LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

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-BF031516.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	2.881	44	52	55	rBV	91523	150646	1.28%	0.178%
2	3.670	114	121	124	rVB5	56113	173912	1.48%	0.205%
3	3.864	135	138	140	rBV	183153	325951	2.78%	0.385%
4	4.253	171	172	181	rVB3	120472	202779	1.73%	0.239%
5	5.464	276	278	282	rBV	202229	254695	2.17%	0.301%
6	5.727	299	301	305	rVB2	146631	231078	1.97%	0.273%
7	6.539	369	372	374	rVB	460788	613937	5.23%	0.724%
8	6.722	387	388	390	rBV2	169593	245766	2.09%	0.290%
9	6.756	390	391	394	rVB	180568	159322	1.36%	0.188%
10	6.904	401	404	406	rBV	582338	733021	6.25%	0.865%
11	7.076	414	419	422	rBV2	111669	197952	1.69%	0.234%
12	7.156	423	426	428	rBV	1386884	2086069	17.78%	2.461%
13	7.305	437	439	442	rBV	675663	638616	5.44%	0.754%
14	7.602	462	465	467	rBV2	117868	169816	1.45%	0.200%
15	7.967	496	497	501	rVB	184227	222968	1.90%	0.263%
16	8.230	514	520	521	rVB2	5914973	11733744	100.00%	13.845%
17	8.265	521	523	525	rVB	691601	565853	4.82%	0.668%
18	8.539	545	547	549	rBV	709218	574016	4.89%	0.677%
19	8.688	558	560	563	rVB	157743	148664	1.27%	0.175%
20	8.825	570	572	574	rBV	411687	365354	3.11%	0.431%
21	8.905	576	579	581	rBV	3011059	2758089	23.51%	3.254%
22	8.950	581	583	585	rBV	224176	220687	1.88%	0.260%
23	8.996	585	587	590	rVB	1263176	1251652	10.67%	1.477%
24	9.362	617	619	621	rVV	933800	784078	6.68%	0.925%
25	9.522	630	633	635	rBV	324204	471083	4.01%	0.556%
26	9.602	637	640	641	rVV	377154	426947	3.64%	0.504%
27	9.625	641	642	644	rVV	288608	250365	2.13%	0.295%
28	9.659	644	645	647	rVB	199826	244329	2.08%	0.288%
29	9.716	647	650	655	rBV	177945	227055	1.94%	0.268%
30	9.808	655	658	660	rBV	3092319	3046324	25.96%	3.594%
31	9.945	665	670	671	rBV2	904549	1203942	10.26%	1.421%
32	9.979	671	673	674	rBV2	308245	430023	3.66%	0.507%
33	10.150	685	688	690	rBV	2113157	2112948	18.01%	2.493%
34	10.391	708	709	711	rBV	171474	153731	1.31%	0.181%

LSC Area Percent Report

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Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

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-BF031516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.493	716	718	720	rVV	2995371	2882847	24.57%	3.401%
36	10.596	726	727	729	rVV	167929	173288	1.48%	0.204%
37	10.642	729	731	733	rVV	409626	454814	3.88%	0.537%
38	10.711	735	737	740	rVV2	465982	955400	8.14%	1.127%
39	11.031	762	765	769	rVB2	251588	376428	3.21%	0.444%
40	11.316	788	790	793	rVB	398718	506442	4.32%	0.598%
41	11.453	797	802	804	rBV2	4061625	6828187	58.19%	8.057%
42	11.511	804	807	808	rVV	2133667	2767852	23.59%	3.266%
43	11.659	816	820	822	rBV2	862083	1135325	9.68%	1.340%
44	11.716	822	825	828	rVV2	149490	308361	2.63%	0.364%
45	11.922	840	843	845	rBV	385807	594699	5.07%	0.702%
46	11.956	845	846	848	rVV	654388	479875	4.09%	0.566%
47	12.002	848	850	851	rVV	329746	306063	2.61%	0.361%
48	12.036	851	853	857	rVV2	888087	1268295	10.81%	1.496%
49	12.128	860	861	864	rVV	115706	142458	1.21%	0.168%
50	12.219	868	869	873	rVB	380668	323409	2.76%	0.382%
51	12.471	888	891	893	rBV2	118495	169582	1.45%	0.200%
52	12.516	893	895	898	rVV3	86994	176812	1.51%	0.209%
53	12.642	903	906	908	rBV	3477381	3371747	28.74%	3.978%
54	12.734	912	914	916	rVV	798623	787364	6.71%	0.929%
55	12.802	916	920	922	rVB3	109268	269605	2.30%	0.318%
56	12.871	922	926	928	rBV2	2893650	3312283	28.23%	3.908%
57	12.916	928	930	933	rVB	171621	197988	1.69%	0.234%
58	12.985	933	936	937	rBV	273253	255211	2.18%	0.301%
59	13.019	937	939	942	rVB	241643	263425	2.25%	0.311%
60	13.088	942	945	946	rBV2	172646	325223	2.77%	0.384%
61	13.191	949	954	956	rBV	662883	865080	7.37%	1.021%
62	13.259	958	960	962	rVV	816058	769075	6.55%	0.907%
63	13.294	962	963	967	rVB	272256	319869	2.73%	0.377%
64	13.362	967	969	970	rBV	437966	443860	3.78%	0.524%
65	13.385	970	971	973	rVV	130169	192393	1.64%	0.227%
66	13.419	973	974	977	rVB2	156178	202352	1.72%	0.239%
67	13.614	986	991	992	rBV4	67959	175826	1.50%	0.207%
68	13.808	1006	1008	1009	rVV	152835	186340	1.59%	0.220%
69	13.842	1009	1011	1012	rVV	238857	328804	2.80%	0.388%
70	13.865	1012	1013	1020	rVB3	204620	371118	3.16%	0.438%
71	13.979	1020	1023	1026	rBV2	77954	168751	1.44%	0.199%

LSC Area Percent Report

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Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

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-BF031516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.059	1027	1030	1031	rVV2	2037108	2883821	24.58%	3.403%
73	14.094	1031	1033	1036	rVV	1196495	1490411	12.70%	1.759%
74	14.162	1037	1039	1044	rVV4	68296	194355	1.66%	0.229%
75	14.254	1044	1047	1048	rVV	220495	326425	2.78%	0.385%
76	14.288	1048	1050	1052	rVV2	213039	328859	2.80%	0.388%
77	14.391	1056	1059	1060	rBV2	84634	154963	1.32%	0.183%
78	14.448	1062	1064	1066	rVV	301030	382158	3.26%	0.451%
79	14.540	1068	1072	1074	rVV2	234598	389119	3.32%	0.459%
80	14.597	1074	1077	1079	rVV3	308627	584884	4.98%	0.690%
81	14.757	1089	1091	1096	rVB3	91939	238125	2.03%	0.281%
82	15.100	1118	1121	1125	rBV	1117980	2580252	21.99%	3.044%
83	15.202	1128	1130	1132	rVV	342813	474678	4.05%	0.560%
84	15.305	1135	1139	1141	rBV2	93278	285455	2.43%	0.337%
85	15.385	1143	1146	1149	rVB	623759	975982	8.32%	1.152%
86	15.454	1149	1152	1154	rBV	1281881	1525130	13.00%	1.799%
87	15.511	1154	1157	1158	rVV	606862	750106	6.39%	0.885%
88	15.545	1158	1160	1163	rVB2	345507	513098	4.37%	0.605%
89	15.705	1170	1174	1179	rVB2	122791	452809	3.86%	0.534%
90	15.865	1186	1188	1191	rVB	116425	197579	1.68%	0.233%
91	16.060	1203	1205	1206	rBV	108287	156382	1.33%	0.185%
92	16.757	1262	1266	1267	rBV2	111775	241395	2.06%	0.285%
93	16.791	1267	1269	1271	rVV	115074	179658	1.53%	0.212%
94	16.940	1278	1282	1287	rBV2	477560	1035885	8.83%	1.222%
95	17.111	1292	1297	1300	rBV2	132525	322971	2.75%	0.381%
96	17.168	1300	1302	1308	rVB2	104453	248848	2.12%	0.294%
97	17.374	1316	1320	1329	rBV	355205	845180	7.20%	0.997%
98	17.523	1329	1333	1337	rVV3	79394	250441	2.13%	0.295%
99	17.603	1337	1340	1348	rVB	179711	463425	3.95%	0.547%
100	19.077	1468	1469	1471	rVV	358926	249003	2.12%	0.294%

Sum of corrected areas: 84753260

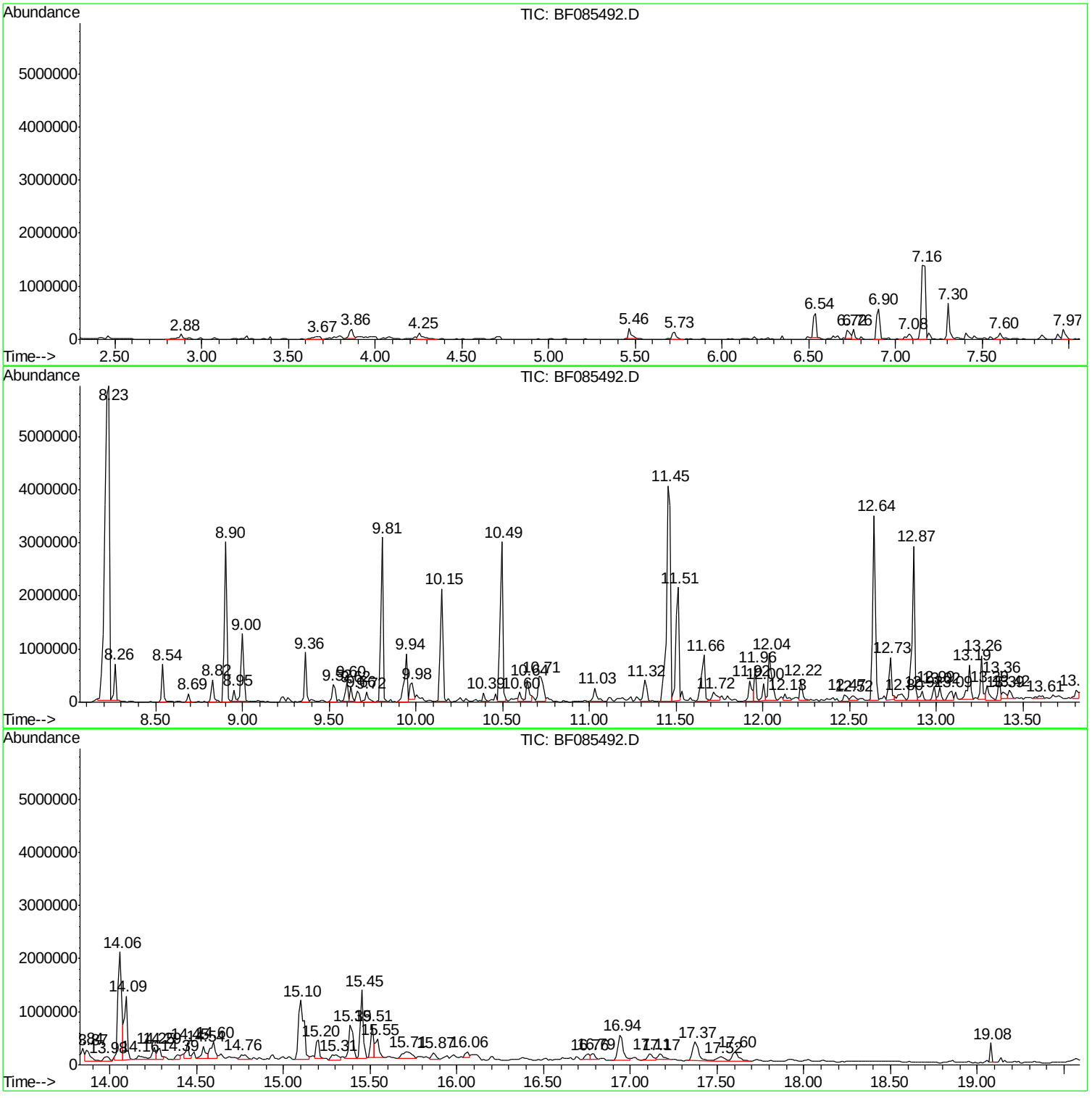
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.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\BF031616\
Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
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Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

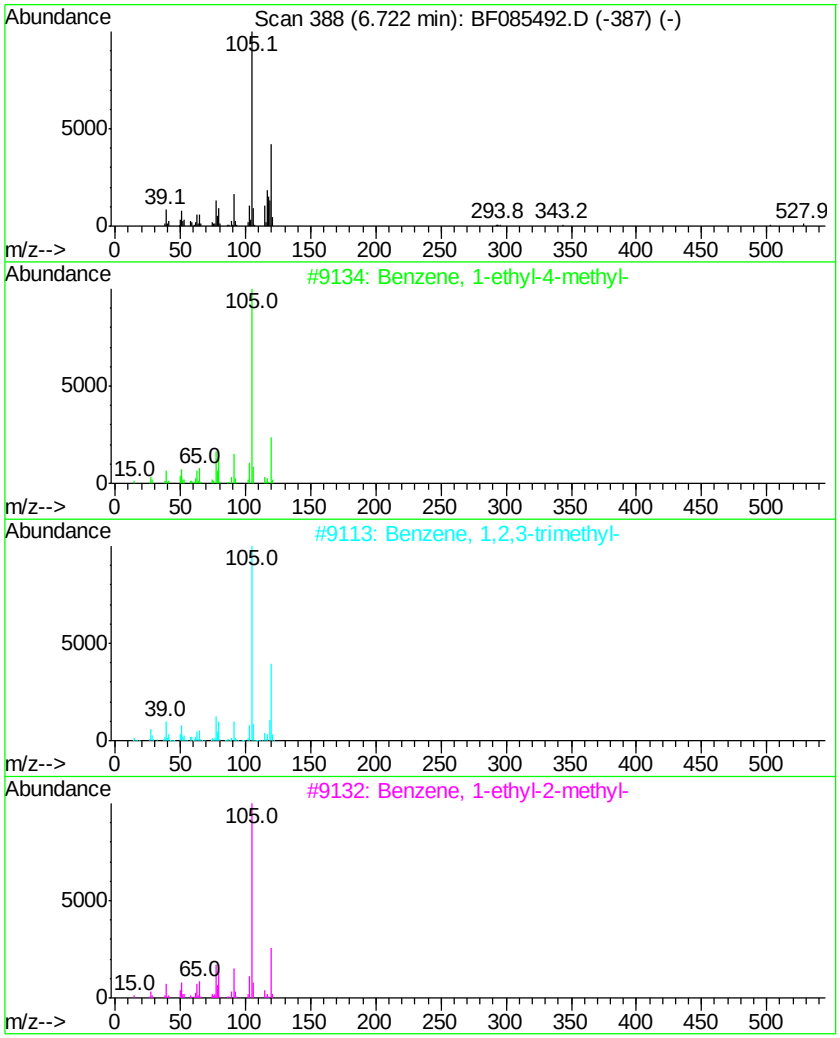
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

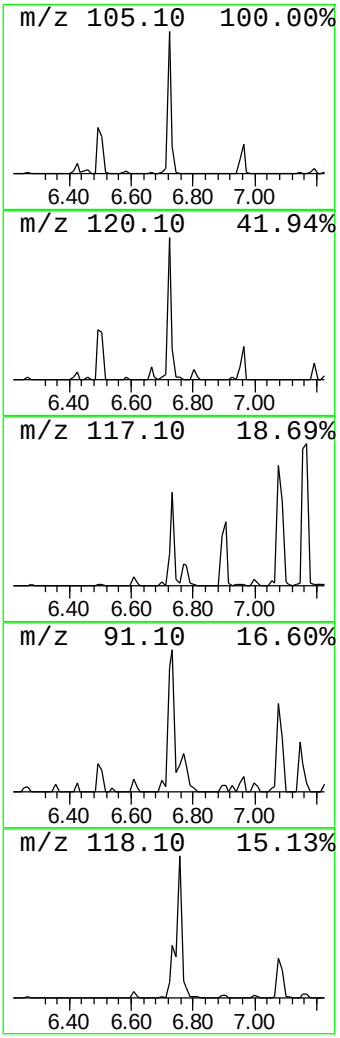
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	6.71 ng	245766	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

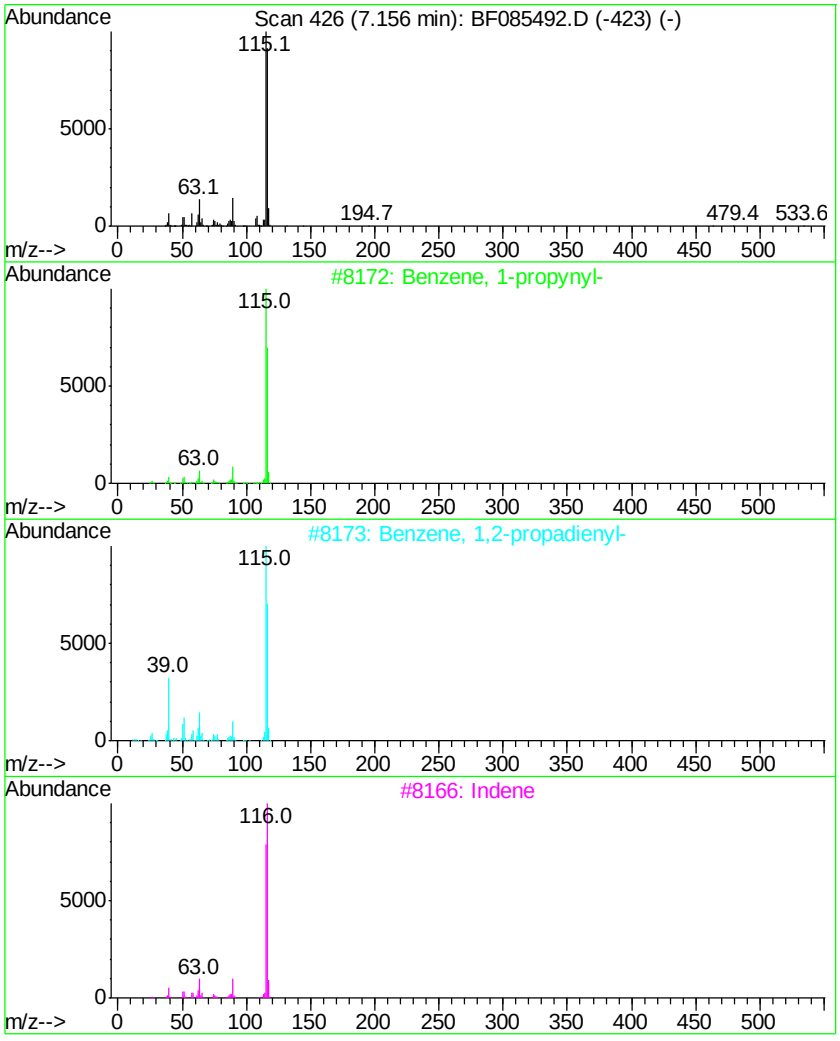
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

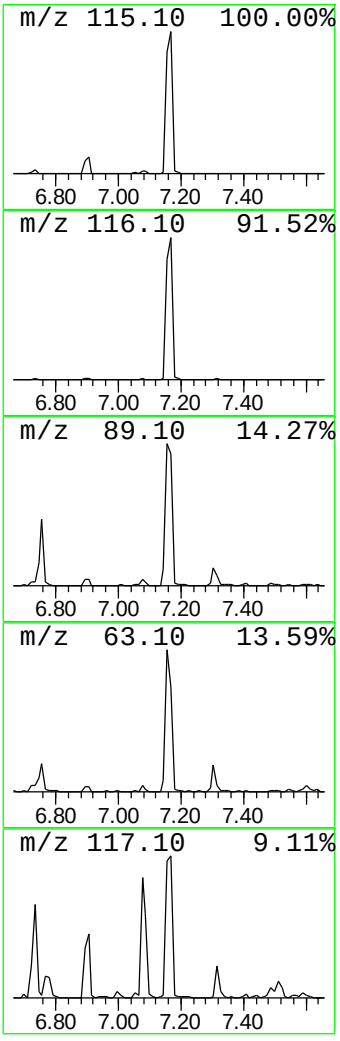
****

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	56.92 ng	2086070	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085492.D
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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

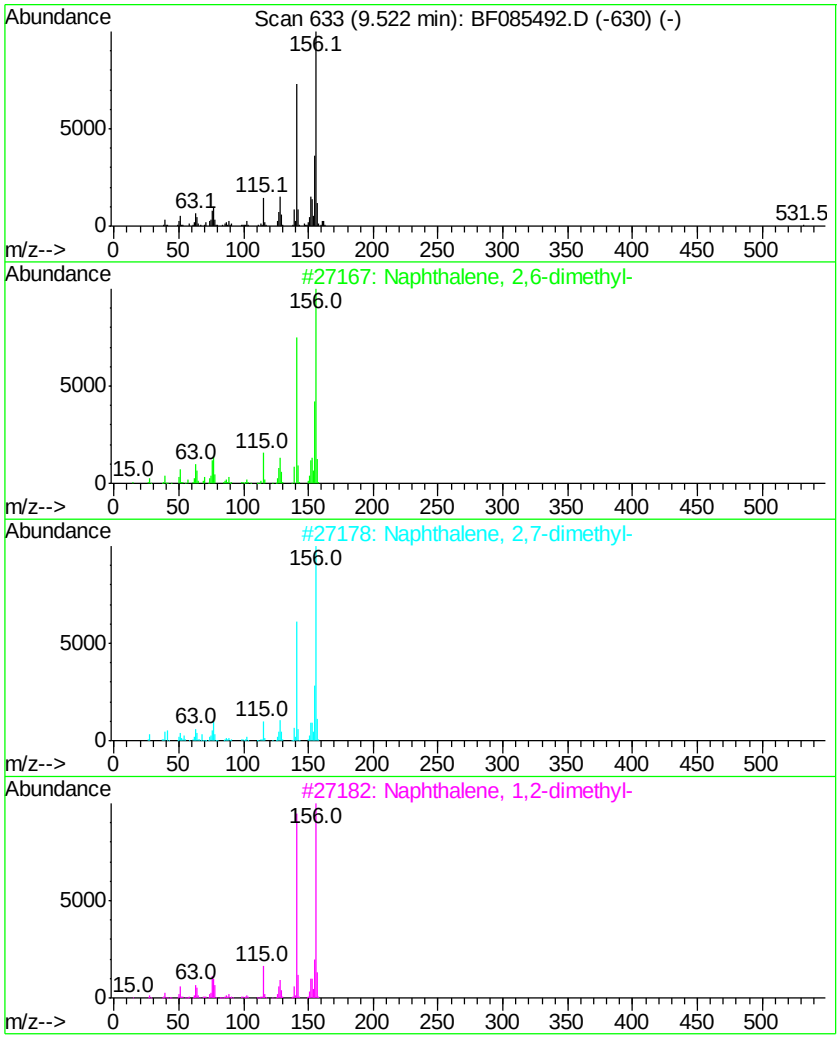
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

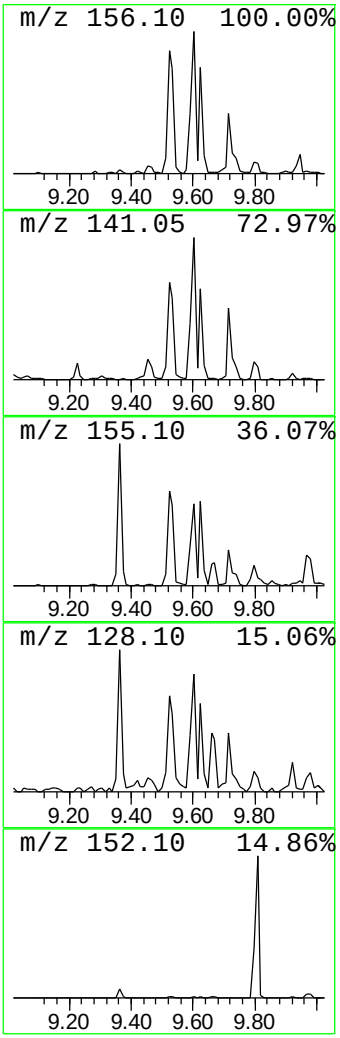
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	7.83 ng	471083	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

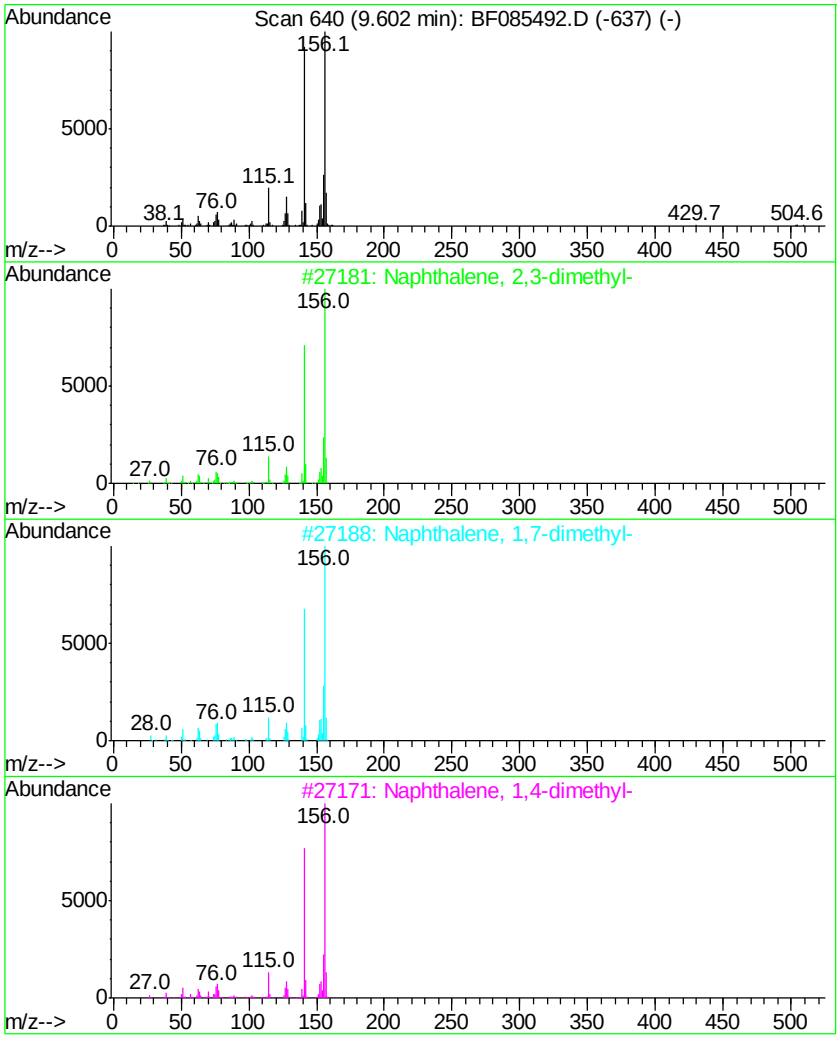
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

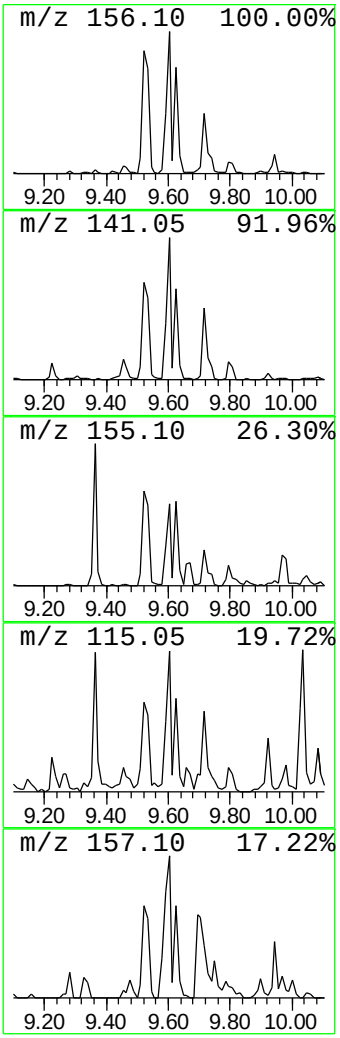
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	7.09 ng	426947	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

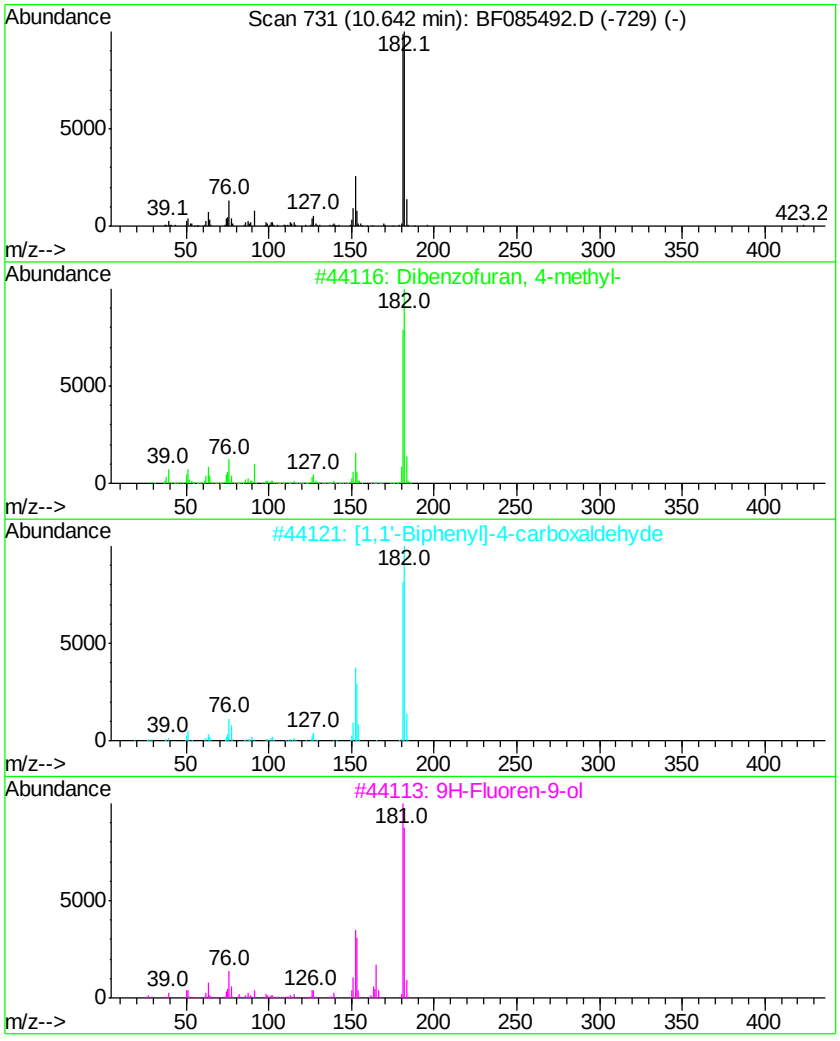
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

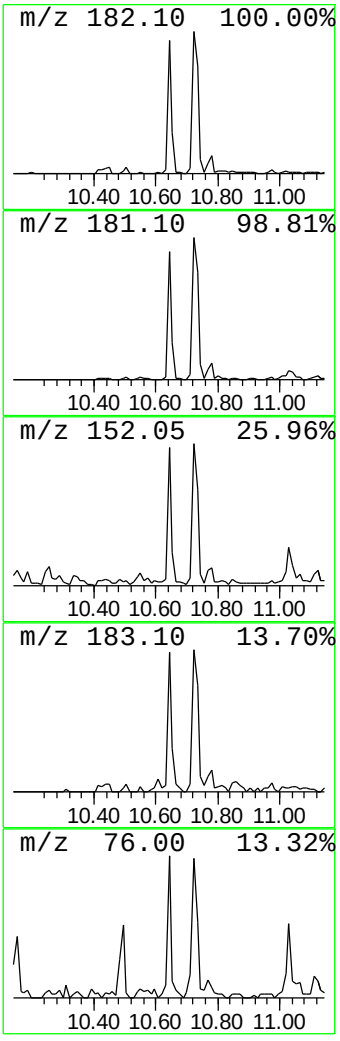
****

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	7.56 ng	454814	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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Data File : BF085492.D
Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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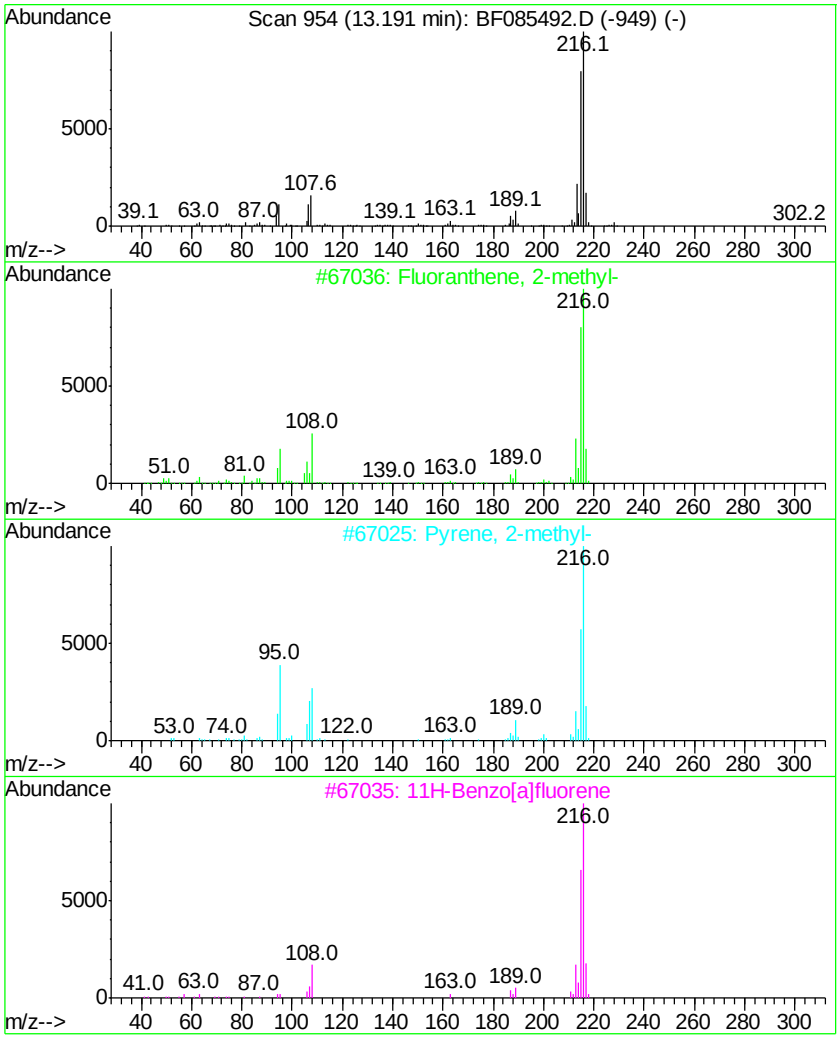
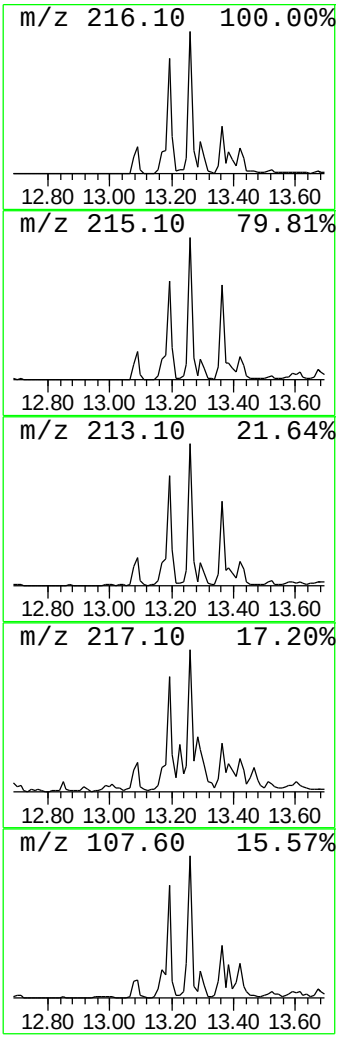
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.00 ng	865080	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Library Search Compound Report

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Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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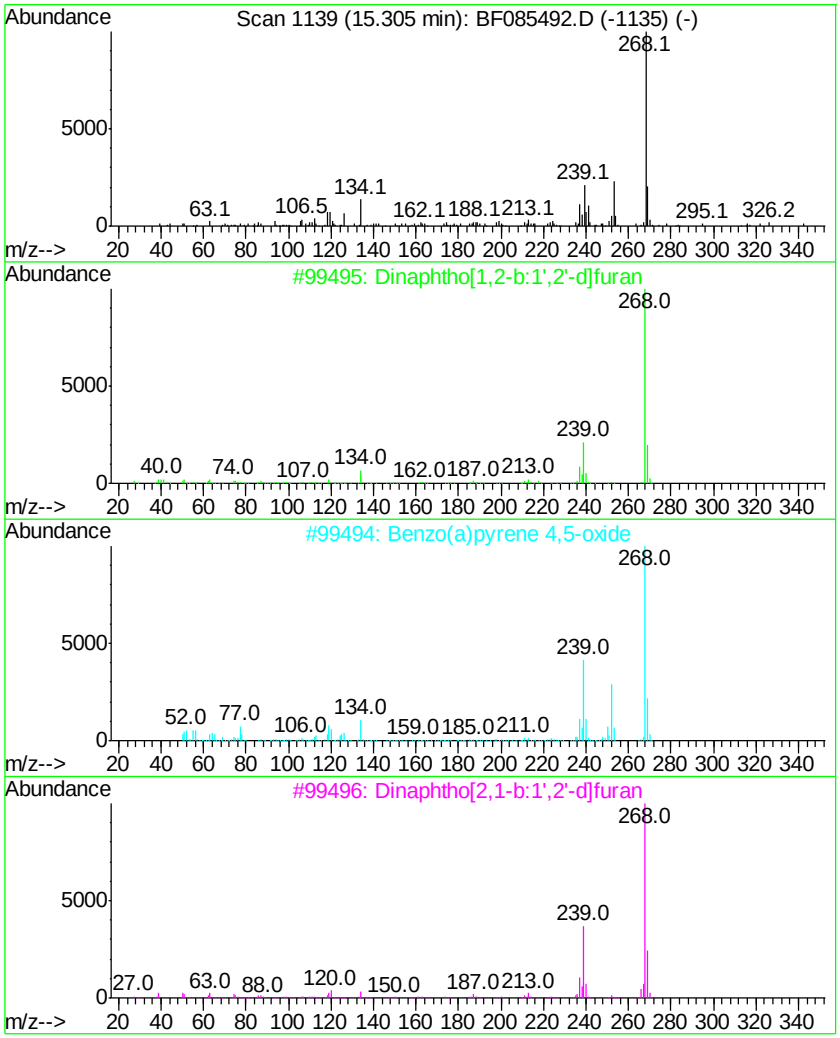
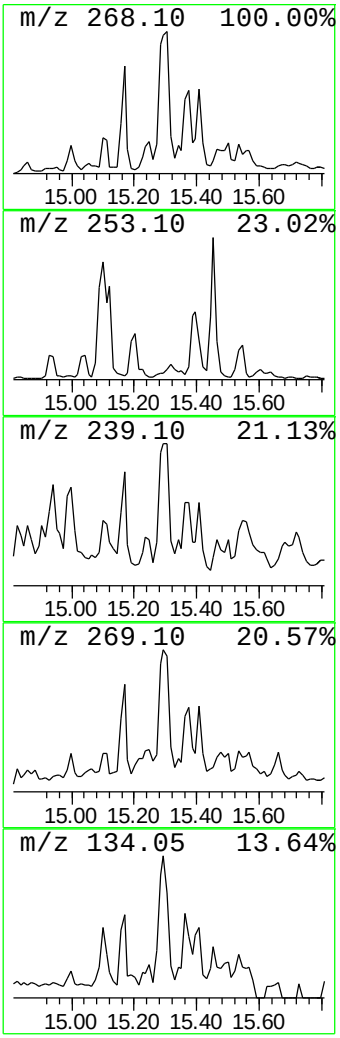
Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	7.61 ng	285455	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	59
5	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	59





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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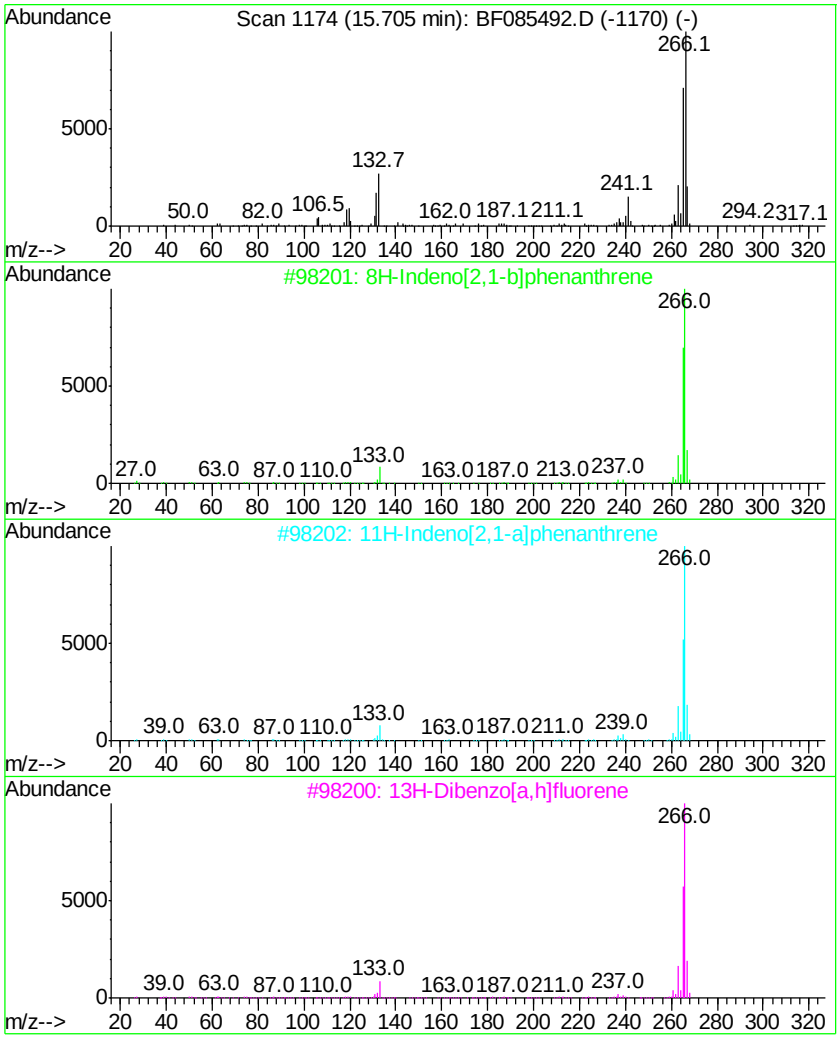
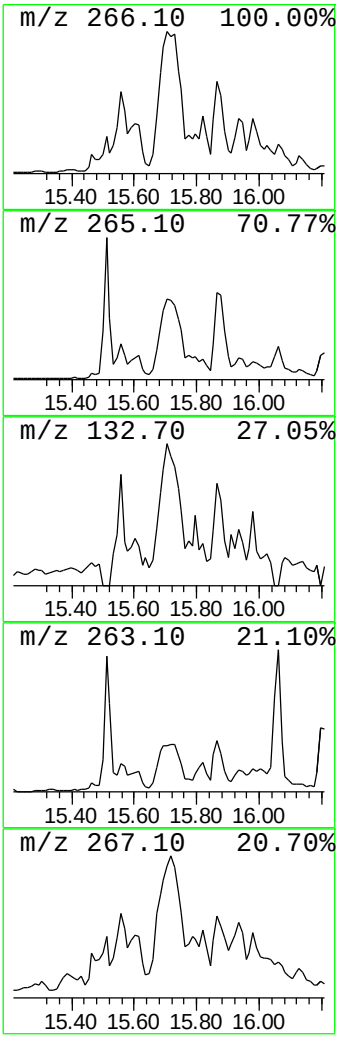
Peak Number 14 8H-Indeno[2,1-b]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	12.07 ng	452809	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	87
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	76
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
4	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	59
5	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	53





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Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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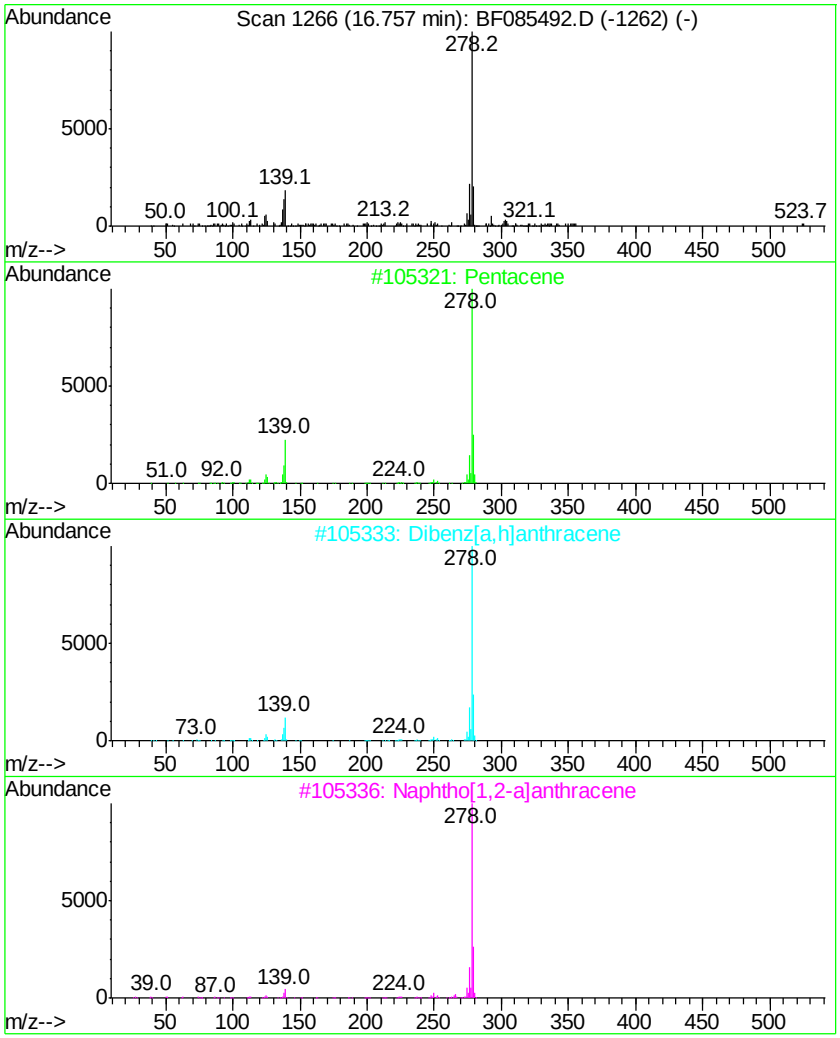
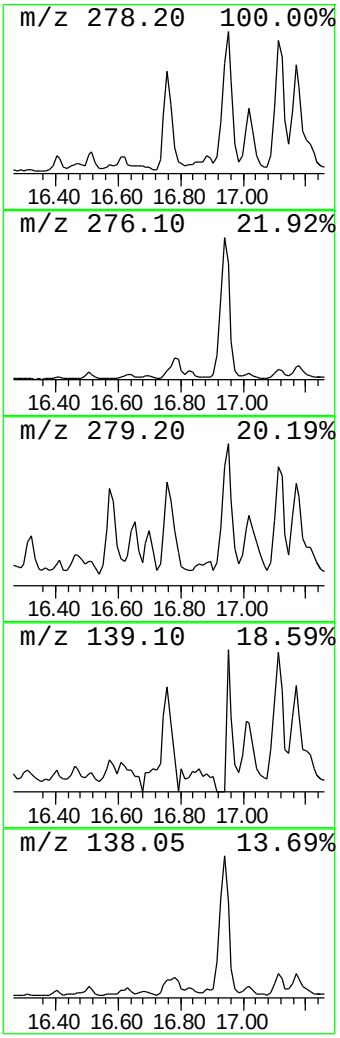
Peak Number 15 Pentacene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	6.44 ng	241395	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	93
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	89
5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	86





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Acq On : 17 Mar 2016 5:44
Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.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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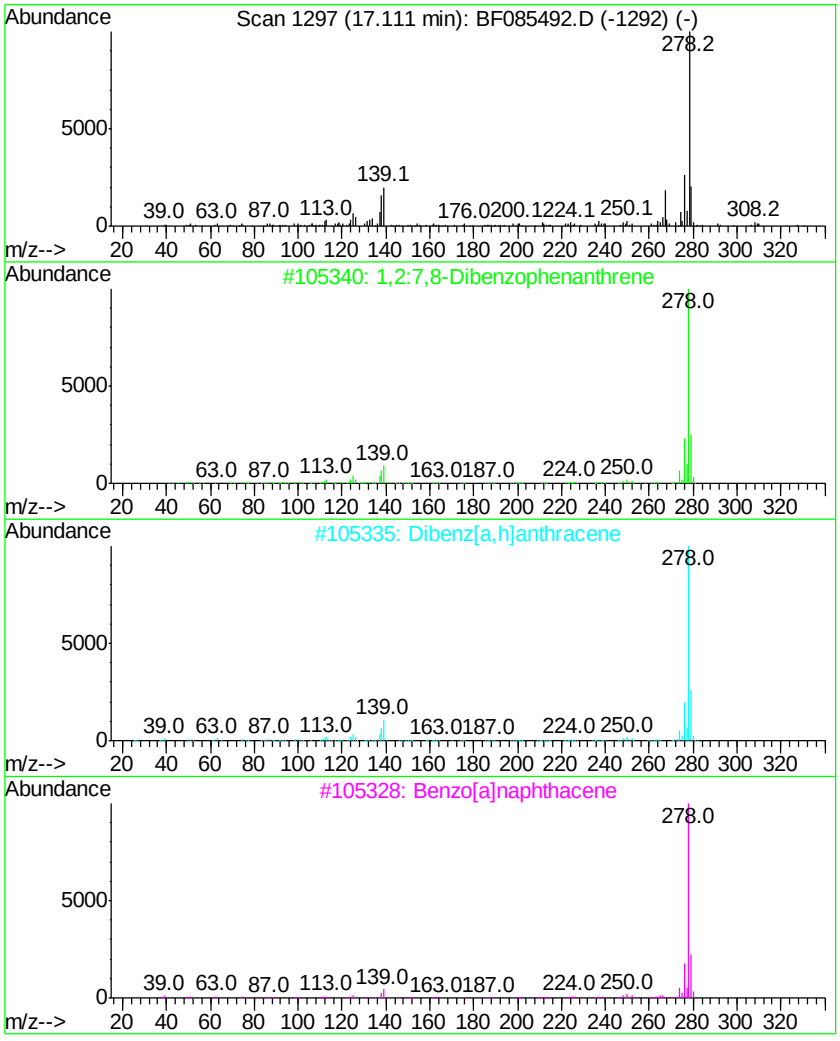
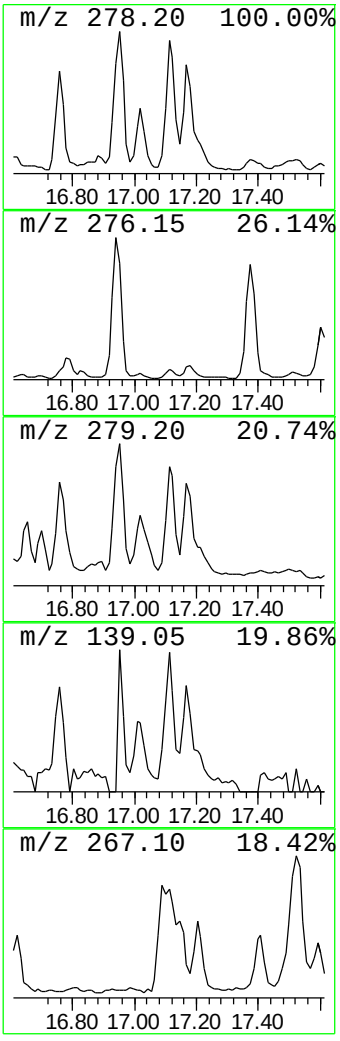
Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	8.61 ng	322971	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	97
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5	Benzo[b]chrysene	278	C22H14	000214-17-5	95





Library Search Compound Report

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Operator : UM/SJ
Sample : H1796-12 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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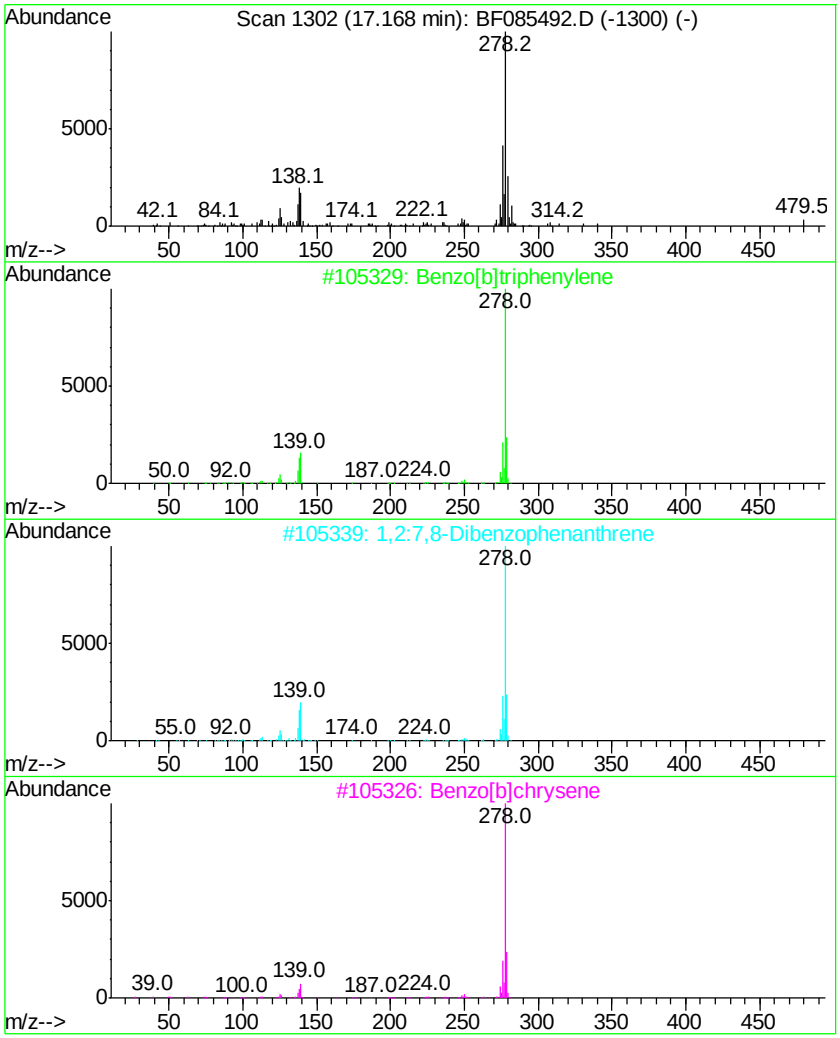
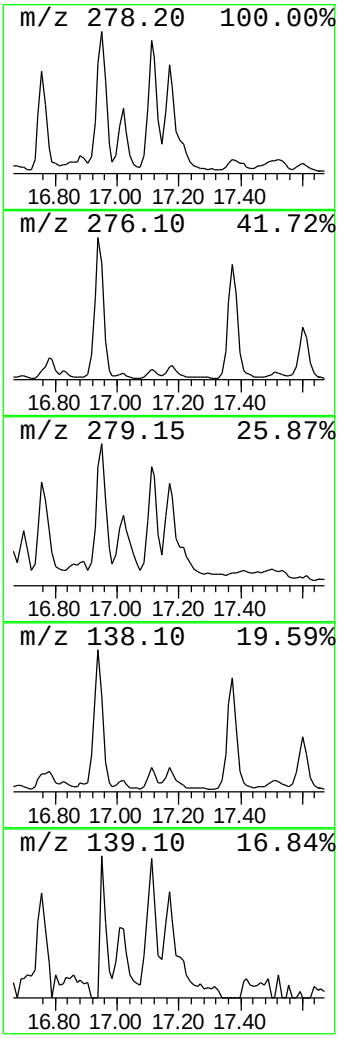
Peak Number 17 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	6.64 ng	248848	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	92
3	Benzo[b]chrysene	278	C22H14	000214-17-5	91
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
5	Pentaphene	278	C22H14	000222-93-5	78





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Misc :
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Instrument : BNA_F
ClientSampleId : AOU2-SB12(11-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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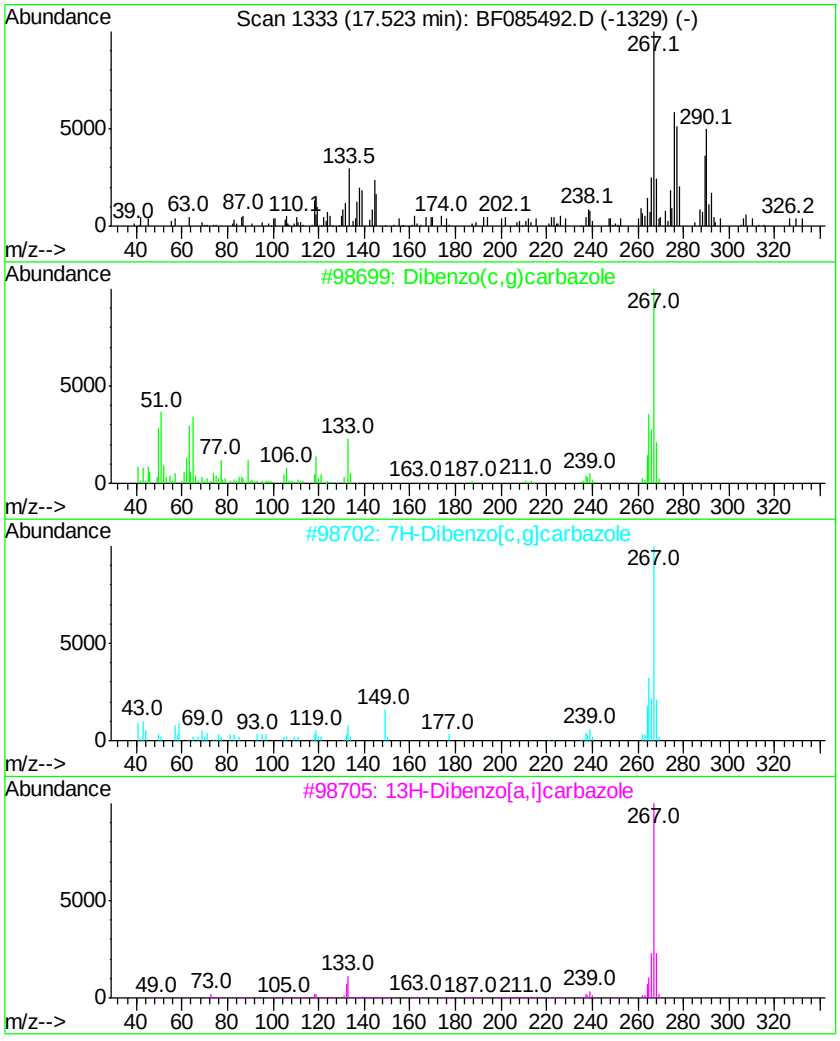
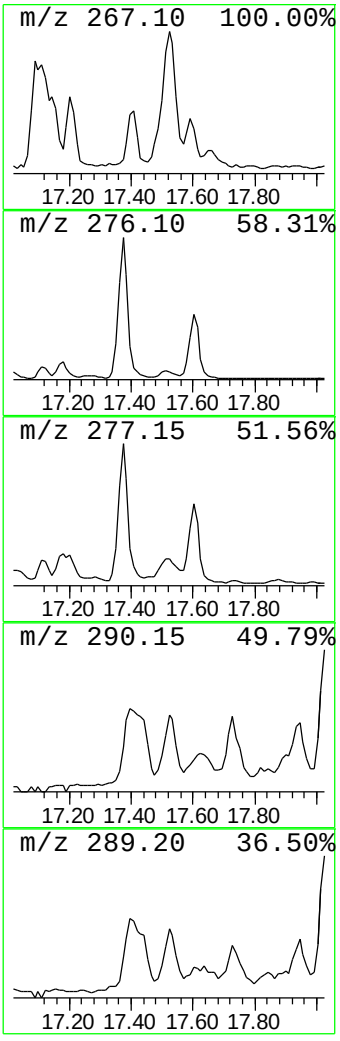
Peak Number 18 unknown17.52 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	6.68 ng	250441	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(c,g)carbazole	267	C20H13N	028641-62-5	42
2	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	42
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	38
4	Pyrrolidine, 1,5-dimethyl-3,3-di...	277	C20H23N	030223-73-5	35
5	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	30





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TIC Integration Parameters: LSCINT.P

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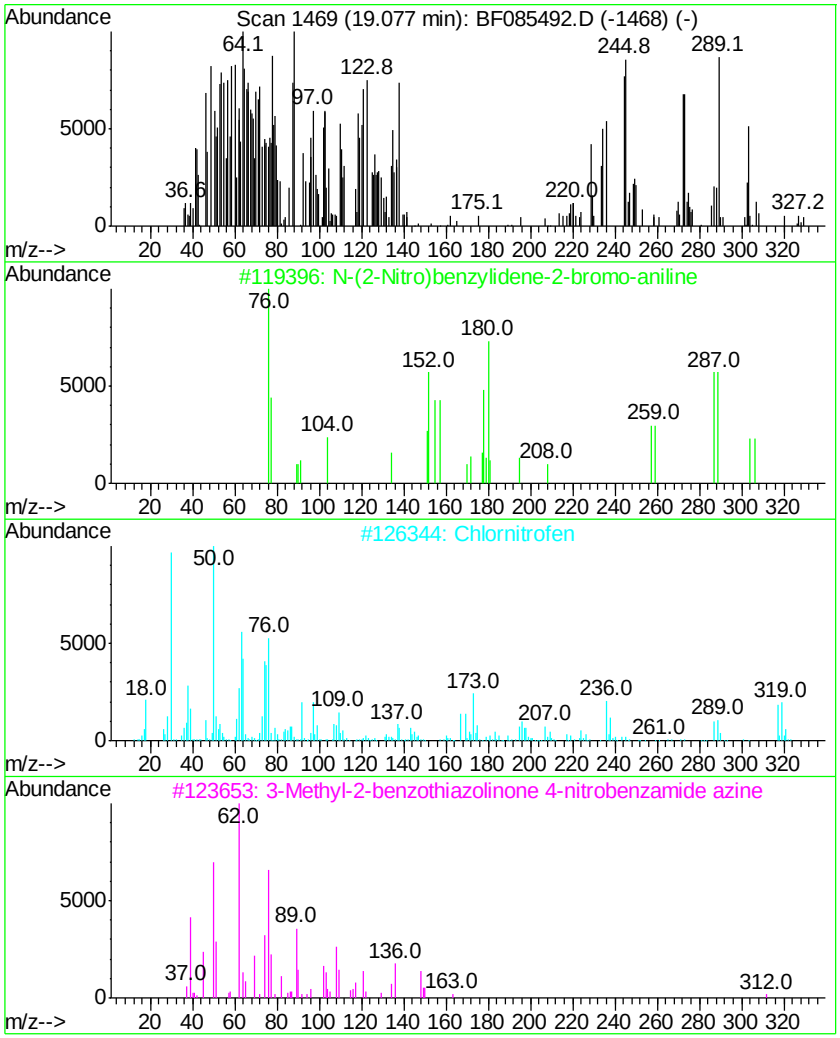
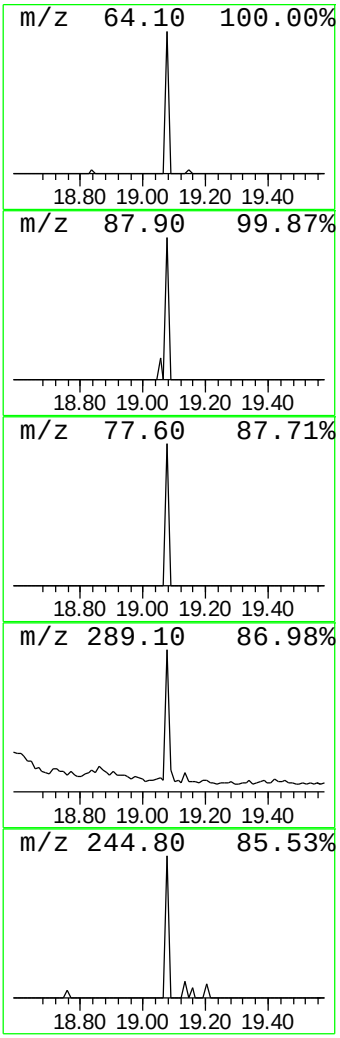
Peak Number 20 unknown19.08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	6.64 ng	249003	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Nitro)benzylidene-2-bromo-a...	304	C13H9BrN2O2	017064-87-8	35
2	Chlornitrofen	317	C12H6Cl3NO3	001836-77-7	25
3	3-Methyl-2-benzothiazolinone 4-n...	312	C15H12N4O2S	019205-05-1	22
4	2-Propyn-1-amine, N,N-di-2-propy...	131	C9H9N	006921-29-5	20
5	N-(2-Nitro)benzyliene-4-bromoani...	304	C13H9BrN2O2	017064-89-0	14





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	6.72	6.7	ng	245766	1	6.90	733021	20.0
Benzene, 1-propynyl-	7.16	56.9	ng	2086070	1	6.90	733021	20.0
Naphthalene, 2,6-...	9.52	7.8	ng	471083	3	9.94	1203940	20.0
Naphthalene, 2,3-...	9.60	7.1	ng	426947	3	9.94	1203940	20.0
Dibenzofuran, 4-m...	10.64	7.6	ng	454814	3	9.94	1203940	20.0
Fluoranthene, 2-m...	13.19	6.0	ng	865080	5	14.06	2883820	20.0
Dinaphtho[1,2-b:1...	15.31	7.6	ng	285455	6	15.51	750106	20.0
8H-Indeno[2,1-b]p...	15.71	12.1	ng	452809	6	15.51	750106	20.0
Pentacene	16.76	6.4	ng	241395	6	15.51	750106	20.0
1,2:7,8-Dibenzoph...	17.11	8.6	ng	322971	6	15.51	750106	20.0
Benzo[b]triphenylene	17.17	6.6	ng	248848	6	15.51	750106	20.0
unknown17.52	17.52	6.7	ng	250441	6	15.51	750106	20.0
unknown19.08	19.08	6.6	ng	249003	6	15.51	750106	20.0