LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087863.D
Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

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-BF060716.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	1.758	12	15	24	rVB	99589	239737	4.24%	0.423%
2	1.884	24	26	37	rVB	1195536	2286588	40.44%	4.036%
3	5.404	332	334	336	rBV	645884	569053	10.06%	1.004%
4	6.444	422	425	427	rBV	734852	593043	10.49%	1.047%
5	6.582	435	437	439	rBV	757771	613715	10.85%	1.083%
6	6.822	456	458	460	rBV	745794	667205	11.80%	1.178%
7	6.970	469	471	473	rBV	462789	458950	8.12%	0.810%
8	7.084	478	481	483	rBV	53612	68437	1.21%	0.121%
9	7.382	504	507	509	rBV	393198	357888	6.33%	0.632%
10	8.136	568	573	575	rBV2	3821110	4763571	84.24%	8.408%
11	8.182	575	577	579	rVB	214104	192767	3.41%	0.340%
12	8.822	630	633	635	rBV	2591858	2392524	42.31%	4.223%
13	8.868	635	637	639	rVV	192557	164050	2.90%	0.290%
14	8.913	639	641	643	rVB	1283887	1202373	21.26%	2.122%
15	9.176	662	664	666	rVB	840767	669543	11.84%	1.182%
16	9.279	670	673	675	rVV	837224	713908	12.62%	1.260%
17	9.370	679	681	684	rVB	344650	347989	6.15%	0.614%
18	9.439	684	687	689	rBV	402046	543882	9.62%	0.960%
19	9.519	691	694	695	rVV	428896	610021	10.79%	1.077%
20	9.576	698	699	701	rVV2	56023	58866	1.04%	0.104%
21	9.633	701	704	706	rVV2	210521	294216	5.20%	0.519%
22	9.713	708	711	713	rBV	291892	250257	4.43%	0.442%
23	9.850	720	723	725	rBV2	652541	1095469	19.37%	1.934%
24	9.896	725	727	728	rVV	3140848	3452651	61.06%	6.094%
25	9.919	728	729	731	rVB	159434	111035	1.96%	0.196%
26	9.953	731	732	735	rBV	61440	97430	1.72%	0.172%
27	10.011	735	737	739	rVV	154416	150311	2.66%	0.265%
28	10.056	739	741	743	rVB	1730727	1799149	31.82%	3.176%
29	10.091	743	744	748	rVB4	67467	92291	1.63%	0.163%
30	10.171	748	751	752	rBV2	89145	96578	1.71%	0.170%
31	10.193	752	753	756	rVB3	63691	78935	1.40%	0.139%
32	10.262	756	759	764	rBV3	69512	161664	2.86%	0.285%
33	10.353	764	767	769	rBV2	51437	78366	1.39%	0.138%
34	10.399	769	771	774	rVB	2082395	2316446	40.96%	4.089%

LSC Area Percent Report

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Sample : H3380-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.479	774	778	780	rBV3	262407	698739	12.36%	1.233%
36	10.559	780	785	787	rVB3	337839	630874	11.16%	1.114%
37	10.639	789	792	794	rBV2	618197	727359	12.86%	1.284%
38	10.685	794	796	798	rVB2	79653	90481	1.60%	0.160%
39	10.765	798	803	806	rBV3	68870	106477	1.88%	0.188%
40	10.833	806	809	810	rBV2	86244	125572	2.22%	0.222%
41	10.948	815	819	820	rBV	219213	343631	6.08%	0.607%
42	10.971	820	821	823	rVV	107255	97689	1.73%	0.172%
43	11.028	823	826	827	rVB2	103296	116558	2.06%	0.206%
44	11.096	827	832	834	rBV3	91392	223477	3.95%	0.394%
45	11.131	834	835	838	rVB2	38644	59720	1.06%	0.105%
46	11.188	838	840	841	rBV	117802	156699	2.77%	0.277%
47	11.233	841	844	846	rVB	348338	487442	8.62%	0.860%
48	11.371	850	856	857	rBV2	3972941	5654816	100.00%	9.981%
49	11.416	857	860	861	rVV	1009449	1323439	23.40%	2.336%
50	11.439	861	862	865	rVB	161360	137640	2.43%	0.243%
51	11.565	869	873	874	rBV	524727	604852	10.70%	1.068%
52	11.634	876	879	880	rBV	96592	109376	1.93%	0.193%
53	11.828	894	896	898	rBV	337615	452890	8.01%	0.799%
54	11.862	898	899	901	rVB	572401	406509	7.19%	0.718%
55	11.908	901	903	904	rBV	230828	216065	3.82%	0.381%
56	11.942	904	906	910	rVB2	931343	1092936	19.33%	1.929%
57	12.125	920	922	926	rVB	369435	353469	6.25%	0.624%
58	12.274	933	935	936	rBV	78719	71486	1.26%	0.126%
59	12.308	936	938	941	rVB	47516	90045	1.59%	0.159%
60	12.376	941	944	946	rBV	106446	132226	2.34%	0.233%
61	12.422	946	948	950	rVB2	60449	97838	1.73%	0.173%
62	12.468	950	952	956	rVB4	35329	72888	1.29%	0.129%
63	12.548	956	959	961	rBV	3072818	3290924	58.20%	5.809%
64	12.594	961	963	965	rBV	66925	100404	1.78%	0.177%
65	12.685	968	971	975	rVB2	115624	164392	2.91%	0.290%
66	12.776	975	979	981	rBV	1873636	3326249	58.82%	5.871%
67	12.811	981	982	986	rVB2	114226	128339	2.27%	0.227%
68	12.914	986	991	994	rBV3	519258	754628	13.34%	1.332%
69	12.982	994	997	999	rBV2	122700	262613	4.64%	0.464%
70	13.097	1004	1007	1008	rVB	342140	457580	8.09%	0.808%
71	13.154	1011	1012	1014	rVV	382728	444068	7.85%	0.784%

LSC Area Percent Report

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Data File : BF087863.D
Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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72	13.199	1014	1016	1019	rVV3	133071	293524	5.19%	0.518%
73	13.291	1022	1024	1025	rVB	53527	63040	1.11%	0.111%
74	13.314	1025	1026	1031	rBV	93170	127178	2.25%	0.224%
75	13.497	1039	1042	1043	rVV3	42898	87997	1.56%	0.155%
76	13.577	1047	1049	1053	rVV3	42804	111087	1.96%	0.196%
77	13.702	1058	1060	1062	rBV	115074	180413	3.19%	0.318%
78	13.737	1062	1063	1064	rVV	140315	129254	2.29%	0.228%
79	13.759	1064	1065	1068	rVV2	97510	141558	2.50%	0.250%
80	13.954	1079	1082	1084	rBV2	1080063	1736198	30.70%	3.065%
81	14.057	1089	1091	1093	rBV	179619	214498	3.79%	0.379%
82	14.274	1108	1110	1112	rBV	40793	57695	1.02%	0.102%
83	14.342	1114	1116	1117	rVB	61978	70593	1.25%	0.125%
84	14.434	1122	1124	1125	rVV2	68946	73209	1.29%	0.129%
85	14.480	1127	1128	1130	rVB2	68454	76409	1.35%	0.135%
86	14.640	1140	1142	1143	rBV	48650	65808	1.16%	0.116%
87	14.800	1154	1156	1161	rBV2	51954	88642	1.57%	0.156%
88	14.960	1168	1170	1175	rBV	275944	574518	10.16%	1.014%
89	15.062	1177	1179	1181	rVB	58251	65496	1.16%	0.116%
90	15.245	1193	1195	1198	rVB	147626	177801	3.14%	0.314%
91	15.302	1198	1200	1203	rBV2	194975	264053	4.67%	0.466%
92	15.360	1203	1205	1207	rBV	370929	511744	9.05%	0.903%
93	16.720	1321	1324	1327	rBV2	44174	100435	1.78%	0.177%
94	16.777	1327	1329	1337	rVB	58526	134144	2.37%	0.237%
95	17.120	1357	1359	1368	rVB	36318	108531	1.92%	0.192%

Sum of corrected areas: 56653123

LSC Report - Integrated Chromatogram

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Data File : BF087863.D
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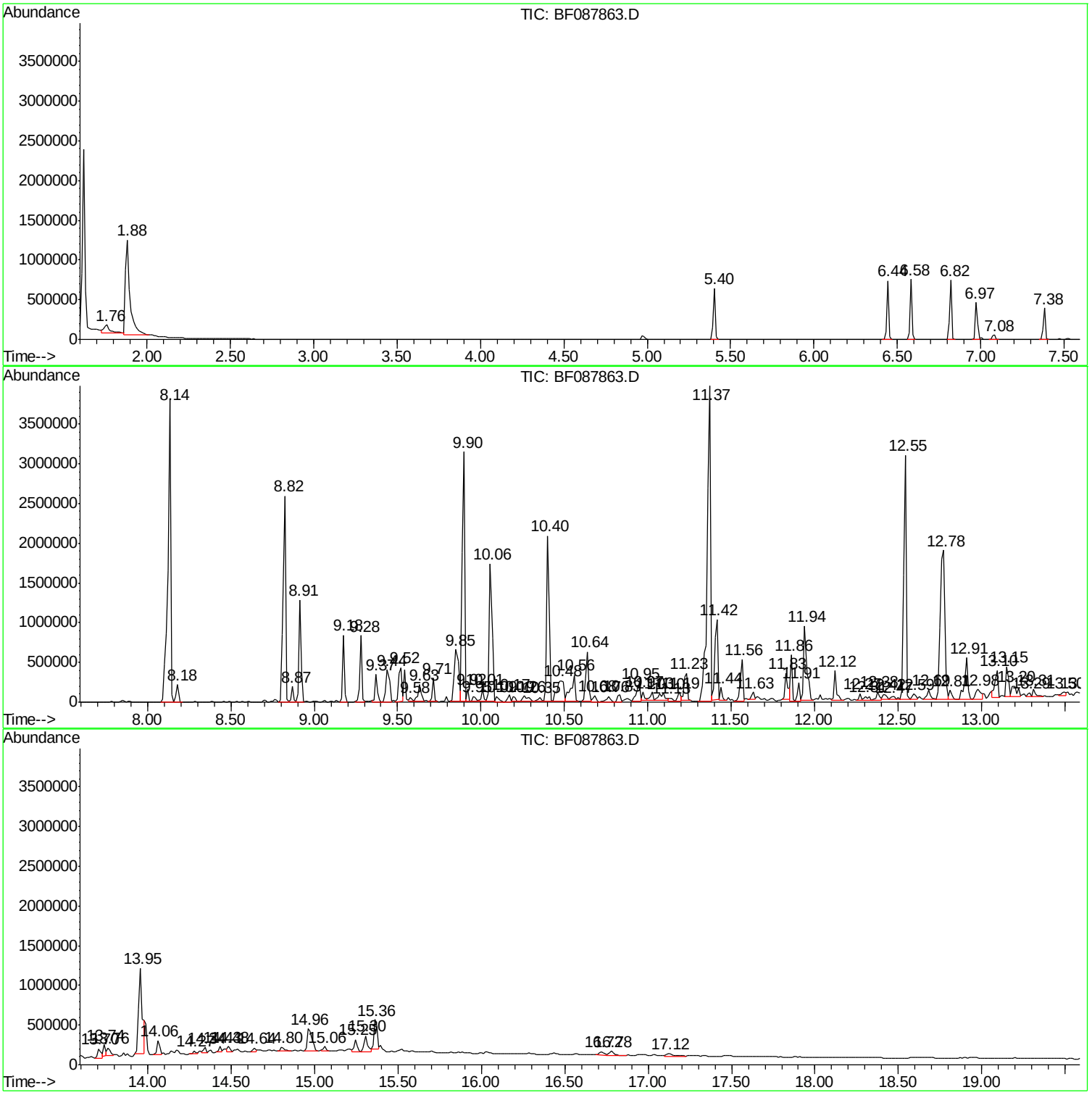
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
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Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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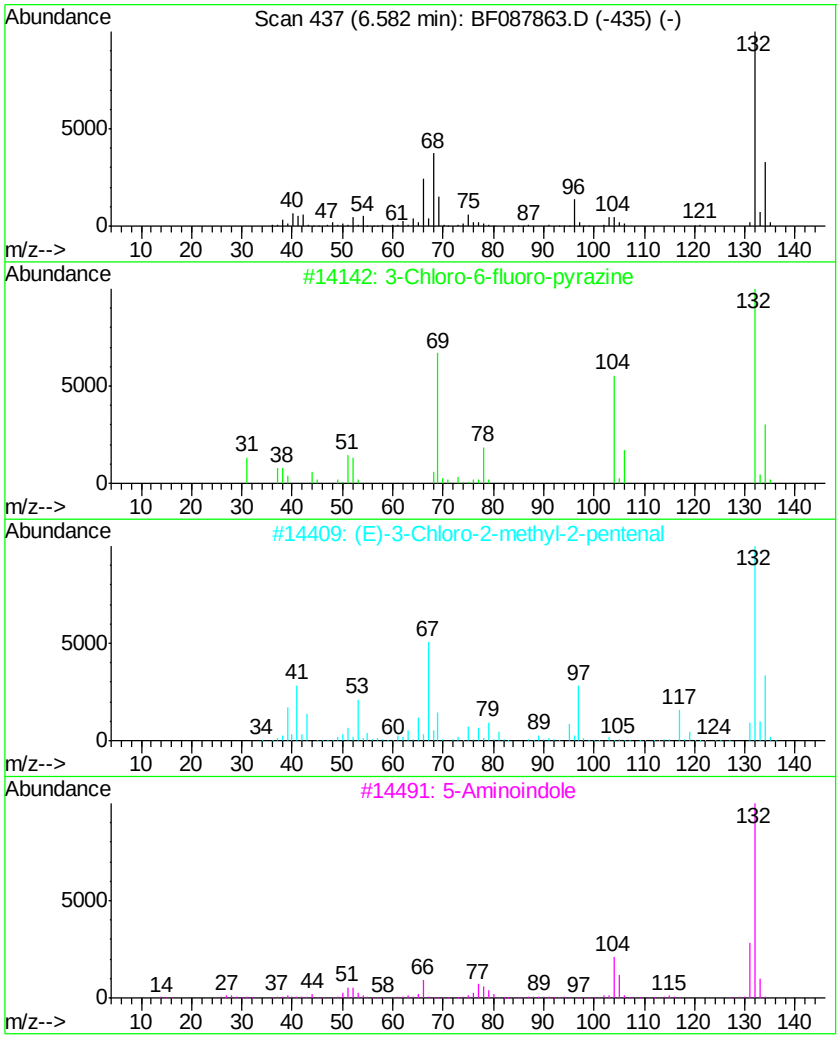
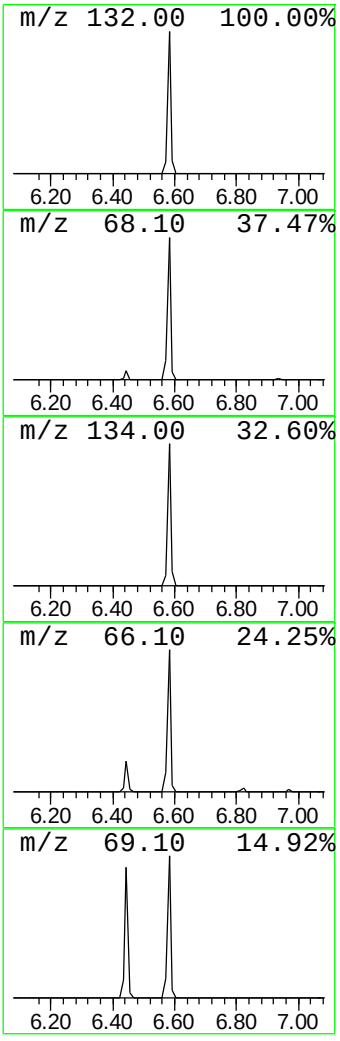
****

Peak Number 3 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	18.40 ng	613715	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087863.D
Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

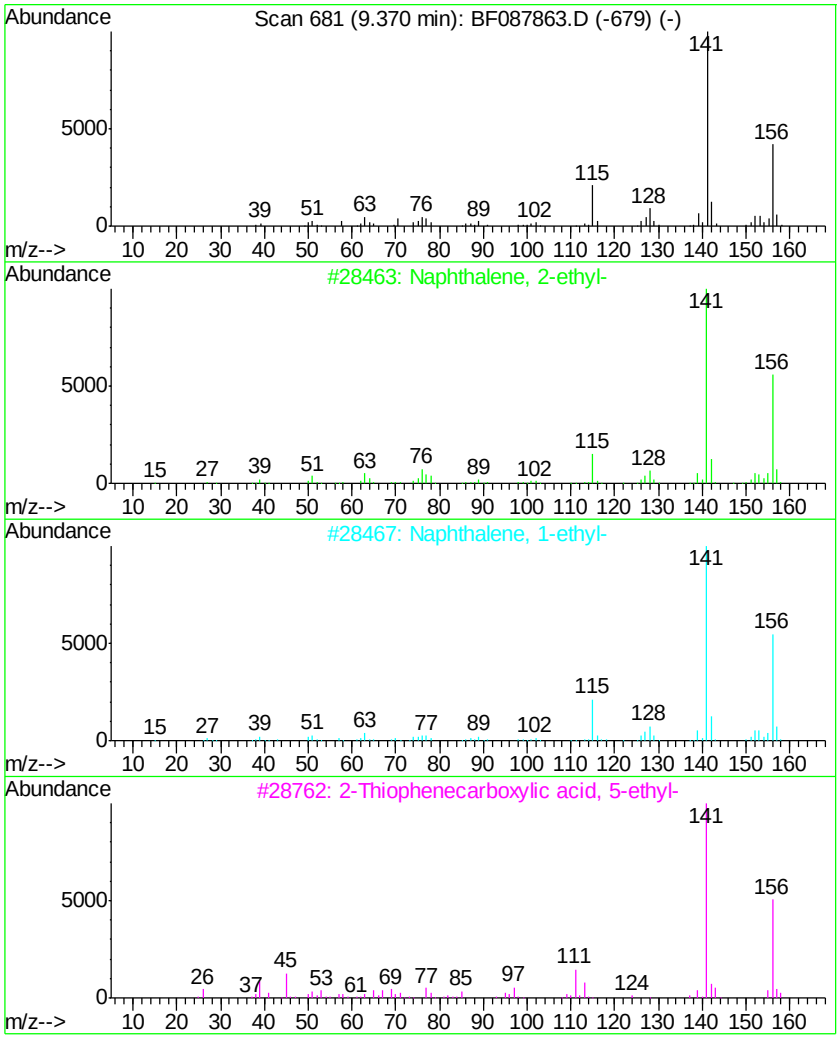
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

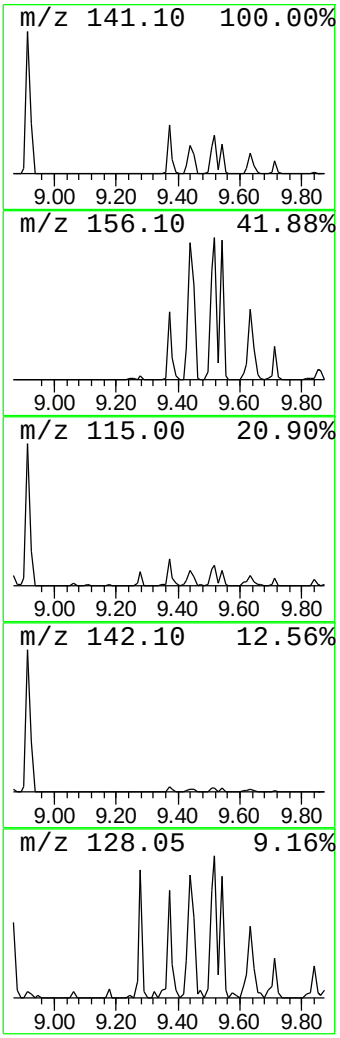
****

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	6.35 ng	347989	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





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Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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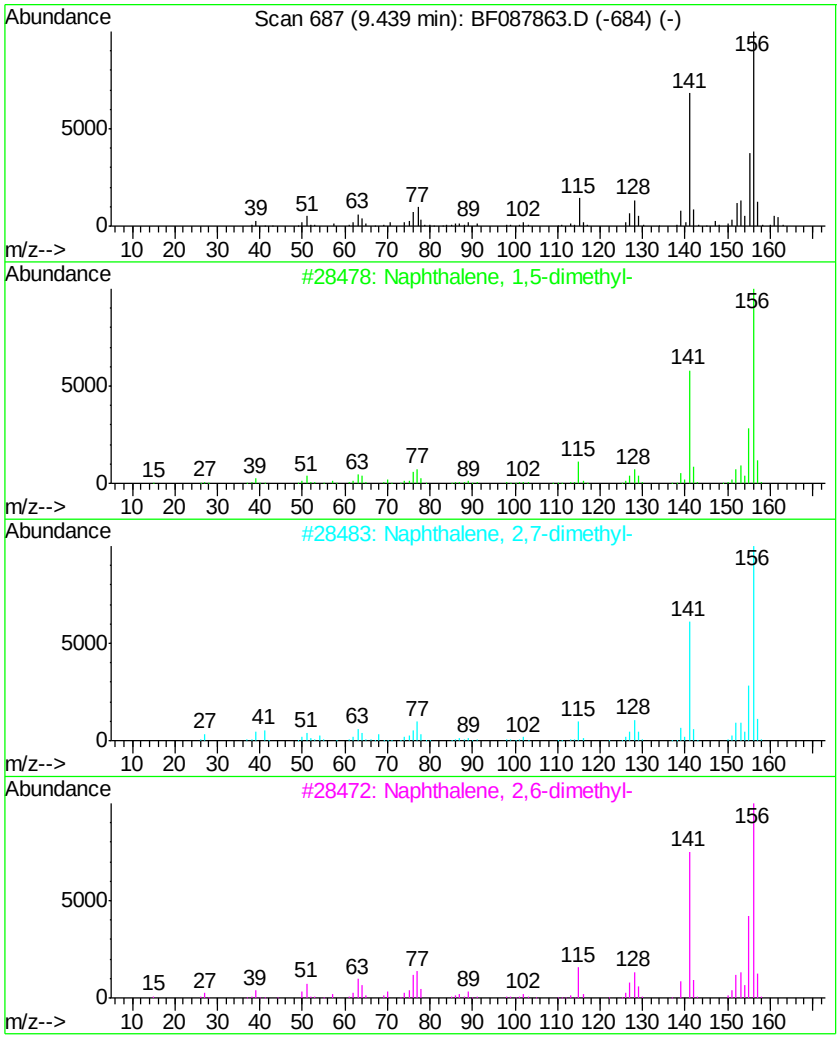
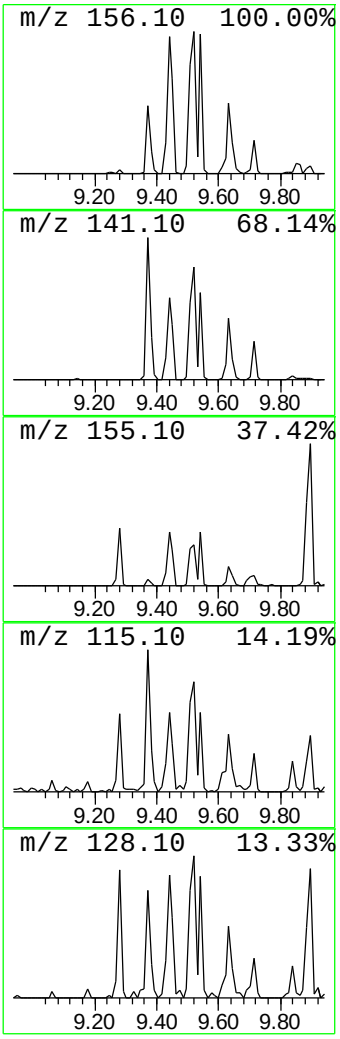
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	9.93 ng	543882	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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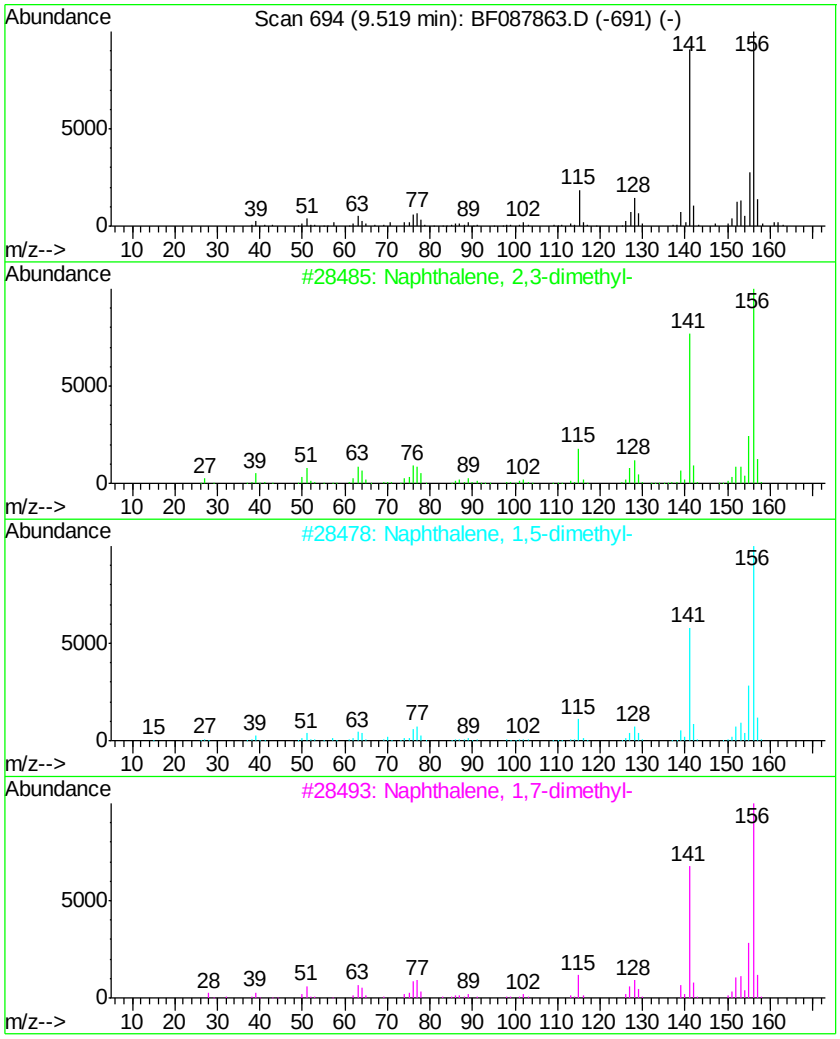
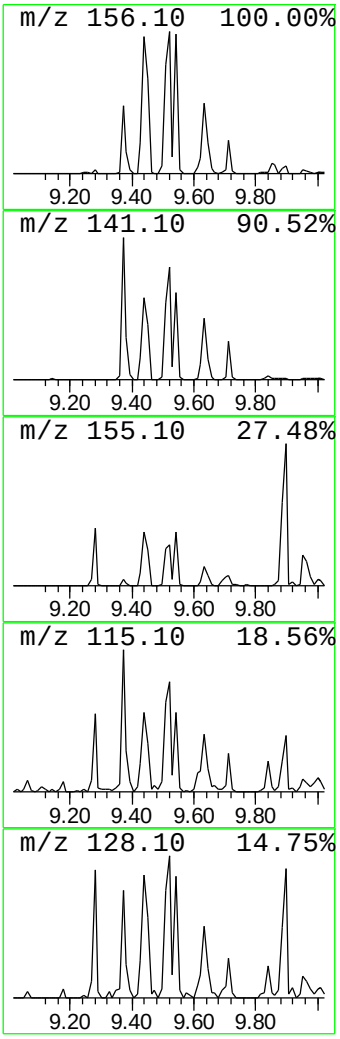
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	11.14 ng	610021	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Data File : BF087863.D
Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

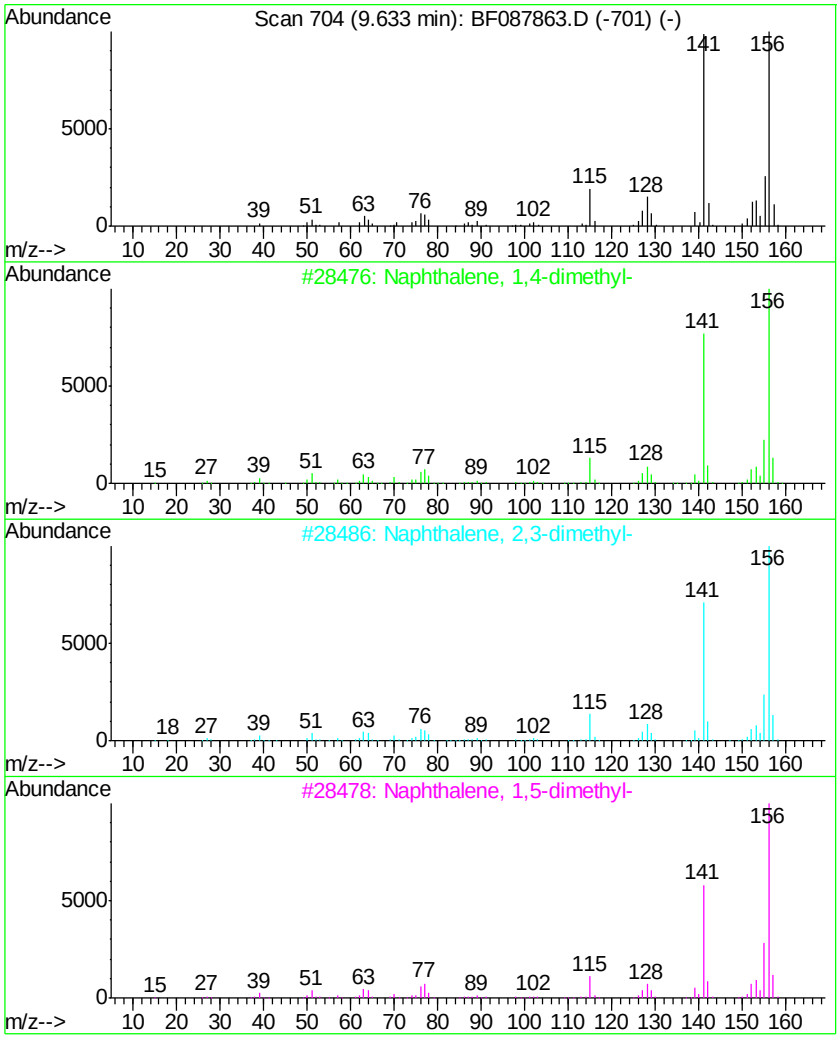
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

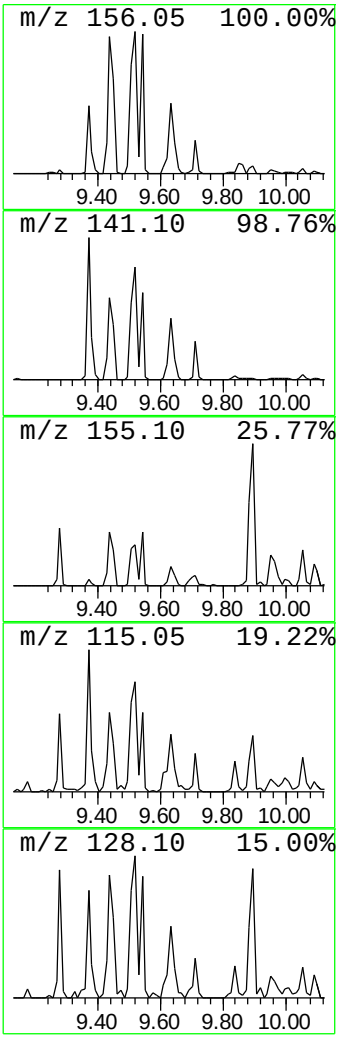
****

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	5.37 ng	294216	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087863.D
Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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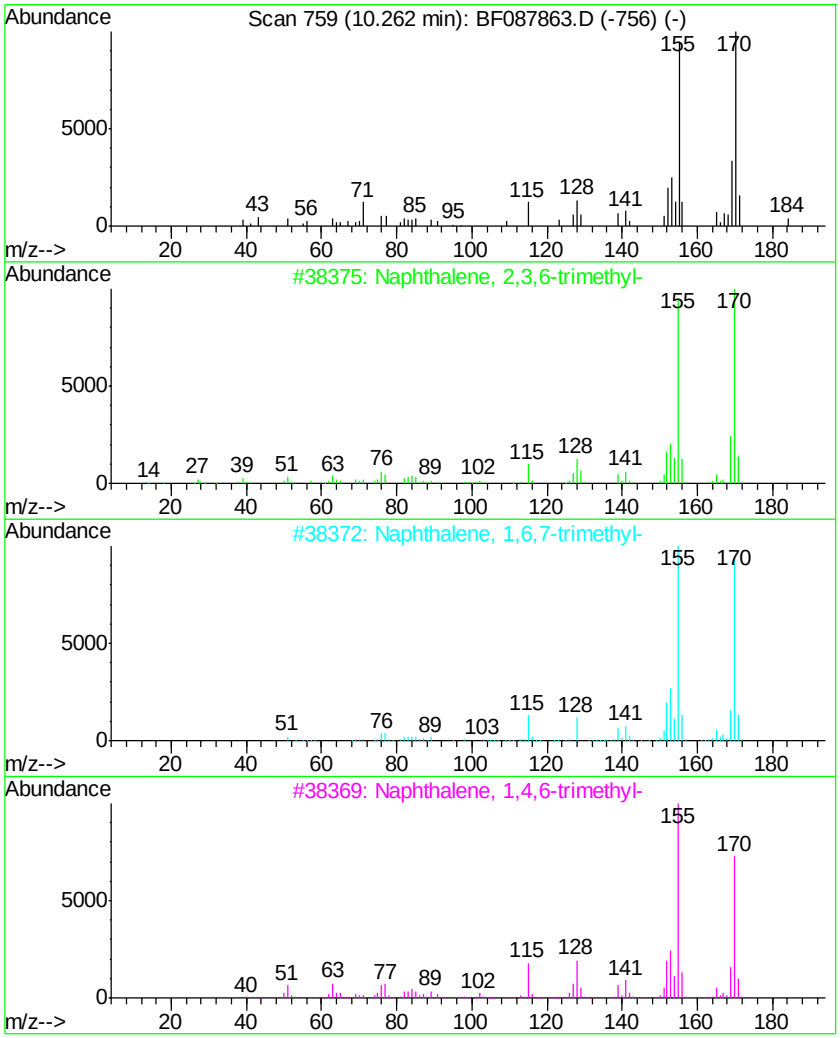
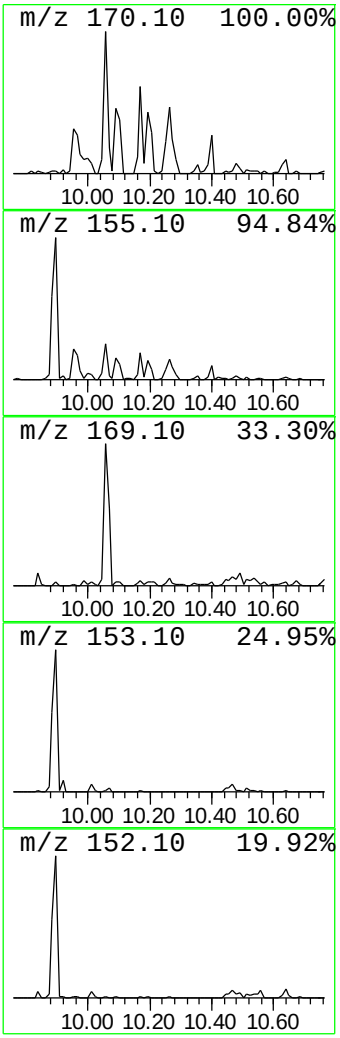
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.95 ng	161664	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Data File : BF087863.D
Acq On : 9 Jun 2016 20:22
Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

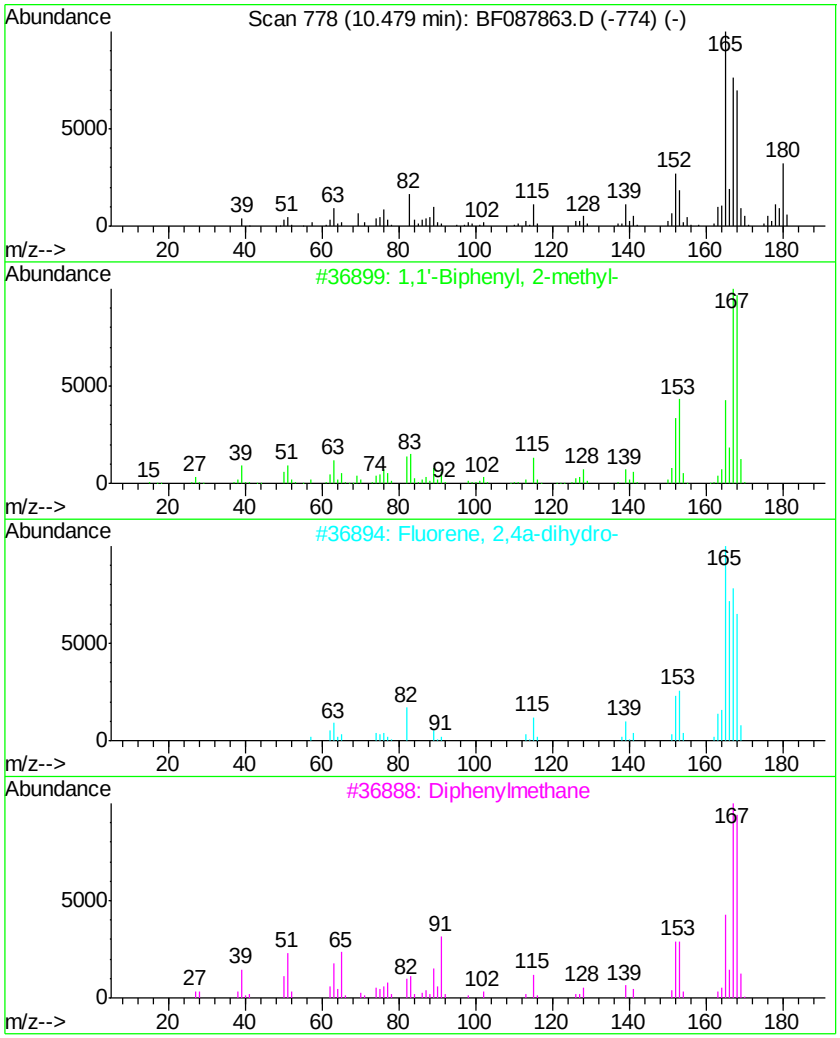
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

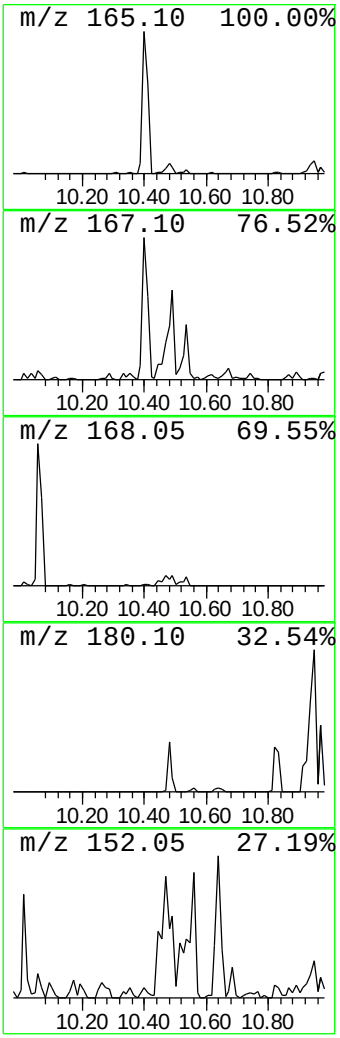
****

Peak Number 11 1,1'-Biphenyl, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	12.76 ng	698739	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64
3	Diphenylmethane	168	C13H12	000101-81-5	55
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	50
5	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	46





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Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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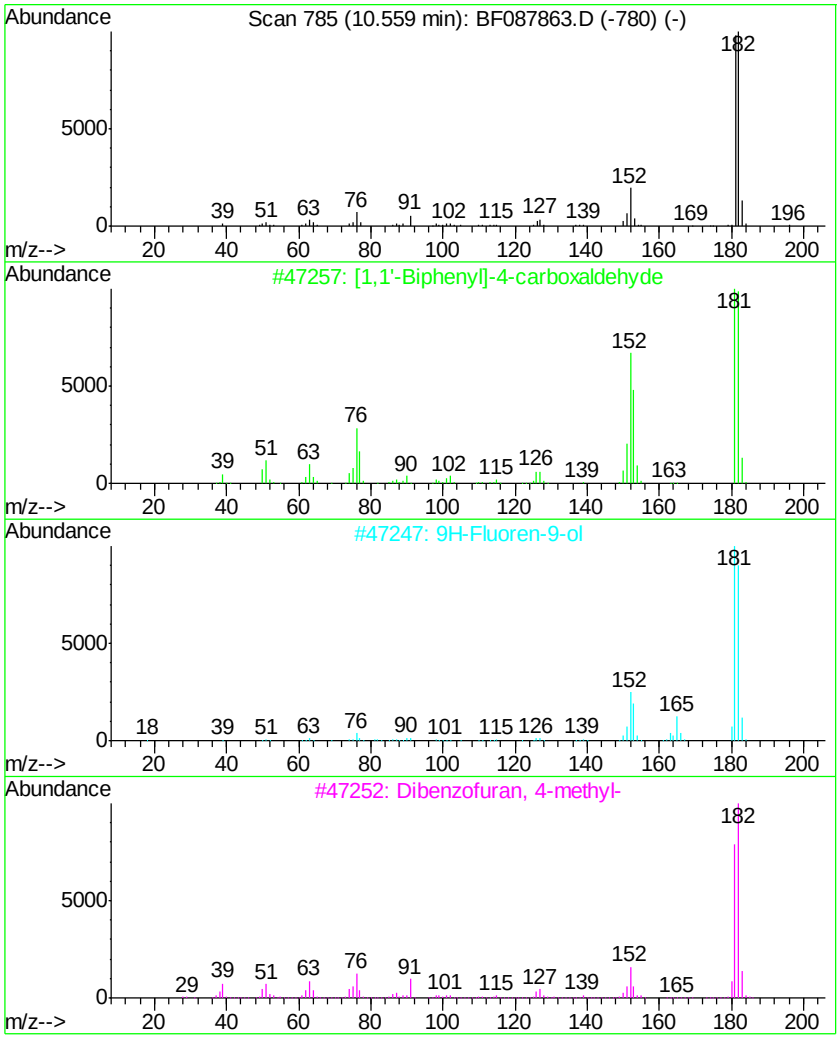
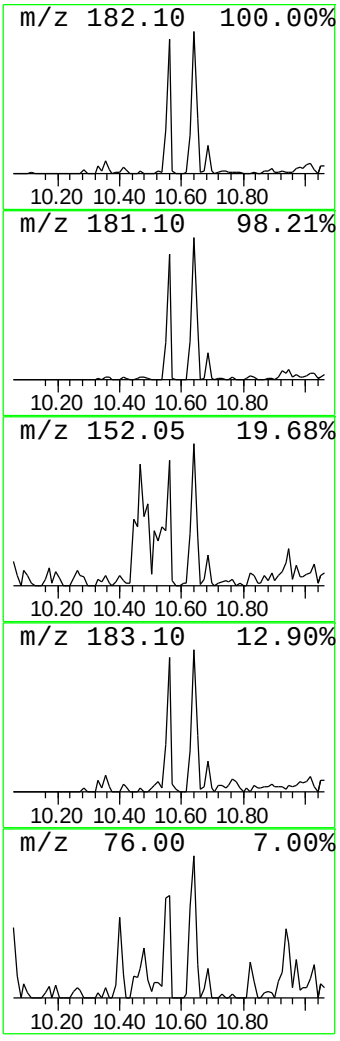
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	11.52 ng	630874	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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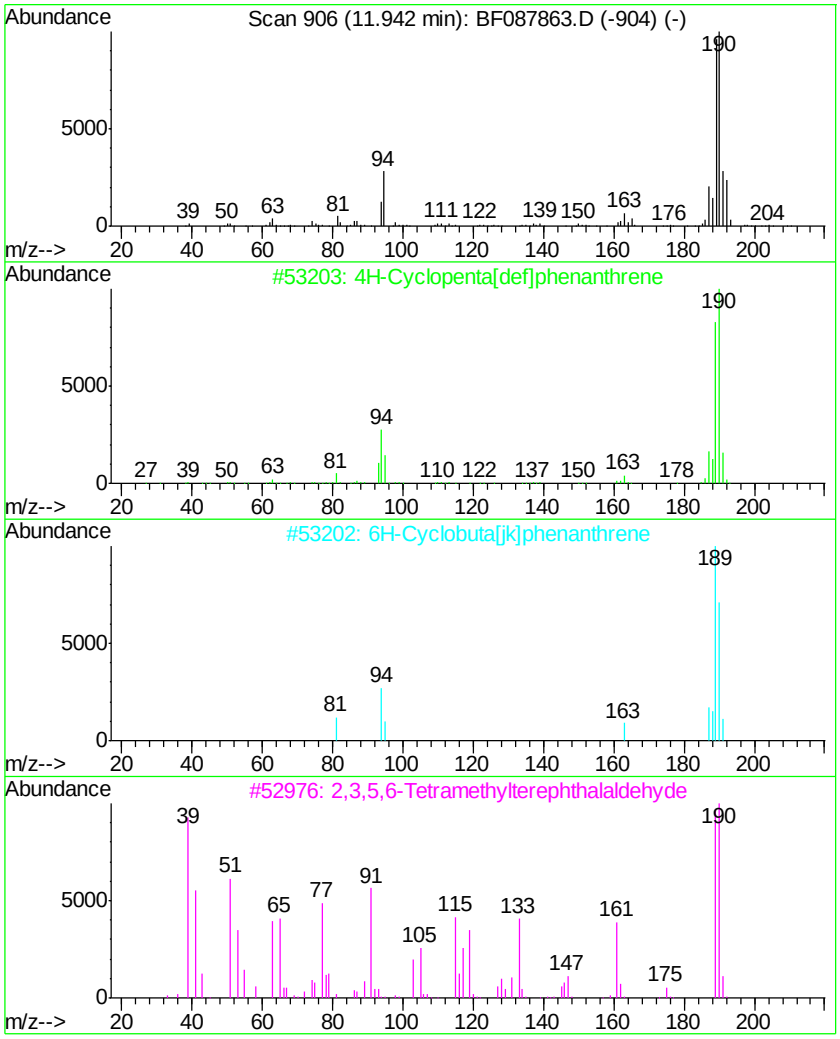
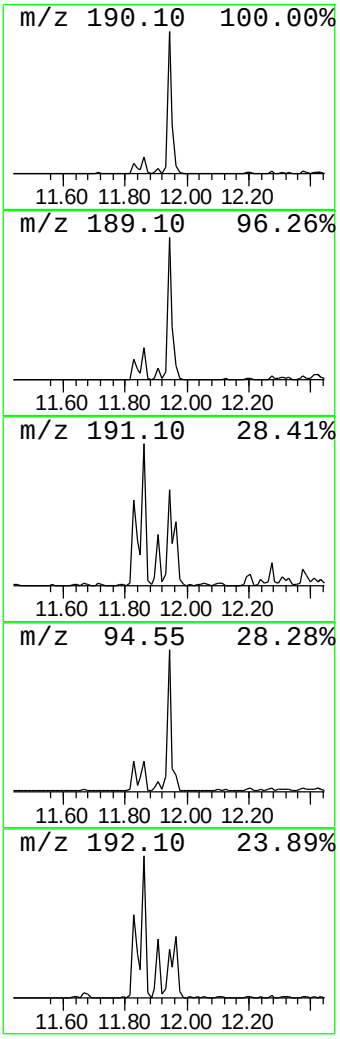
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.87 ng	1092940	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38





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Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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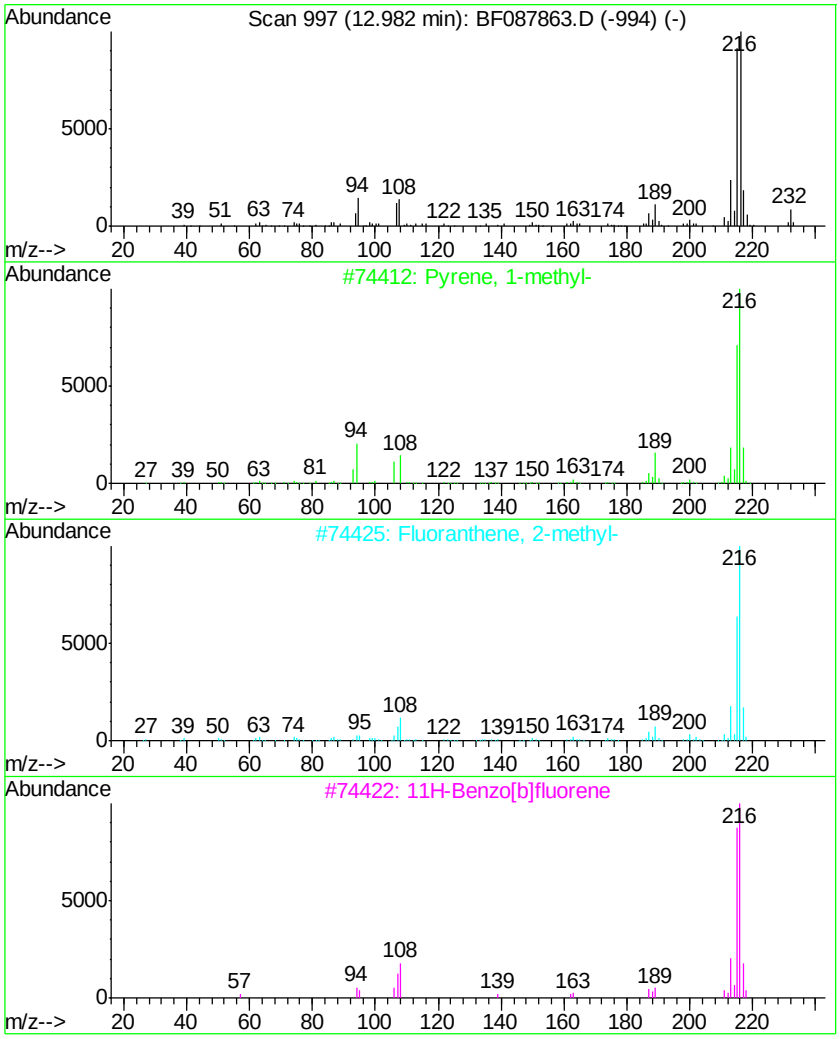
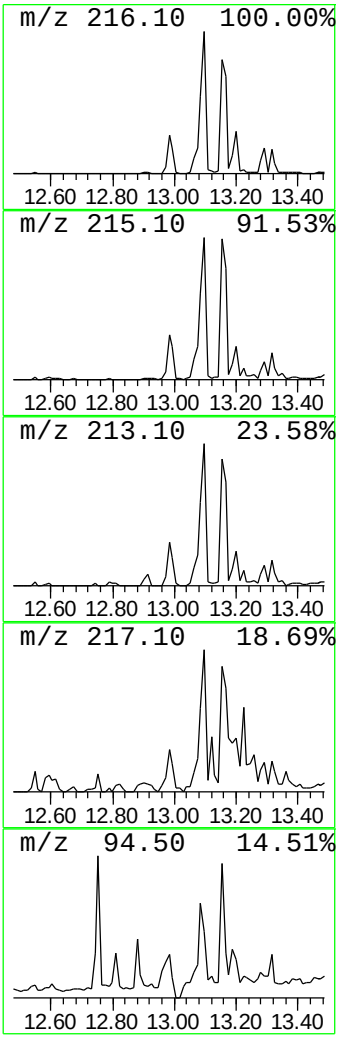
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	3.03 ng	262613	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 9 Jun 2016 20:22
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Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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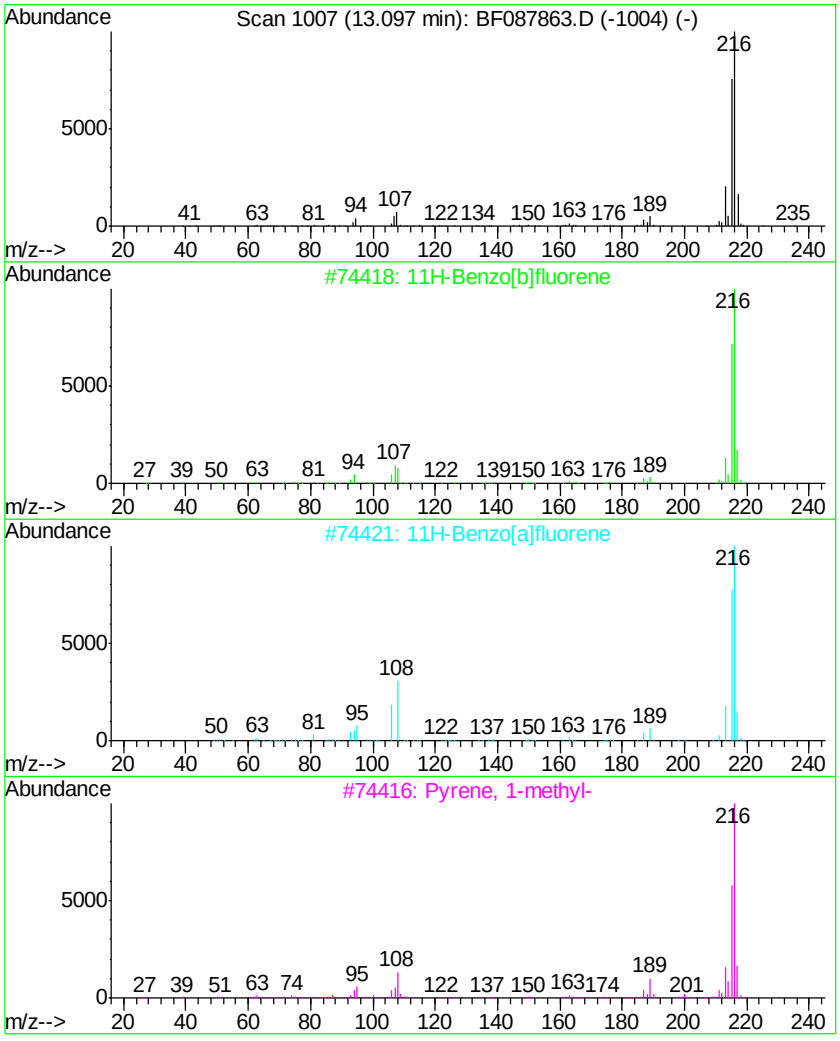
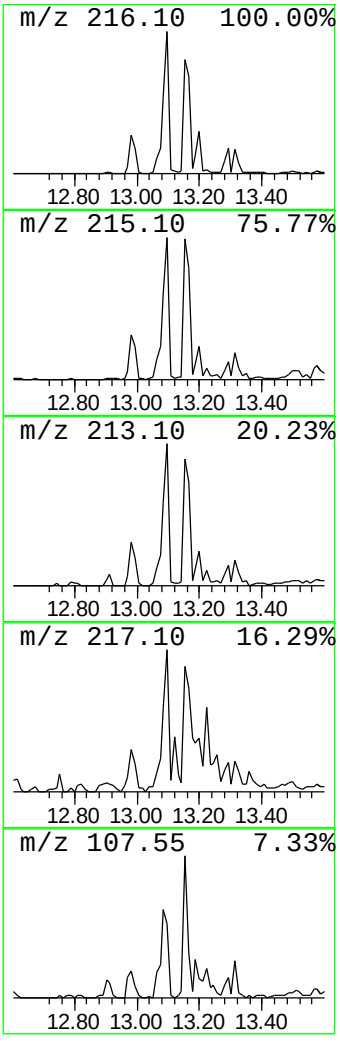
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.27 ng	457580	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Operator : UM/SJ
Sample : H3380-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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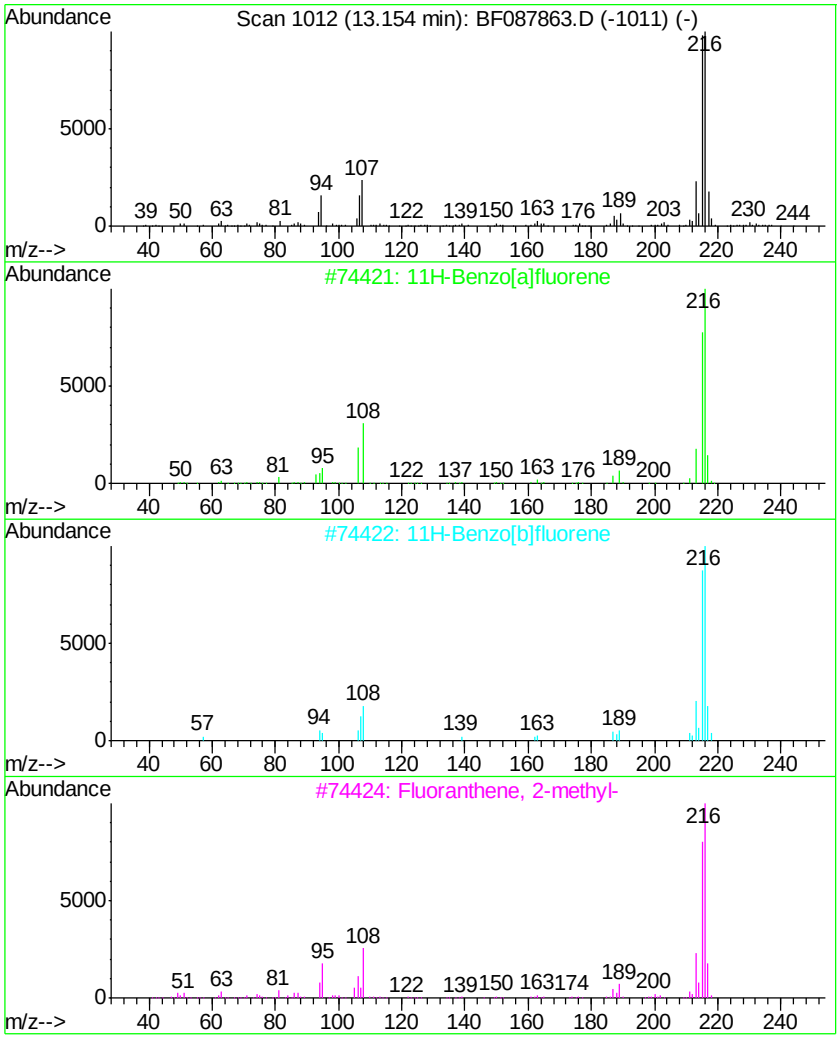
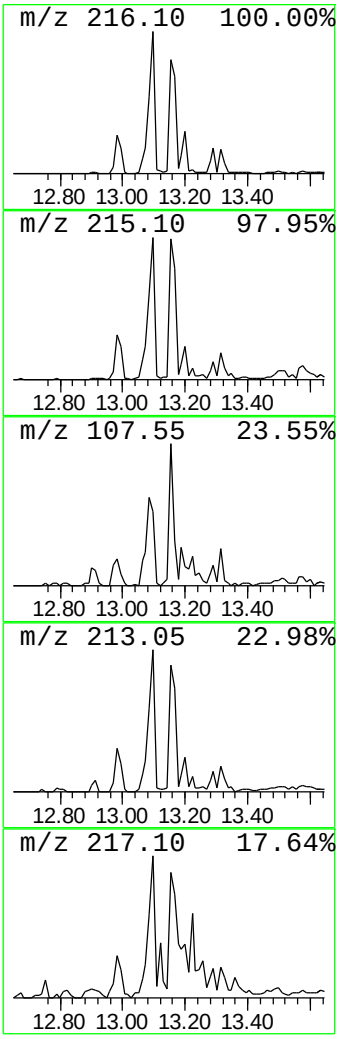
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.12 ng	444068	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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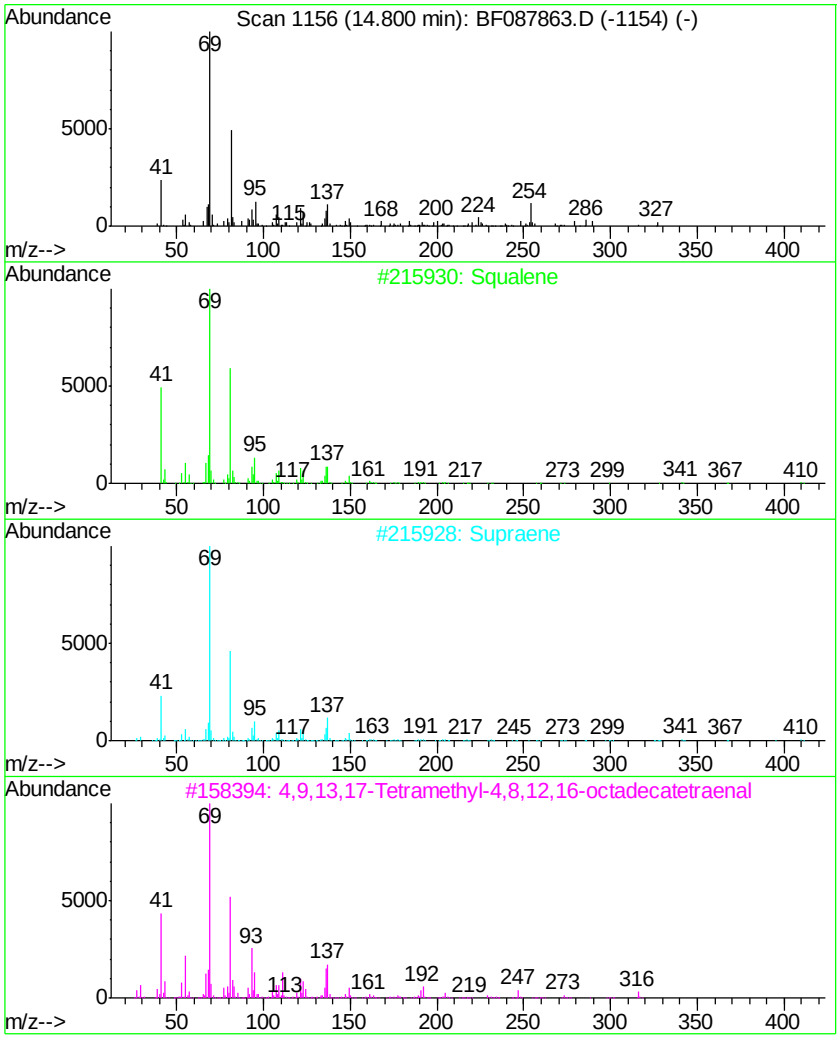
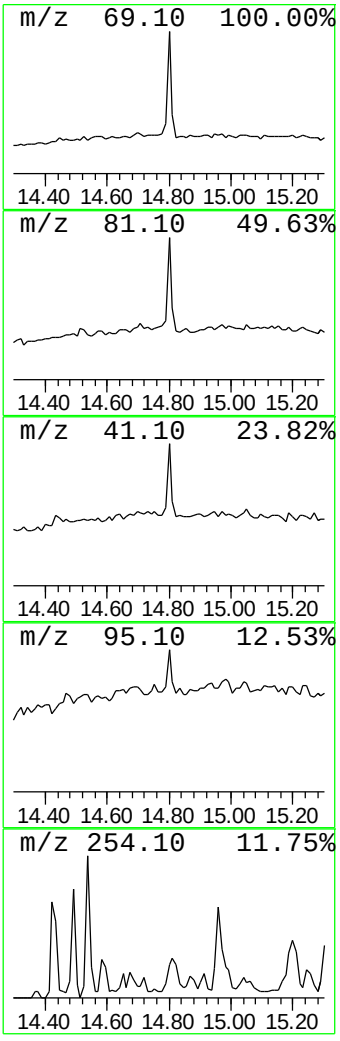
Peak Number 18 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.46 ng	88642	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	81
2	Supraene	410	C30H50	007683-64-9	81
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	59





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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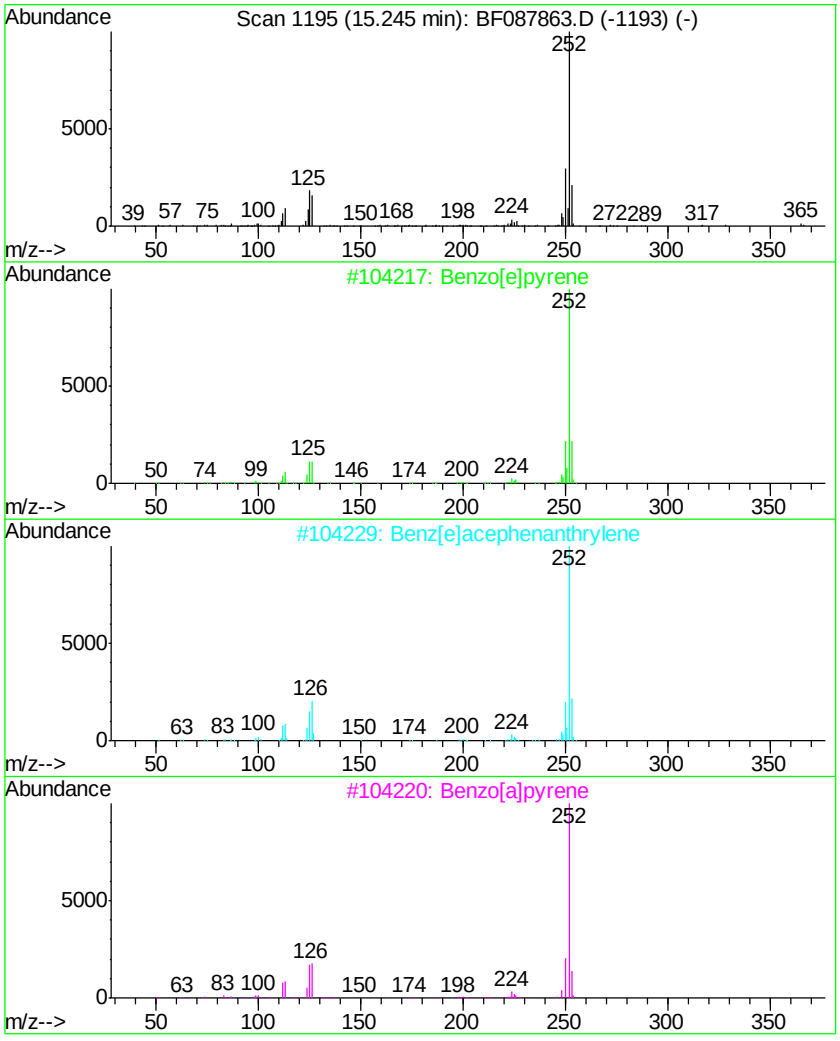
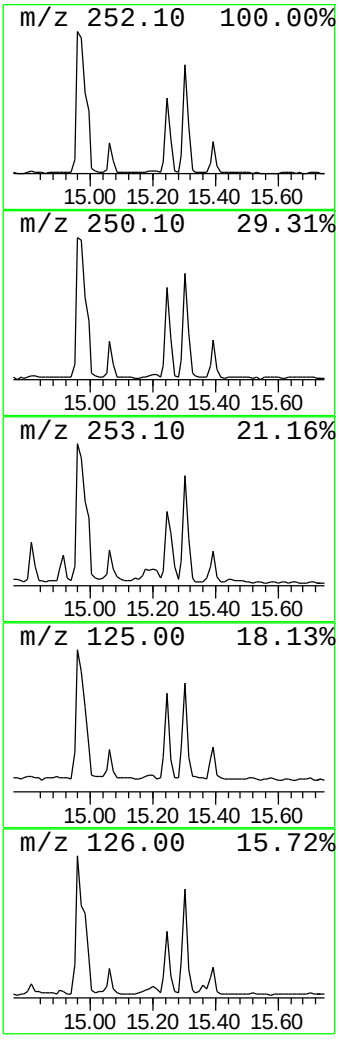
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	6.95 ng	177801	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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Misc :
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Instrument : BNA_F
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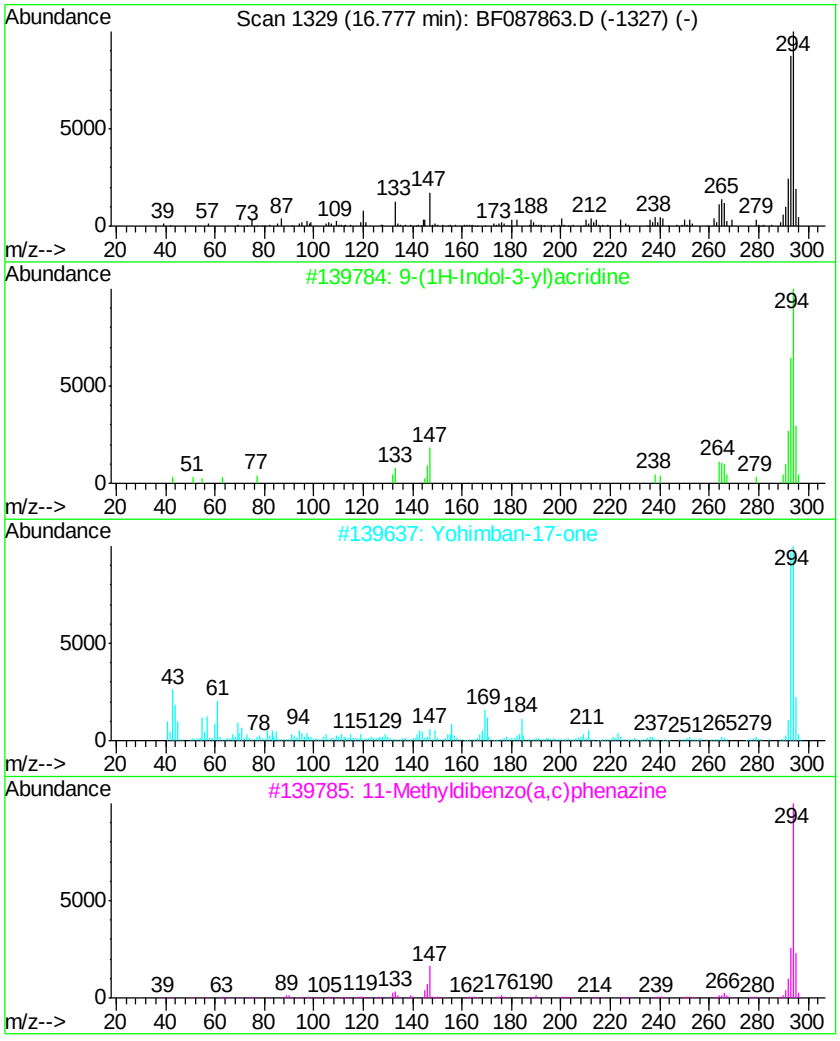
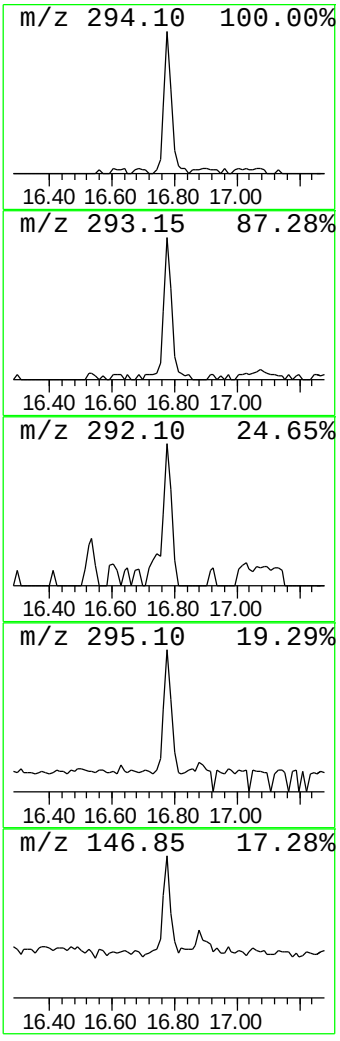
Peak Number 20 9-(1H-Indol-3-yl)acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	5.24 ng	134144	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(1H-Indol-3-yl)acridine	294	C21H14N2	1000326-84-0	90
2	Yohimban-17-one	294	C19H22N2O	000523-14-8	59
3	11-Methyldibenzo(a,c)phenazine	294	C21H14N2	004559-60-8	50
4	Vinburnine	294	C19H22N2O	004880-88-0	47
5	Benzo[b]naphtho[2,3-d]thiophene-...	294	C17H10O3S	031247-67-3	43





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.58	6.58	18.4	ng	613715	1	6.82	667205	20.0
Naphthalene, 2-et...	9.37	6.3	ng	347989	3	9.85	1095470	20.0
Naphthalene, 1,5-...	9.44	9.9	ng	543882	3	9.85	1095470	20.0
Naphthalene, 2,3-...	9.52	11.1	ng	610021	3	9.85	1095470	20.0
Naphthalene, 1,4-...	9.63	5.4	ng	294216	3	9.85	1095470	20.0
Naphthalene, 2,3,...	10.26	3.0	ng	161664	3	9.85	1095470	20.0
1,1'-Biphenyl, 2-...	10.48	12.8	ng	698739	3	9.85	1095470	20.0
[1,1'-Biphenyl]-4...	10.56	11.5	ng	630874	3	9.85	1095470	20.0
4H-Cyclopenta[def...	11.94	3.9	ng	1092940	4	11.34	5654820	20.0
Pyrene, 1-methyl-	12.98	3.0	ng	262613	5	13.95	1736200	20.0
11H-Benzo[b]fluorene	13.10	5.3	ng	457580	5	13.95	1736200	20.0
11H-Benzo[a]fluorene	13.15	5.1	ng	444068	5	13.95	1736200	20.0
Squalene	14.80	3.5	ng	88642	6	15.36	511744	20.0
Benzo[e]pyrene	15.25	7.0	ng	177801	6	15.36	511744	20.0
9-(1H-Indol-3-yl)...	16.78	5.2	ng	134144	6	15.36	511744	20.0