LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.633	3	4	13	rVB	1021267	1724871	10.02%	0.805%
2	1.747	13	14	47	rVB	4053418	8868705	51.51%	4.141%
3	5.233	316	319	328	rBV	4074925	4634336	26.92%	2.164%
4	6.307	410	413	415	rVV	3708874	4896214	28.44%	2.286%
5	6.410	419	422	424	rVV	4524657	4680989	27.19%	2.186%
6	6.456	424	426	435	rVB	665315	828383	4.81%	0.387%
7	6.627	440	441	444	rBV	711067	996624	5.79%	0.465%
8	6.787	453	455	456	rBV	3050088	3171133	18.42%	1.481%
9	6.810	456	457	460	rVB	2842167	2886072	16.76%	1.348%
10	7.210	490	492	494	rVV	3121170	3238872	18.81%	1.512%
11	7.347	501	504	508	rBV	528355	789184	4.58%	0.368%
12	7.599	523	526	529	rVB	591123	746663	4.34%	0.349%
13	7.656	529	531	534	rBV2	702914	1131704	6.57%	0.528%
14	7.702	534	535	538	rVB	337691	469041	2.72%	0.219%
15	7.965	552	558	559	rVV	8954159	17216036	100.00%	8.038%
16	7.999	559	561	567	rVB	1331522	1391828	8.08%	0.650%
17	8.639	614	617	619	rBV	3761655	3618212	21.02%	1.689%
18	8.742	623	626	627	rVB	3025655	4155356	24.14%	1.940%
19	9.005	646	649	651	rBV	3504629	3548001	20.61%	1.657%
20	9.096	654	657	659	rBV	428584	468084	2.72%	0.219%
21	9.188	662	665	668	rVB	744851	1280949	7.44%	0.598%
22	9.256	668	671	674	rBV	1479996	2345119	13.62%	1.095%
23	9.336	676	678	679	rBV	2379816	2401018	13.95%	1.121%
24	9.359	679	680	682	rVV	1310883	1146358	6.66%	0.535%
25	9.405	682	684	686	rVV	496872	480237	2.79%	0.224%
26	9.451	686	688	692	rVB	1318231	1536019	8.92%	0.717%
27	9.531	693	695	698	rVB	1610859	1398535	8.12%	0.653%
28	9.668	704	707	709	rBV2	1165184	1926503	11.19%	0.899%
29	9.713	709	711	713	rVV	6589316	6937207	40.30%	3.239%
30	9.782	715	717	719	rVB	472504	672864	3.91%	0.314%
31	9.873	723	725	727	rVB	2481131	2957513	17.18%	1.381%
32	9.919	727	729	730	rBV	490421	519507	3.02%	0.243%
33	9.988	733	735	736	rBV2	627912	712149	4.14%	0.333%
34	10.022	736	738	741	rVB2	390927	486186	2.82%	0.227%

LSC Area Percent Report

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Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.079	741	743	745	rBV	477281	878228	5.10%	0.410%
36	10.125	745	747	748	rVB2	371466	449459	2.61%	0.210%
37	10.182	748	752	753	rBV3	306520	633969	3.68%	0.296%
38	10.216	753	755	758	rVB	3066287	4202966	24.41%	1.962%
39	10.285	758	761	764	rBV3	673819	2226283	12.93%	1.039%
40	10.331	764	765	768	rVV2	805181	1383370	8.04%	0.646%
41	10.376	768	769	773	rVB2	984245	853263	4.96%	0.398%
42	10.456	773	776	778	rBV3	2238471	3176331	18.45%	1.483%
43	10.582	786	787	791	rVB2	497377	667314	3.88%	0.312%
44	10.765	800	803	804	rBV	829823	1098595	6.38%	0.513%
45	10.845	808	810	812	rVV	535507	464731	2.70%	0.217%
46	10.914	812	816	819	rVV3	389743	837150	4.86%	0.391%
47	11.005	822	824	826	rBV	434302	503861	2.93%	0.235%
48	11.039	826	827	832	rVB	966004	1603278	9.31%	0.749%
49	11.188	835	840	842	rBV	6908399	12684461	73.68%	5.922%
50	11.234	842	844	846	rVV	3946350	3719154	21.60%	1.737%
51	11.394	855	858	861	rBV	958419	1434685	8.33%	0.670%
52	11.656	878	881	882	rBV	1592561	1977006	11.48%	0.923%
53	11.679	882	883	886	rVV	1997823	1950449	11.33%	0.911%
54	11.725	886	887	889	rVV	969922	1199765	6.97%	0.560%
55	11.771	889	891	895	rVB2	2434641	4434118	25.76%	2.070%
56	11.839	895	897	900	rBV3	229569	459893	2.67%	0.215%
57	11.942	903	906	910	rVV	862408	1368137	7.95%	0.639%
58	12.091	917	919	921	rBV	738696	741256	4.31%	0.346%
59	12.205	926	929	930	rBV	1018114	1282025	7.45%	0.599%
60	12.239	930	932	935	rVV2	810111	1327056	7.71%	0.620%
61	12.297	935	937	940	rVV	466179	663466	3.85%	0.310%
62	12.377	940	944	945	rVV	6368327	8401928	48.80%	3.923%
63	12.399	945	946	949	rVV2	661722	1059173	6.15%	0.495%
64	12.457	949	951	953	rVV	1274429	1240382	7.20%	0.579%
65	12.502	953	955	957	rVV	301568	512292	2.98%	0.239%
66	12.605	960	964	966	rVV2	5727129	9935616	57.71%	4.639%
67	12.639	966	967	971	rVB2	528023	573588	3.33%	0.268%
68	12.708	971	973	974	rBV	620429	705677	4.10%	0.329%
69	12.731	974	975	979	rVB	1817921	2528095	14.68%	1.180%
70	12.811	979	982	984	rBV2	778829	1231037	7.15%	0.575%
71	12.914	987	991	993	rVB	1564339	2884404	16.75%	1.347%

LSC Area Percent Report

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Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.982	993	997	999	rBV	1837310	2238344	13.00%	1.045%
73	13.017	999	1000	1004	rVV	1126669	1362263	7.91%	0.636%
74	13.108	1006	1008	1010	rVV	749110	1103517	6.41%	0.515%
75	13.142	1010	1011	1015	rVB2	859395	906115	5.26%	0.423%
76	13.337	1020	1028	1031	rBV2	402289	1313719	7.63%	0.613%
77	13.394	1031	1033	1035	rBV	342156	522359	3.03%	0.244%
78	13.531	1042	1045	1046	rBV	501269	685066	3.98%	0.320%
79	13.554	1046	1047	1053	rVV4	765738	1499677	8.71%	0.700%
80	13.782	1063	1067	1068	rBV	3417597	5594476	32.50%	2.612%
81	13.817	1068	1070	1072	rVV	3088468	3535521	20.54%	1.651%
82	13.885	1074	1076	1079	rVV	855760	874080	5.08%	0.408%
83	14.137	1096	1098	1099	rBV	229837	464216	2.70%	0.217%
84	14.171	1099	1101	1102	rVV	879456	1030841	5.99%	0.481%
85	14.194	1102	1103	1105	rVV	325710	511007	2.97%	0.239%
86	14.262	1107	1109	1110	rVV2	540609	658584	3.83%	0.307%
87	14.308	1112	1113	1115	rVB2	533071	473835	2.75%	0.221%
88	14.491	1125	1129	1132	rBV2	179777	477608	2.77%	0.223%
89	14.788	1151	1155	1159	rBV	1871722	4217568	24.50%	1.969%
90	14.868	1161	1162	1164	rVB	610993	628108	3.65%	0.293%
91	15.040	1175	1177	1180	rVB	1196148	1543236	8.96%	0.721%
92	15.097	1180	1182	1184	rVV	1901558	2596250	15.08%	1.212%
93	15.143	1184	1186	1188	rVV	369896	691159	4.01%	0.323%
94	15.177	1188	1189	1192	rVB2	542808	533223	3.10%	0.249%
95	15.325	1198	1202	1206	rBV2	181790	613955	3.57%	0.287%
96	15.737	1236	1238	1247	rVB4	262531	696872	4.05%	0.325%
97	15.908	1250	1253	1257	rVB2	262921	446710	2.59%	0.209%
98	16.411	1293	1297	1300	rVB	856864	1493425	8.67%	0.697%
99	16.788	1326	1330	1335	rVV	619550	1233694	7.17%	0.576%
100	16.983	1344	1347	1355	rVB	274409	676540	3.93%	0.316%

Sum of corrected areas: 214174901

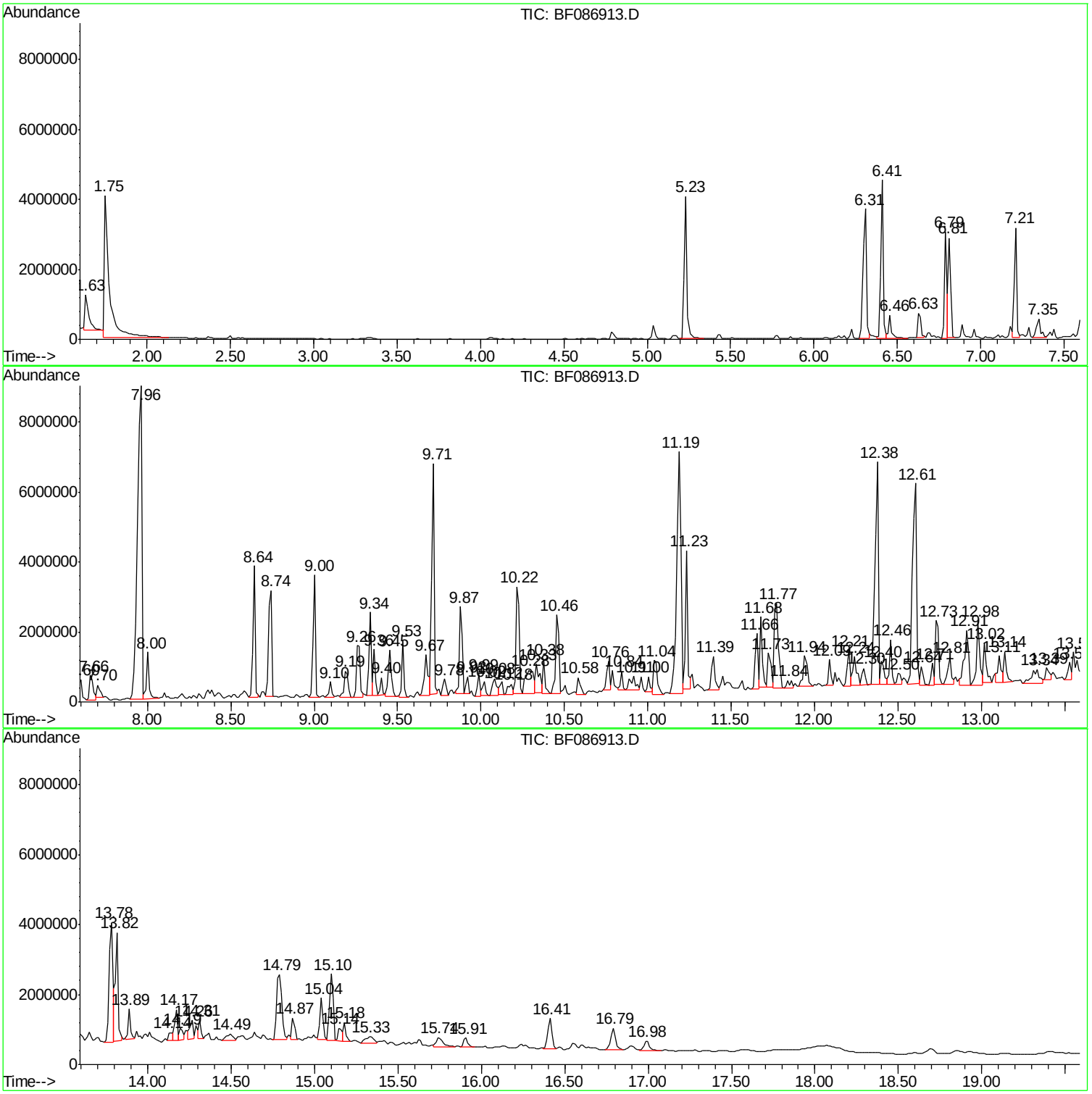
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
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Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

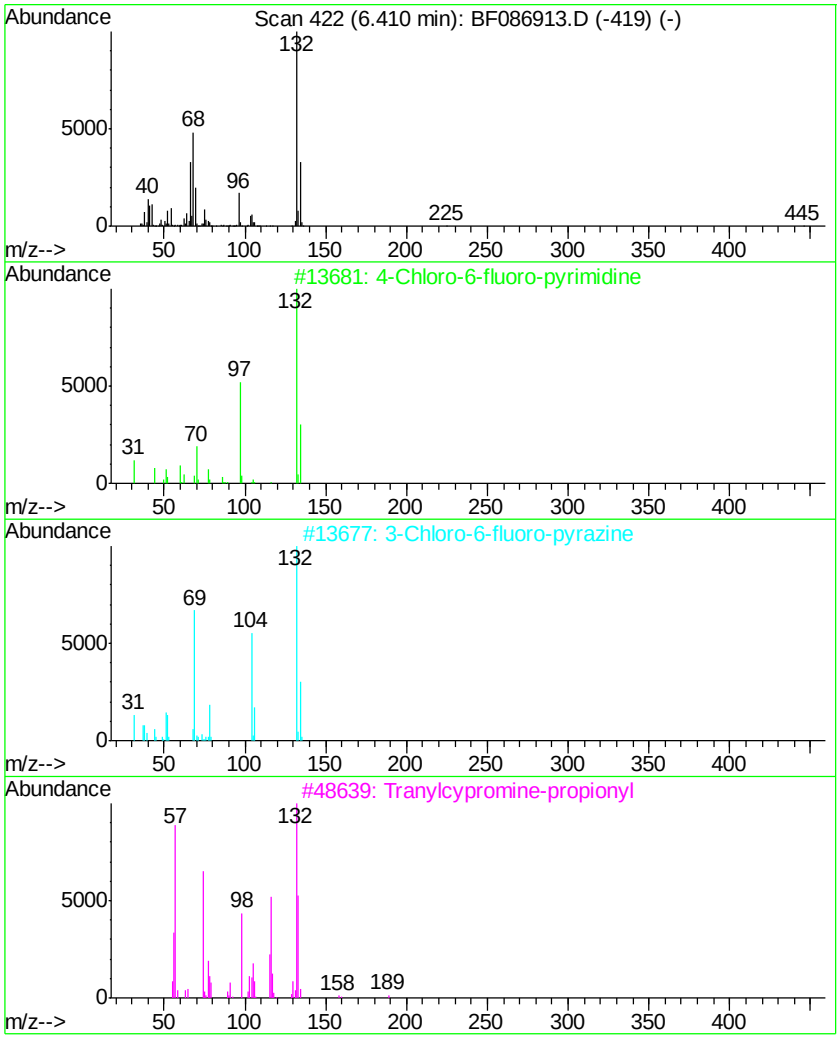
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

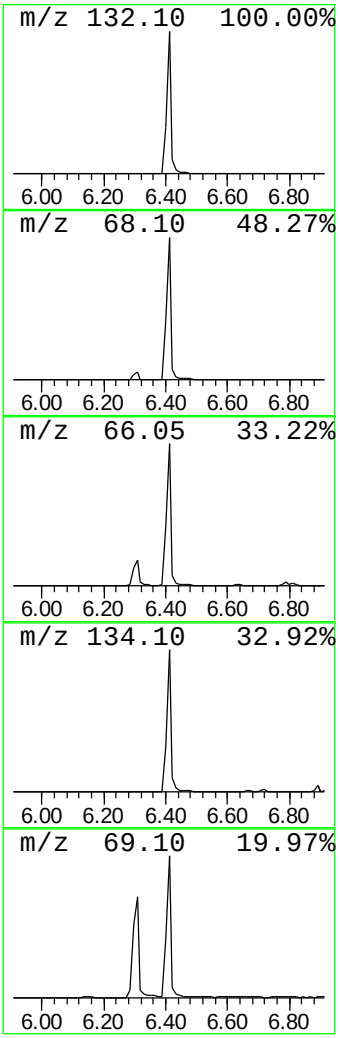
****

Peak Number 3 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	93.94 ng	4680990	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

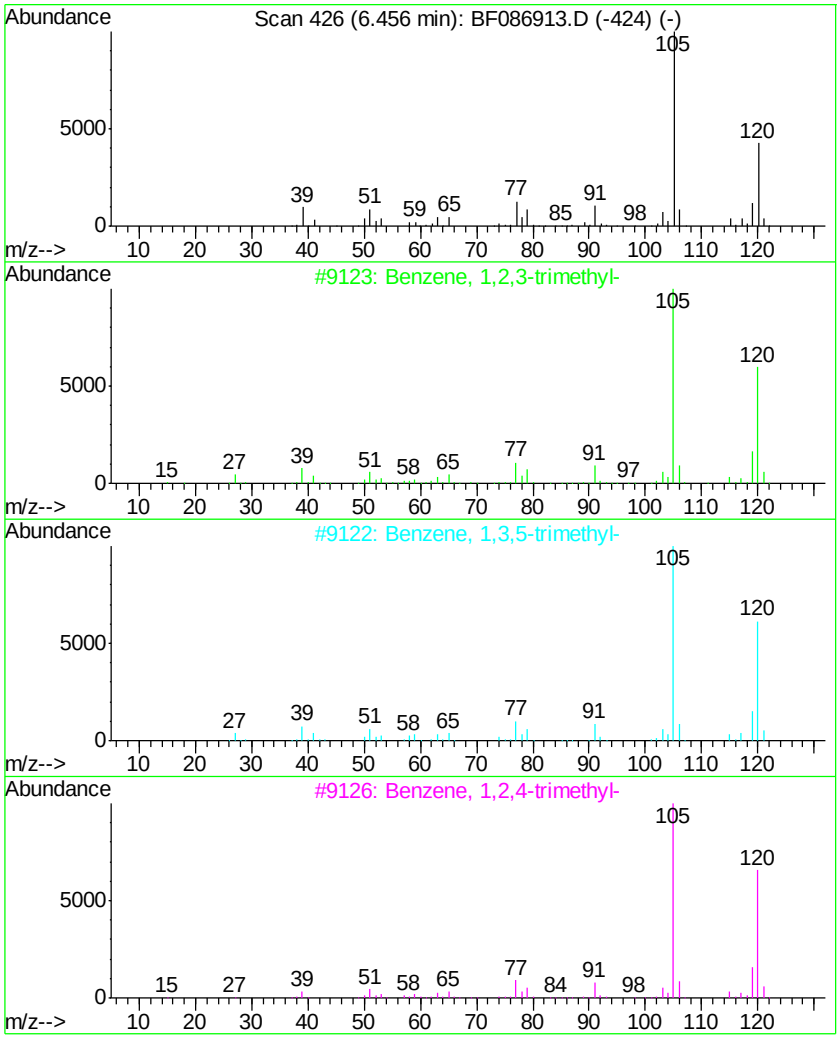
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

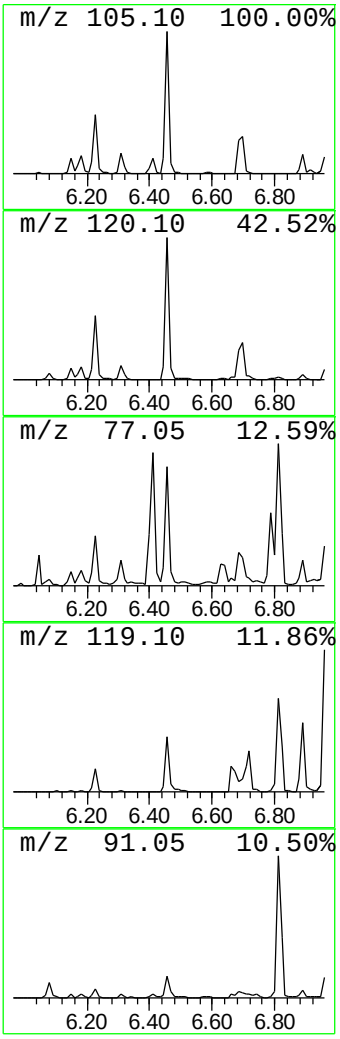
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	16.62 ng	828383	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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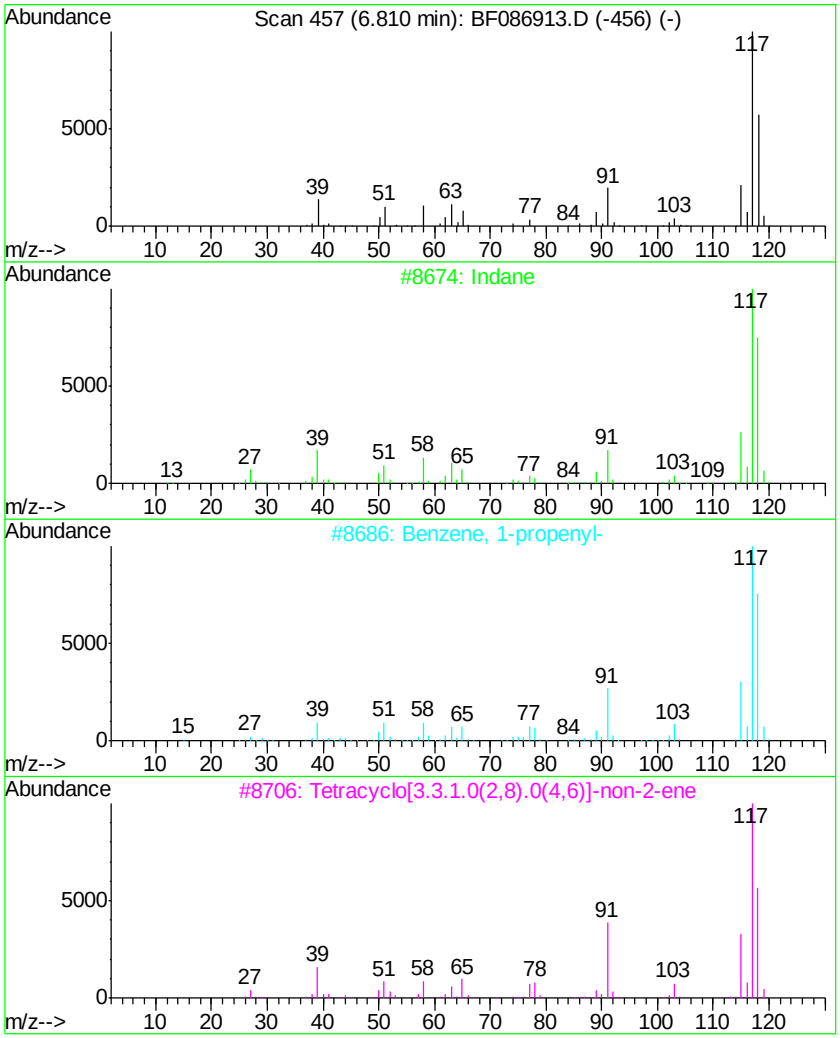
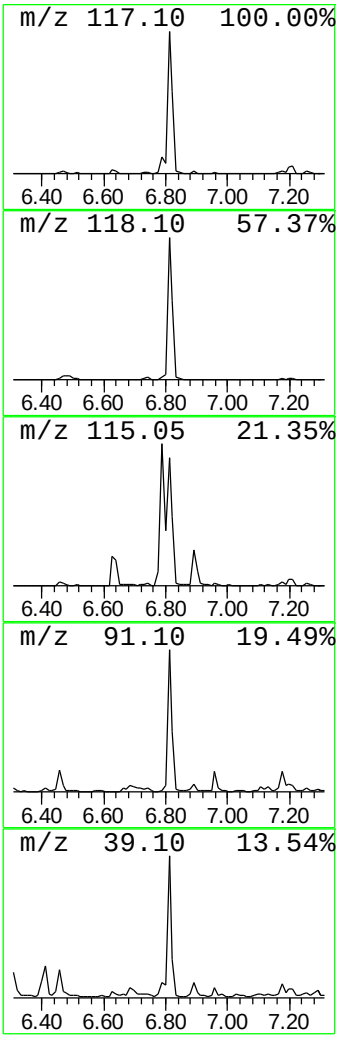
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	57.92 ng	2886070	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	55





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

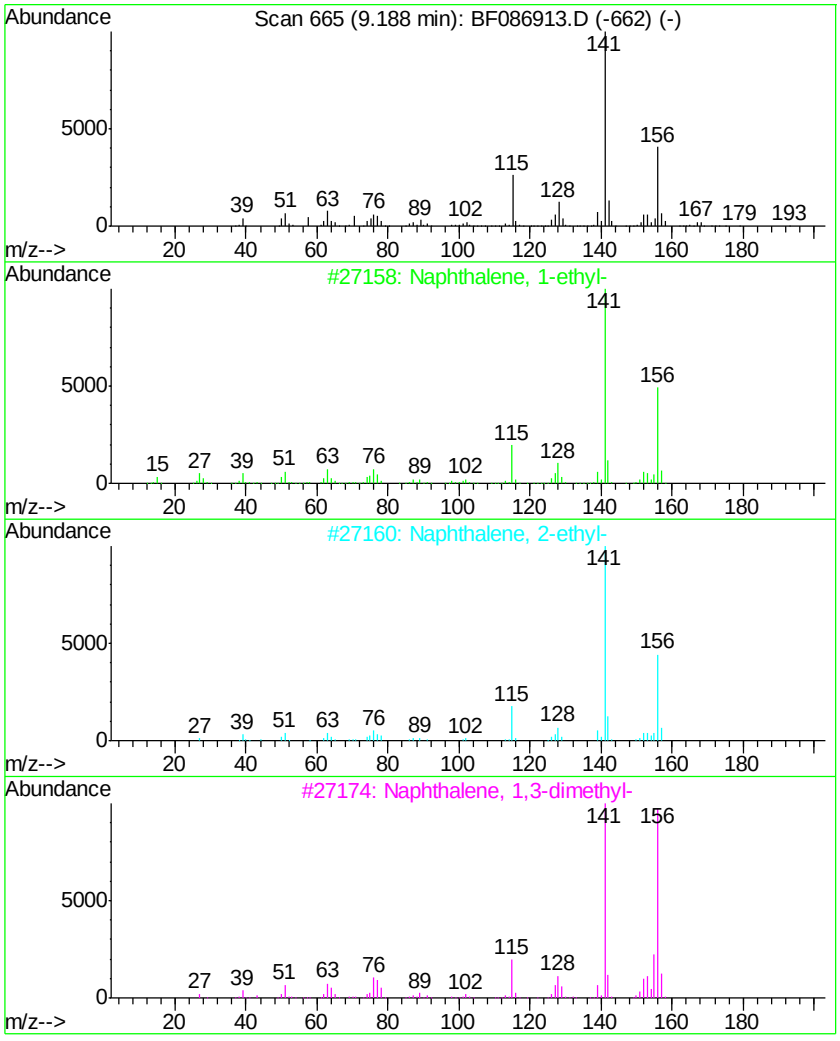
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

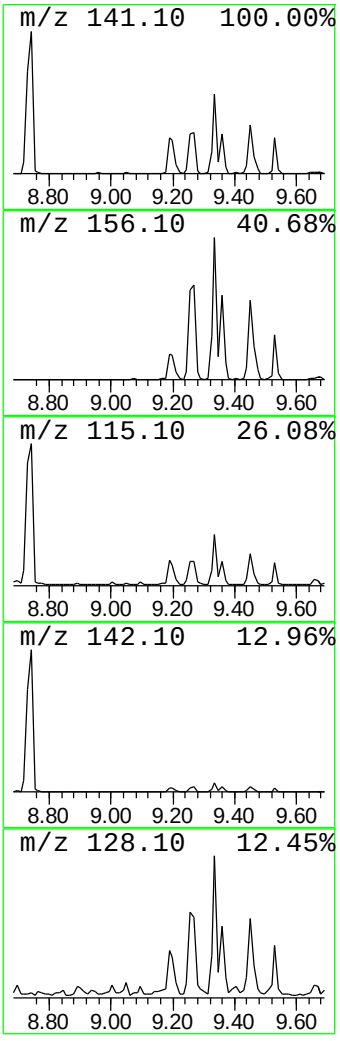
****

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	13.30 ng	1280950	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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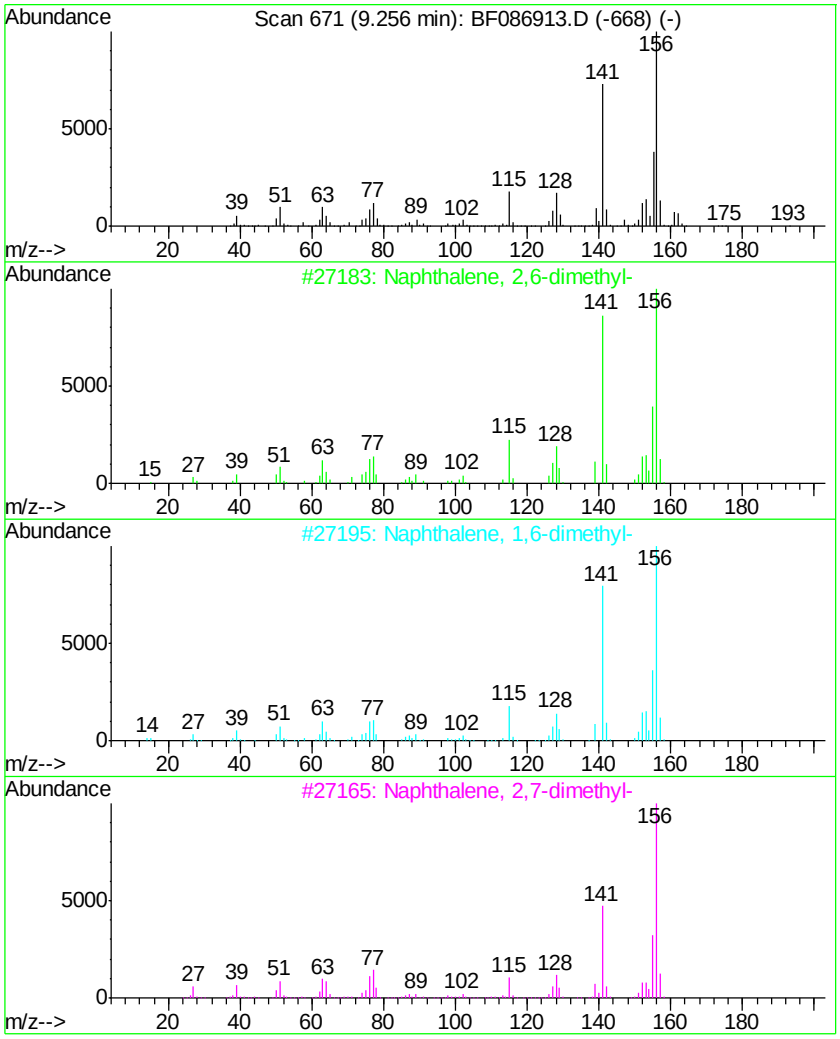
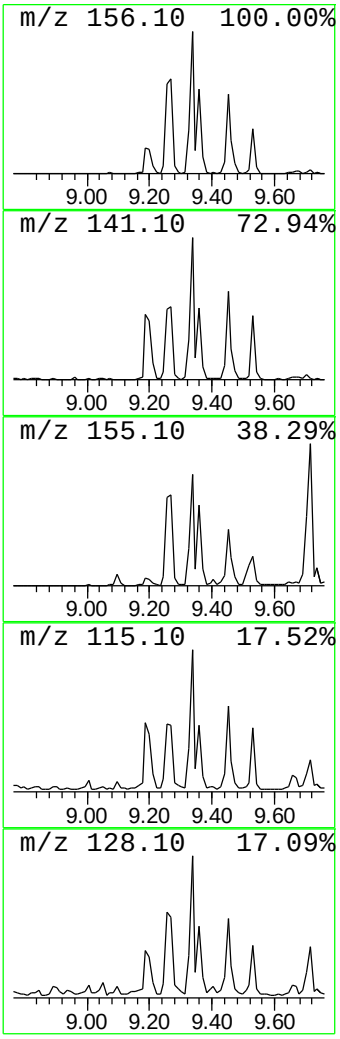
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	24.35 ng	2345120	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

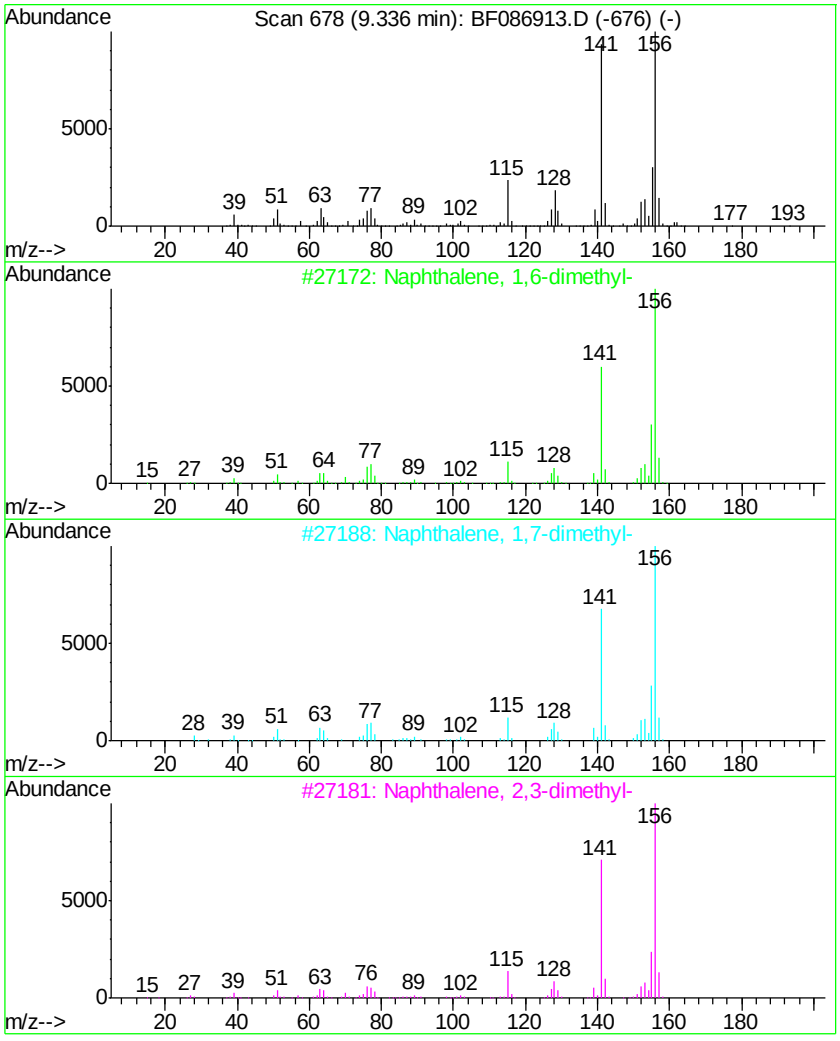
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

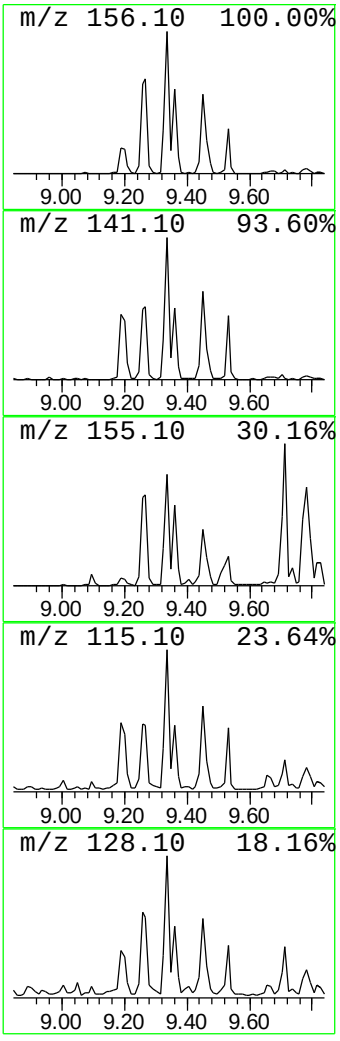
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	24.93 ng	2401020	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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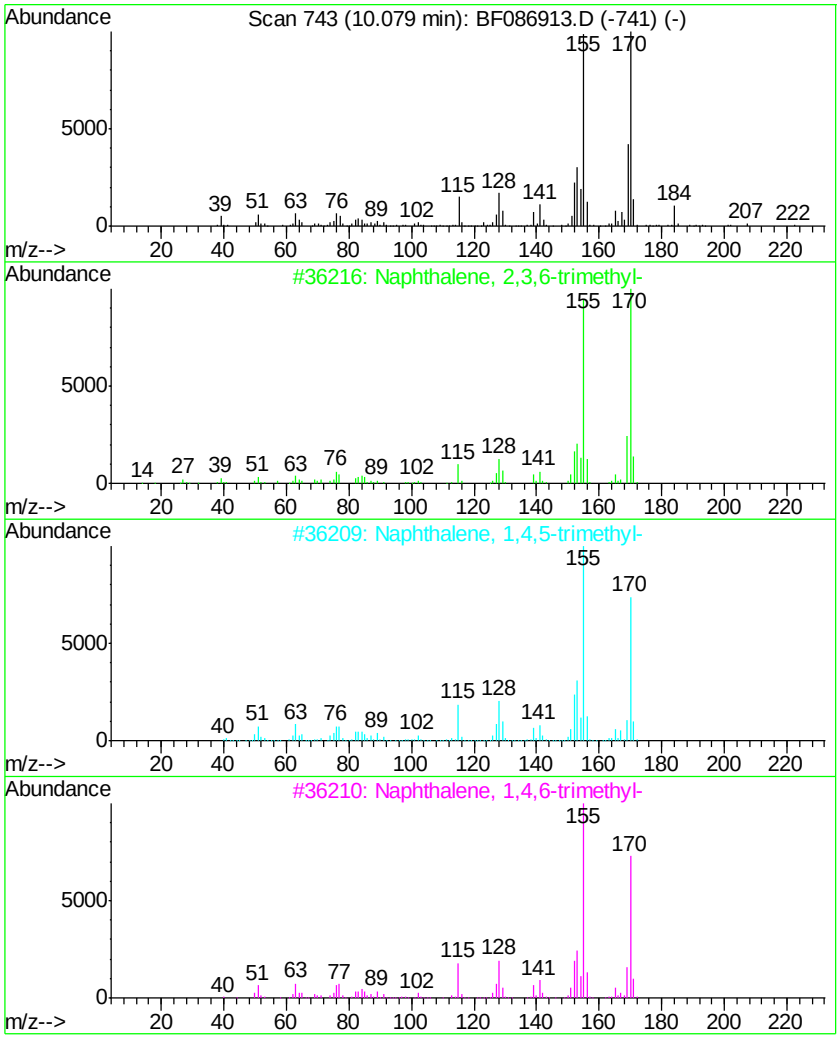
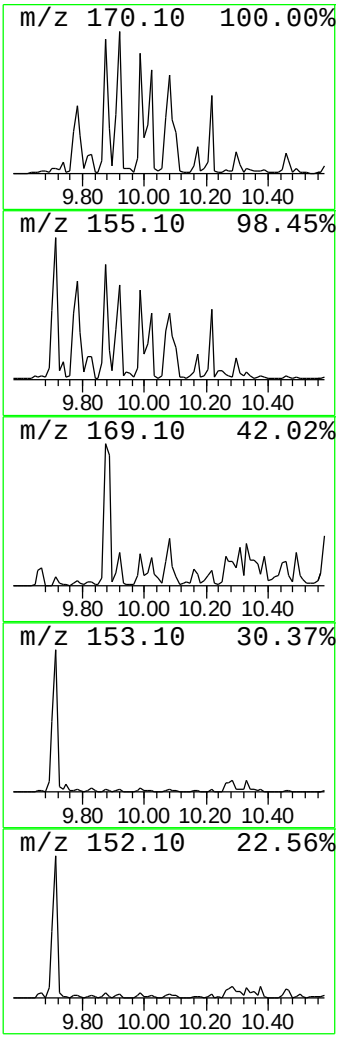
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	9.12 ng	878228	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91





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Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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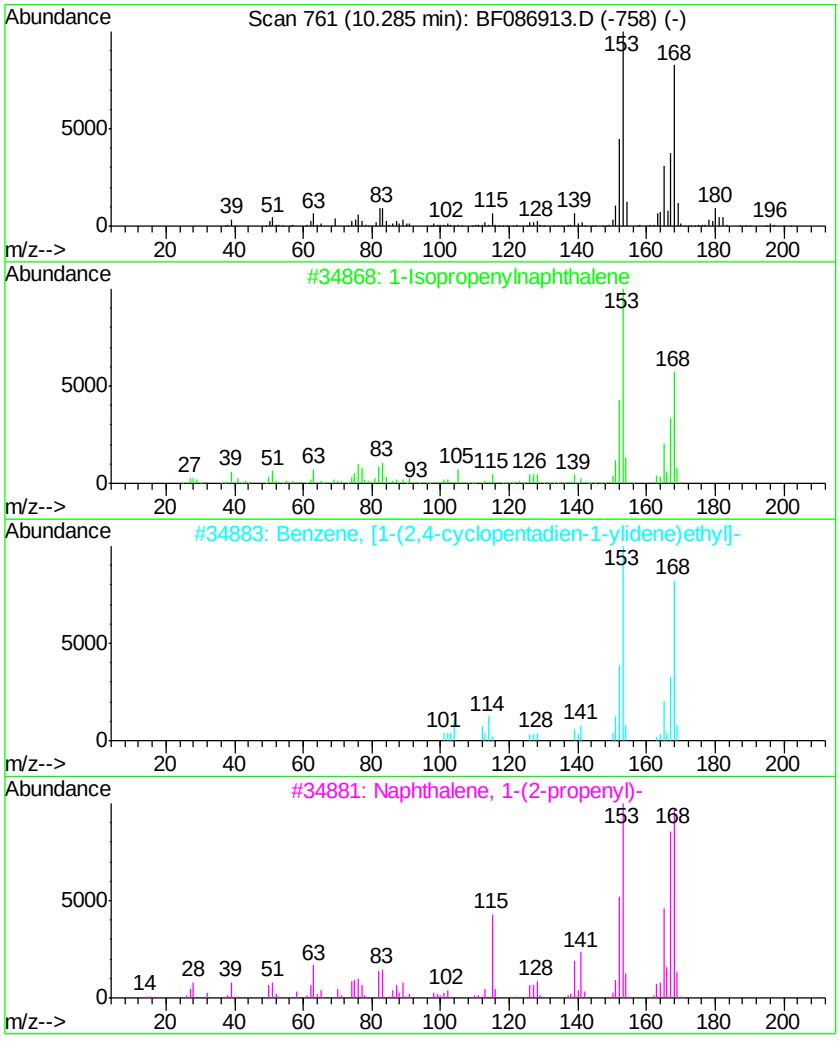
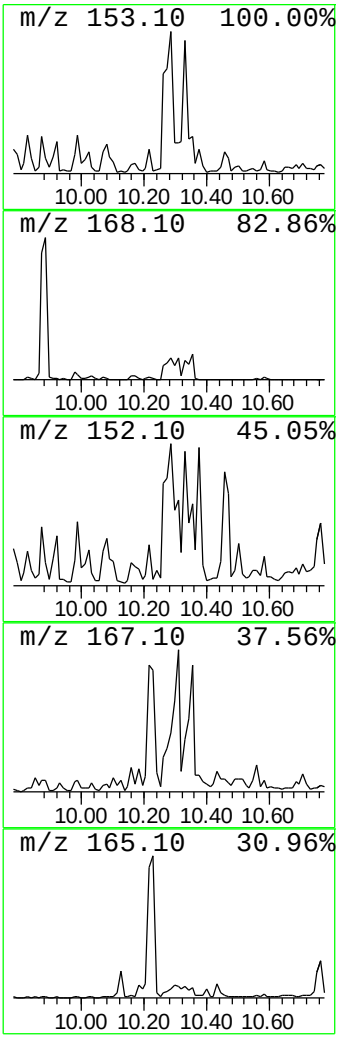
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	23.11 ng	2226280	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	53
5	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	50





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Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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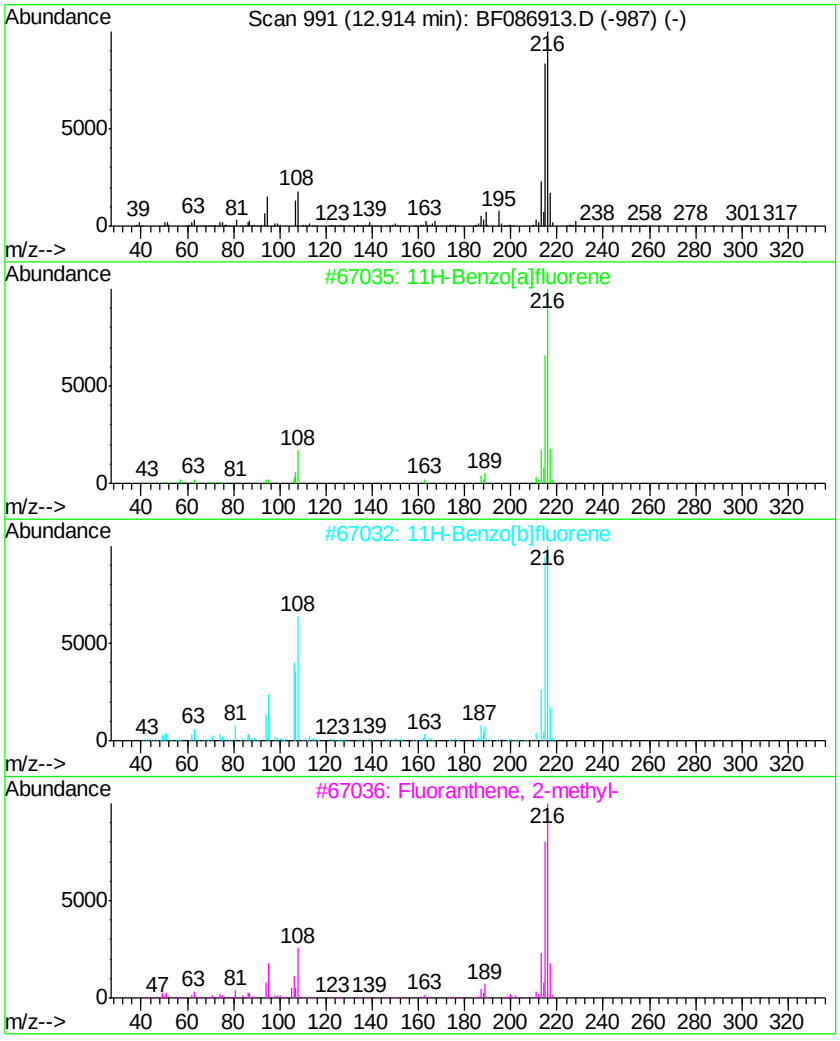
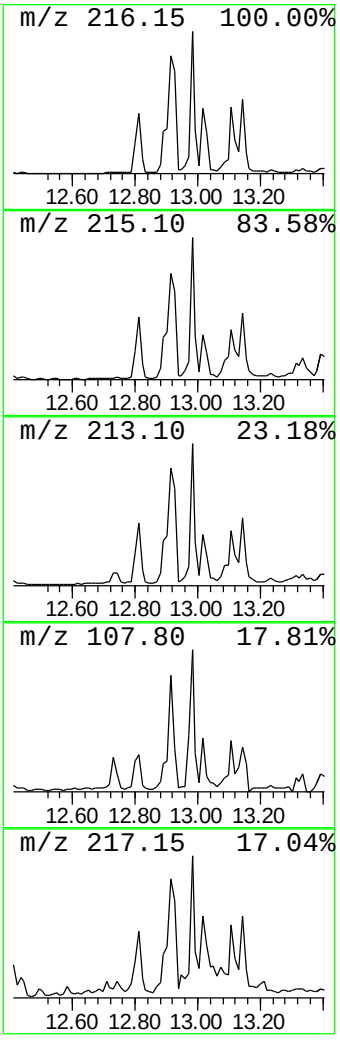
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	10.31 ng	2884400	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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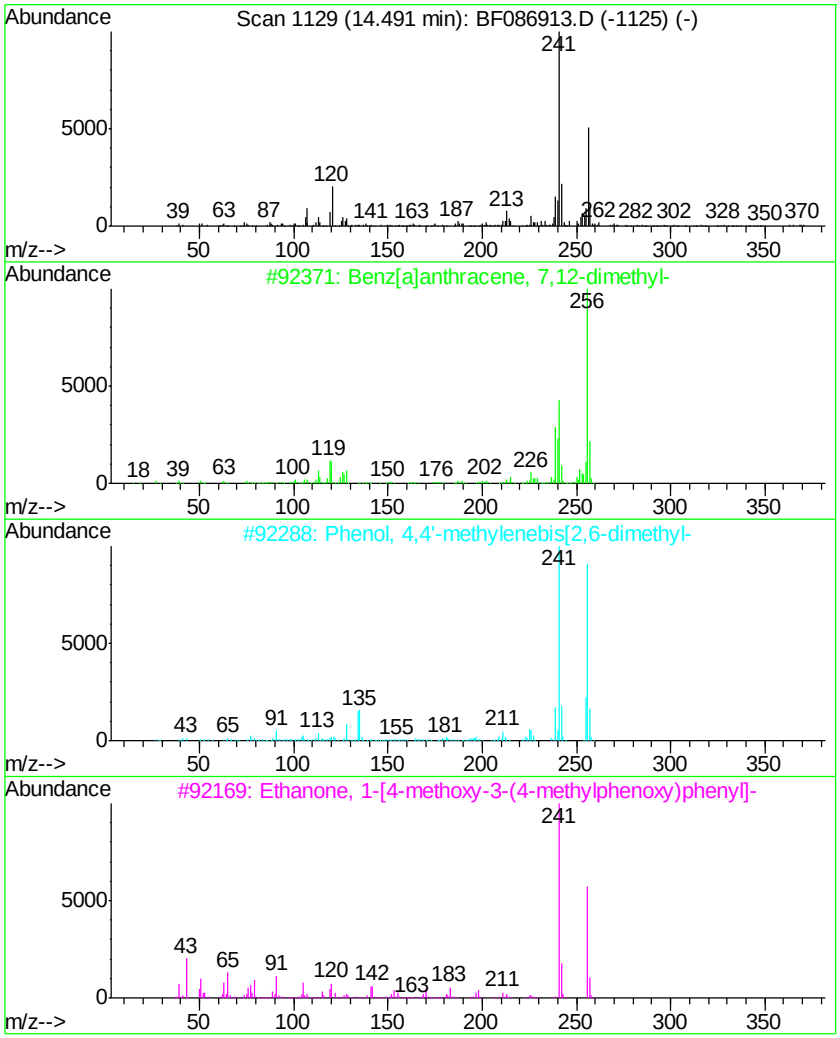
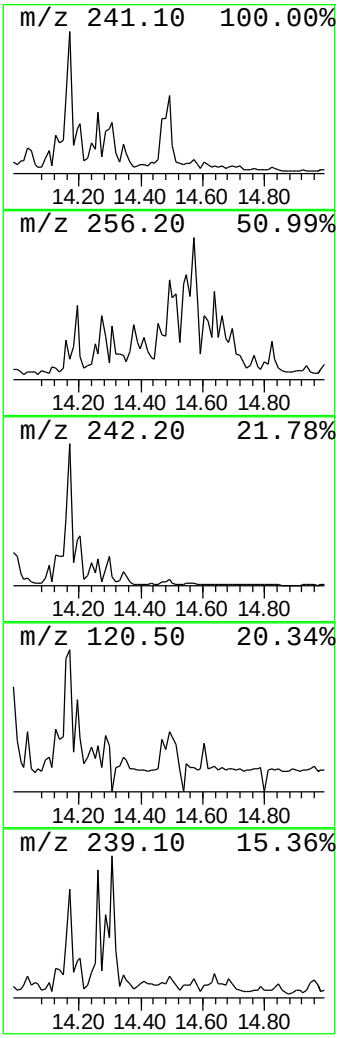
Peak Number 14 Benz[a]anthracene, 7,12-dim... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	13.82 ng	477608	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	89
2	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	64
3	Ethanone, 1-[4-methoxy-3-(4-meth...	256	C16H16O3	116345-94-9	58
4	Phenol, 4,4'-(1-methylethylidene...	256	C17H20O2	000079-97-0	53
5	2-(4'-Methoxyphenyl)-2-(2'-metho...	256	C17H20O2	155726-81-1	53





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Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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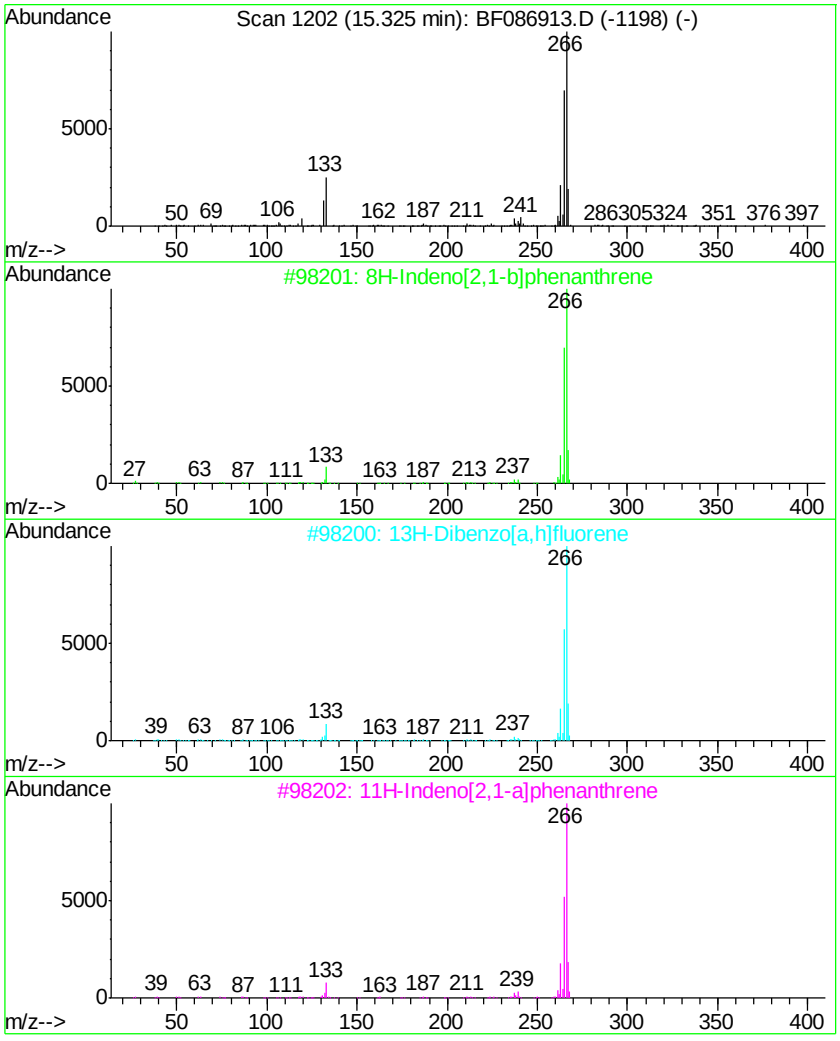
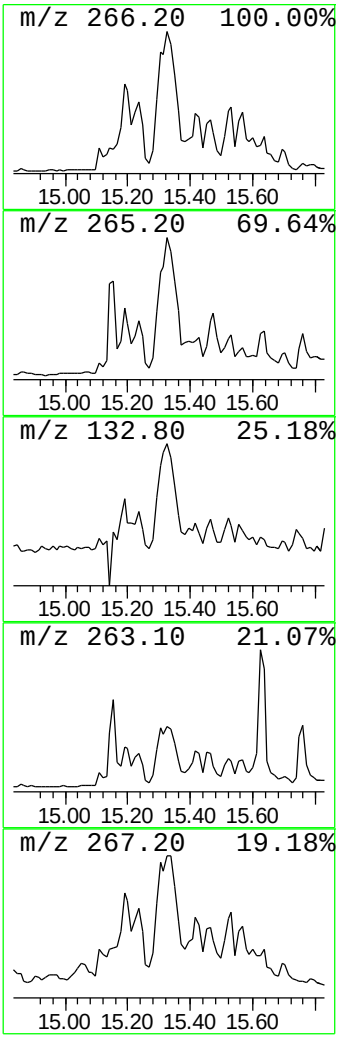
Peak Number 17 8H-Indeno[2,1-b]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	17.77 ng	613955	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	95
2	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	89
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
4	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	59
5	Imidazole-5-methanol, 2-ethyl-1-...	266	C17H18N2O	309731-07-5	53





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Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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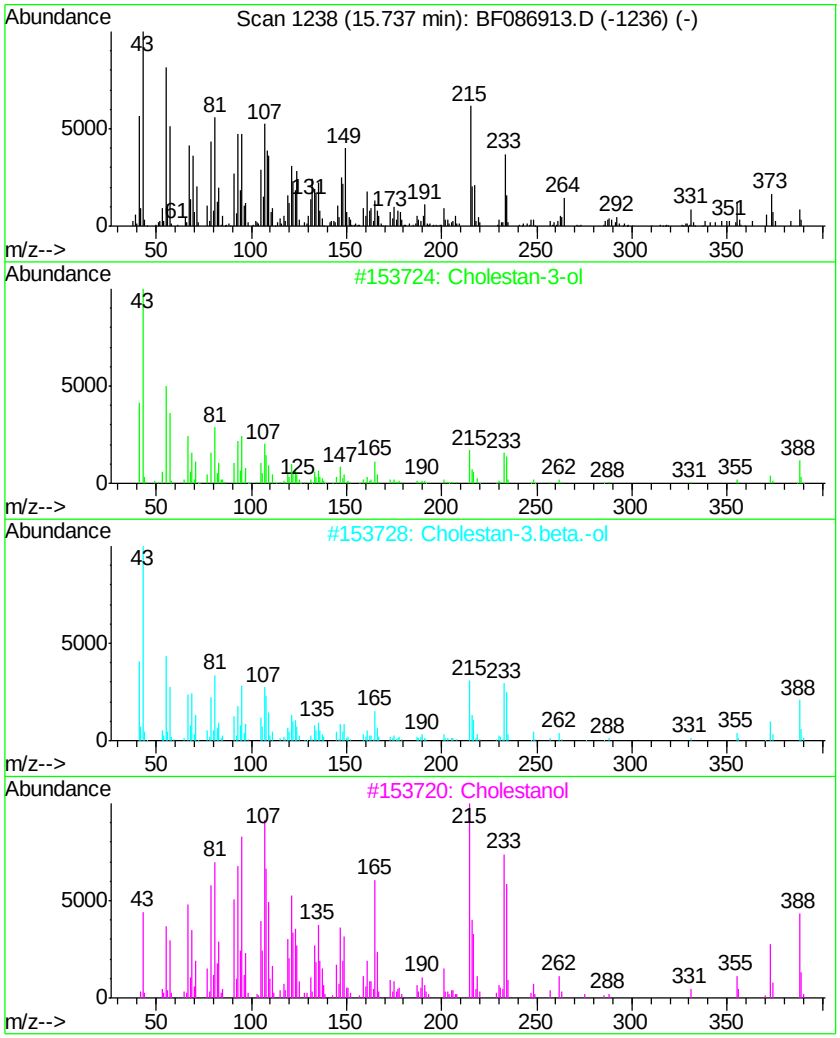
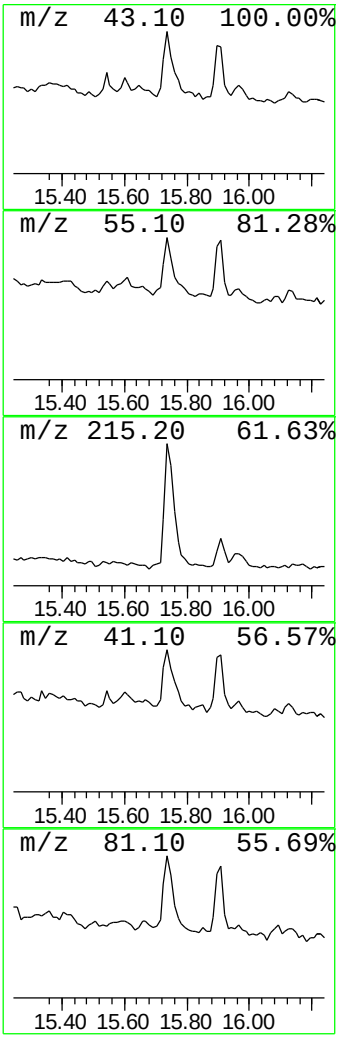
Peak Number 18 Cholestan-3-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	20.17 ng	696872	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol	388	C27H48O	027409-41-2	89
2	Cholestan-3.beta.-ol	388	C27H48O	017608-41-2	78
3	Cholestanol	388	C27H48O	000080-97-7	74
4	Epicholestanol	388	C27H48O	000516-95-0	53
5	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	38





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Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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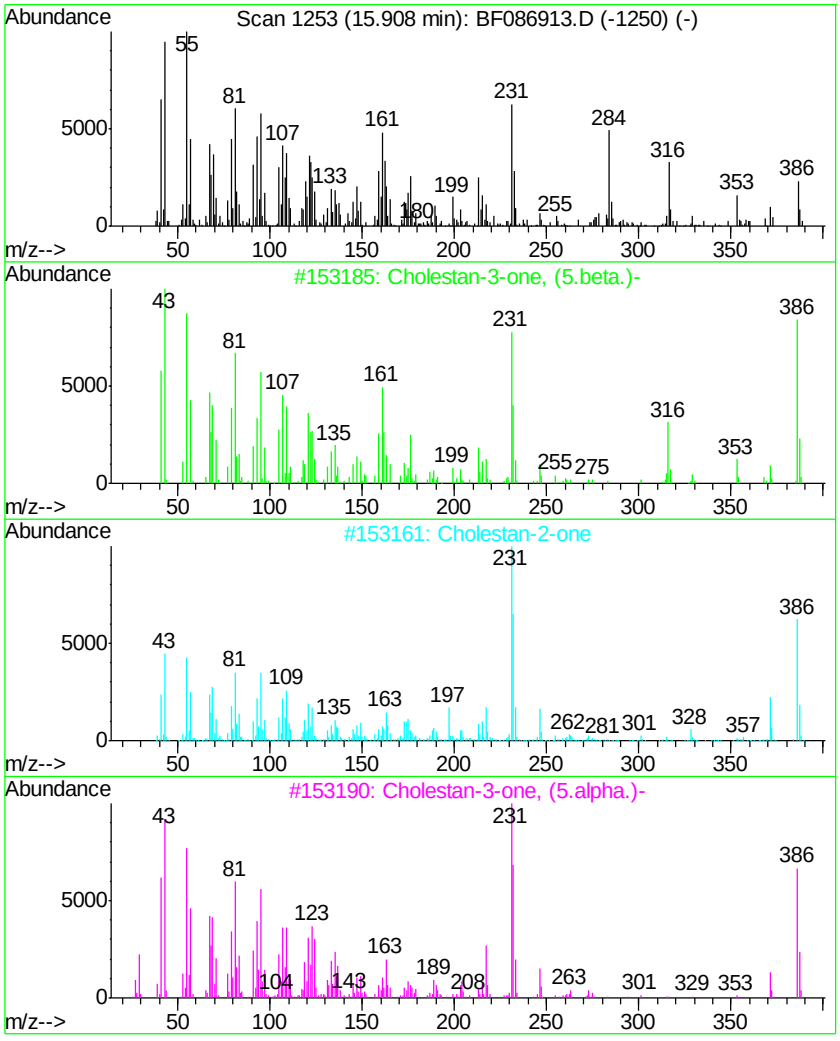
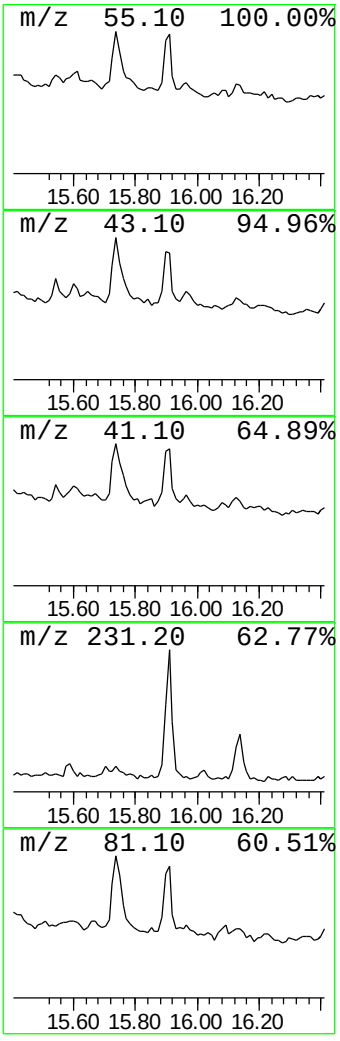
Peak Number 19 Cholestan-3-one, (5.beta.)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	12.93 ng	446710	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	99
2	Cholestan-2-one	386	C27H46O	1000210-43-4	91
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	72
4	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	55
5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	55





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Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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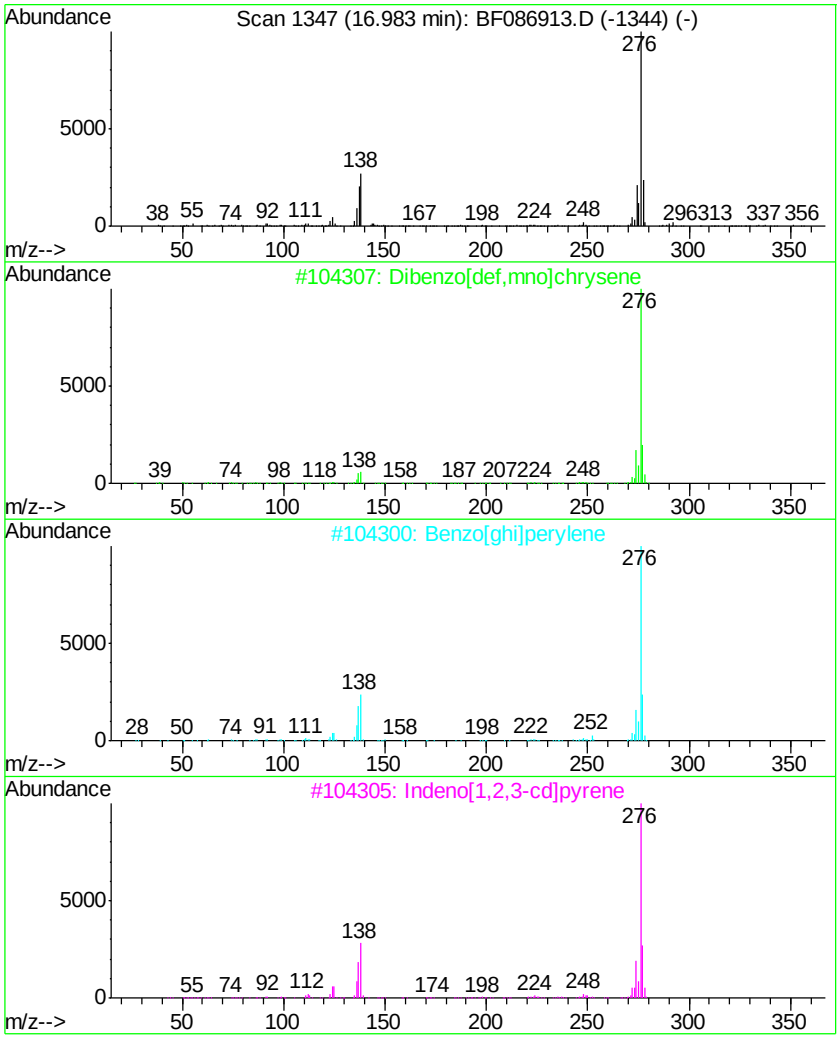
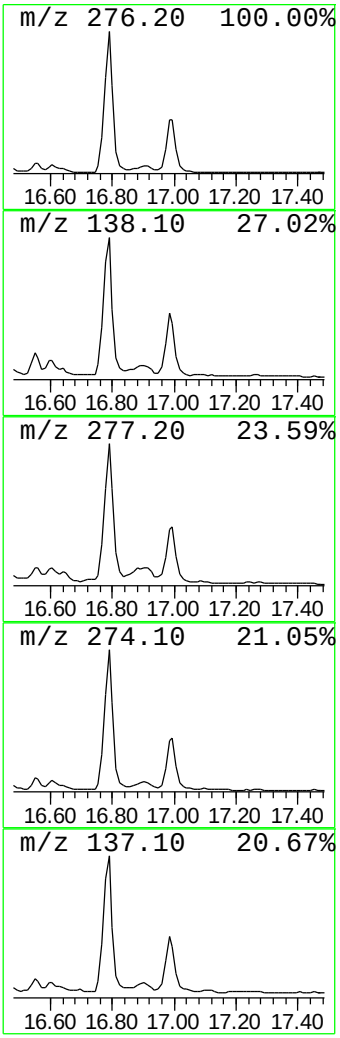
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	19.58 ng	676540	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	56
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
Sample : H2965-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-17(10-10.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.41	6.41	93.9	ng	4680990	1	6.64	996624	20.0
Benzene, 1,2,3-tr...	6.46	16.6	ng	828383	1	6.64	996624	20.0
Indane	6.81	57.9	ng	2886070	1	6.64	996624	20.0
Naphthalene, 1-et...	9.19	13.3	ng	1280950	3	9.67	1926500	20.0
Naphthalene, 2,6-...	9.26	24.4	ng	2345120	3	9.67	1926500	20.0
Naphthalene, 1,6-...	9.34	24.9	ng	2401020	3	9.67	1926500	20.0
Naphthalene, 2,3,...	10.08	9.1	ng	878228	3	9.67	1926500	20.0
1-Isopropenylnaph...	10.28	23.1	ng	2226280	3	9.67	1926500	20.0
11H-Benzo[a]fluorene	12.91	10.3	ng	2884400	5	13.78	5594480	20.0
Benz[a]anthracene...	14.49	13.8	ng	477608	6	15.15	691159	20.0
8H-Indeno[2,1-b]p...	15.33	17.8	ng	613955	6	15.15	691159	20.0
Cholestan-3-ol	15.74	20.2	ng	696872	6	15.15	691159	20.0
Cholestan-3-one, ...	15.91	12.9	ng	446710	6	15.15	691159	20.0
Dibenzo[def,mno]c...	16.98	19.6	ng	676540	6	15.15	691159	20.0