.215%
69	13.108	1005	1008	1010	rVB	163326	196359	6.05%	0.542%
70	13.211	1014	1017	1018	rBV	166074	172932	5.33%	0.478%
71	13.257	1018	1021	1022	rVV2	116509	232846	7.18%	0.643%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.314	1025	1026	1028	rVB	176045	141742	4.37%	0.391%
73	13.359	1028	1030	1035	rBV2	117156	243418	7.51%	0.672%
74	13.462	1035	1039	1040	rVV2	668784	1218955	37.58%	3.367%
75	13.485	1040	1041	1045	rVB	519973	694445	21.41%	1.918%
76	13.565	1045	1048	1049	rVB	70269	89870	2.77%	0.248%
77	13.657	1049	1056	1058	rBV6	63407	215564	6.65%	0.595%
78	13.782	1065	1067	1068	rBV2	21624	37949	1.17%	0.105%
79	13.851	1070	1073	1074	rVV	105542	135863	4.19%	0.375%
80	13.874	1074	1075	1078	rVB	47536	64508	1.99%	0.178%
81	13.931	1078	1080	1082	rVB2	32954	41967	1.29%	0.116%
82	14.045	1088	1090	1092	rVB	43286	45512	1.40%	0.126%
83	14.091	1092	1094	1096	rBV2	26094	38914	1.20%	0.107%
84	14.148	1096	1099	1100	rBV2	57046	81185	2.50%	0.224%
85	14.251	1106	1108	1111	rBV	415233	397512	12.26%	1.098%
86	14.308	1111	1113	1117	rBV3	50430	110649	3.41%	0.306%
87	14.445	1123	1125	1129	rVV	487058	1006432	31.03%	2.780%
88	14.525	1131	1132	1134	rVB	59972	79526	2.45%	0.220%
89	14.674	1143	1145	1148	rVB	263058	377574	11.64%	1.043%
90	14.731	1148	1150	1152	rVB	489859	546422	16.85%	1.509%
91	14.777	1152	1154	1158	rBV2	185512	393721	12.14%	1.087%
92	15.543	1217	1221	1222	rBV3	25321	68638	2.12%	0.190%
93	15.714	1233	1236	1243	rVV3	42381	154934	4.78%	0.428%
94	15.851	1244	1248	1251	rVV	230691	376496	11.61%	1.040%
95	15.908	1251	1253	1254	rVV	25700	44591	1.37%	0.123%
96	15.977	1257	1259	1260	rVV	64908	105641	3.26%	0.292%
97	16.011	1260	1262	1270	rVB5	66918	201958	6.23%	0.558%
98	16.171	1272	1276	1281	rVB	144634	272573	8.40%	0.753%
99	16.331	1288	1290	1293	rBV	36126	63520	1.96%	0.175%
100	17.771	1413	1416	1421	rVB	29211	70769	2.18%	0.195%

Sum of corrected areas: 36206992

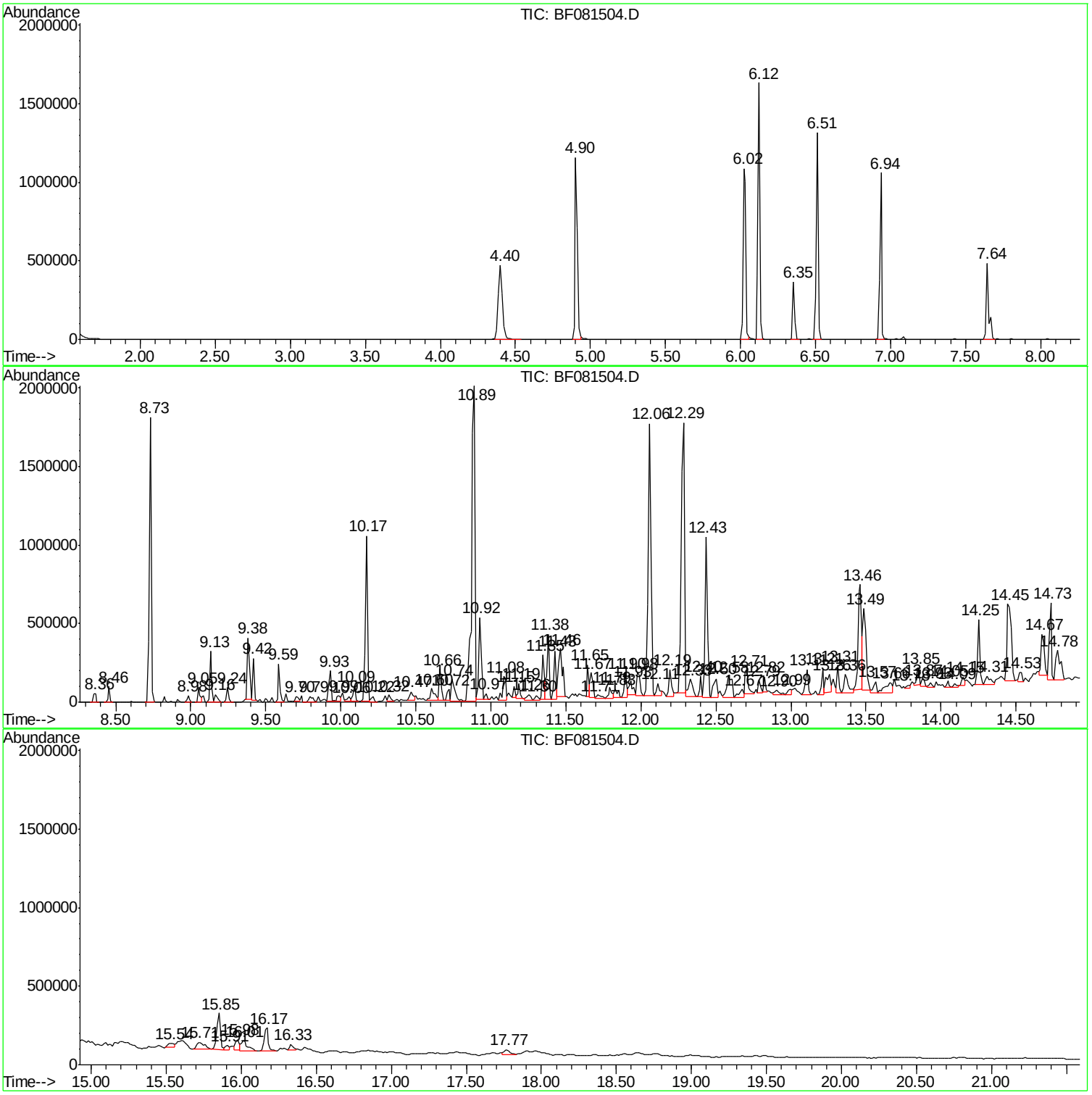
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
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ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

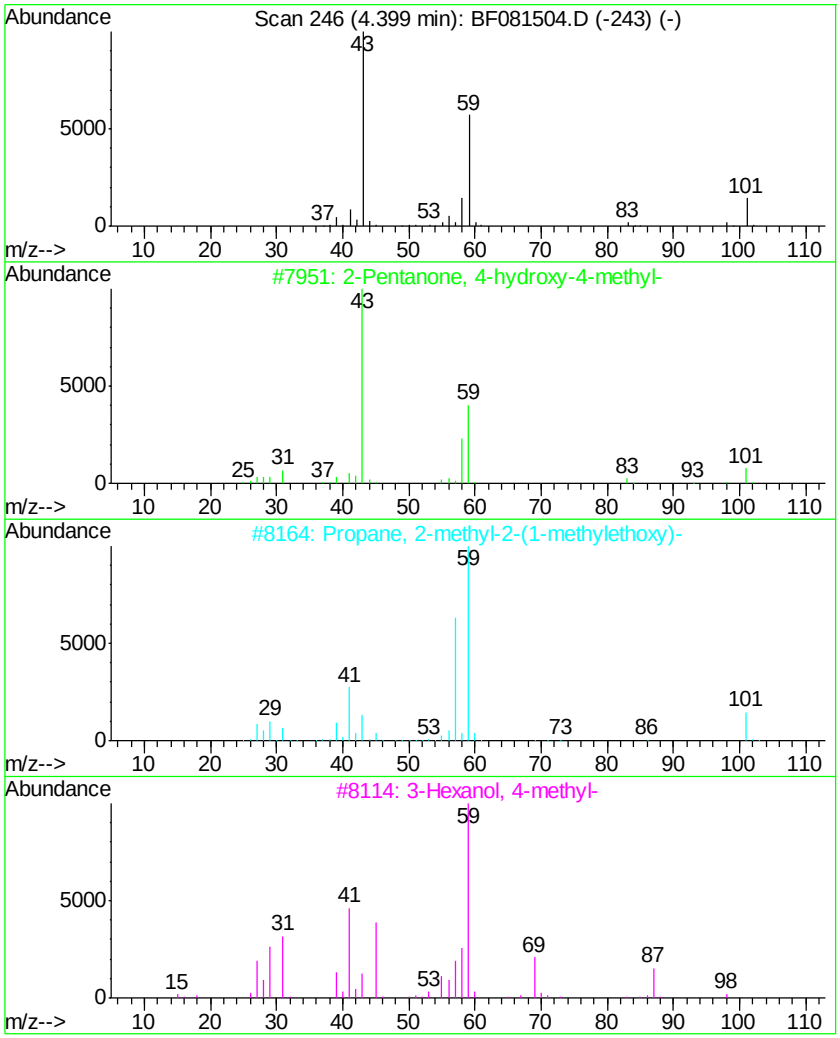
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

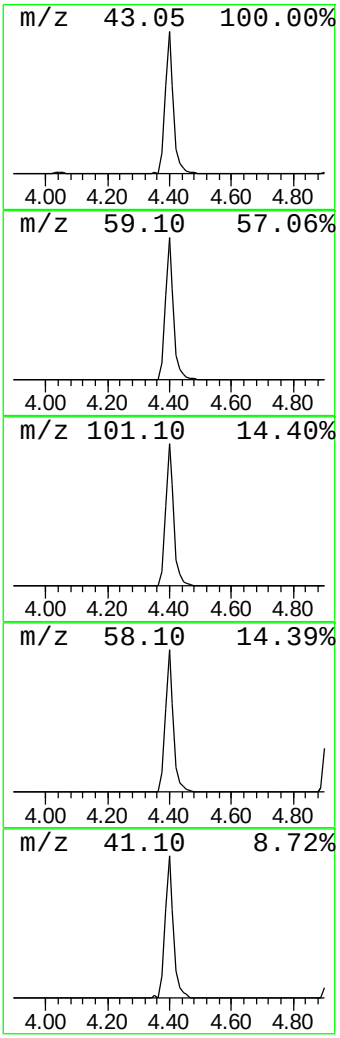
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	52.12 ng	862918	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

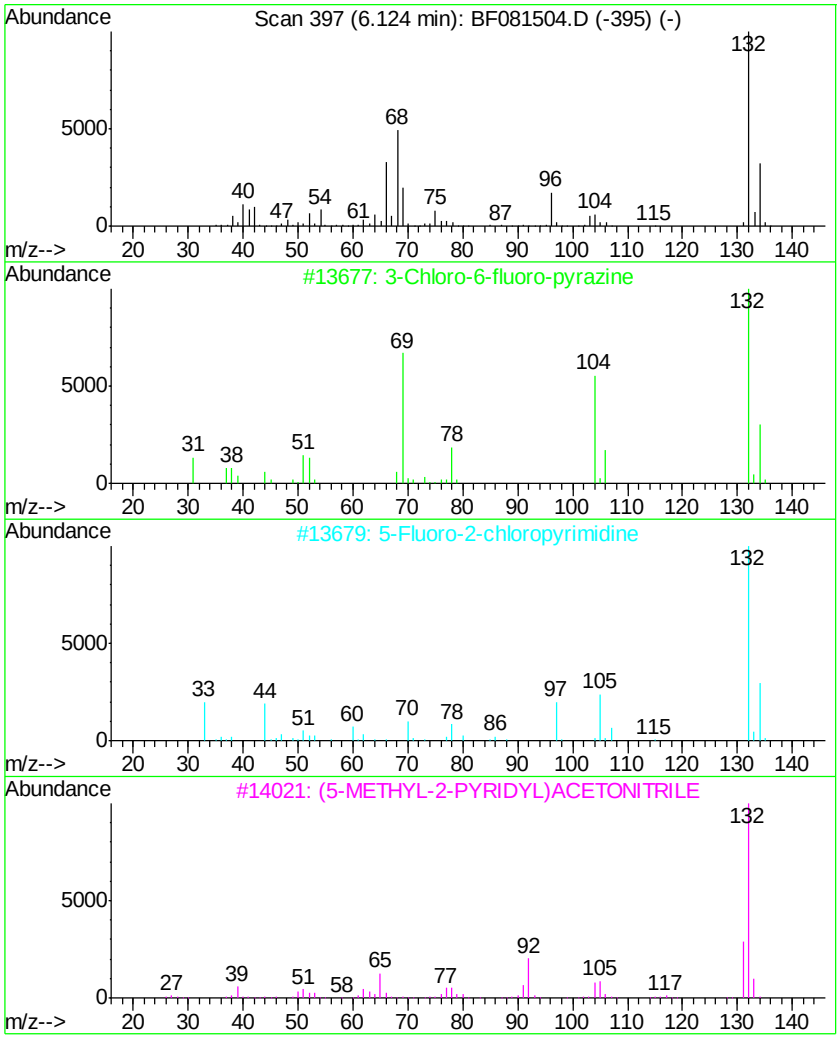
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

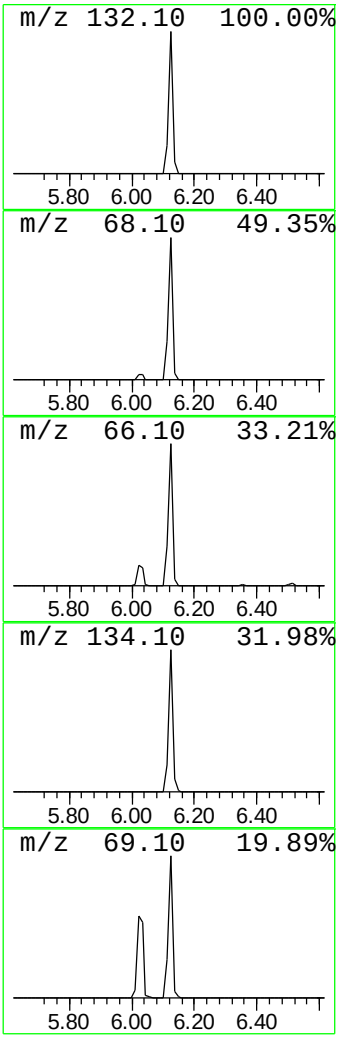
****

Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	88.70 ng	1468730	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

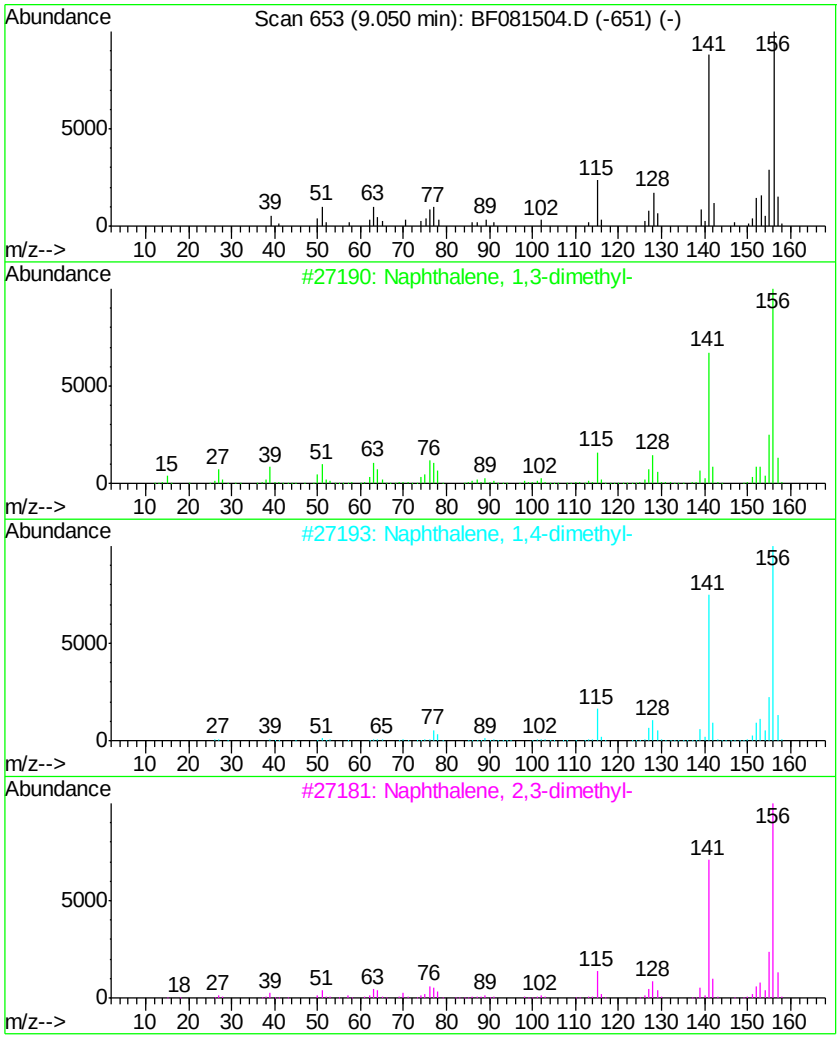
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

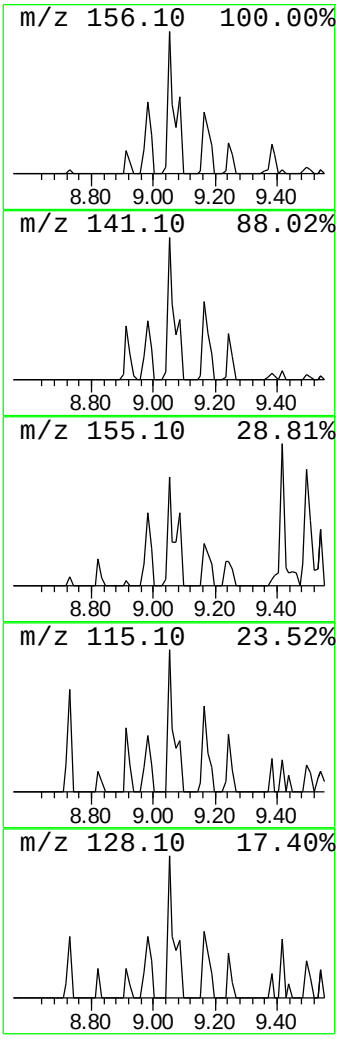
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.55 ng	113014	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

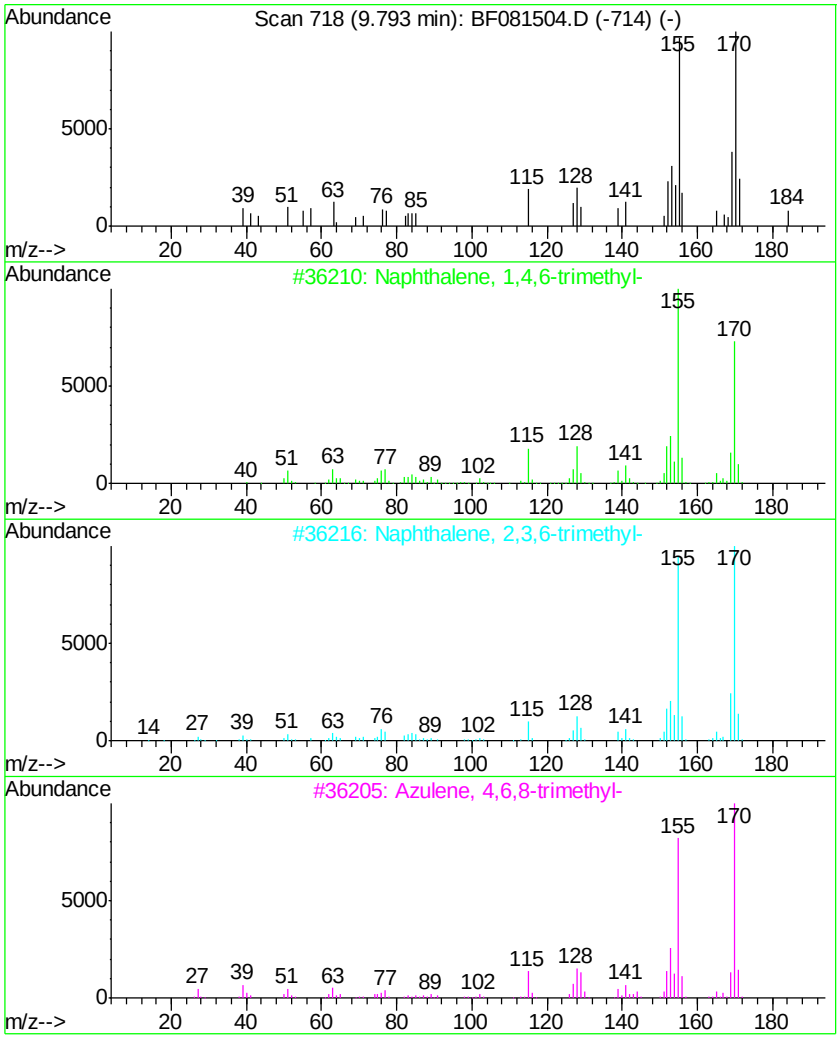
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

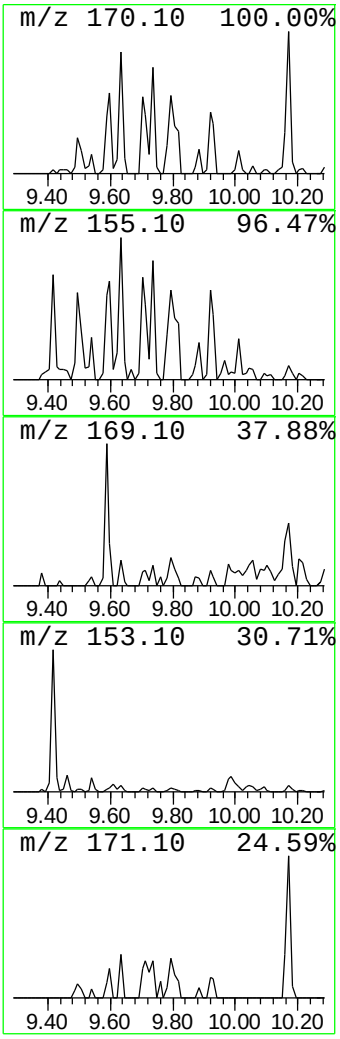
****

Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.62 ng	73719	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

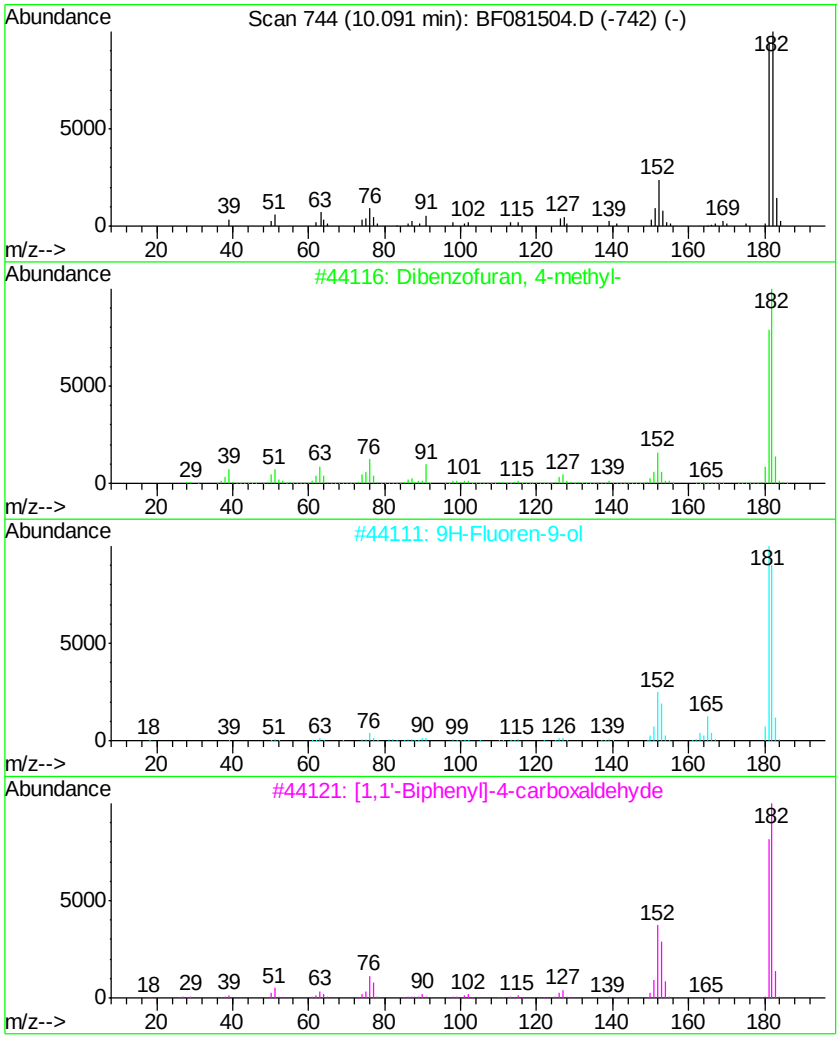
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

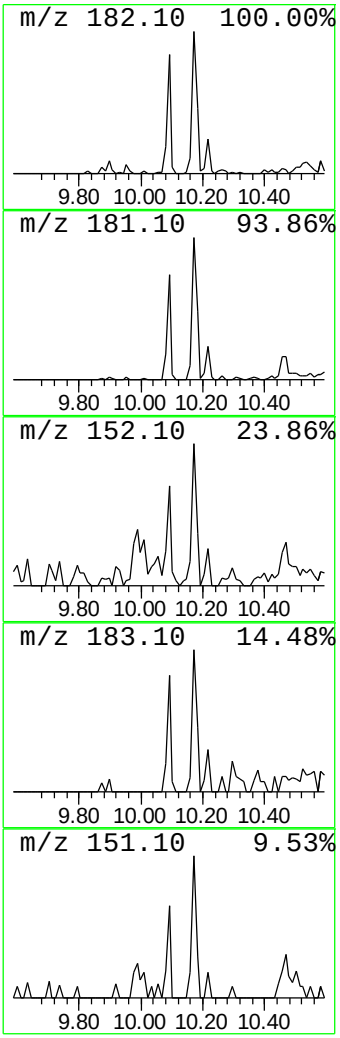
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	4.70 ng	95818	Acenaphthene-d10	9.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	2-Fluorenamine	181	C13H11N	000153-78-6	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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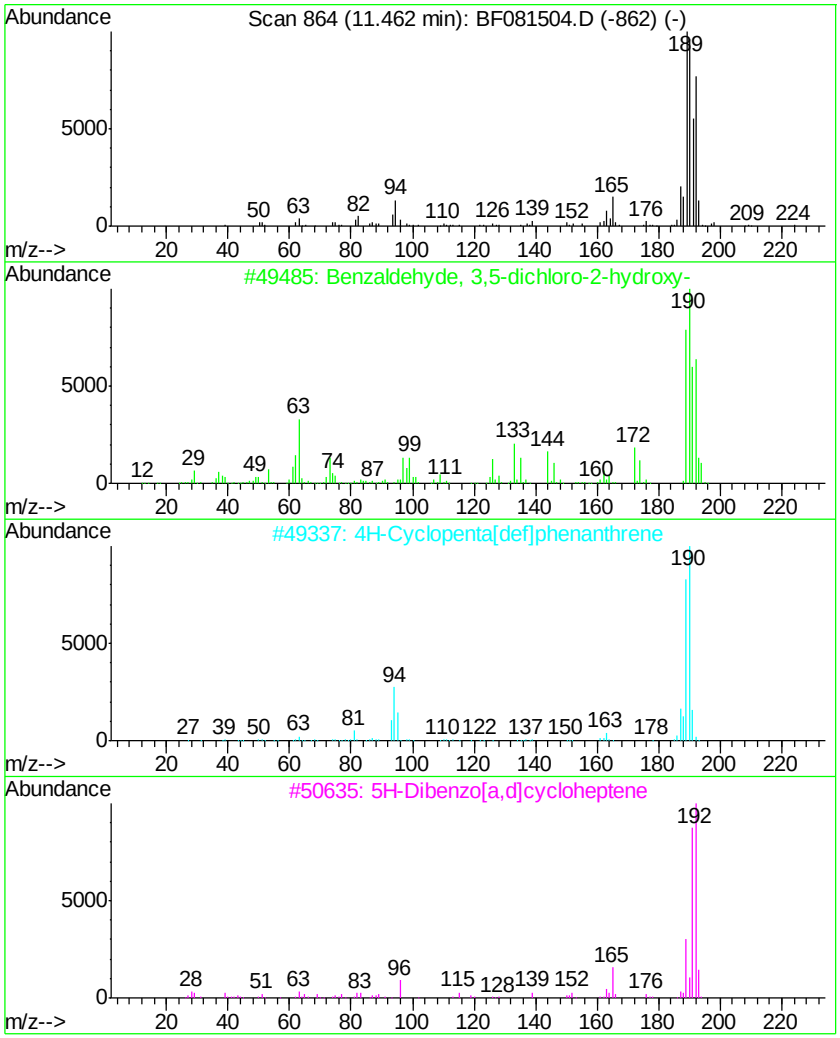
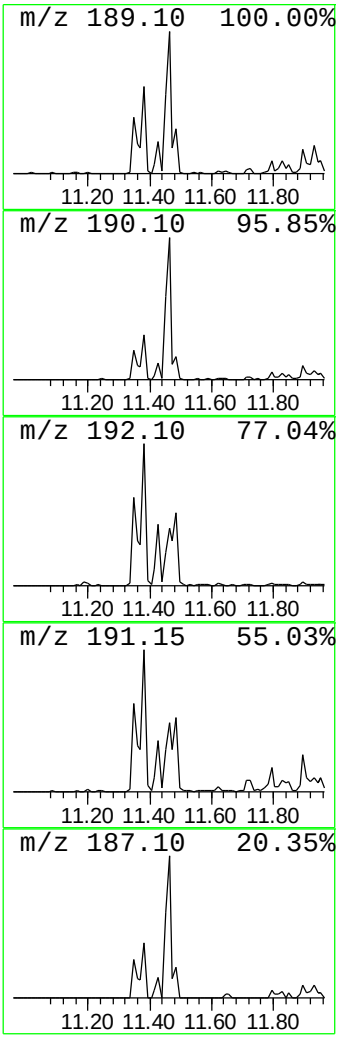
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.56 ng	577115	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





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Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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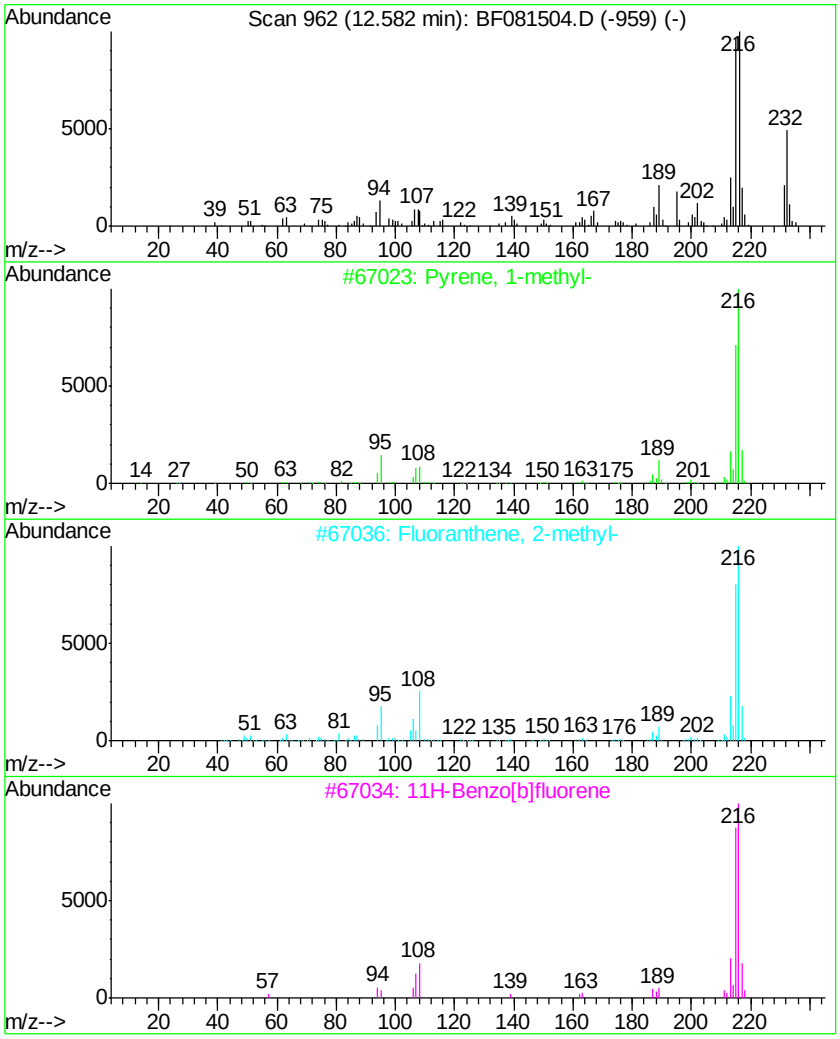
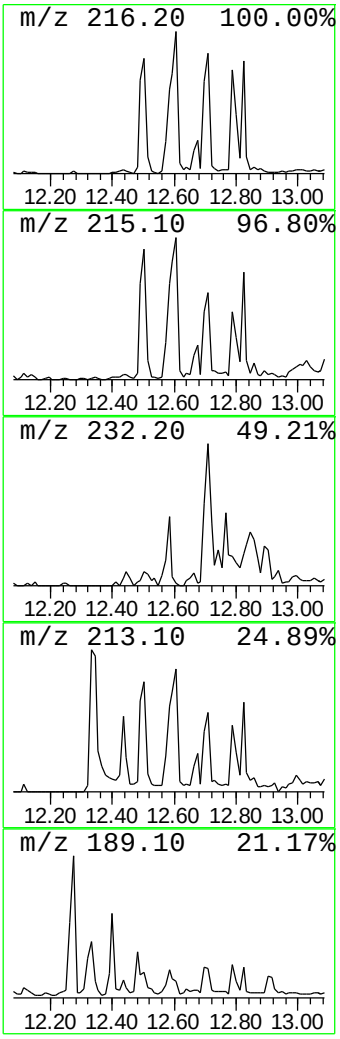
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	5.15 ng	313777	Chrysene-d12	13.46

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	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55





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Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
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ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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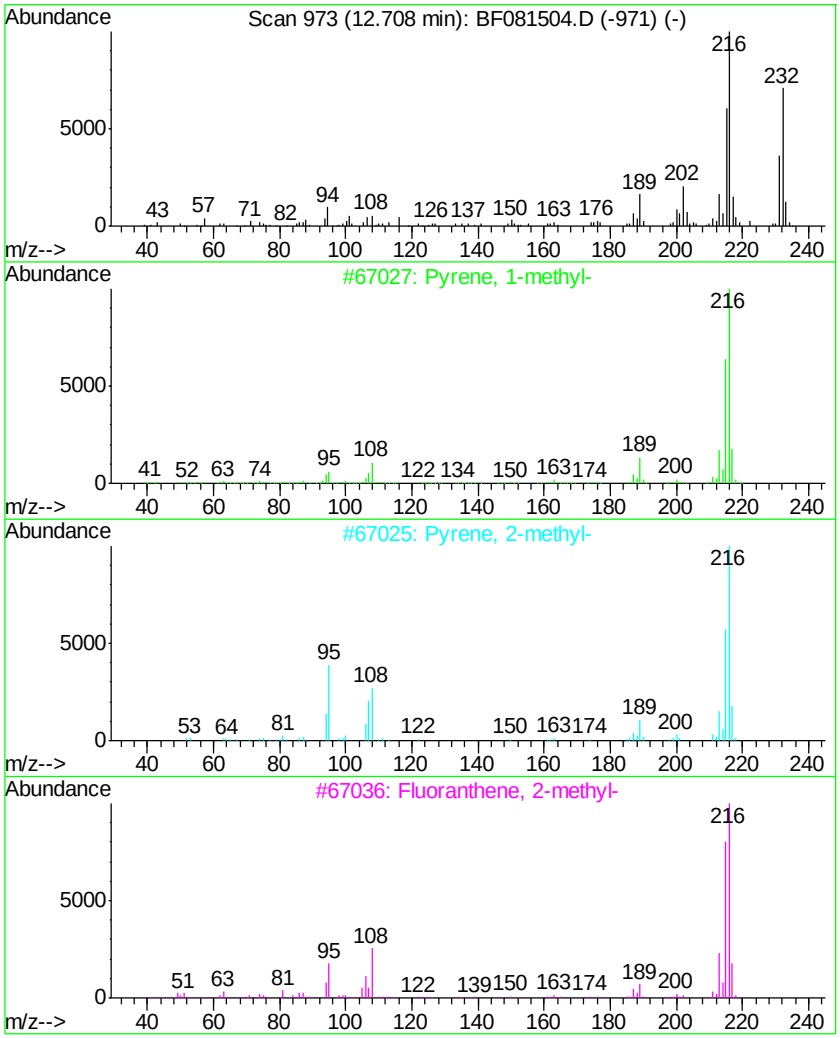
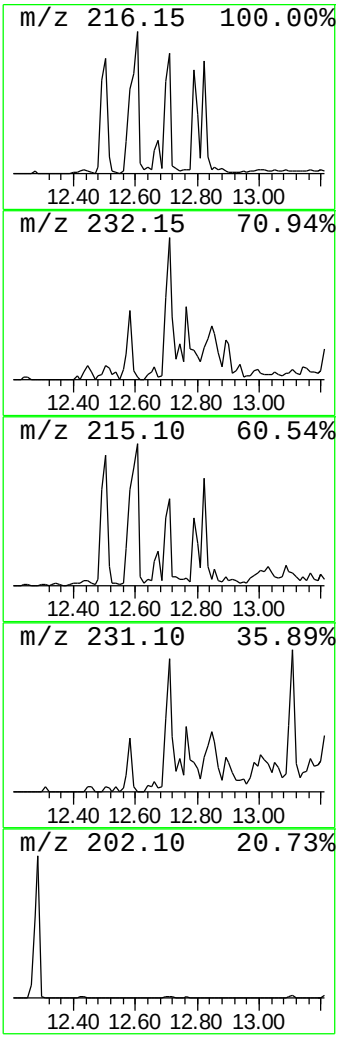
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.97 ng	241993	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49





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Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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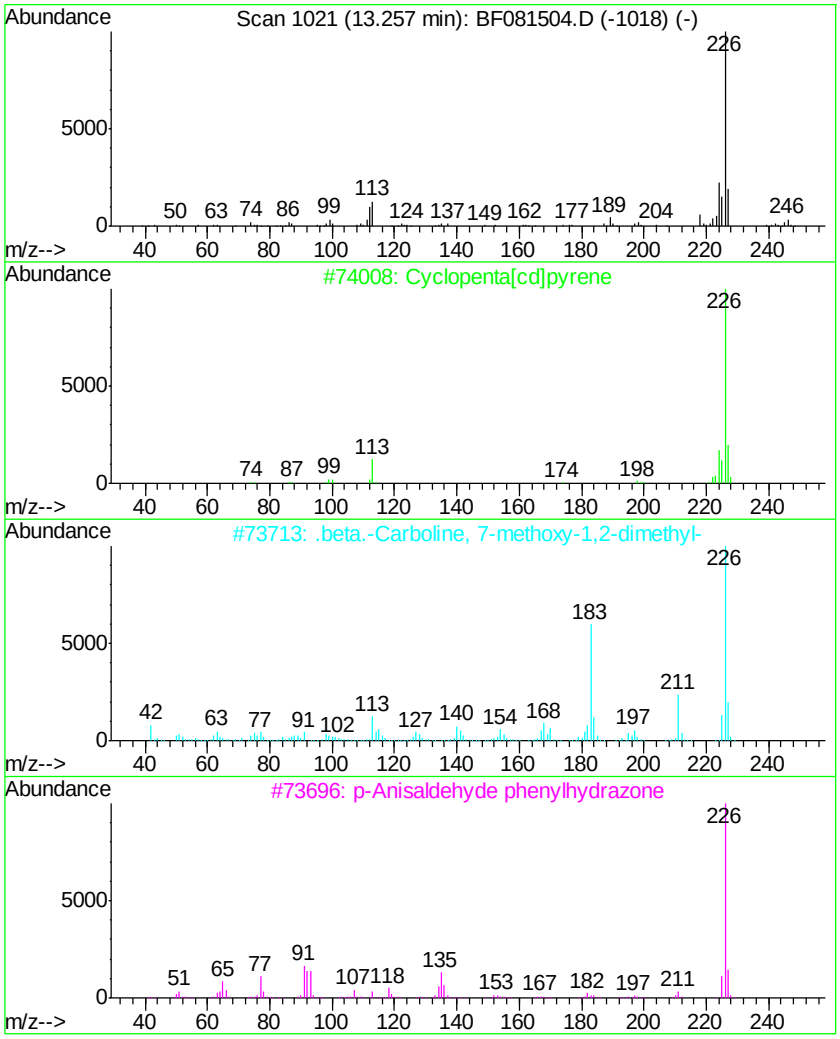
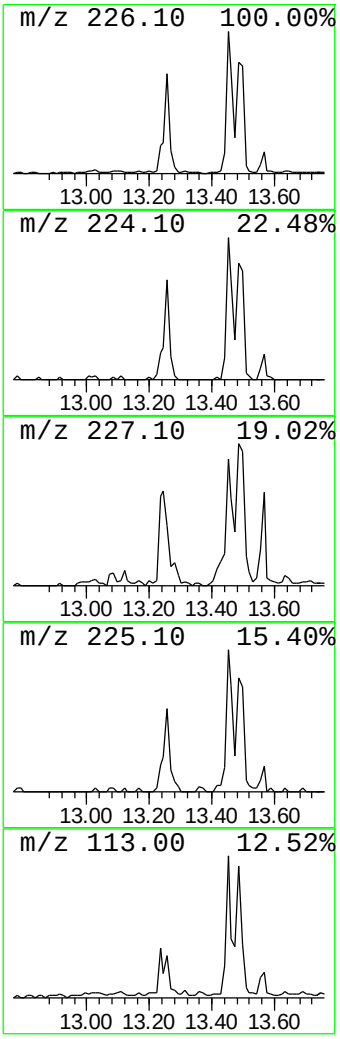
Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.82 ng	232846	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	52
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	50
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43





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Acq On : 6 Sep 2015 12:14
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Sample : G3555-12
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Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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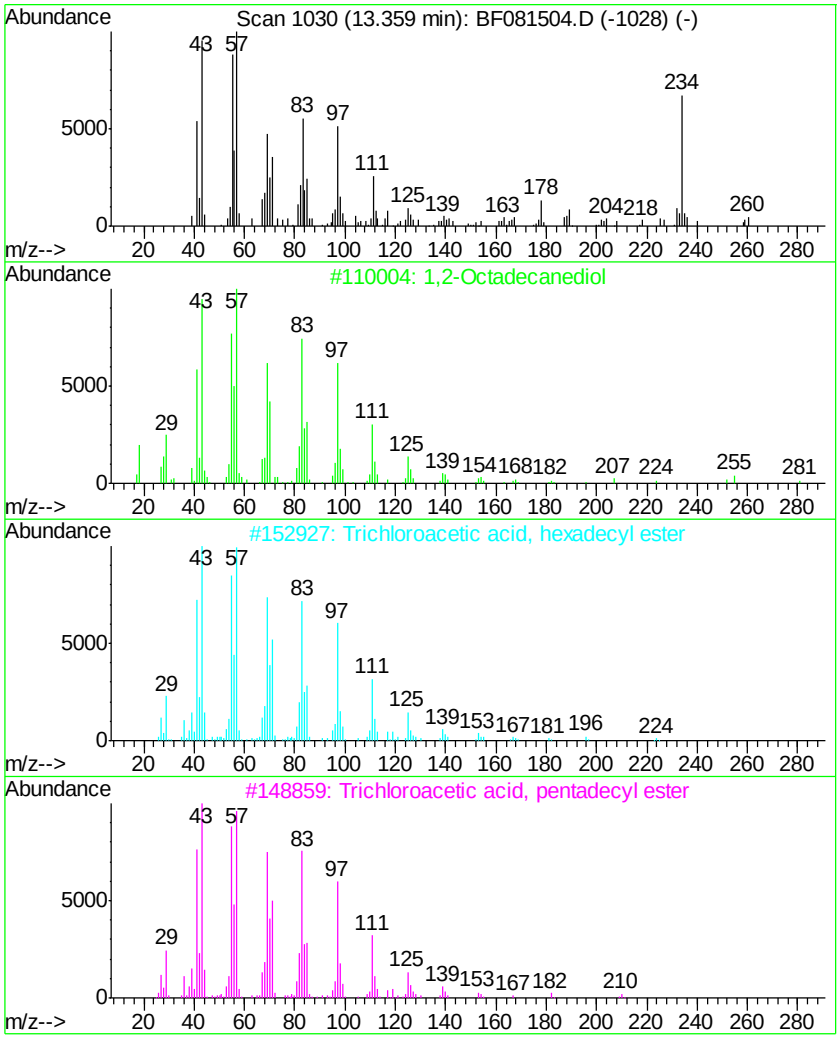
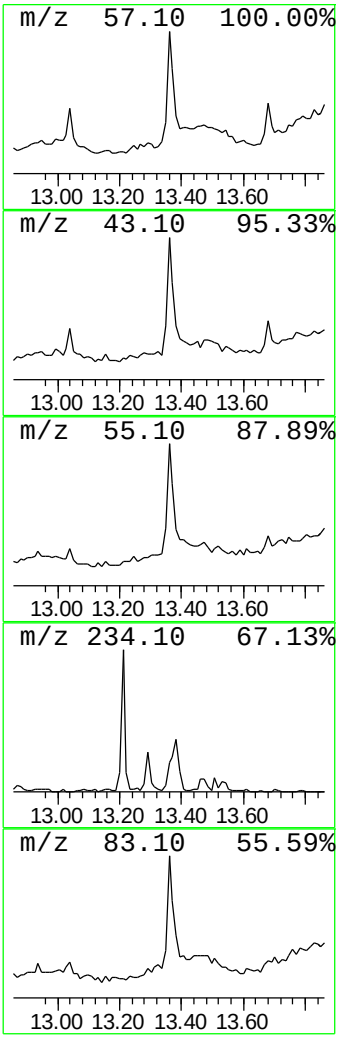
Peak Number 11 1,2-Octadecanediol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.99 ng	243418	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Octadecanediol	286	C18H38O2	020294-76-2	70
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	64
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	64





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Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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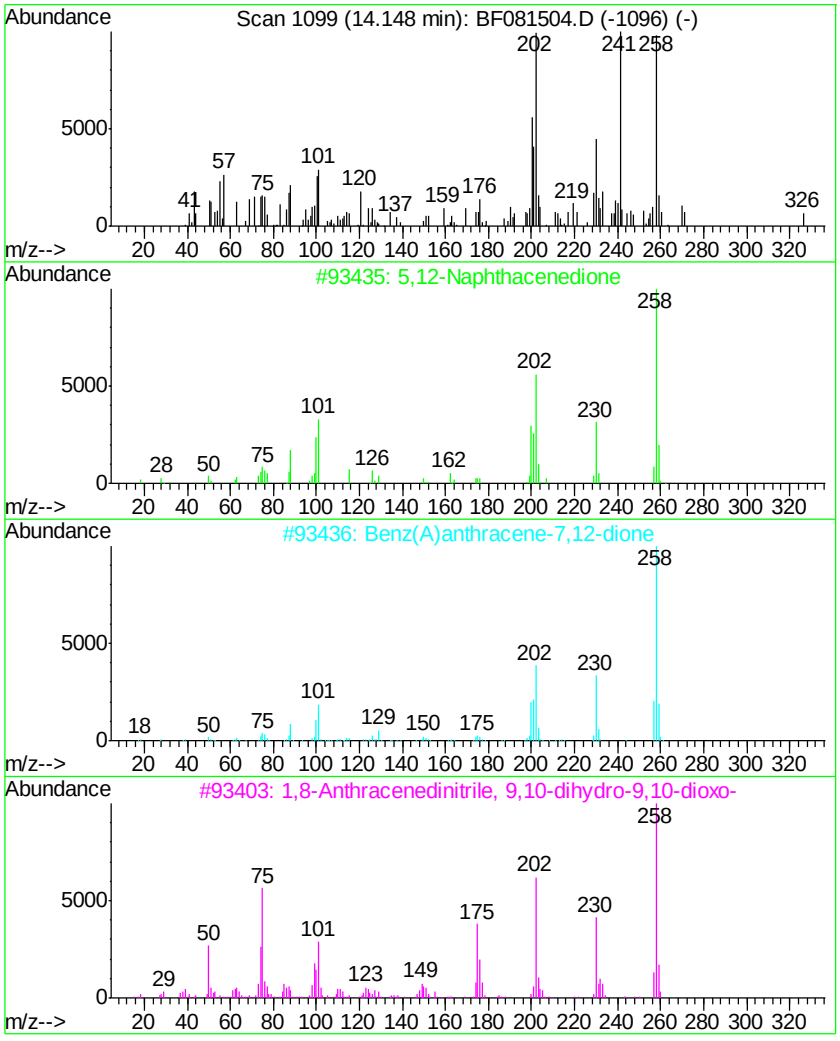
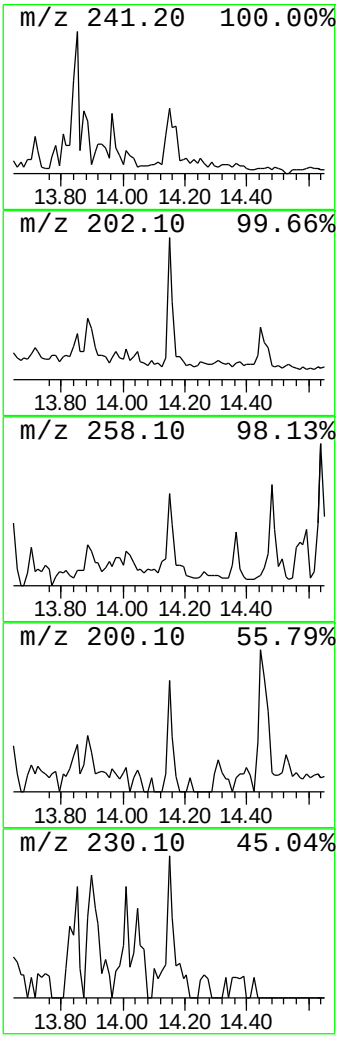
Peak Number 12 5,12-Naphthacenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	4.12 ng	81185	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
3	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	43
4	4,8,9-Trihydroxy-6-methyl-3,4-di...	258	C15H14O4	1000210-20-3	27
5	Pyrene	202	C16H10	000129-00-0	22





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Sample : G3555-12
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ClientSampleId : COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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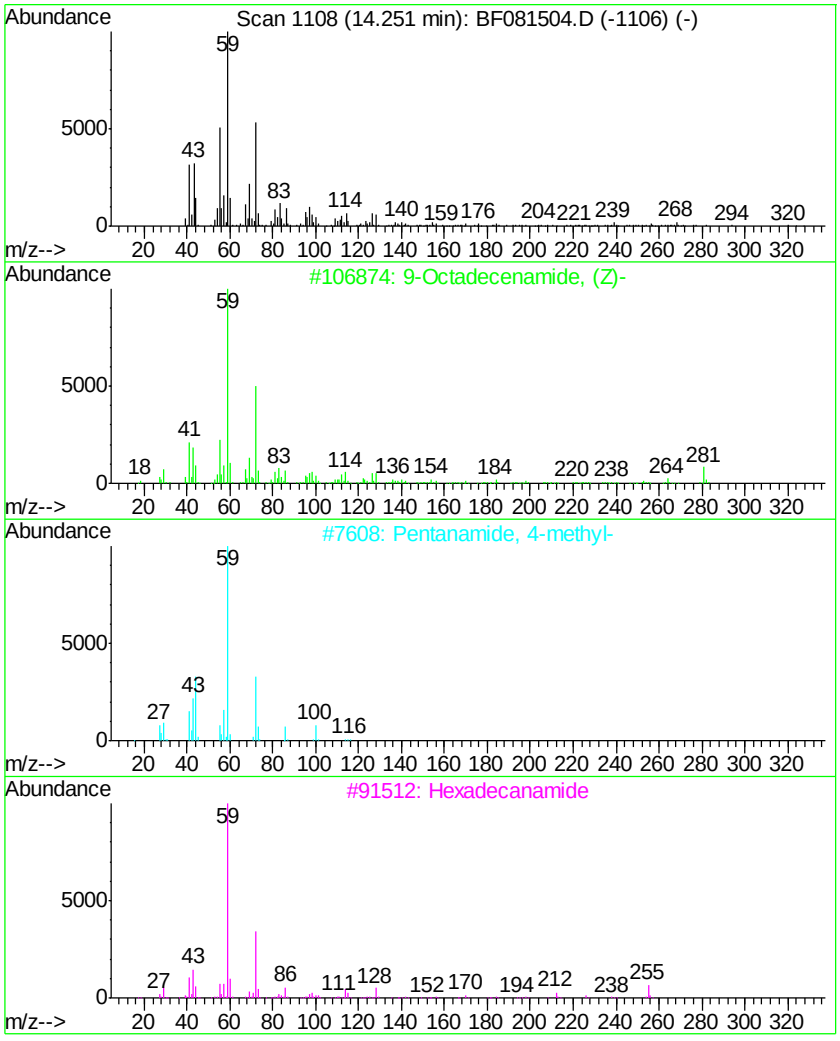
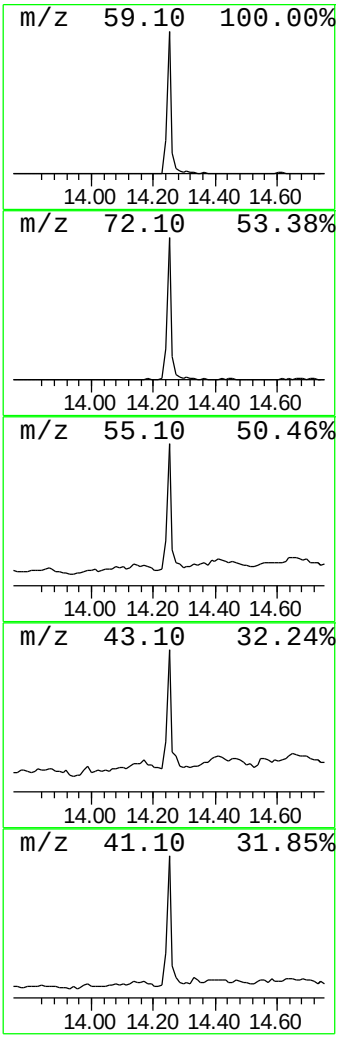
Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	20.19 ng	397512	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
5	Octadecanamide	283	C18H37NO	000124-26-5	59





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Sample : G3555-12
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-2

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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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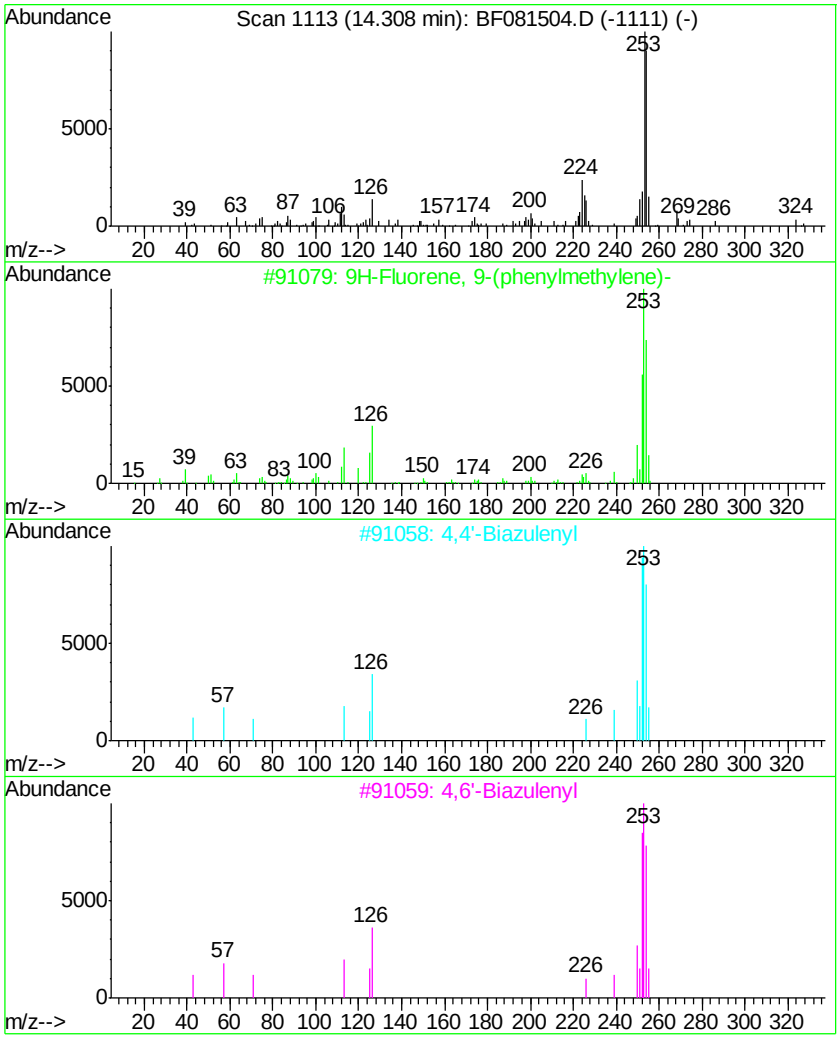
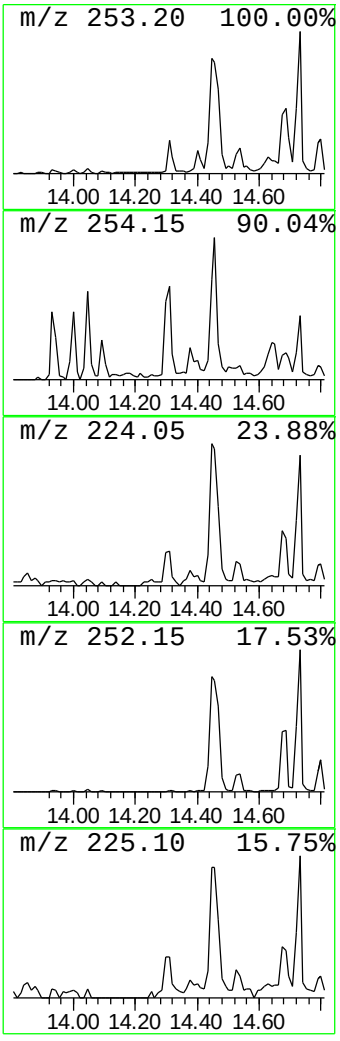
Peak Number 14 9H-Fluorene, 9-(phenylmethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	5.62 ng	110649	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	74
2	4,4'-Biazulenyl	254	C20H14	094053-54-0	72
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	72
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64





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Sample : G3555-12
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ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

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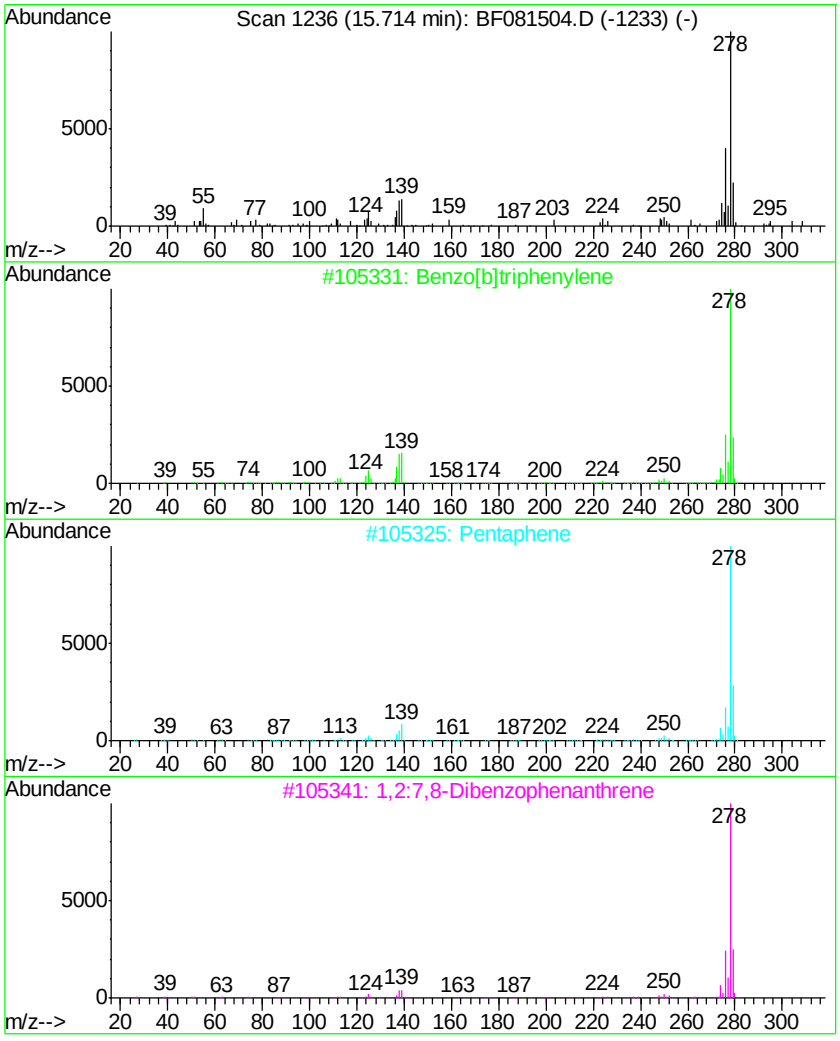
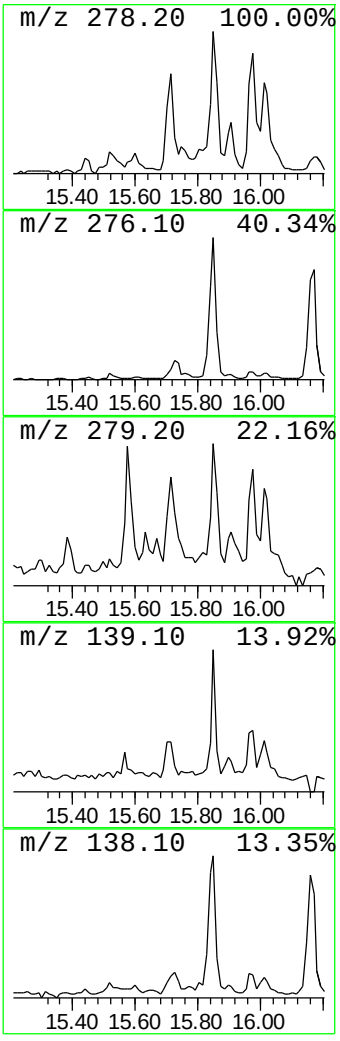
Peak Number 17 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	7.87 ng	154934	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Pentaphene	278	C22H14	000222-93-5	70
3	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70
4	Benzo[b]chrysene	278	C22H14	000214-17-5	70
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64





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Sample : G3555-12
Misc :
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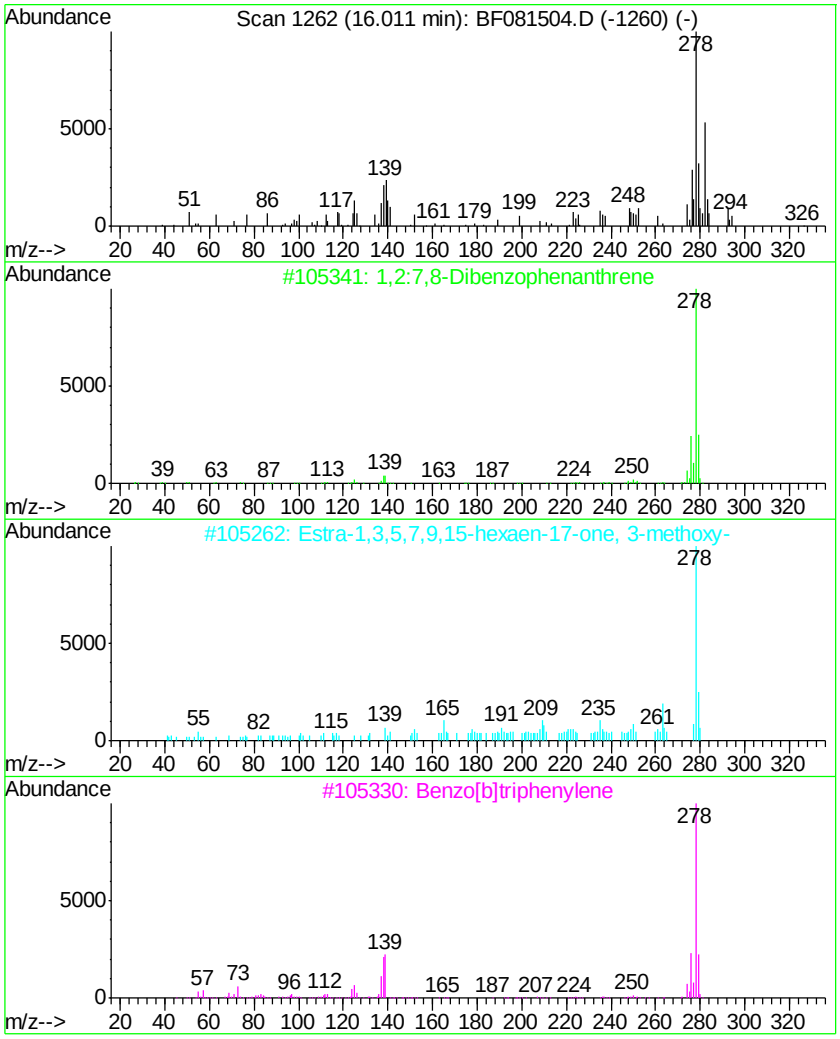
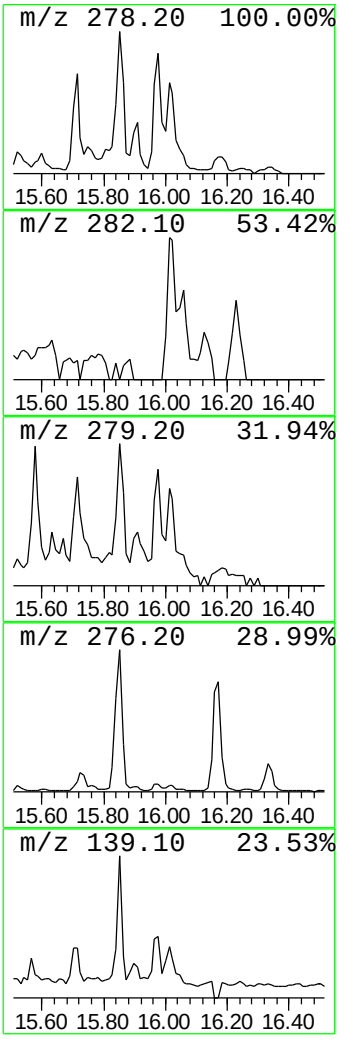
Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	10.26 ng	201958	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	64
2	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	55
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	55
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	50
5	Pentacene	278	C22H14	000135-48-8	49





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ALS Vial : 79 Sample Multiplier: 1

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BNA_F
ClientSampleId :
COMP-2

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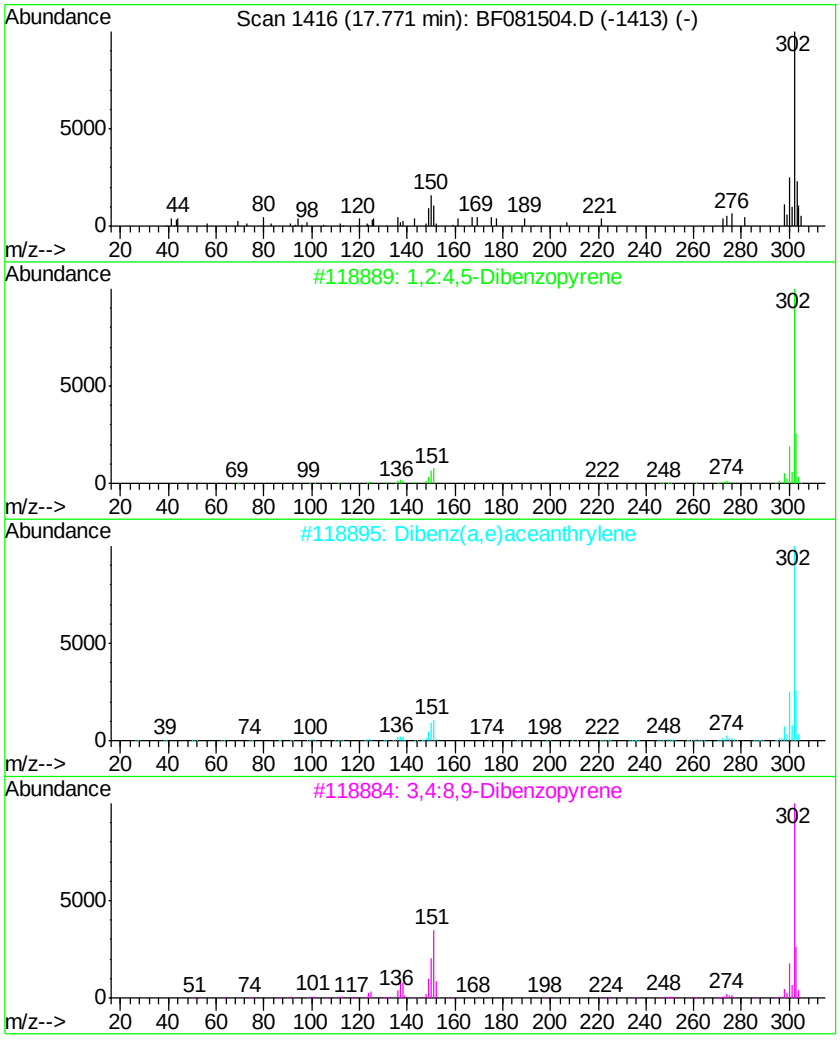
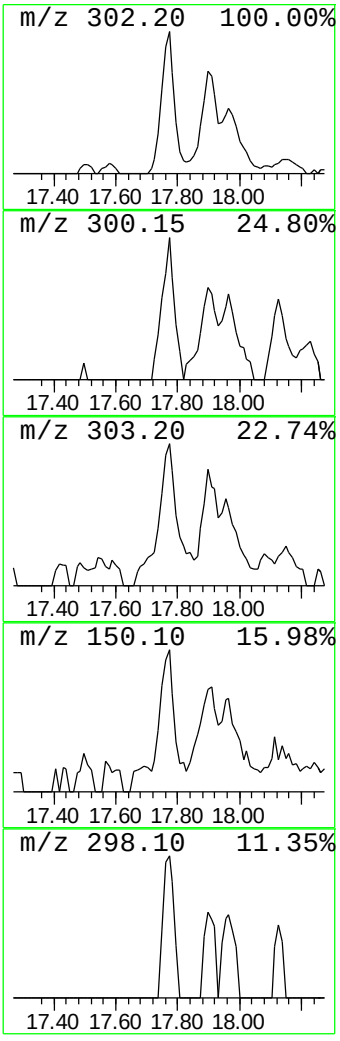
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.59 ng	70769	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	58
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	58
5	Hematoxylin	302	C16H14O6	000517-28-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.40	52.1	ng	862918	1	6.35	331159	20.0
unknown6.12	6.12	88.7	ng	1468730	1	6.35	331159	20.0
Naphthalene, 1,3-...	9.05	5.5	ng	113014	3	9.38	407534	20.0
Naphthalene, 1,4,...	9.79	3.6	ng	73719	3	9.38	407534	20.0
Dibenzofuran, 4-m...	10.09	4.7	ng	95818	3	9.38	407534	20.0
Benzaldehyde, 3,5...	11.46	3.6	ng	577115	4	10.86	3243320	20.0
Pyrene, 1-methyl-	12.58	5.2	ng	313777	5	13.46	1218960	20.0
Pyrene, 2-methyl-	12.71	4.0	ng	241993	5	13.46	1218960	20.0
Cyclopenta[cd]pyrene	13.26	3.8	ng	232846	5	13.46	1218960	20.0
1,2-Octadecanediol	13.36	4.0	ng	243418	5	13.46	1218960	20.0
5,12-Naphthacened...	14.15	4.1	ng	81185	6	14.78	393721	20.0
9-Octadecenamide,...	14.25	20.2	ng	397512	6	14.78	393721	20.0
9H-Fluorene, 9-(p...	14.31	5.6	ng	110649	6	14.78	393721	20.0
Benzo[b]triphenylene	15.71	7.9	ng	154934	6	14.78	393721	20.0
1,2:7,8-Dibenzoph...	16.01	10.3	ng	201958	6	14.78	393721	20.0
1,2:4,5-Dibenzopy...	17.77	3.6	ng	70769	6	14.78	393721	20.0