LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089091.D
Acq On : 18 Jul 2016 19:41
Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(4-8)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-BF063016.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	1.747	12	14	47	rVB	1155688	2813643	100.00%	38.863%
2	5.222	316	318	321	rBV	231955	260112	9.24%	3.593%
3	6.285	409	411	414	rBV	179497	257500	9.15%	3.557%
4	6.410	420	422	424	rBB	330346	284515	10.11%	3.930%
5	6.479	426	428	430	rBV	35107	28804	1.02%	0.398%
6	6.639	440	442	444	rBB	393246	316057	11.23%	4.366%
7	6.799	454	456	458	rBB	195682	213411	7.58%	2.948%
8	7.199	489	491	494	rBB	137433	147958	5.26%	2.044%
9	7.930	552	555	557	rBV	396855	390309	13.87%	5.391%
10	9.005	647	649	651	rBV	366005	298872	10.62%	4.128%
11	9.405	682	684	686	rBB	34020	37366	1.33%	0.516%
12	9.679	705	708	709	rBV	259433	337659	12.00%	4.664%
13	10.456	774	776	778	rBB	122956	101199	3.60%	1.398%
14	11.142	834	836	840	rVB	212557	302972	10.77%	4.185%
15	12.354	940	942	944	rBV	50785	48347	1.72%	0.668%
16	12.571	958	961	963	rBV	35457	45320	1.61%	0.626%
17	12.731	973	975	977	rVV	210553	196653	6.99%	2.716%
18	13.771	1063	1066	1070	rBV	368982	389883	13.86%	5.385%
19	14.765	1151	1153	1157	rBV	26836	57048	2.03%	0.788%
20	15.017	1173	1175	1178	rBV2	29958	37530	1.33%	0.518%
21	15.131	1183	1185	1192	rVV	223692	291054	10.34%	4.020%
22	15.257	1194	1196	1199	rBV2	32165	44844	1.59%	0.619%
23	15.737	1235	1238	1246	rVB	67023	164376	5.84%	2.270%
24	16.103	1268	1270	1274	rVB	87063	135203	4.81%	1.867%
25	16.594	1311	1313	1316	rVB3	26229	39187	1.39%	0.541%

Sum of corrected areas: 7239822

LSC Report - Integrated Chromatogram

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Misc :
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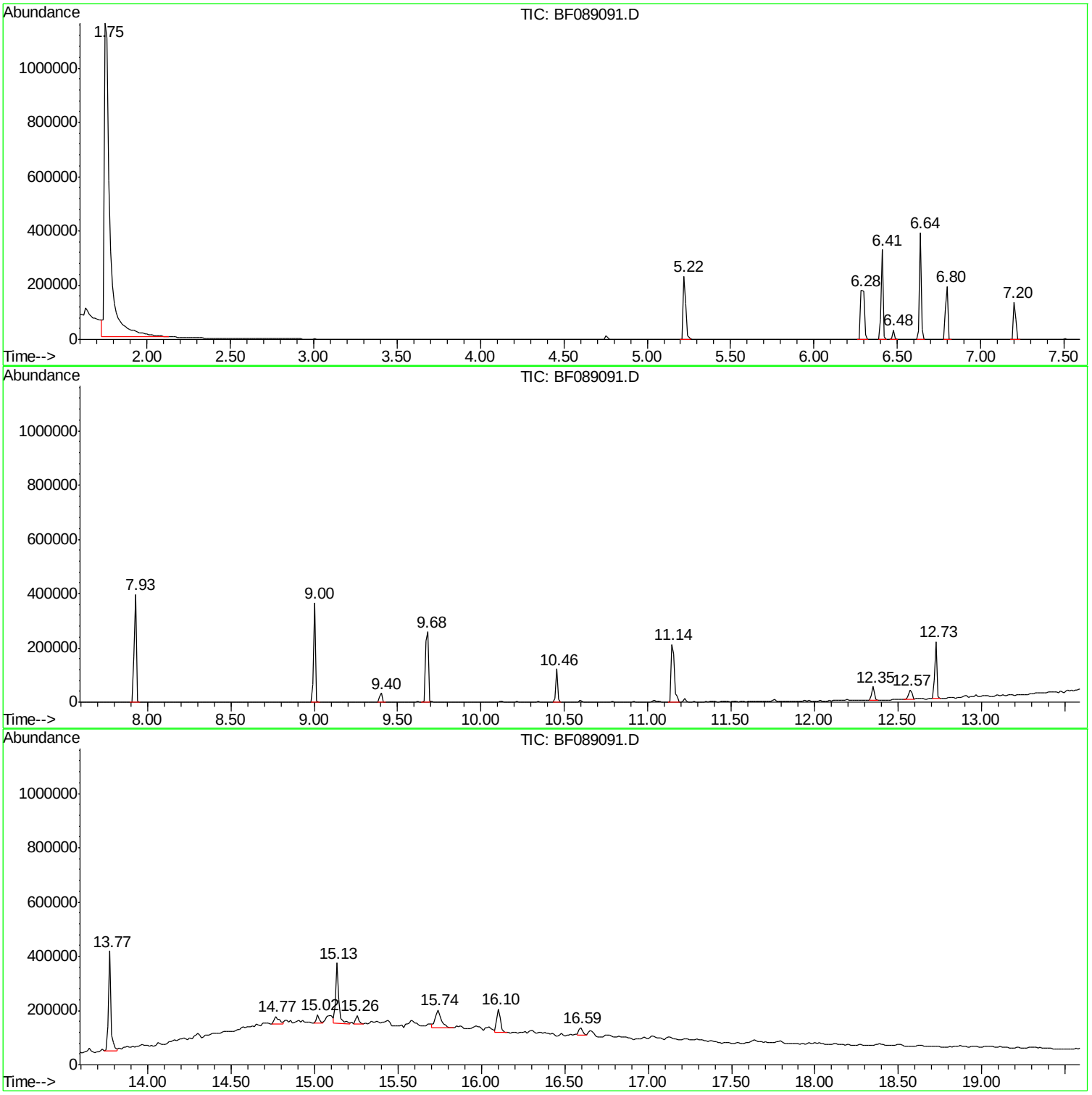
Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071816\
Data File : BF089091.D
Acq On : 18 Jul 2016 19:41
Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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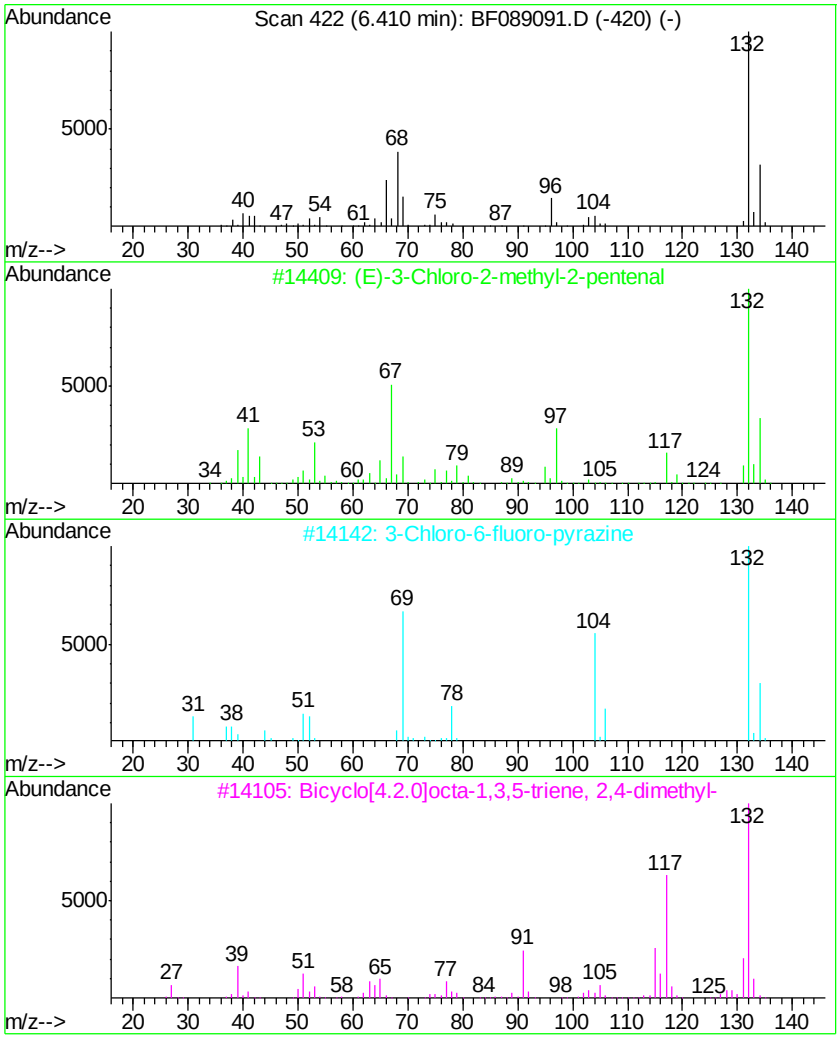
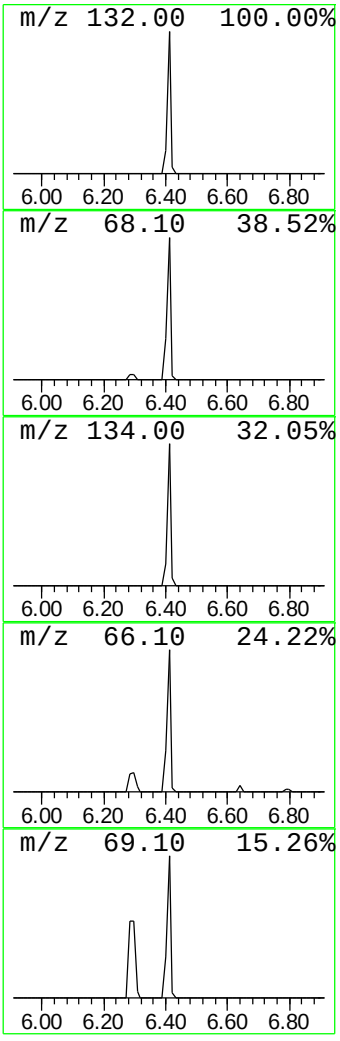
Peak Number 2 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	18.00 ng	284515	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089091.D
Acq On : 18 Jul 2016 19:41
Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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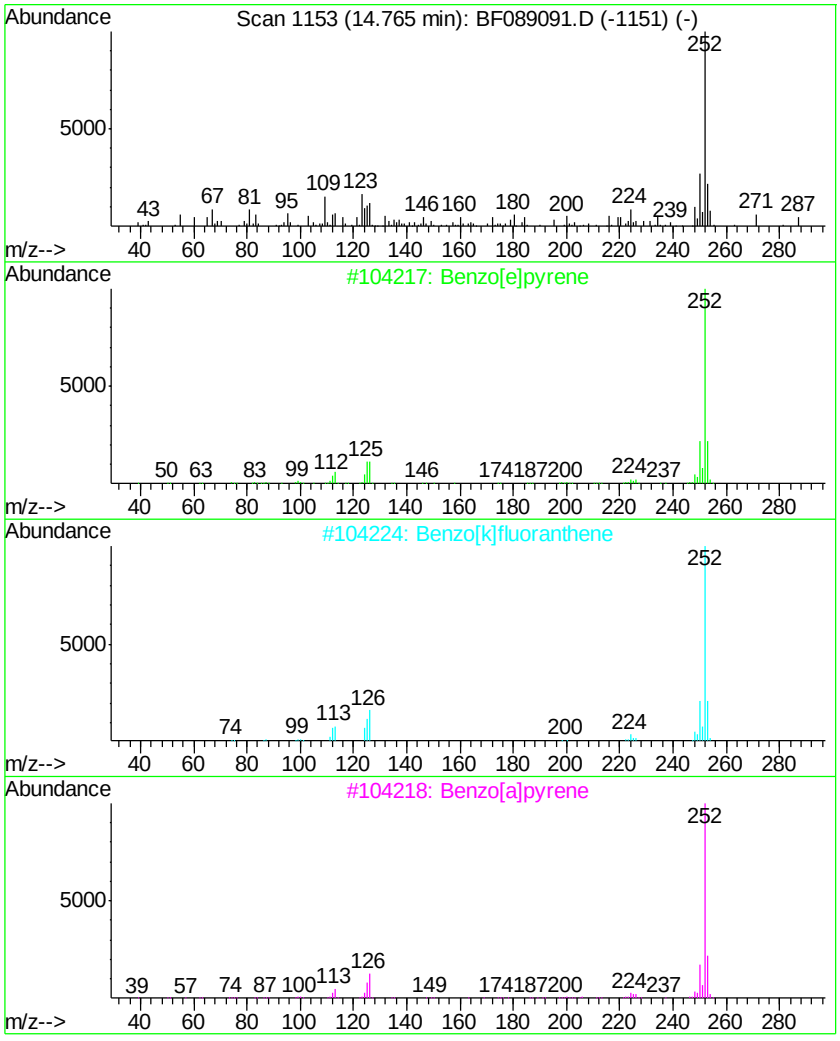
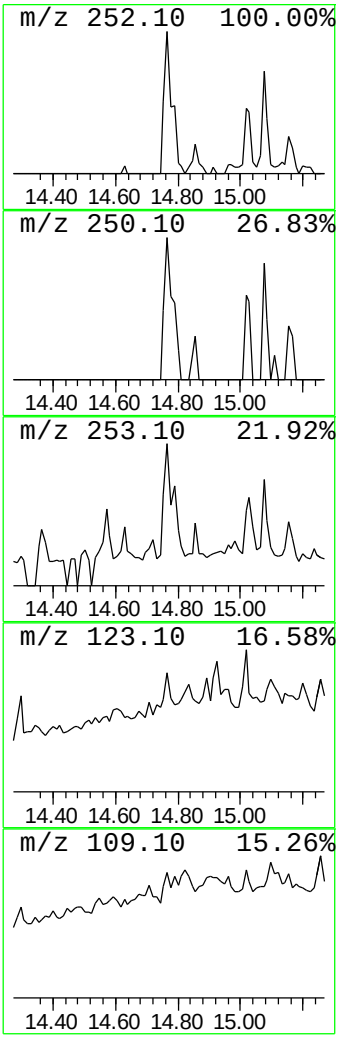
Peak Number 4 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.92 ng	57048	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Perylene	252	C20H12	000198-55-0	70
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089091.D
Acq On : 18 Jul 2016 19:41
Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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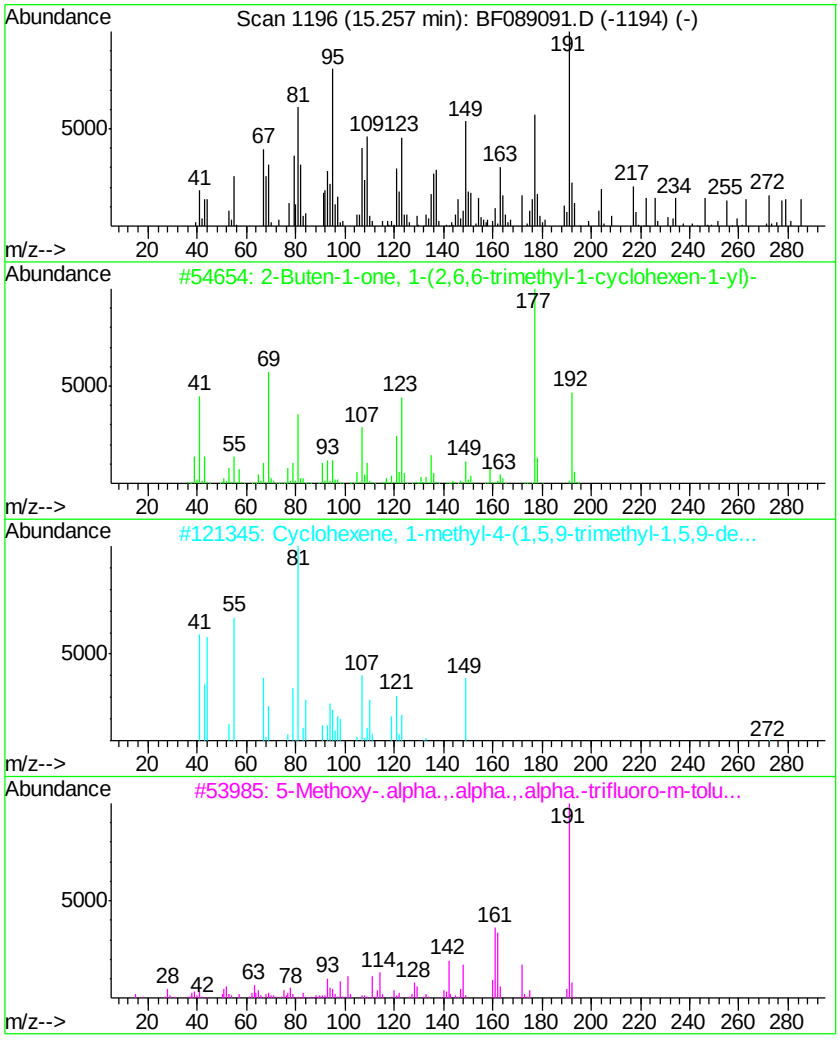
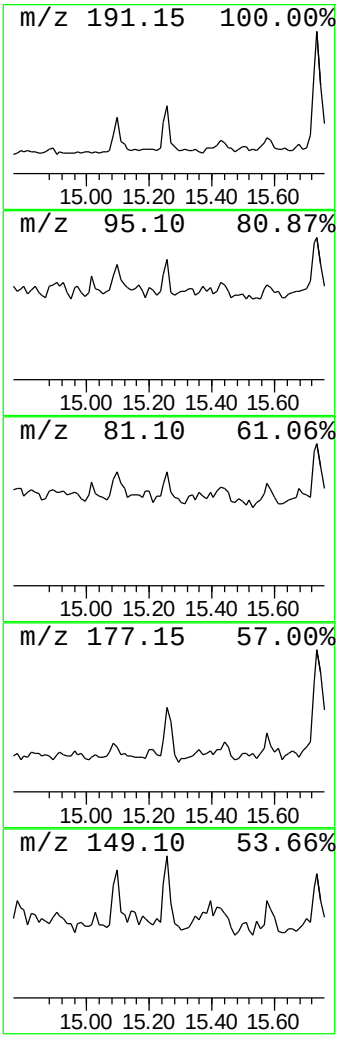
Peak Number 6 unknown15.26 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.08 ng	44844	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	27
2	Cyclohexene, 1-methyl-4-(1,5,9-t...	272	C20H32	056248-11-4	18
3	5-Methoxy-.alpha.,.alpha.,.alpha....	191	C8H8F3NO	000349-55-3	11
4	Benzeneacetonitrile, 3,4-dimethoxy-	177	C10H11NO2	000093-17-4	11
5	5-Fluoro-2-trifluoromethylbenzoi...	460	C26H40F4O2	1000338-75-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
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Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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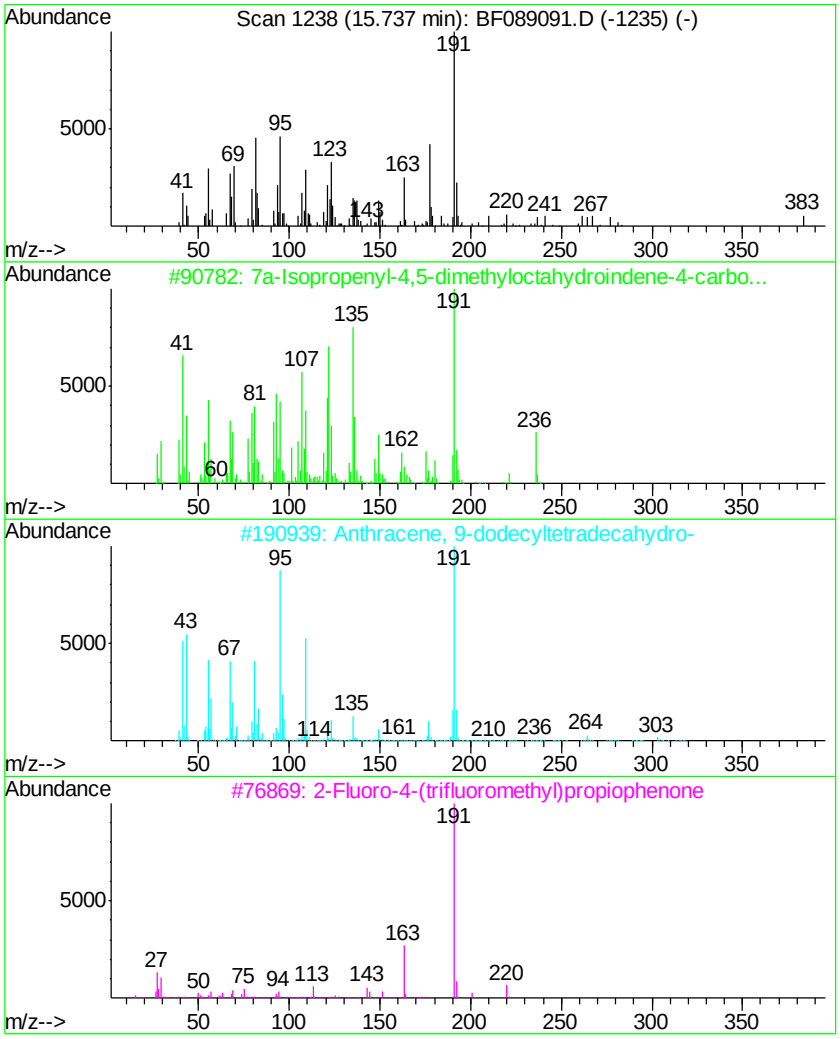
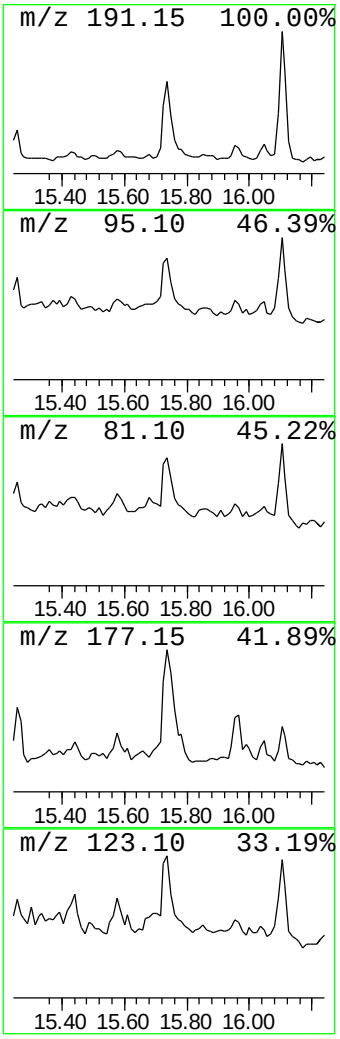
Peak Number 7 unknown15.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	11.30 ng	164376	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	40
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
3	2-Fluoro-4-(trifluoromethyl)prop...	220	C10H8F4O	208173-16-4	27
4	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	27
5	2-Fluoro-5-(trifluoromethyl)prop...	220	C10H8F4O	207974-18-3	27





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Misc :
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Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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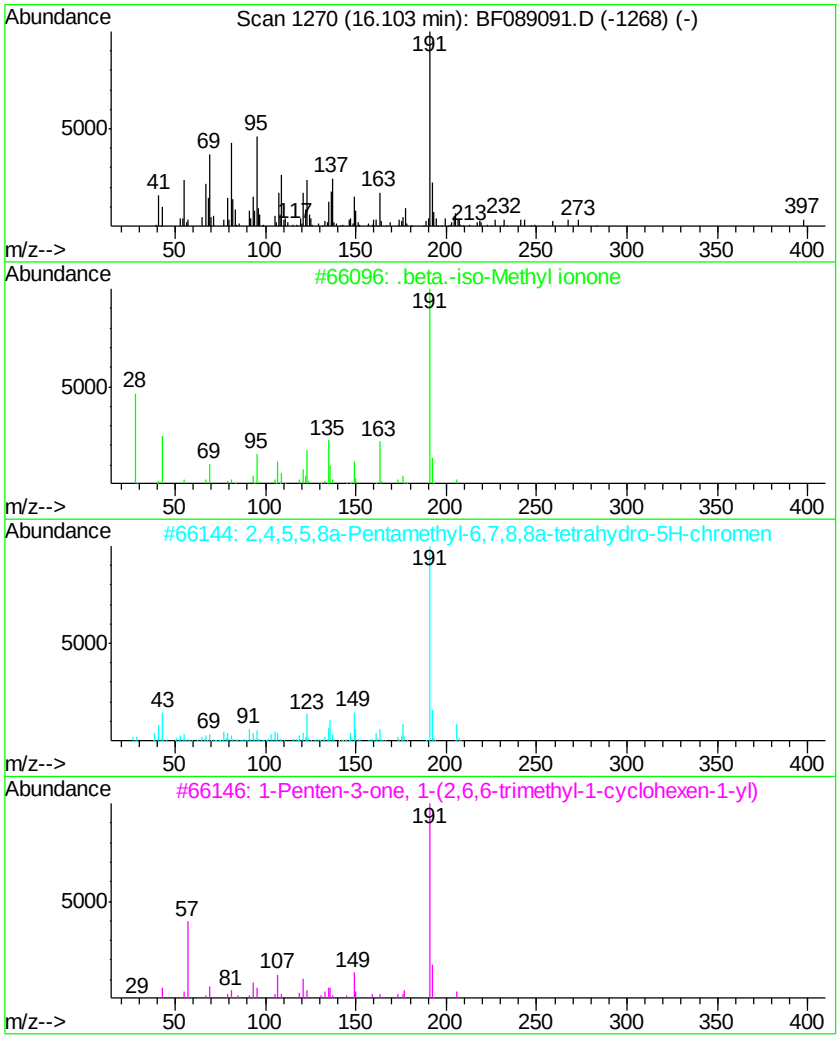
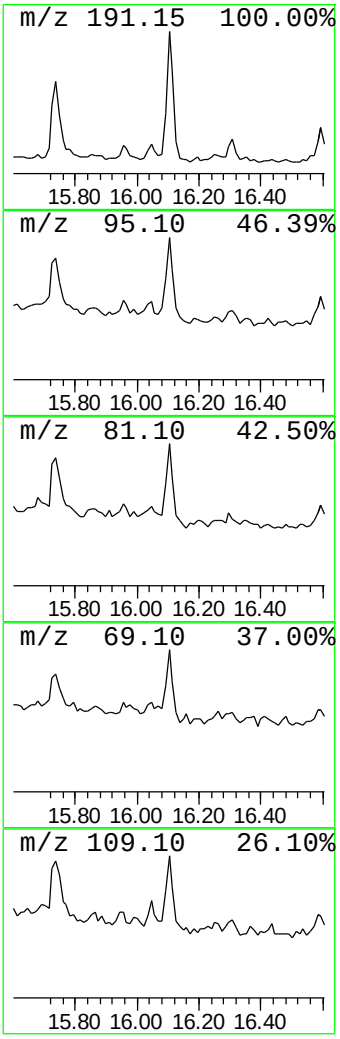
Peak Number 8 .beta.-iso-Methyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	9.29 ng	135203	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	35
5	4-Fluoro-3-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-67-3	30





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ClientSampleId : M10-B2(4-8)C

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TIC Library : C:\Database\NIST11.L
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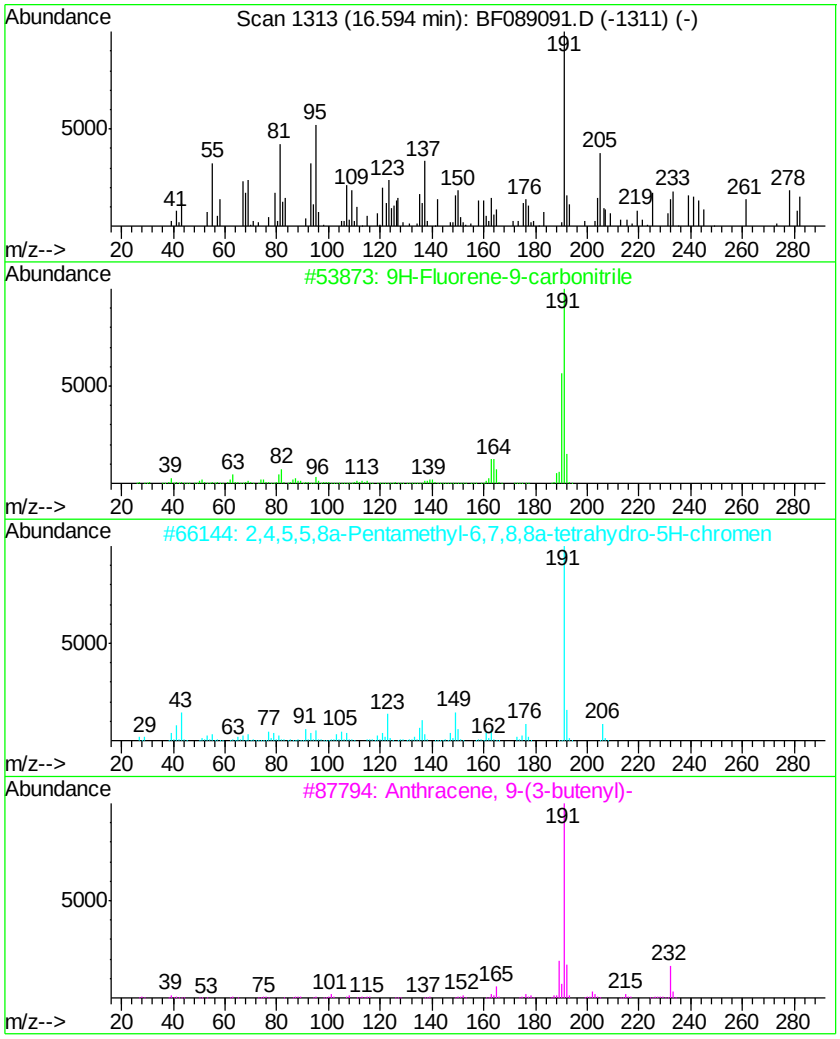
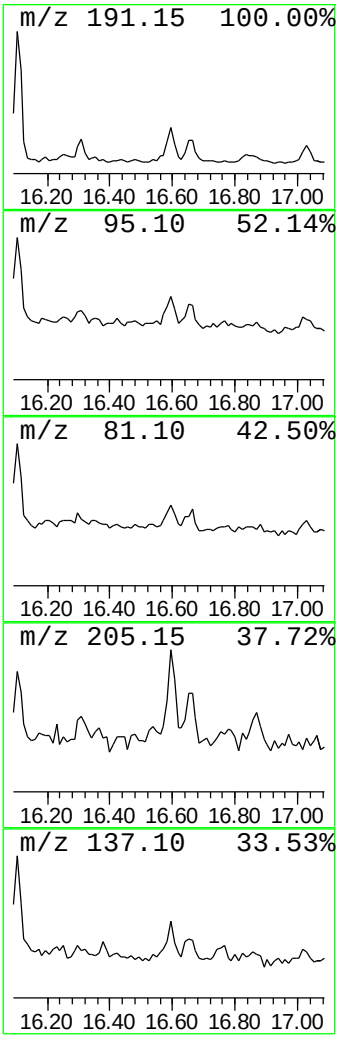
Peak Number 9 unknown16.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.69 ng	39187	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	47
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
3	Anthracene, 9-(3-butenyl)-	232	C18H16	097451-55-3	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5	2-Fluoro-6-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-53-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.41	6.41	18.0	ng	284515	1	6.64	316057	20.0
Benzo[e]pyrene	14.77	3.9	ng	57048	6	15.13	291054	20.0
unknown15.26	15.26	3.1	ng	44844	6	15.13	291054	20.0
unknown15.74	15.74	11.3	ng	164376	6	15.13	291054	20.0
.beta.-iso-Methyl...	16.10	9.3	ng	135203	6	15.13	291054	20.0
unknown16.59	16.59	2.7	ng	39187	6	15.13	291054	20.0