LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088079.D
Acq On : 16 Jun 2016 16:53
Operator : UM/SJ
Sample : H3570-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

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	1.690	8	9	17	rVB	87928	163124	3.82%	0.950%
2	1.804	17	19	57	rVB	1903906	4267331	100.00%	24.839%
3	4.856	284	286	294	rBV3	34858	47051	1.10%	0.274%
4	5.301	322	325	327	rBV	484853	672471	15.76%	3.914%
5	6.353	415	417	423	rBV	865463	750101	17.58%	4.366%
6	6.479	426	428	431	rBV	813987	737710	17.29%	4.294%
7	6.719	446	449	451	rBV	651500	600529	14.07%	3.496%
8	6.867	460	462	465	rVB	579930	562489	13.18%	3.274%
9	7.279	496	498	501	rBV	513340	449012	10.52%	2.614%
10	7.999	559	561	564	rBV	725211	756901	17.74%	4.406%
11	9.085	653	656	658	rBV	715030	979610	22.96%	5.702%
12	9.473	688	690	692	rBV	336839	332166	7.78%	1.933%
13	9.748	712	714	717	rBV	762662	847523	19.86%	4.933%
14	10.193	751	753	755	rVB	55597	43055	1.01%	0.251%
15	10.536	781	783	786	rBV	1070831	1000399	23.44%	5.823%
16	10.662	792	794	799	rBV	71050	75924	1.78%	0.442%
17	11.234	842	844	846	rBV	886138	876720	20.54%	5.103%
18	12.434	947	949	952	rBV3	73129	92167	2.16%	0.536%
19	12.662	967	969	973	rVB	128659	138820	3.25%	0.808%
20	12.811	980	982	985	rVB	1396207	1476232	34.59%	8.593%
21	12.994	995	998	1000	rBV	25793	43210	1.01%	0.252%
22	13.725	1060	1062	1065	rBV	58251	104395	2.45%	0.608%
23	13.862	1071	1074	1076	rBV	654772	812355	19.04%	4.729%
24	14.251	1104	1108	1110	rBV2	28606	44293	1.04%	0.258%
25	14.868	1160	1162	1166	rBV	107523	202315	4.74%	1.178%
26	14.982	1169	1172	1177	rVB2	47089	90359	2.12%	0.526%
27	15.142	1183	1186	1189	rVB	60952	89130	2.09%	0.519%
28	15.200	1189	1191	1193	rBV	88152	122144	2.86%	0.711%
29	15.245	1193	1195	1198	rBV	487957	622835	14.60%	3.625%
30	16.571	1308	1311	1315	rBV	48551	100403	2.35%	0.584%
31	16.971	1343	1346	1351	rVB	37080	78896	1.85%	0.459%

Sum of corrected areas: 17179670

LSC Report - Integrated Chromatogram

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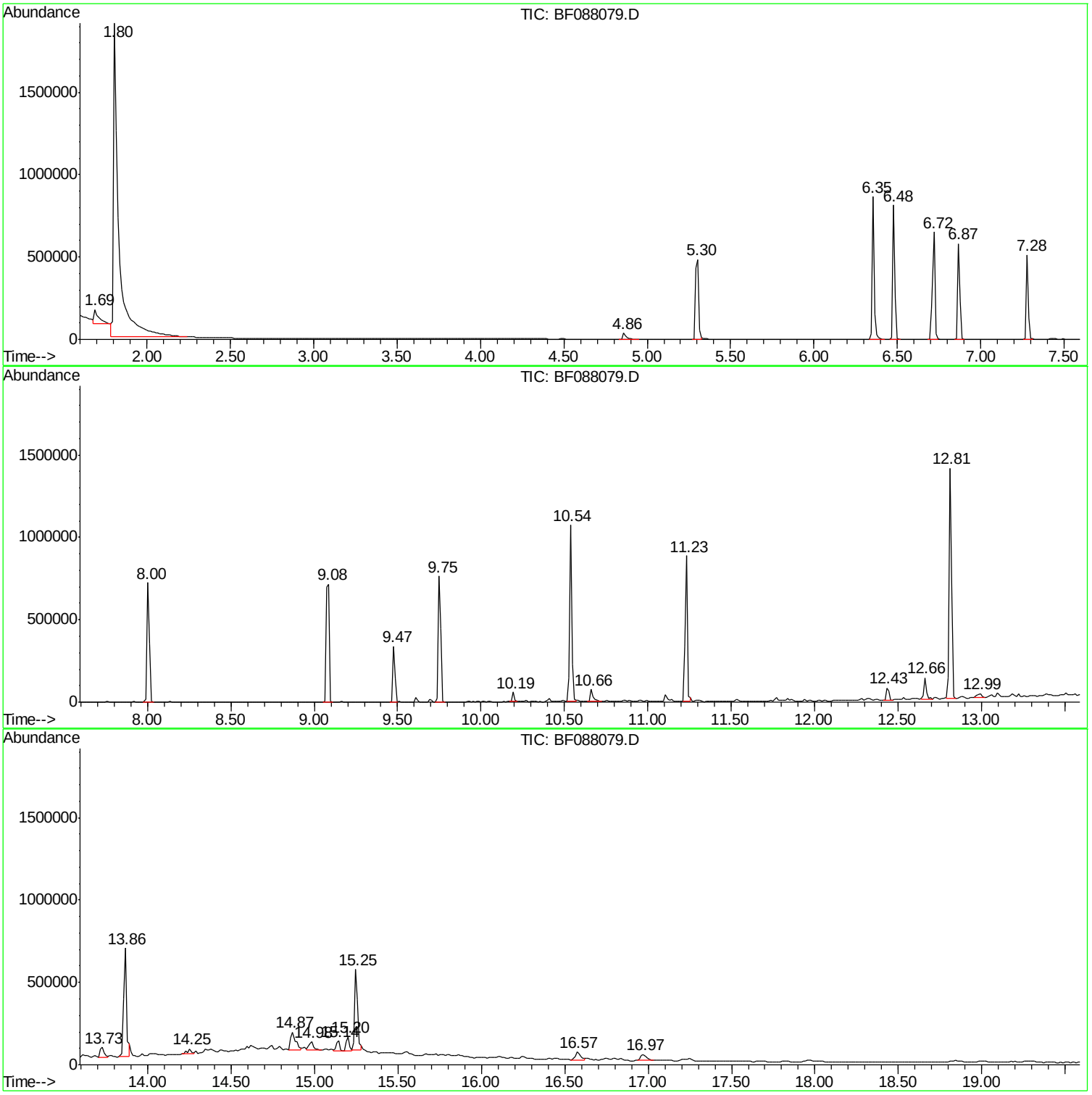
Operator : UM/SJ
Sample : H3570-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

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

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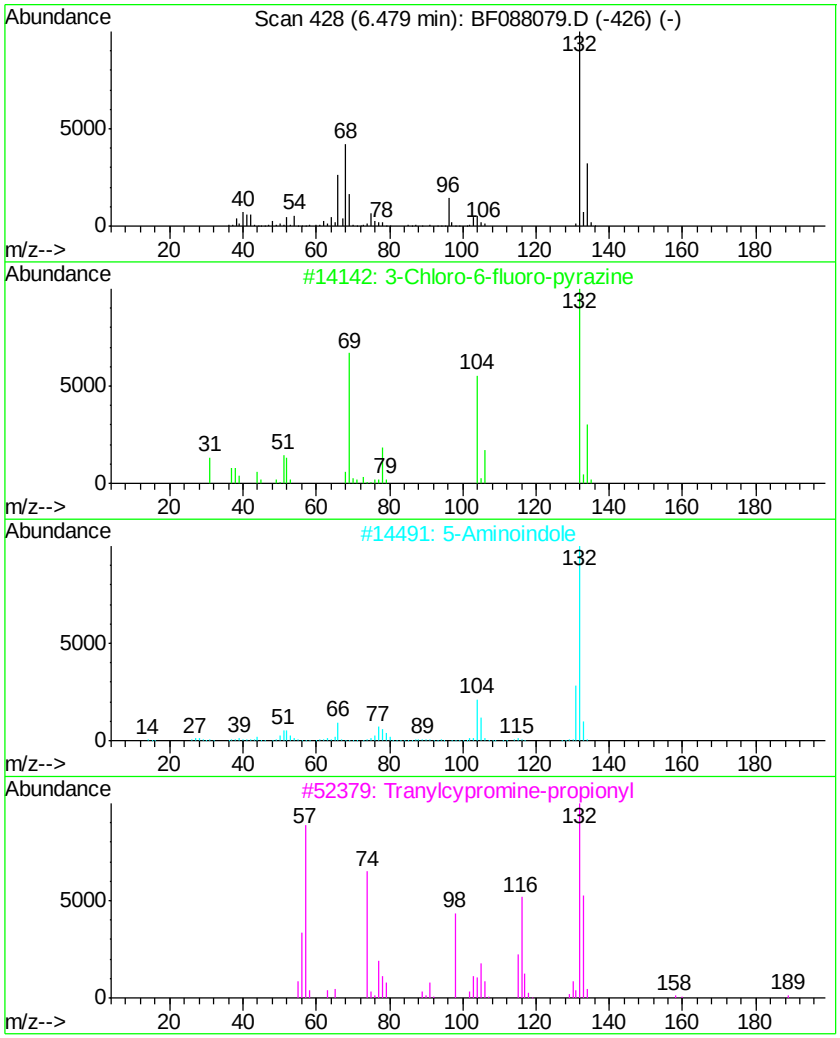
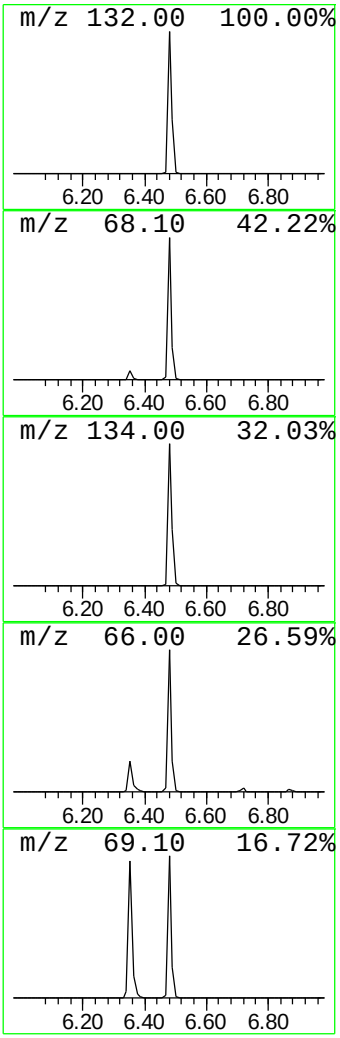
Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	24.57 ng	737710	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088079.D
Acq On : 16 Jun 2016 16:53
Operator : UM/SJ
Sample : H3570-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

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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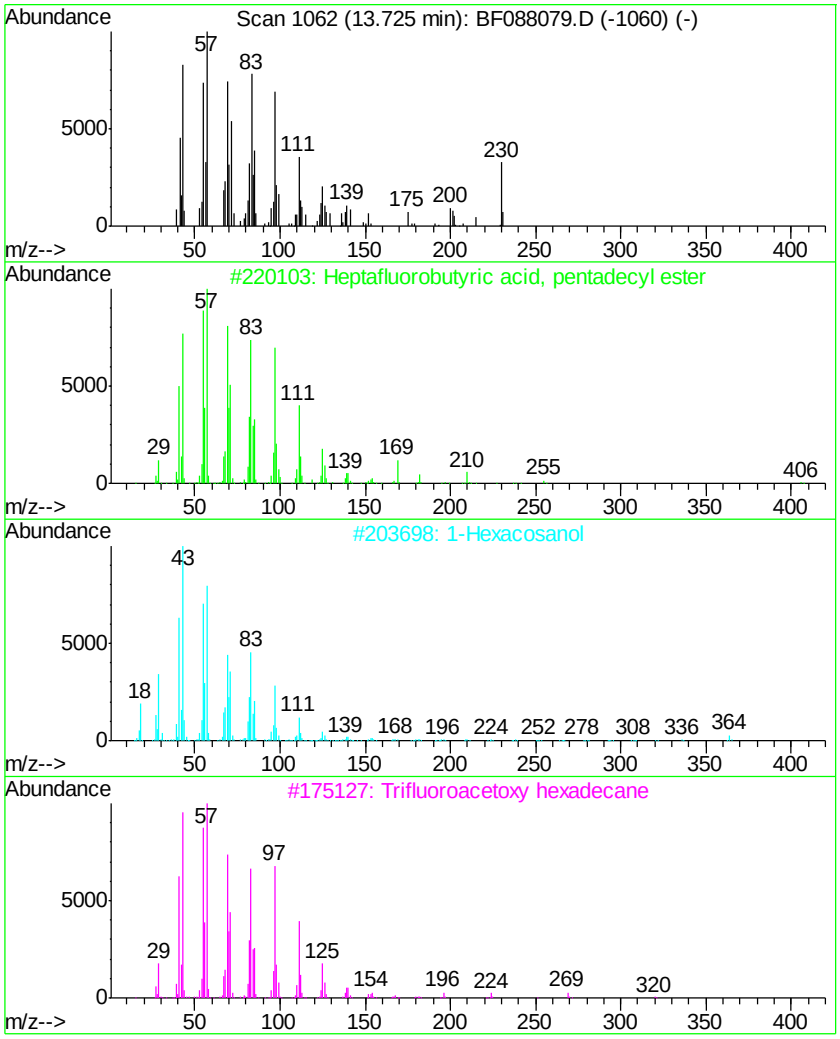
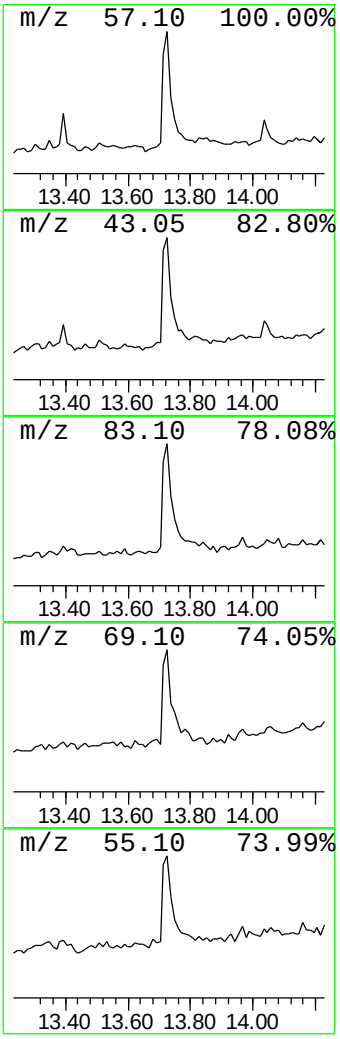
Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.57 ng	104395	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	1-Hexacosanol	382	C26H54O	000506-52-5	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87





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Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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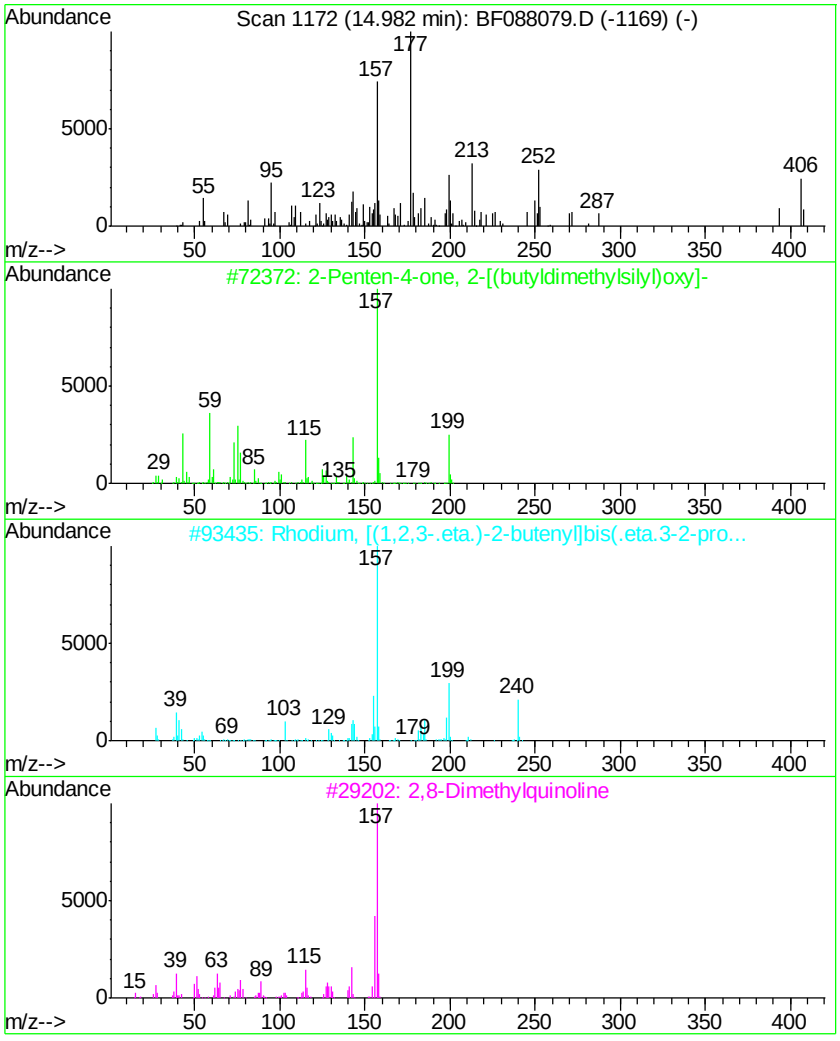
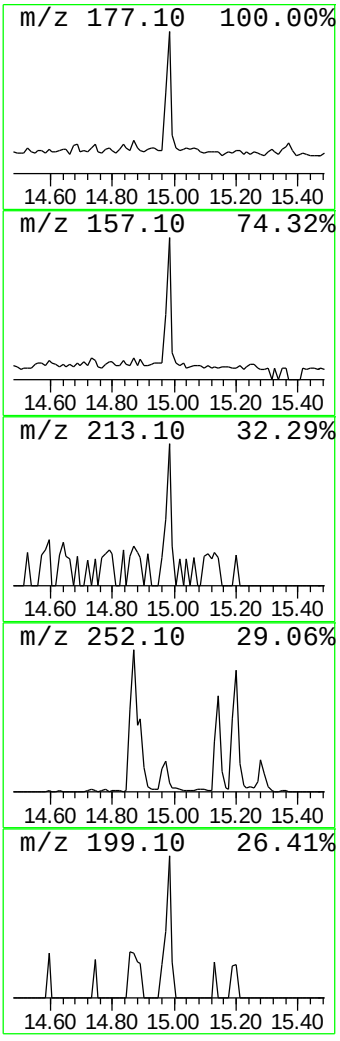
Peak Number 7 unknown14.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.90 ng	90359	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-4-one, 2-[(butyldimethy...	214	C11H22O2Si	1000153-21-9	22
2	Rhodium, [(1,2,3-.eta.)-2-butenyl...	240	C10H17Rh	074779-89-8	22
3	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	20
4	1,2-Benzenedicarboxylic acid, 4,...	250	C14H18O4	069094-40-2	20
5	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	18





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Sample : H3570-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

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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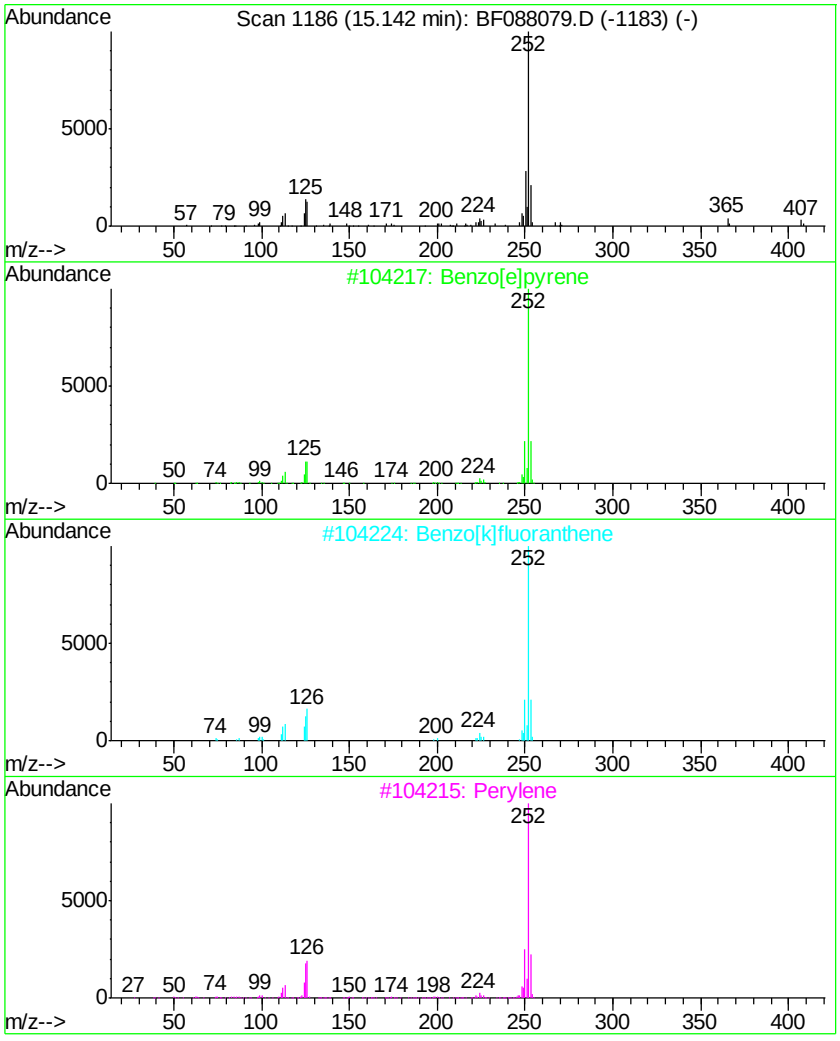
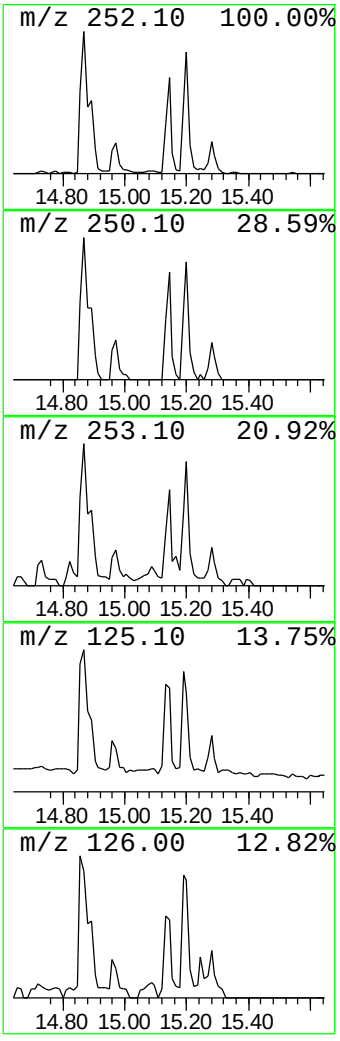
Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.86 ng	89130	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
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Operator : UM/SJ
Sample : H3570-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-22-COMP

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
unknown6.48	6.48	24.6	ng	737710	1	6.72	600529	20.0
Heptafluorobutyri...	13.73	2.6	ng	104395	5	13.86	812355	20.0
unknown14.98	14.98	2.9	ng	90359	6	15.25	622835	20.0
Benzo[e]pyrene	15.14	2.9	ng	89130	6	15.25	622835	20.0