LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088018.D
Acq On : 15 Jun 2016 00:52
Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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	1.724	10	12	21	rVB	237756	376706	13.65%	0.935%
2	1.850	21	23	34	rVV	1183895	1873159	67.85%	4.647%
3	1.998	34	36	64	rVB	95031	365826	13.25%	0.908%
4	4.959	291	295	303	rVB	134266	227706	8.25%	0.565%
5	5.382	329	332	334	rVB	2210996	2307390	83.58%	5.725%
6	5.599	350	351	356	rVB	22560	40389	1.46%	0.100%
7	6.307	411	413	418	rVB3	23732	41139	1.49%	0.102%
8	6.433	420	424	426	rBV	1821385	2672835	96.82%	6.631%
9	6.559	432	435	437	rVB	1930324	2648063	95.92%	6.570%
10	6.616	437	440	443	rVB	114806	126164	4.57%	0.313%
11	6.787	453	455	457	rBV	488991	611349	22.14%	1.517%
12	6.936	466	468	471	rVB	1782407	2046322	74.12%	5.077%
13	7.348	501	504	506	rBV	1263255	1616901	58.57%	4.012%
14	7.462	513	514	517	rBV	29344	48893	1.77%	0.121%
15	7.828	542	546	548	rBV2	18360	41411	1.50%	0.103%
16	8.068	565	567	571	rBV2	846692	870531	31.53%	2.160%
17	8.502	603	605	607	rBV	65303	51362	1.86%	0.127%
18	8.605	612	614	616	rVB	46328	42571	1.54%	0.106%
19	8.673	616	620	622	rVB	43022	42213	1.53%	0.105%
20	8.788	626	630	631	rBV	80797	97002	3.51%	0.241%
21	8.879	636	638	640	rVB	94138	82419	2.99%	0.204%
22	9.153	659	662	664	rBV	2781828	2760717	100.00%	6.849%
23	9.233	667	669	672	rVV	60843	70519	2.55%	0.175%
24	9.416	681	685	687	rBV	38637	67359	2.44%	0.167%
25	9.485	687	691	692	rBV	114290	125352	4.54%	0.311%
26	9.542	694	696	698	rVV	489112	562058	20.36%	1.394%
27	9.599	698	701	706	rVB2	52118	82363	2.98%	0.204%
28	9.679	706	708	711	rVB	126506	149292	5.41%	0.370%
29	9.759	714	715	717	rVB	65983	82242	2.98%	0.204%
30	9.828	717	721	722	rBV	729522	809483	29.32%	2.008%
31	9.976	732	734	737	rBV3	22145	51430	1.86%	0.128%
32	10.022	737	738	740	rVV	75886	86393	3.13%	0.214%
33	10.068	740	742	746	rVV2	47496	75062	2.72%	0.186%
34	10.136	746	748	750	rVV2	38717	56534	2.05%	0.140%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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

35	10.228	754	756	758	rBV2	56847	90650	3.28%	0.225%
36	10.262	758	759	761	rVB2	126568	103582	3.75%	0.257%
37	10.365	767	768	772	rVB2	90362	102969	3.73%	0.255%
38	10.479	775	778	781	rBV2	59218	88110	3.19%	0.219%
39	10.525	781	782	784	rVB2	47130	48888	1.77%	0.121%
40	10.616	787	790	792	rBV	1216106	1373123	49.74%	3.407%
41	10.731	798	800	804	rBV3	126166	239747	8.68%	0.595%
42	10.925	814	817	822	rVB5	30532	74646	2.70%	0.185%
43	11.051	825	828	832	rBV3	37484	97899	3.55%	0.243%
44	11.108	832	833	835	rVB2	36588	41332	1.50%	0.103%
45	11.188	835	840	844	rVB4	66956	211428	7.66%	0.525%
46	11.302	848	850	854	rBV2	628203	1065752	38.60%	2.644%
47	11.382	854	857	858	rVB	179072	176109	6.38%	0.437%
48	11.485	862	866	868	rVB3	37627	55268	2.00%	0.137%
49	11.542	868	871	875	rBV4	56248	152742	5.53%	0.379%
50	11.611	875	877	878	rVB	60192	56181	2.04%	0.139%
51	11.805	892	894	895	rBV	116886	104131	3.77%	0.258%
52	11.839	895	897	899	rVB	128246	171878	6.23%	0.426%
53	11.885	899	901	902	rBV2	48243	62217	2.25%	0.154%
54	11.919	902	904	908	rVB2	180738	312757	11.33%	0.776%
55	12.011	908	912	916	rBV3	71680	171006	6.19%	0.424%
56	12.102	916	920	921	rBV	103497	109351	3.96%	0.271%
57	12.251	930	933	934	rBV	63334	78145	2.83%	0.194%
58	12.285	934	936	937	rVV	53339	63582	2.30%	0.158%
59	12.354	939	942	944	rBV	155785	218292	7.91%	0.542%
60	12.411	944	947	948	rVB3	79045	149651	5.42%	0.371%
61	12.445	948	950	954	rVB2	84381	123068	4.46%	0.305%
62	12.514	954	956	959	rBV	998334	991665	35.92%	2.460%
63	12.582	959	962	963	rBV3	34849	72323	2.62%	0.179%
64	12.605	963	964	966	rVB	77356	84647	3.07%	0.210%
65	12.662	966	969	970	rBV2	44663	103375	3.74%	0.256%
66	12.742	973	976	980	rBV	996085	1207899	43.75%	2.997%
67	12.891	987	989	992	rVB	1720215	2068601	74.93%	5.132%
68	12.959	992	995	997	rBV2	124181	207887	7.53%	0.516%
69	13.074	1001	1005	1007	rVB2	208539	348552	12.63%	0.865%
70	13.142	1007	1011	1012	rBV2	107088	172215	6.24%	0.427%
71	13.177	1012	1014	1015	rBV	204046	214906	7.78%	0.533%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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

72	13.268	1020	1022	1023	rVB	127408	109224	3.96%	0.271%
73	13.302	1023	1025	1027	rBV2	71846	108944	3.95%	0.270%
74	13.382	1030	1032	1034	rVB3	22803	40635	1.47%	0.101%
75	13.474	1036	1040	1043	rBV5	86360	183713	6.65%	0.456%
76	13.577	1045	1049	1052	rBV	175263	212447	7.70%	0.527%
77	13.691	1056	1059	1060	rBV2	141757	213852	7.75%	0.531%
78	13.782	1066	1067	1072	rVB3	117917	214180	7.76%	0.531%
79	13.942	1077	1081	1086	rBV3	969866	2250420	81.52%	5.583%
80	14.045	1086	1090	1091	rBV2	78691	102650	3.72%	0.255%
81	14.080	1091	1093	1094	rVV2	59467	83885	3.04%	0.208%
82	14.160	1098	1100	1102	rVB2	36151	71344	2.58%	0.177%
83	14.331	1110	1115	1116	rBV	139858	249954	9.05%	0.620%
84	14.365	1116	1118	1119	rVV2	90645	108326	3.92%	0.269%
85	14.422	1119	1123	1124	rVV4	77698	132068	4.78%	0.328%
86	14.445	1124	1125	1129	rVB3	72307	154075	5.58%	0.382%
87	14.628	1139	1141	1142	rBV	53898	68893	2.50%	0.171%
88	14.731	1146	1150	1152	rVV4	44710	119654	4.33%	0.297%
89	14.788	1153	1155	1160	rVV3	53187	115081	4.17%	0.286%
90	14.960	1167	1170	1174	rBV	484077	1052071	38.11%	2.610%
91	15.051	1174	1178	1180	rBV2	124740	166478	6.03%	0.413%
92	15.234	1192	1194	1197	rVB	295660	370567	13.42%	0.919%
93	15.291	1197	1199	1202	rBV	380844	437682	15.85%	1.086%
94	15.348	1202	1204	1210	rBV2	404865	724775	26.25%	1.798%
95	15.794	1241	1243	1246	rVB	31233	41632	1.51%	0.103%
96	16.708	1319	1323	1328	rVB2	132269	273355	9.90%	0.678%
97	16.926	1339	1342	1344	rBV2	26449	48119	1.74%	0.119%
98	17.108	1355	1358	1363	rVB	100998	207892	7.53%	0.516%
99	17.326	1375	1377	1384	rVB2	28440	84360	3.06%	0.209%
100	18.183	1449	1452	1460	rVB4	37828	135751	4.92%	0.337%

Sum of corrected areas: 40305756

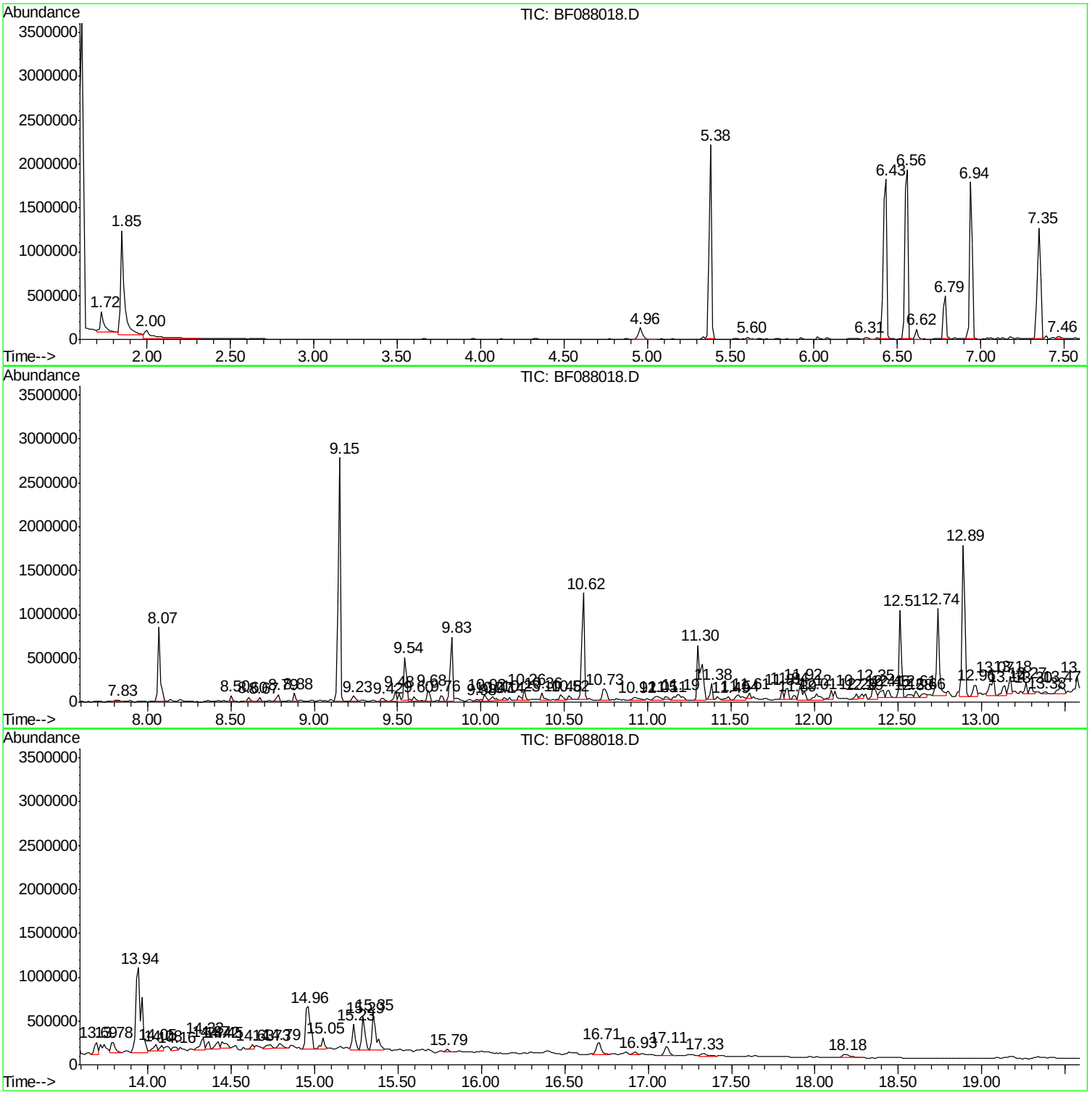
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088018.D
Acq On : 15 Jun 2016 00:52
Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)

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\BF061416\
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Sample : H3471-01
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Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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

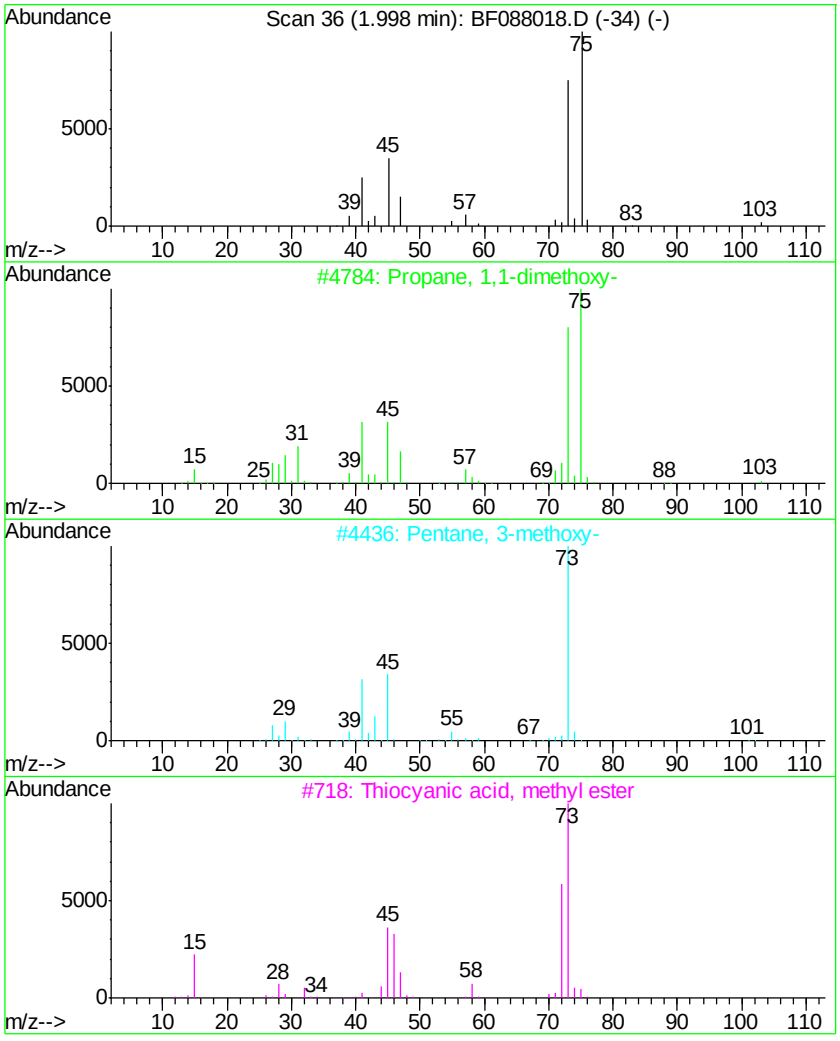
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

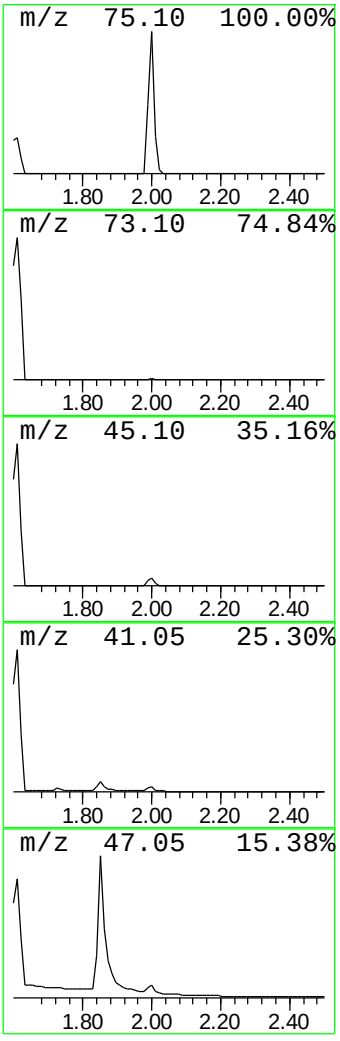
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	11.97 ng	365826	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	12
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
5	Glycine	75	C2H5NO2	000056-40-6	9





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Data File : BF088018.D
Acq On : 15 Jun 2016 00:52
Operator : UM/SJ
Sample : H3471-01
Misc :
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Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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

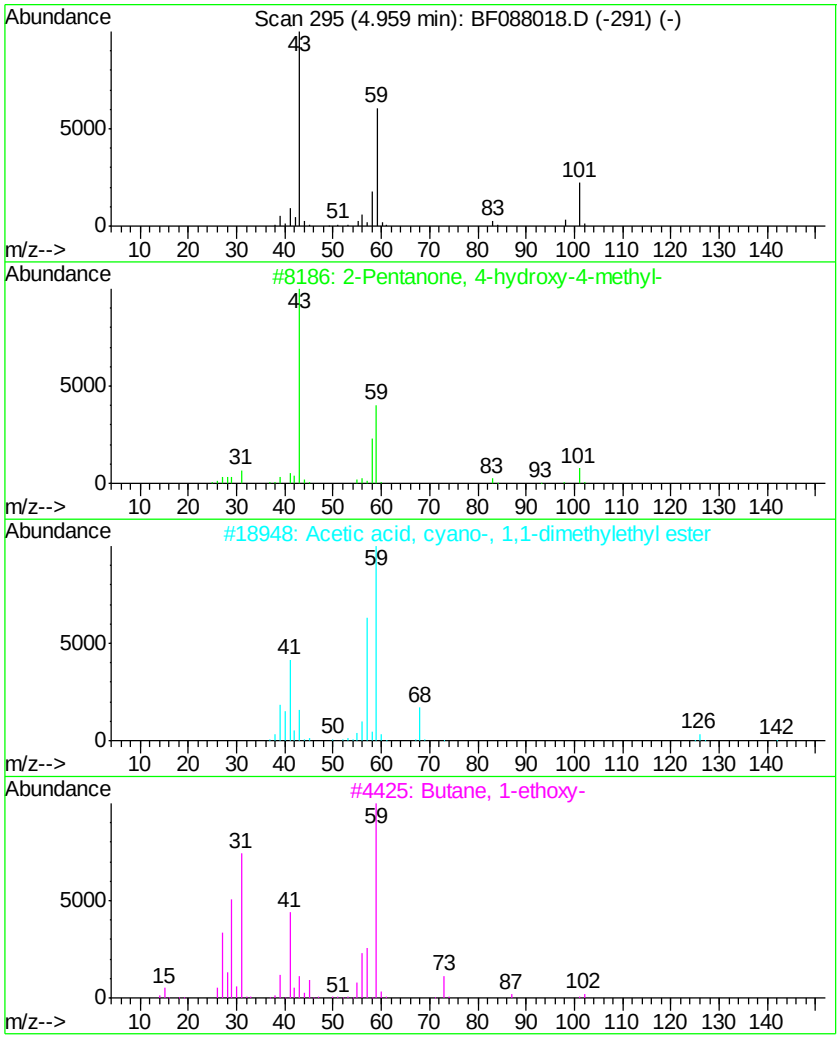
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

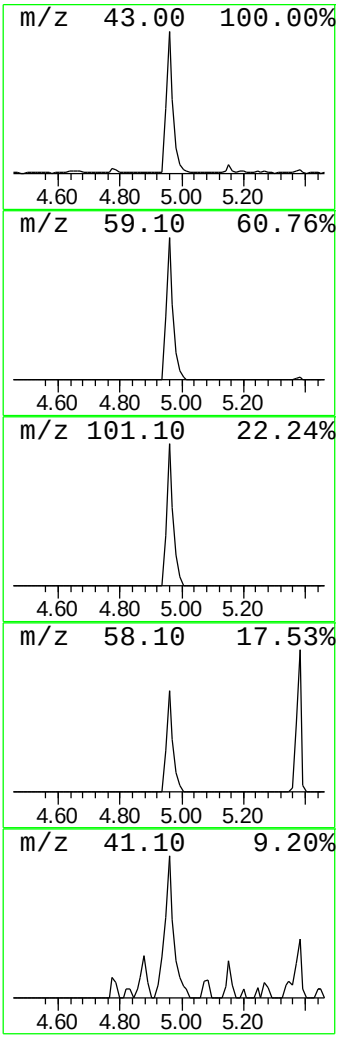
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	7.45 ng	227706	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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

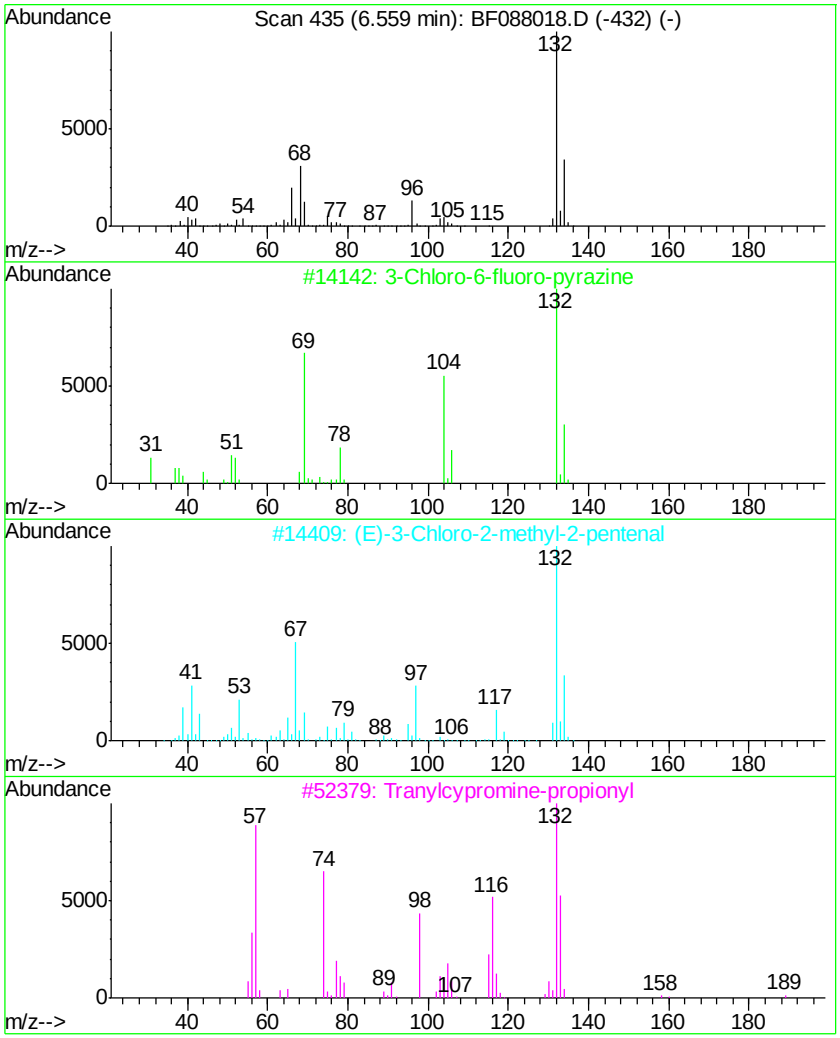
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

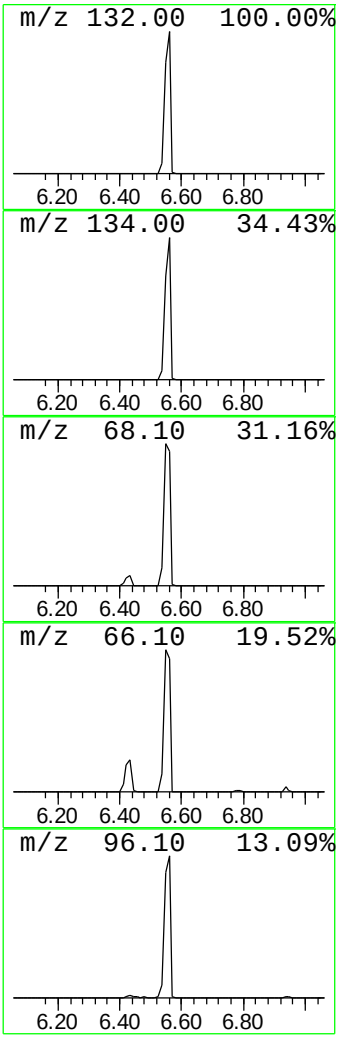
****

Peak Number 5 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	86.63 ng	2648060	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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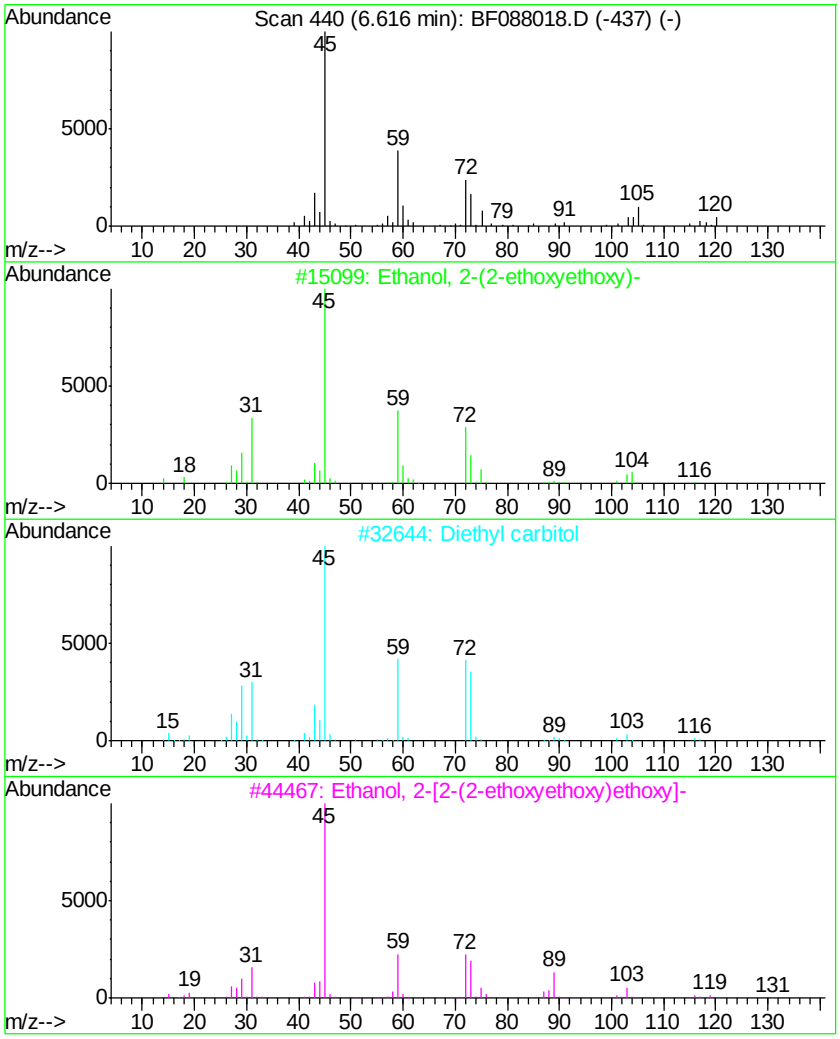
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

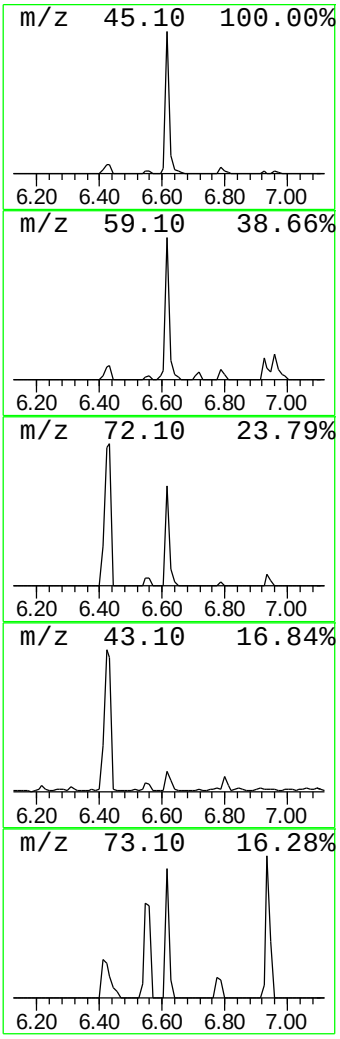
****

Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	4.13 ng	126164	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





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Data File : BF088018.D
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Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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

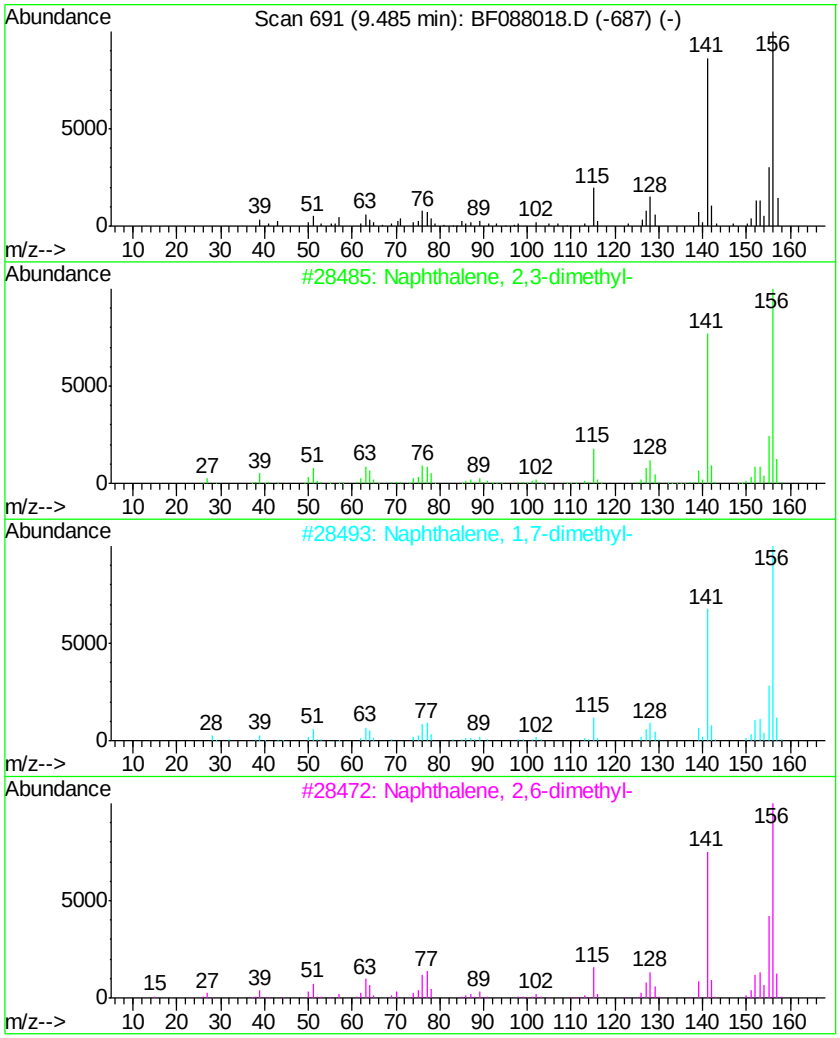
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

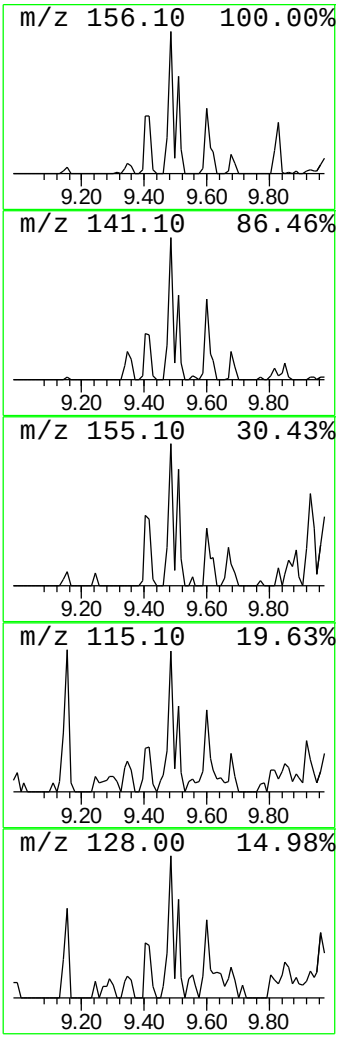
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.10 ng	125352	Acenaphthene-d10	9.83

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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088018.D
Acq On : 15 Jun 2016 00:52
Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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

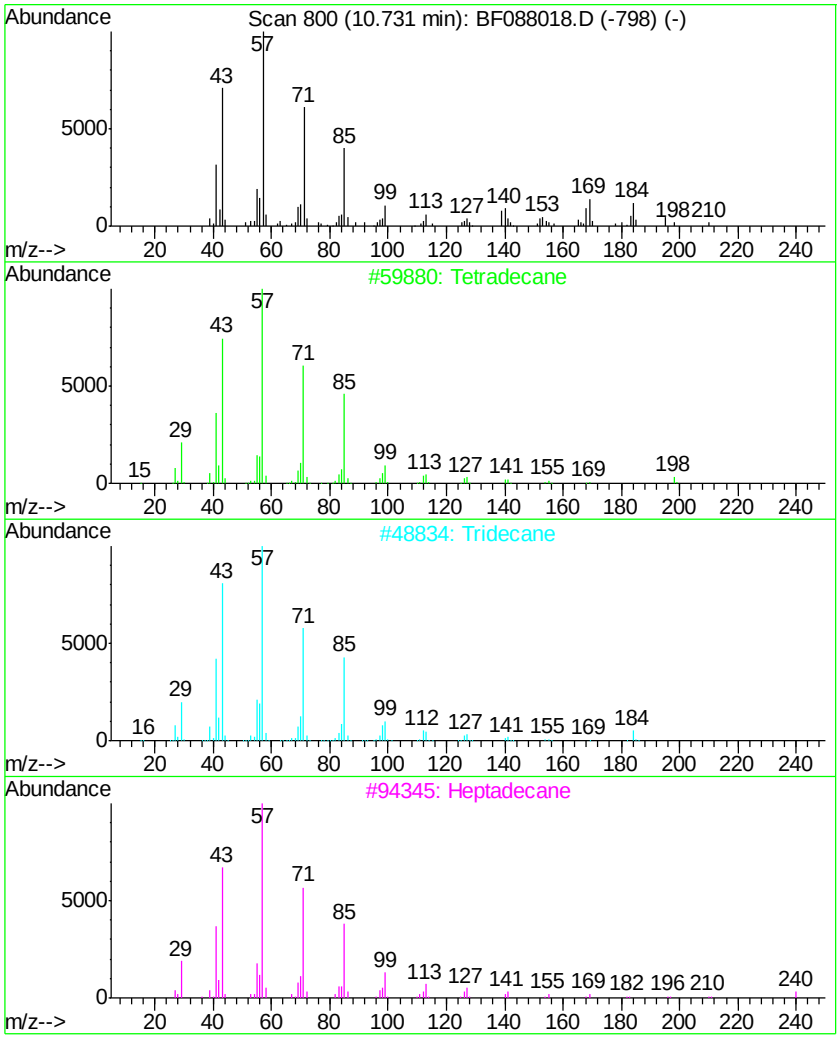
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

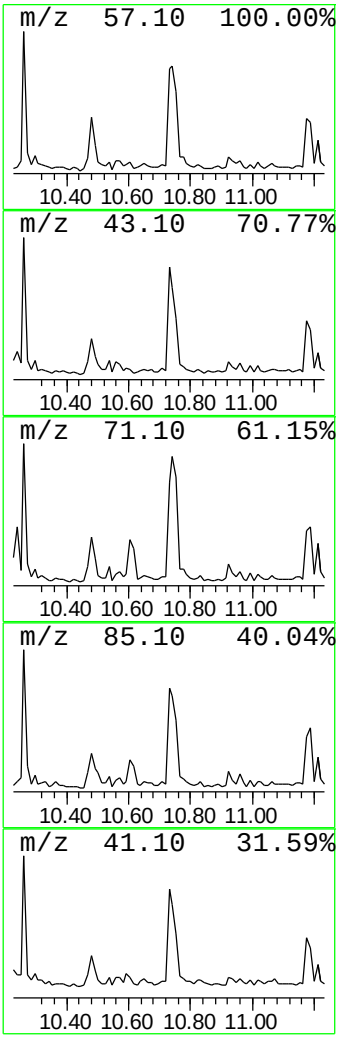
****

Peak Number 9 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	4.50 ng	239747	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	74
3	Heptadecane	240	C17H36	000629-78-7	68
4	Pentadecane	212	C15H32	000629-62-9	64
5	Eicosane	282	C20H42	000112-95-8	64





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Acq On : 15 Jun 2016 00:52
Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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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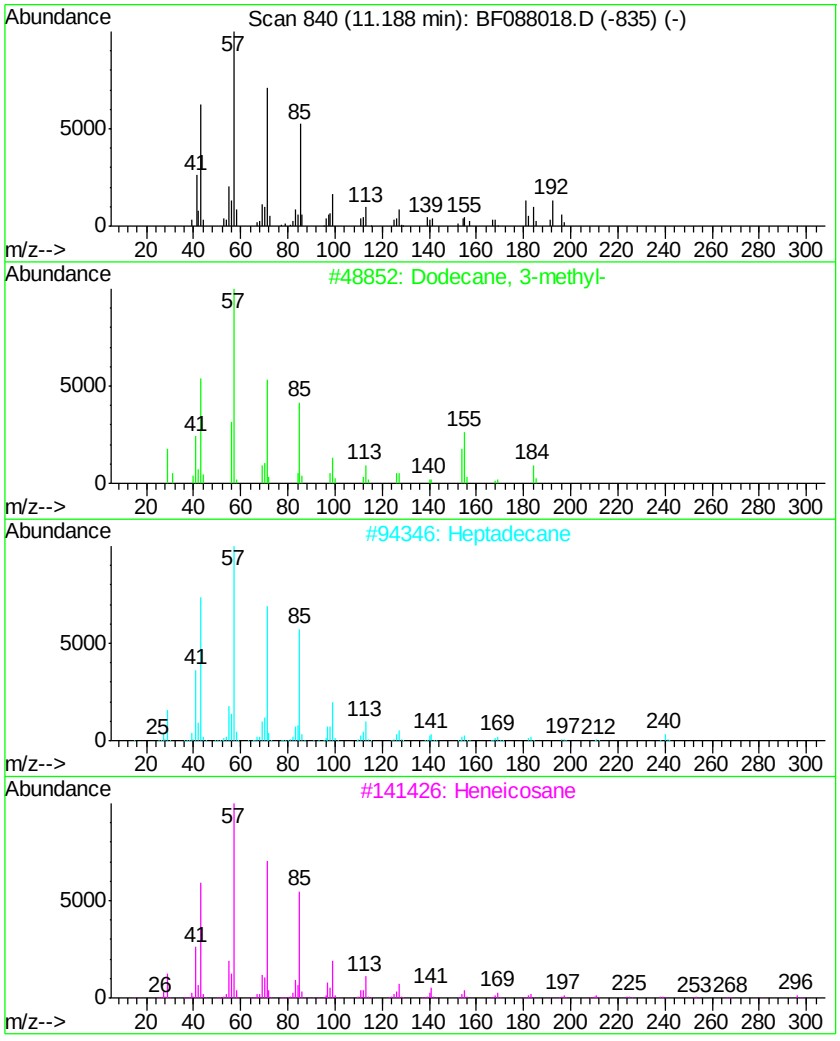
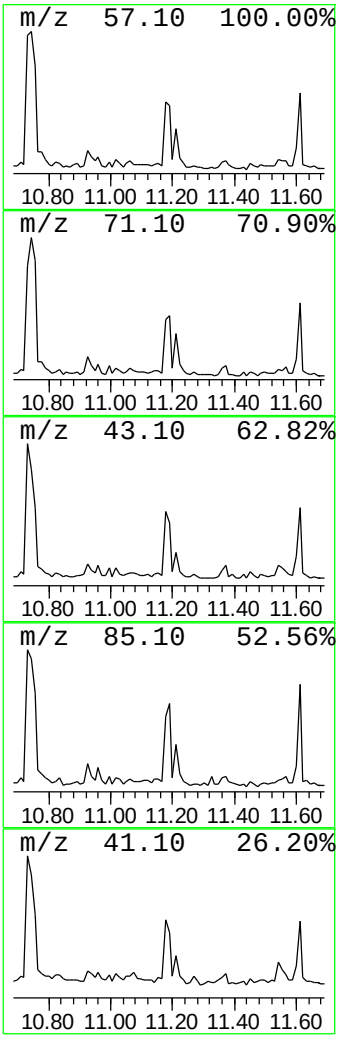
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.97 ng	211428	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	90
2	Heptadecane	240	C17H36	000629-78-7	76
3	Heneicosane	296	C21H44	000629-94-7	76
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	64





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Misc :
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ClientSampleId : STA-1000-(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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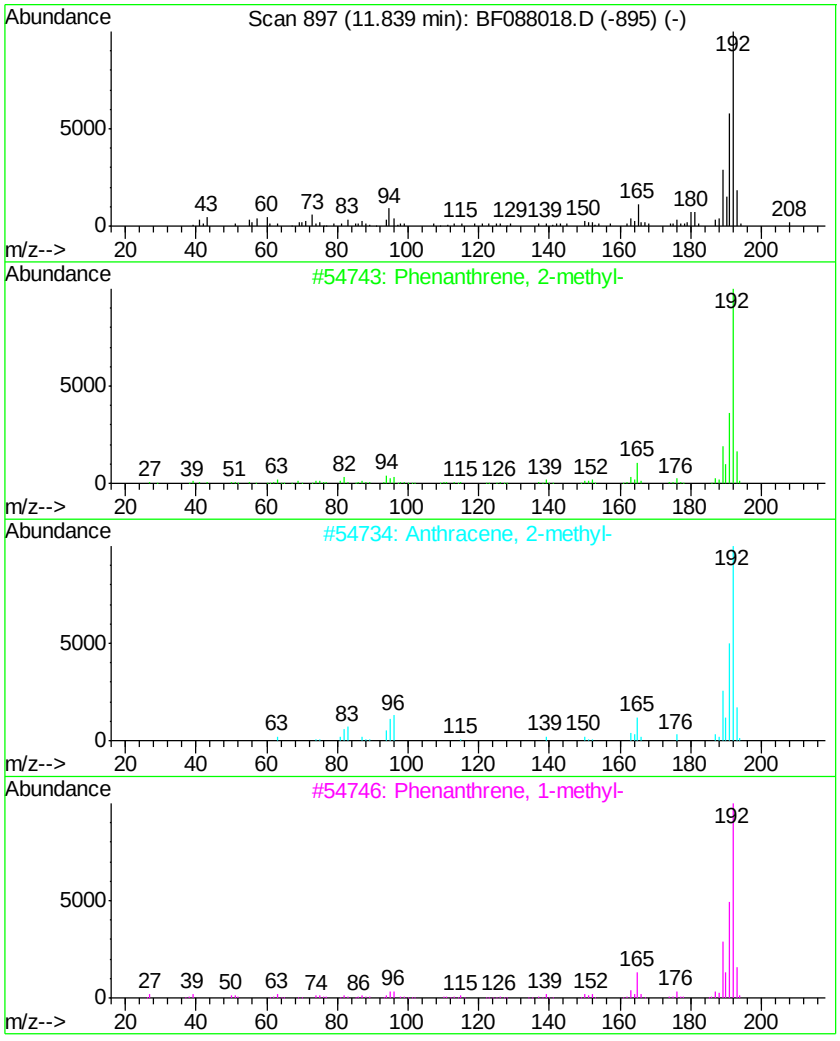
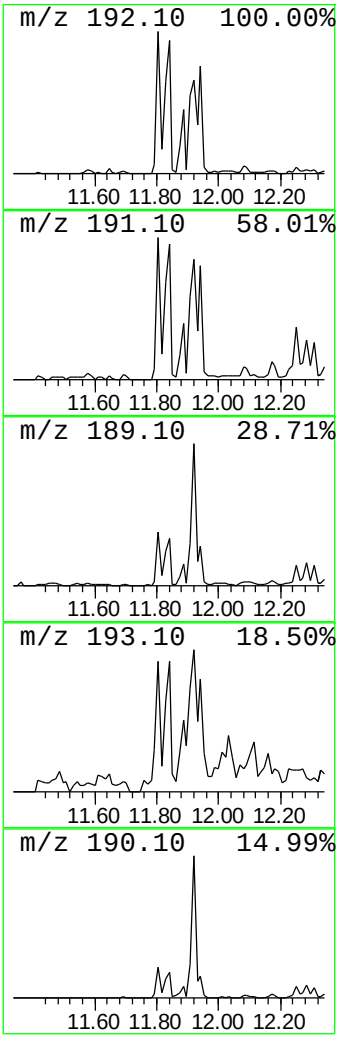
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.23 ng	171878	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : H3471-01
Misc :
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Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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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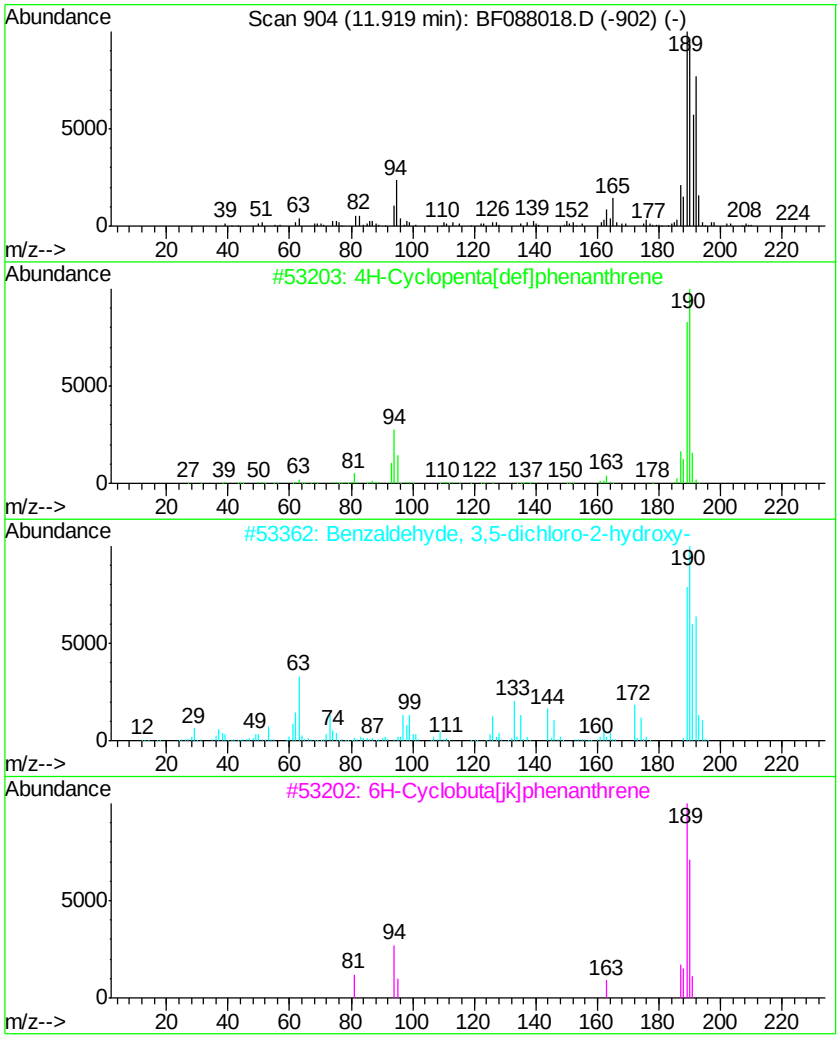
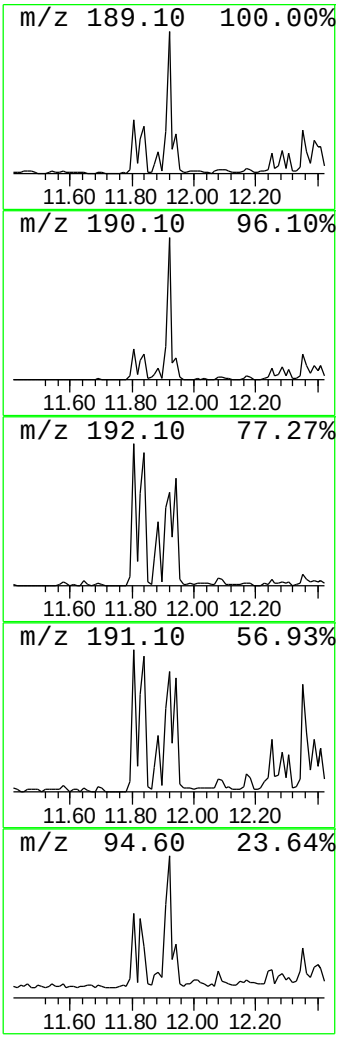
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.87 ng	312757	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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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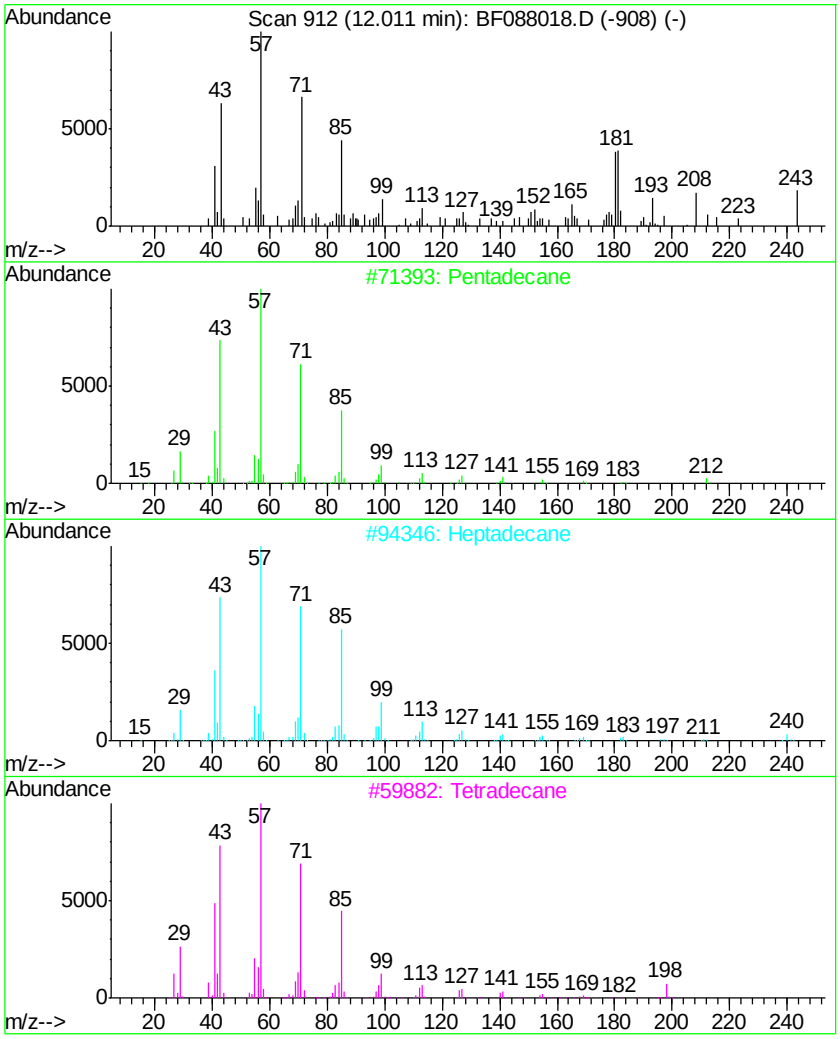
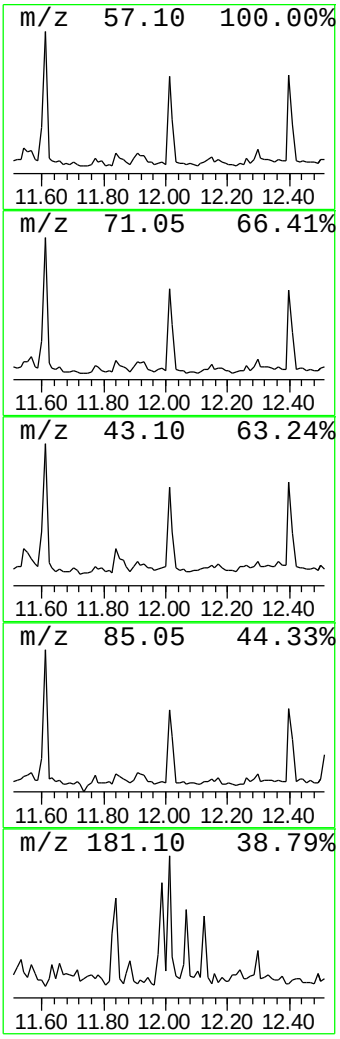
Peak Number 13 unknown12.01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.21 ng	171006	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	46
2	Heptadecane	240	C17H36	000629-78-7	38
3	Tetradecane	198	C14H30	000629-59-4	38
4	Hexadecane	226	C16H34	000544-76-3	38
5	Heneicosane	296	C21H44	000629-94-7	38





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Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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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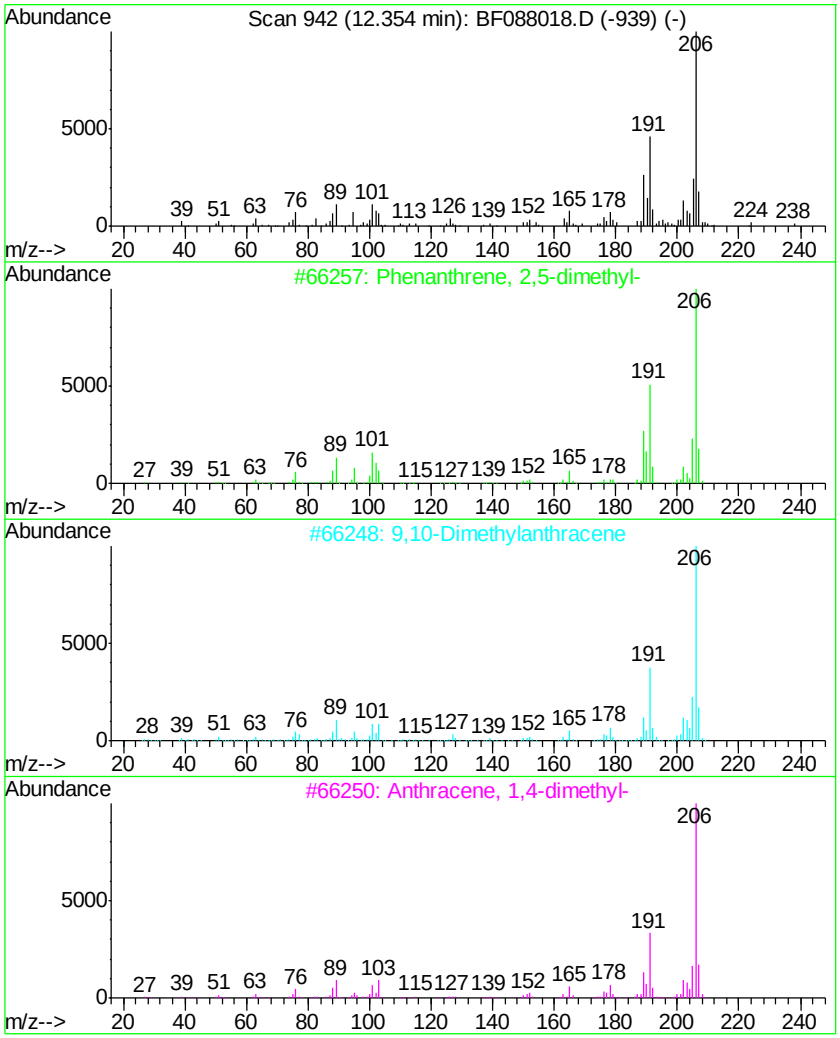
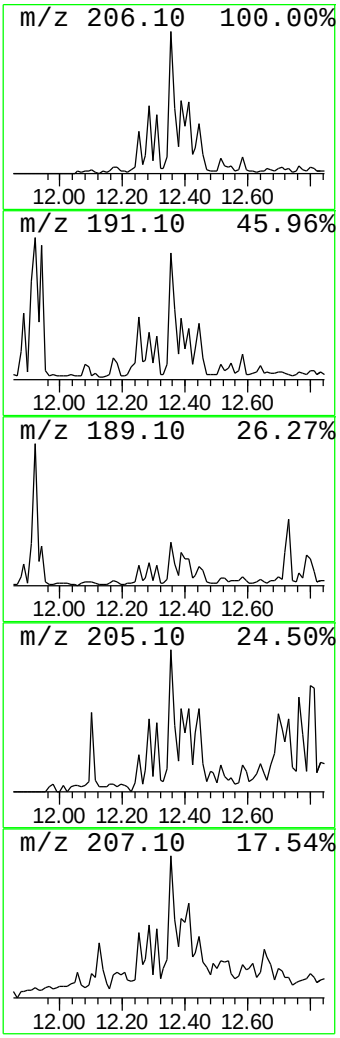
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.10 ng	218292	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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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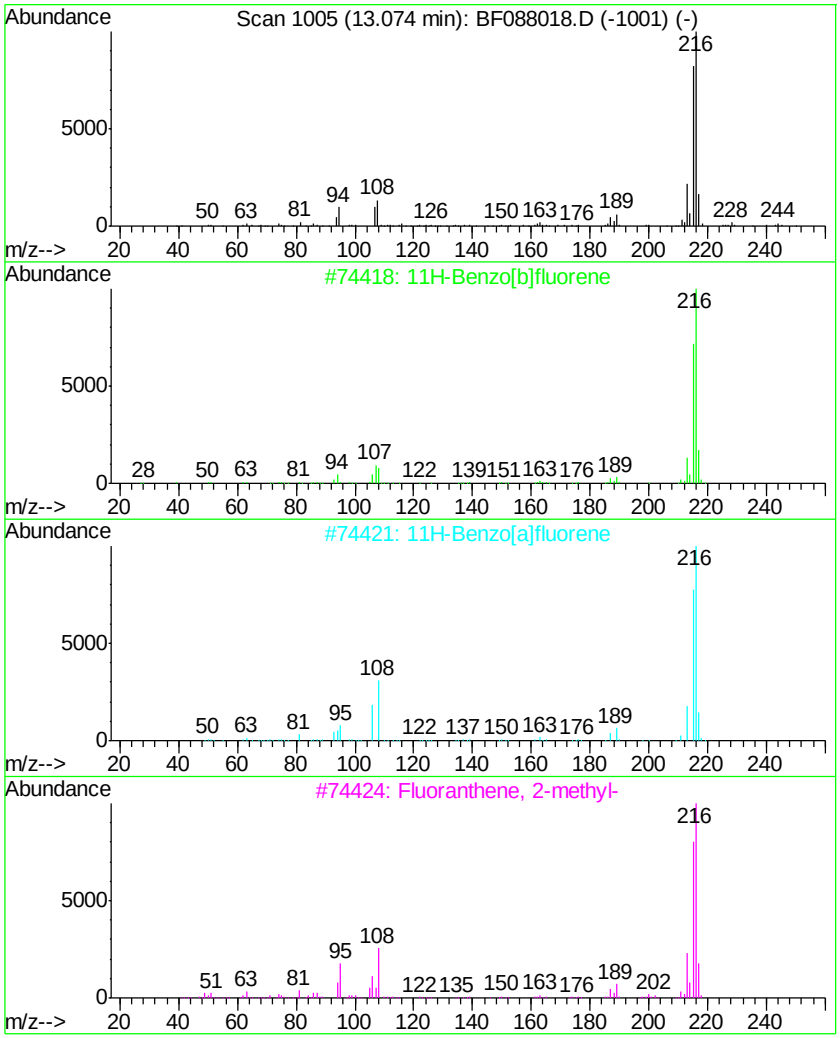
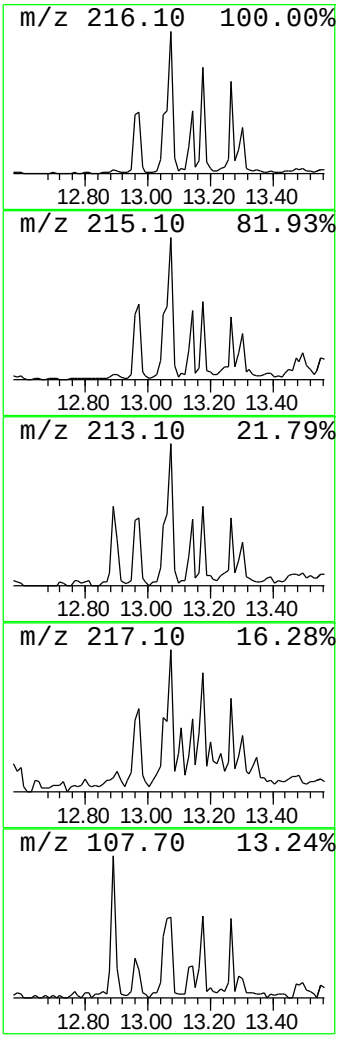
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.10 ng	348552	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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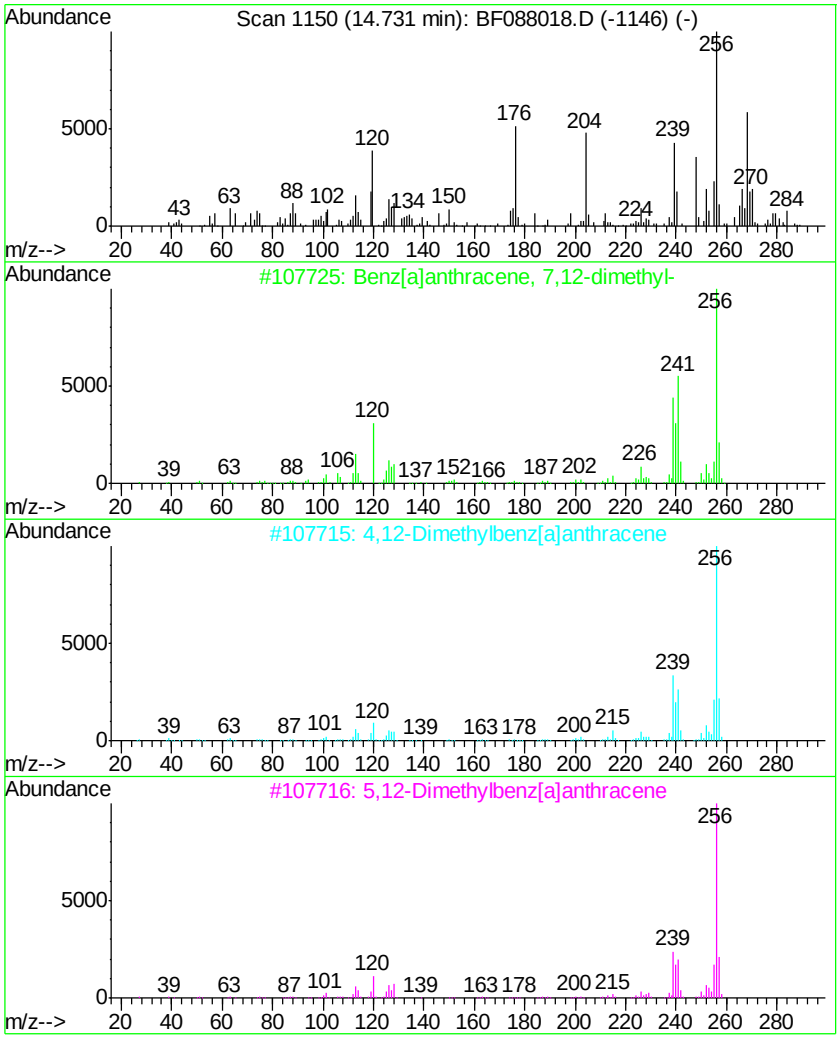
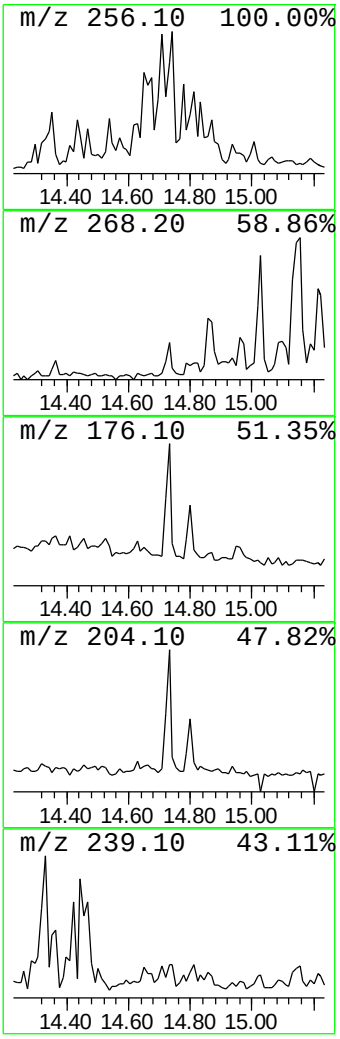
Peak Number 16 Benz[a]anthracene, 7,12-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.30 ng	119654	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	59
2	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	51
3	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	35
4	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	25
5	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	22





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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
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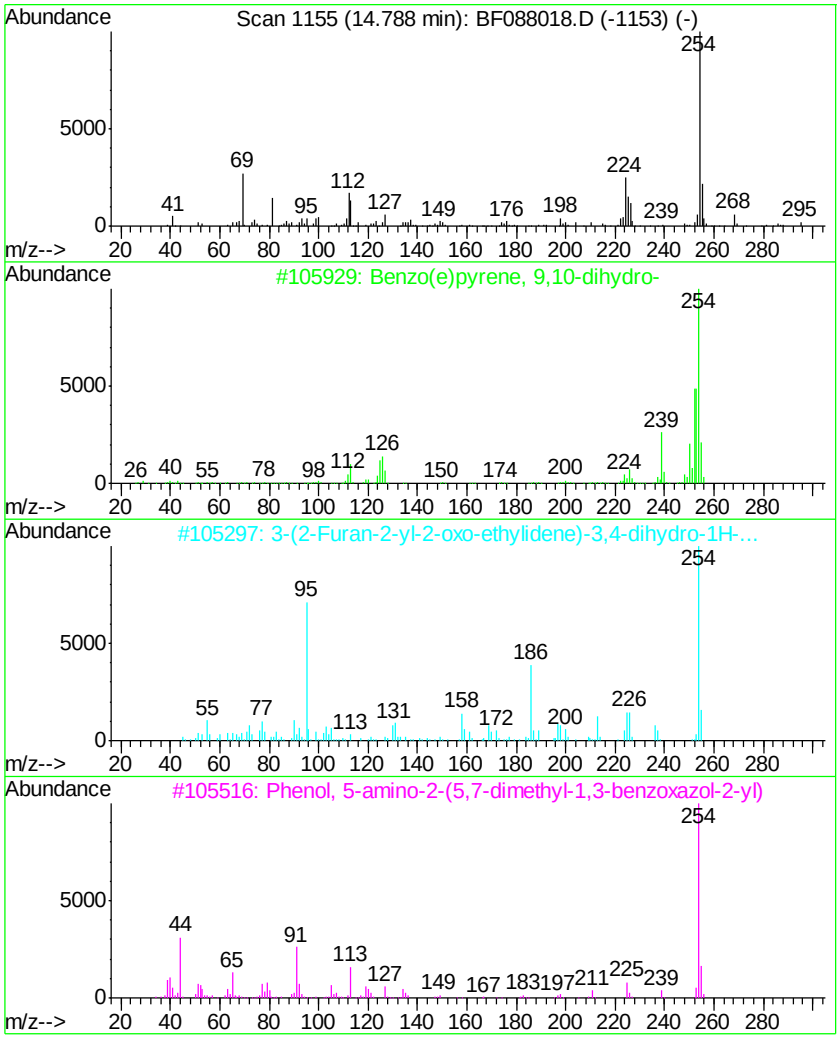
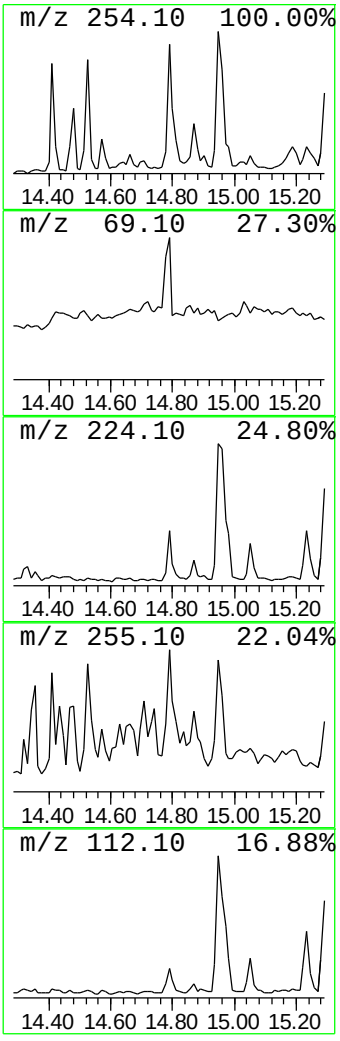
Peak Number 17 Benzo(e)pyrene, 9,10-dihydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.18 ng	115081	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	59
2	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	53
3	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	53
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	50
5	1-Propene, 1,2-bis(4-methoxyphen...	254	C17H18O2	020802-02-2	47





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Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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
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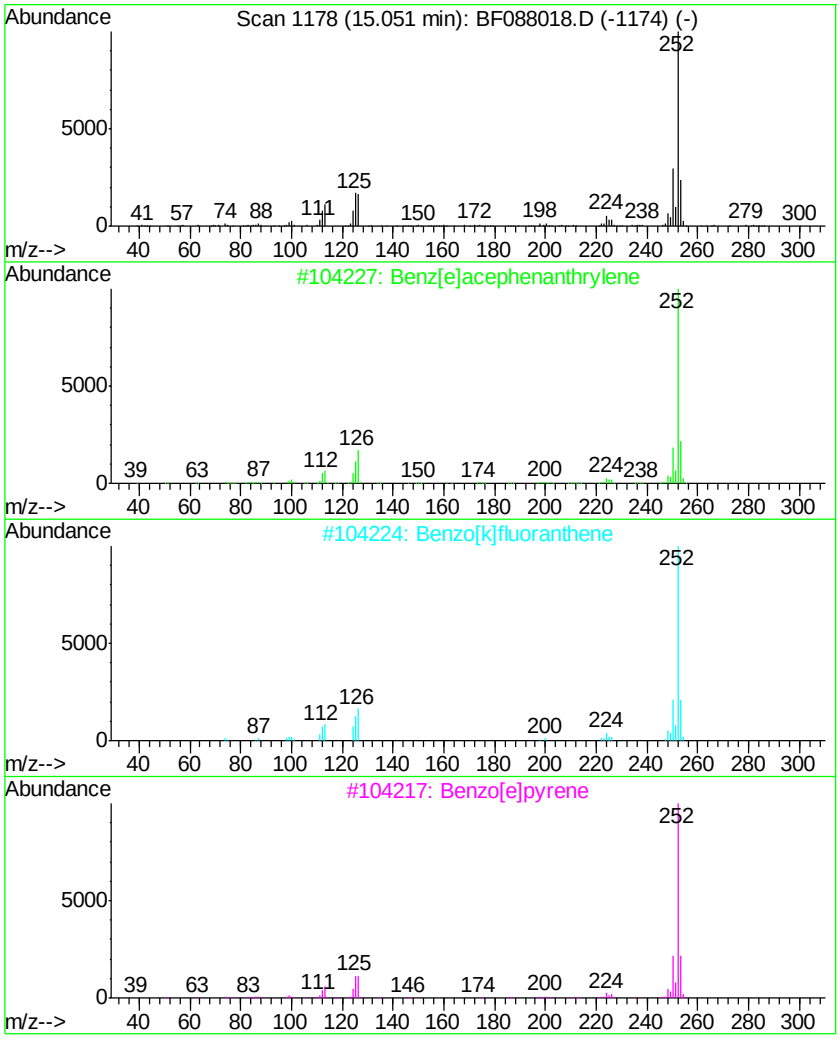
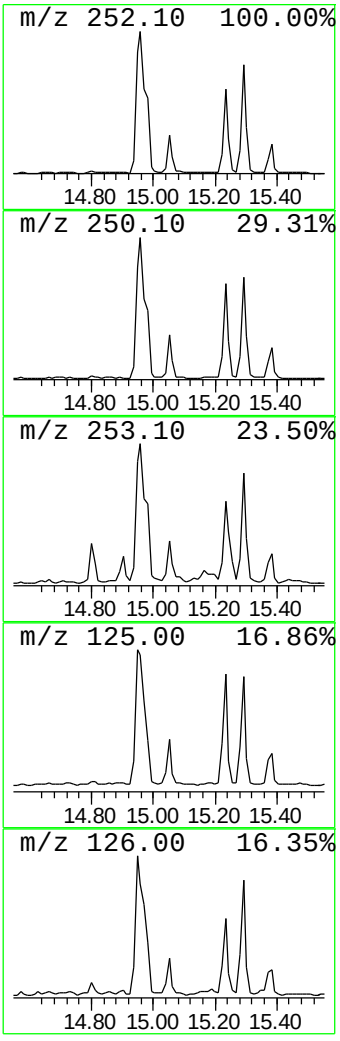
Peak Number 18 Benz[e]acephenanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	4.59 ng	166478	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Perylene	252	C20H12	000198-55-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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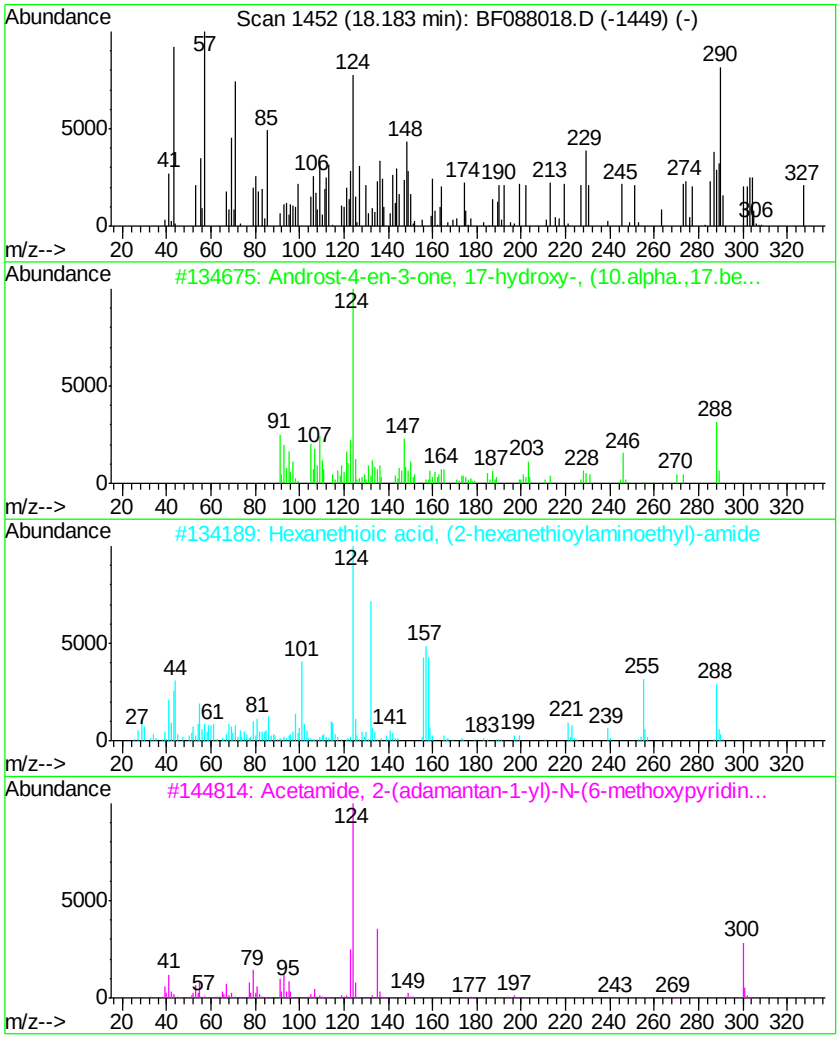
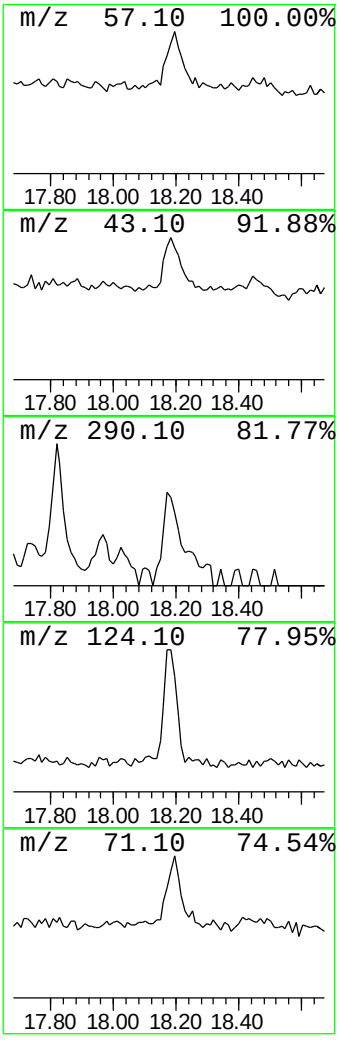
Peak Number 20 unknown18.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.75 ng	135751	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	47
2	Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	20
3	Acetamide, 2-(adamantan-1-yl)-N-...	300	C18H24N2O2	1000316-15-5	18
4	Testosterone	288	C19H28O2	000058-22-0	14
5	Benzoylecgonine	289	C16H19NO4	000519-09-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088018.D
Acq On : 15 Jun 2016 00:52
Operator : UM/SJ
Sample : H3471-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.00	12.0	ng	365826	1	6.79	611349	20.0
2-Pentanone, 4-hy...	4.96	7.5	ng	227706	1	6.79	611349	20.0
unknown6.56	6.56	86.6	ng	2648060	1	6.79	611349	20.0
Ethanol, 2-(2-eth...	6.62	4.1	ng	126164	1	6.79	611349	20.0
Naphthalene, 2,3-...	9.48	3.1	ng	125352	3	9.83	809483	20.0
Tetradecane	10.73	4.5	ng	239747	4	11.30	1065750	20.0
Dodecane, 3-methyl-	11.19	4.0	ng	211428	4	11.30	1065750	20.0
Phenanthrene, 2-m...	11.84	3.2	ng	171878	4	11.30	1065750	20.0
4H-Cyclopenta[def...	11.92	5.9	ng	312757	4	11.30	1065750	20.0
unknown12.01	12.01	3.2	ng	171006	4	11.30	1065750	20.0
Phenanthrene, 2,5...	12.35	4.1	ng	218292	4	11.30	1065750	20.0
11H-Benzo[b]fluorene	13.07	3.1	ng	348552	5	13.94	2250420	20.0
Benz[a]anthracene...	14.73	3.3	ng	119654	6	15.35	724775	20.0
Benzo(e)pyrene, 9...	14.79	3.2	ng	115081	6	15.35	724775	20.0
Benz[e]acephenant...	15.05	4.6	ng	166478	6	15.35	724775	20.0
unknown18.18	18.18	3.8	ng	135751	6	15.35	724775	20.0