

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012728.D
 Acq On : 05 Nov 2017 03:42
 Operator : SJ/JU
 Sample : I5825-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-61(5-6)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:03 PM

Quant Time: Nov 06 04:12:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	101539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	388764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	221986	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	475689	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	535418	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	603476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8611	4.58	ng/uL	0.00
5) Phenol-d5	6.99	99	187452	24.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	108033	26.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	165768	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	113382	17.39	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	81834	28.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	92208	28.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	172000	25.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	137348	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	512241	27.89	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	652638	28.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	50297	17.09	ng/ul	0.00
57) Fluorene-d10	15.44	176	441453	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	54388m	17.32	ng/ul	0.00
70) Anthracene-d10	17.29	188	606092	26.37	ng/ul	0.00
78) Pyrene-d10	19.58	212	726371	29.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	809268	28.36	ng/ul	0.00
Target Compounds						
6) Phenol	7.01	94	17730	2.286	ng/ul#	89
44) Dimethylphthalate	13.90	163	77401	4.246	ng/ul	99
69) Phenanthrene	17.23	178	534065	20.541	ng/ul	99
71) Anthracene	17.33	178	79505	2.949	ng/ul	98
74) Carbazole	17.59	167	68756	3.058	ng/ul	98
75) Di-n-butylphthalate	18.16	149	197378	7.492	ng/ul	99
76) Fluoranthene	19.25	202	1113624	35.643	ng/ul#	92
79) Pyrene	19.62	202	903403	28.280	ng/ul#	91
82) Benzo(a)anthracene	21.36	228	534450	16.496	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	103765	6.114	ng/ul#	93
84) Chrysene	21.40	228	583262	19.864	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	831906	22.558	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	252043m	7.190	ng/ul	
90) Benzo(a)pyrene	23.56	252	542014m	15.445	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.96	276	438335	10.364	ng/ul#	84
92) Dibenzo(a,h)anthracene	25.96	278	118305m	3.304	ng/ul	
93) Benzo(g,h,i)perylene	26.67	276	378815	10.870	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

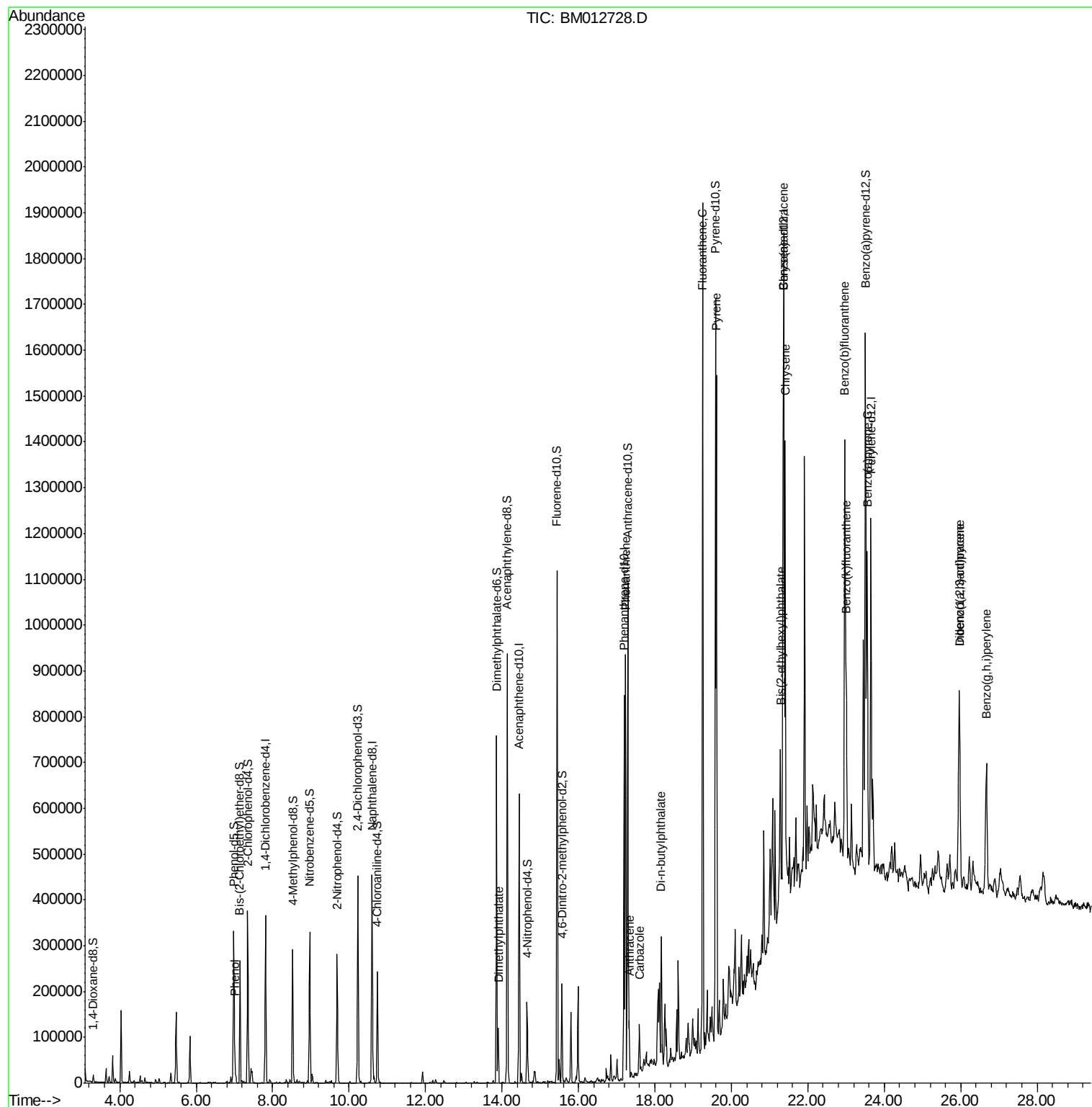
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

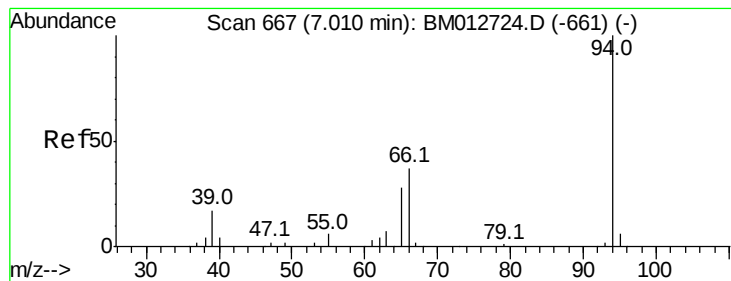
Instrument :
BNA_M
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B-61(5-6)-101117

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Quant Time: Nov 06 04:12:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.286 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

ClientSampleId :

B-61(5-6)-101117

Tot Ion: 94 Resp: 17730

Ion Ratio Lower Upper

94 100

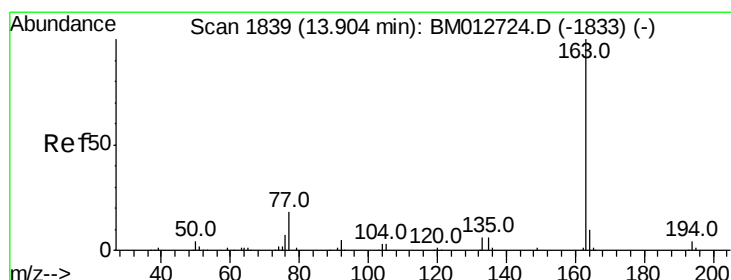
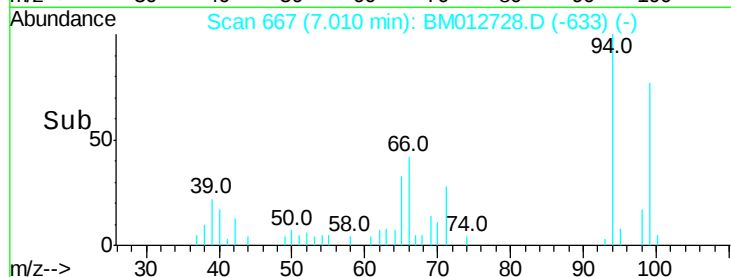
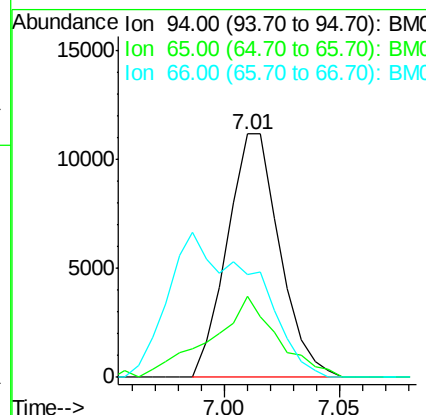
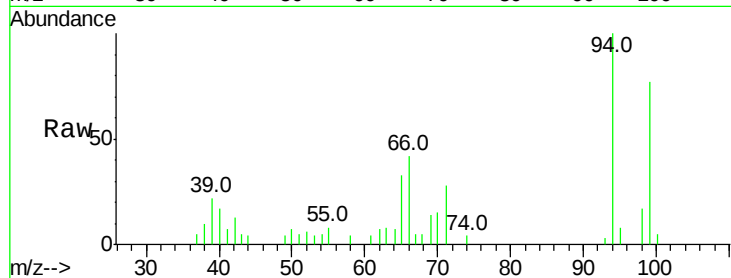
65 33.2 21.0 31.6#

66 42.3 29.3 43.9

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#44

Dimethylphthalate

Concen: 4.246 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

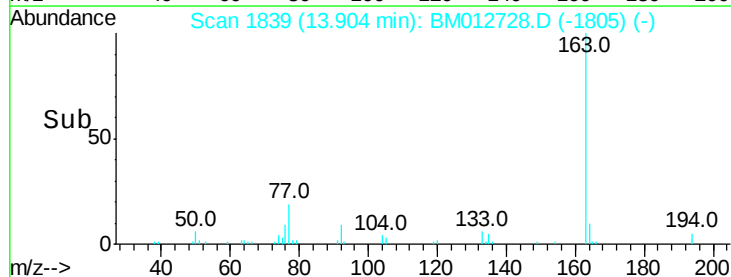
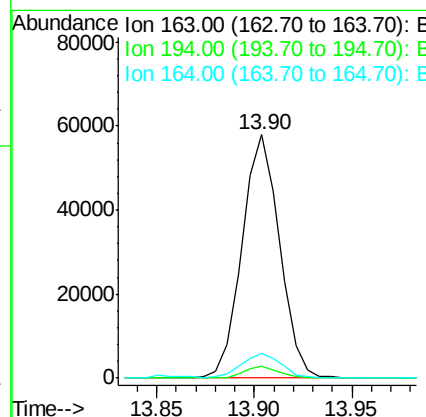
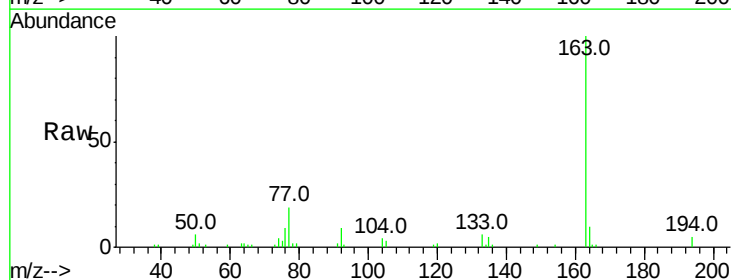
Tgt Ion: 163 Resp: 77401

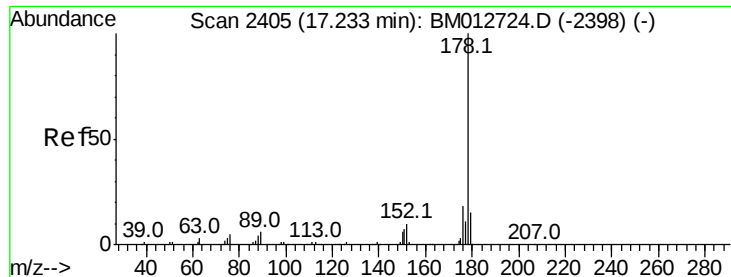
Ion Ratio Lower Upper

163 100

194 4.8 3.2 4.8

164 10.0 7.8 11.8





#69

Phenanthrene

Concen: 20.541 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

ClientSampleId :

B-61(5-6)-101117

Tot Ion:178 Resp: 534065

Ion Ratio Lower Upper

178 100

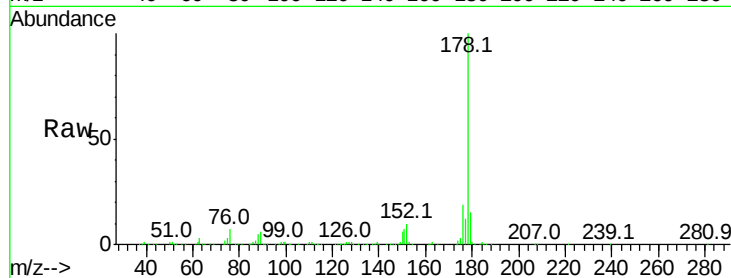
179 15.2 12.2 18.4

176 18.9 15.6 23.4

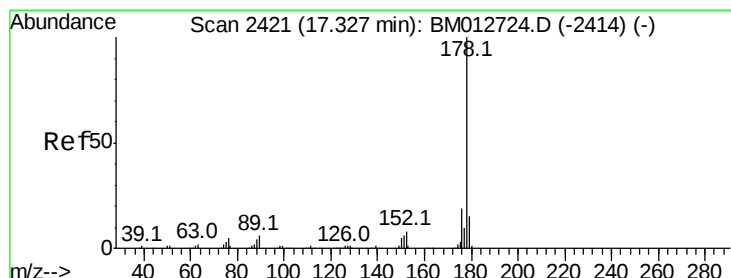
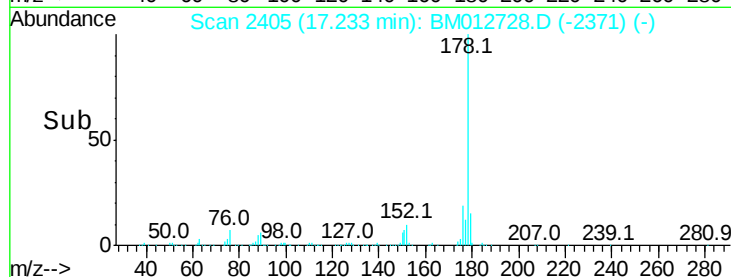
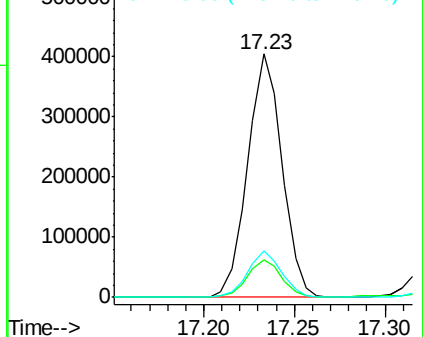
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.949 ng/ul

RT: 17.33 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Tgt Ion:178 Resp: 79505

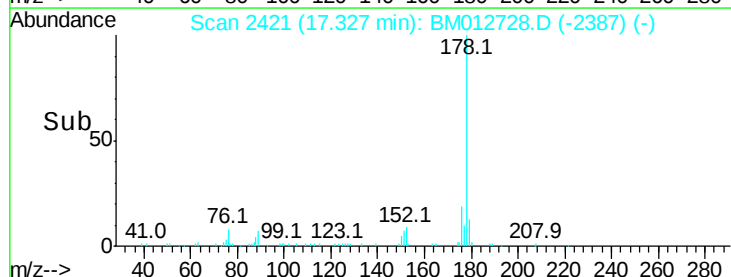
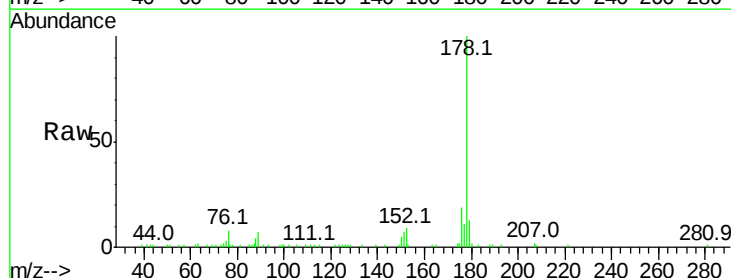
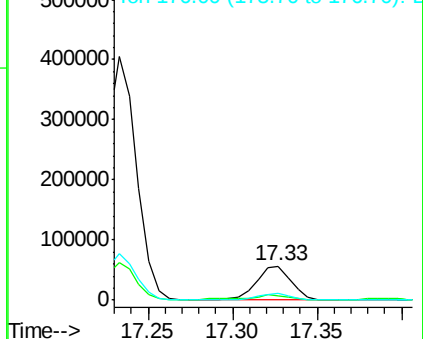
Ion Ratio Lower Upper

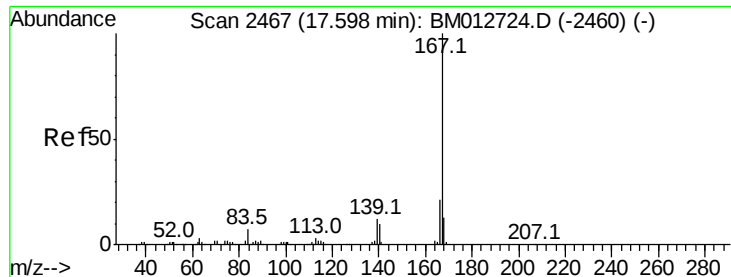
178 100

179 13.5 12.1 18.1

176 19.1 14.8 22.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 3.058 ng/ul

RT: 17.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

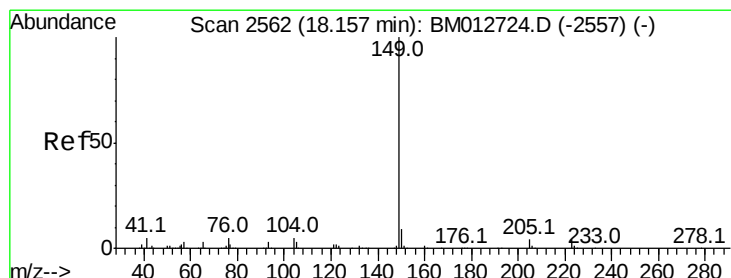
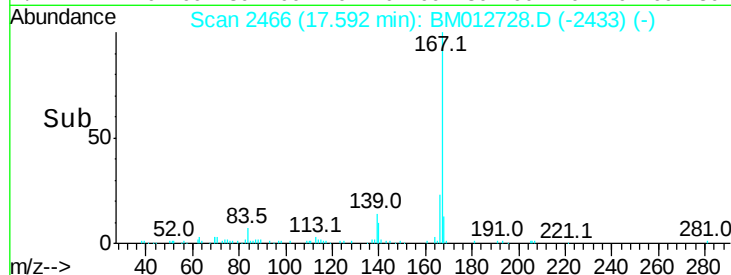
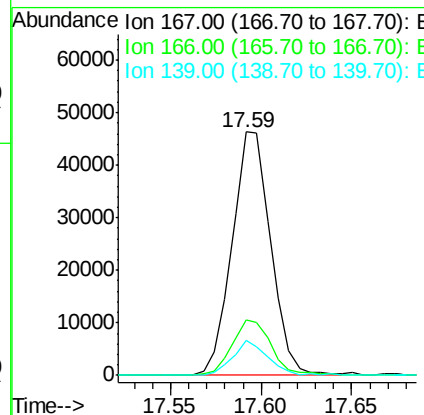
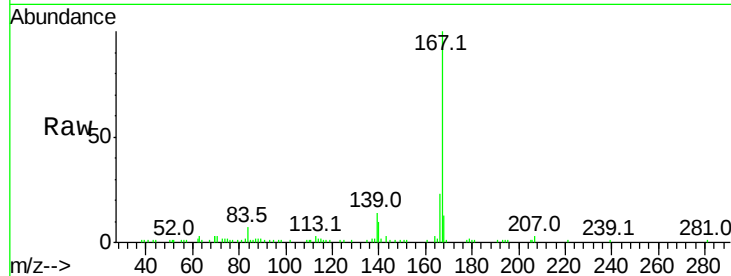
ClientSampleId :

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Tot Ion:	167	Resp:	68756
Ion Ratio	Lower	Upper	
167	100		
166	22.8	17.0	25.6
139	14.1	11.0	16.4

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 7.492 ng/ul

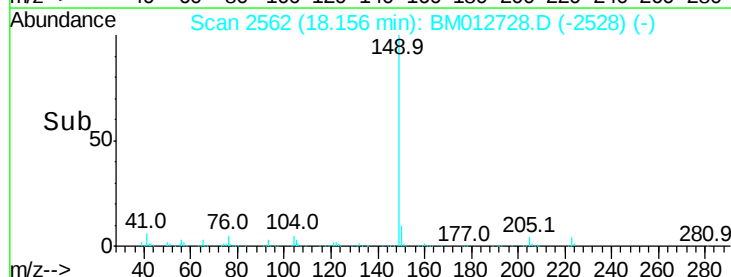
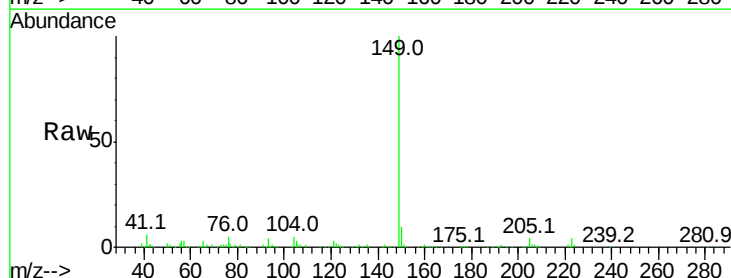
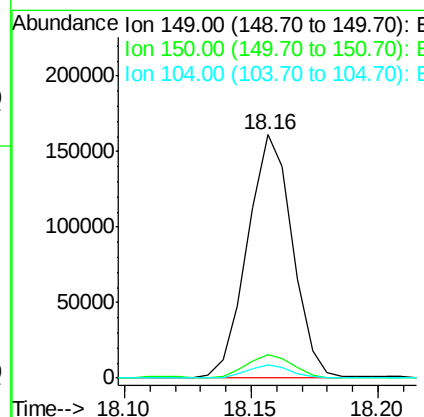
RT: 18.16 min Scan# 2562

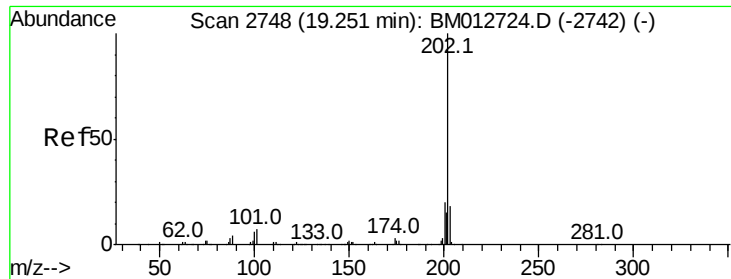
Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Tgt Ion:	149	Resp:	197378
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.0
104	5.2	4.0	6.0





#76

Fluoranthene

Concen: 35.643 ng/ul

RT: 19.25 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

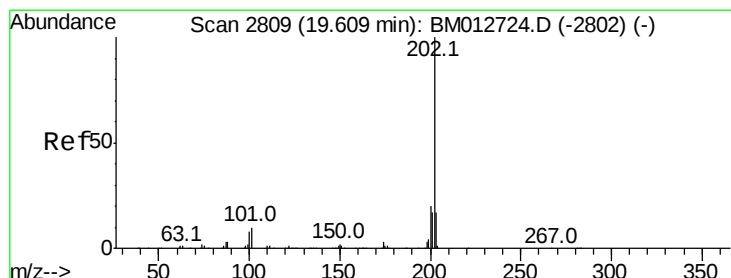
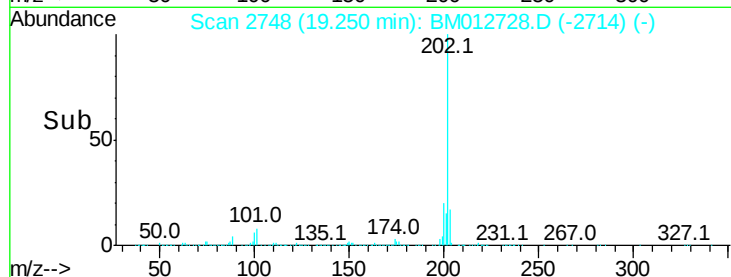
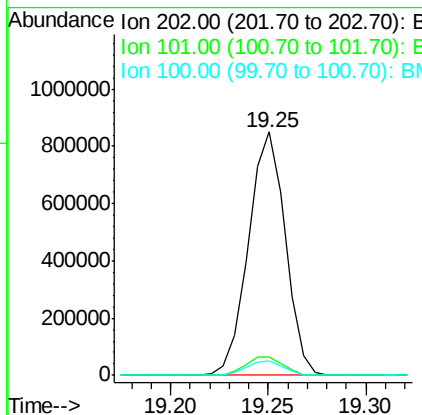
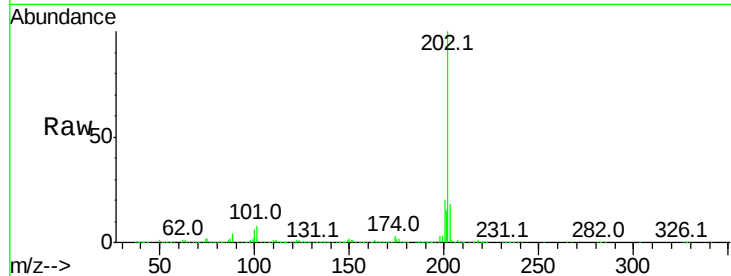
ClientSampleId :

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Tot Ion:	202	Resp:	1113624
Ion Ratio	Lower	Upper	
202	100		
101	7.7	8.8	13.2#
100	6.0	6.6	9.8#

Manual Integrations
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#79

Pyrene

Concen: 28.280 ng/ul

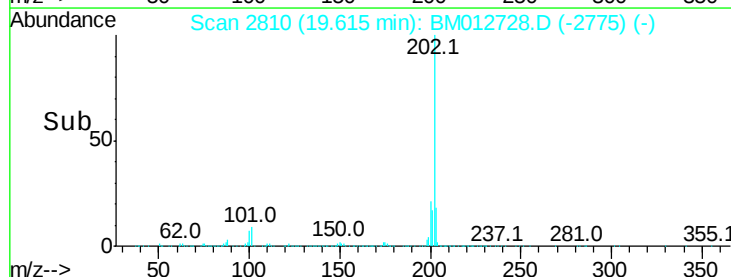
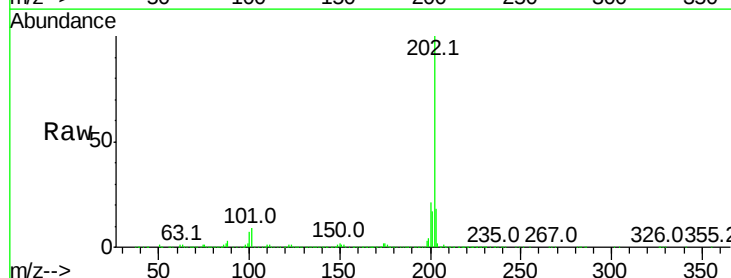
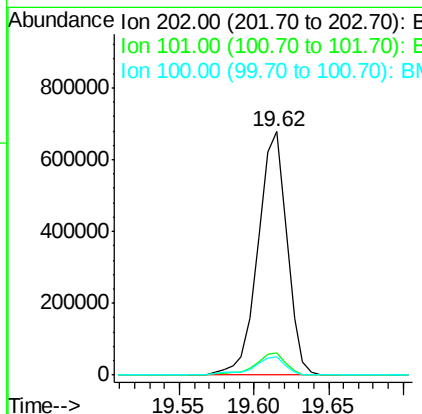
RT: 19.62 min Scan# 2810

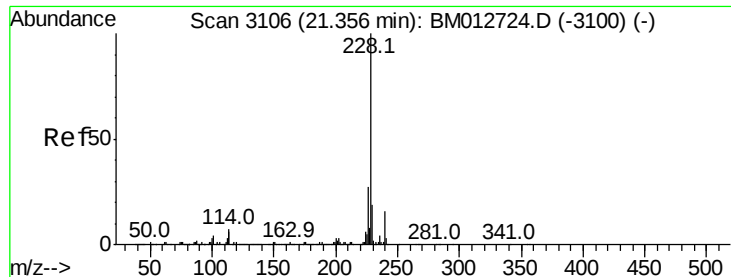
Delta R.T. 0.01 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Tgt Ion:	202	Resp:	903403
Ion Ratio	Lower	Upper	
202	100		
101	9.0	10.2	15.2#
100	7.3	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 16.496 ng/u1

RT: 21.36 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

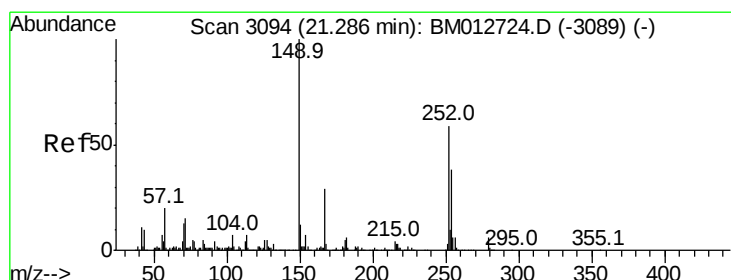
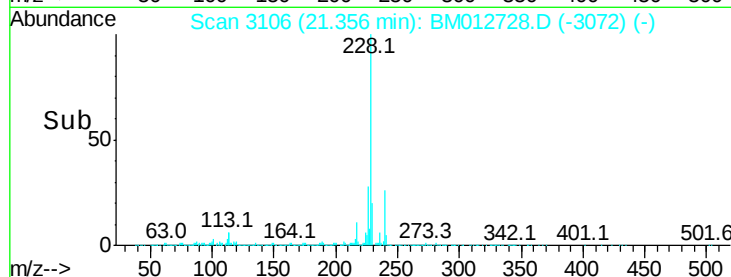
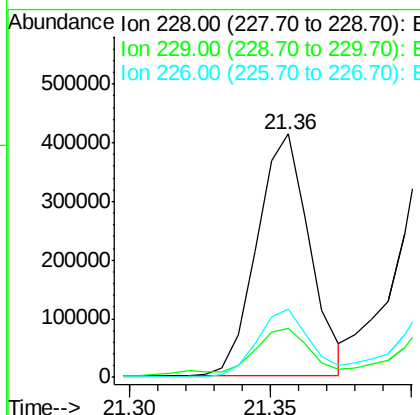
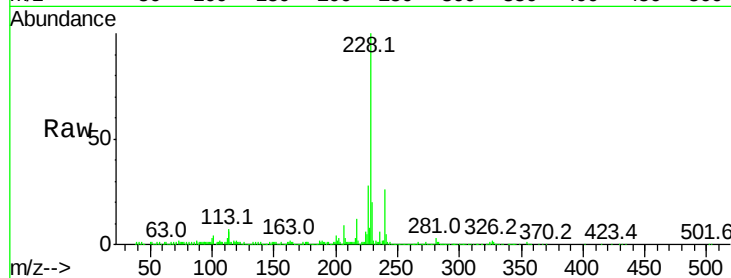
ClientSampleId :

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Tot Ion:	228	Resp:	534450
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.7	23.5
226	27.8	21.8	32.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 6.114 ng/u1

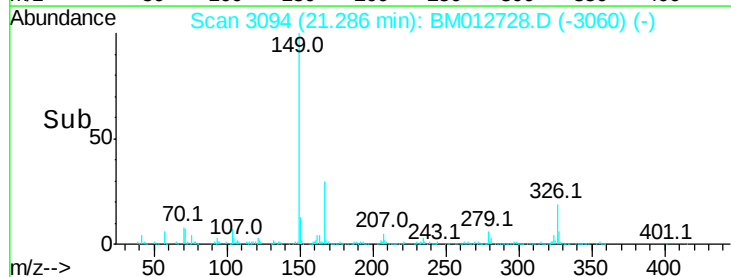
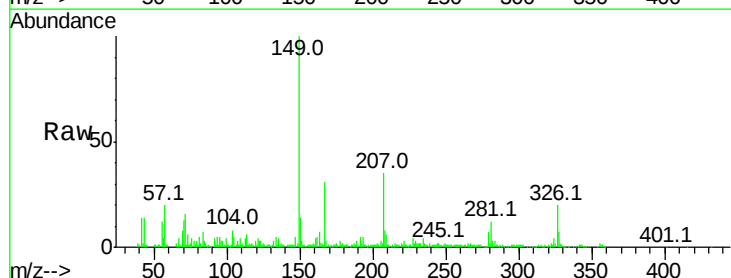
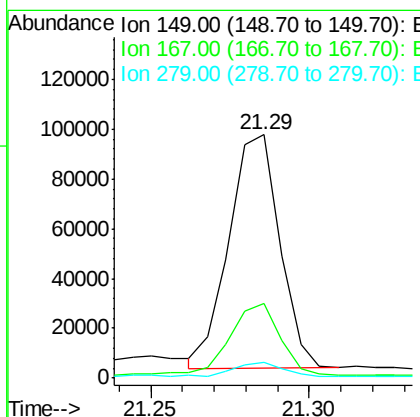
RT: 21.29 min Scan# 3094

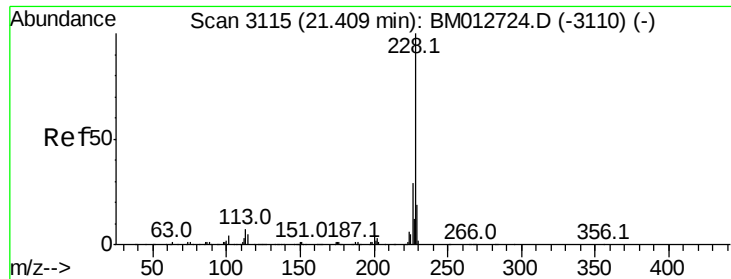
Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Tgt Ion:	149	Resp:	103765
Ion Ratio	Lower	Upper	
149	100		
167	30.7	21.6	32.4
279	6.6	3.0	4.4#





#84

Chrysene

Concen: 19.864 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

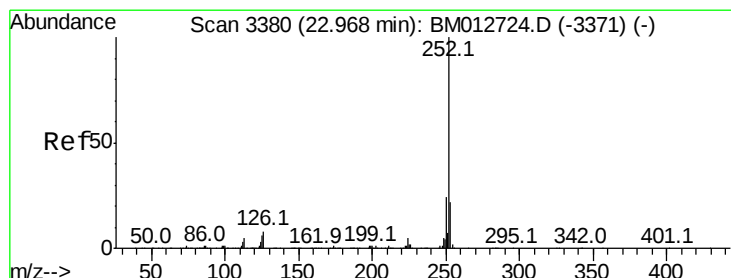
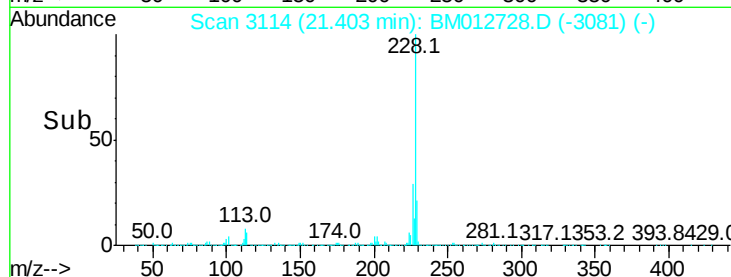
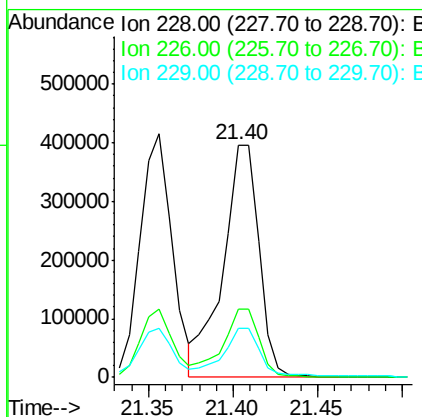
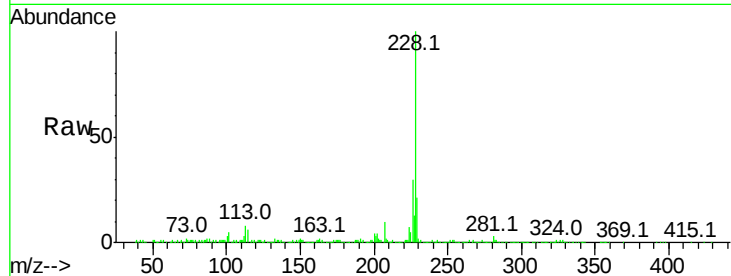
ClientSampleId :

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Tot Ion:	228	Resp:	583262
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.0	36.0
229	21.1	15.6	23.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 22.558 ng/ul

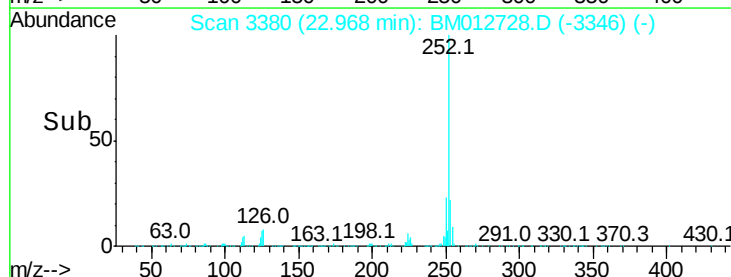
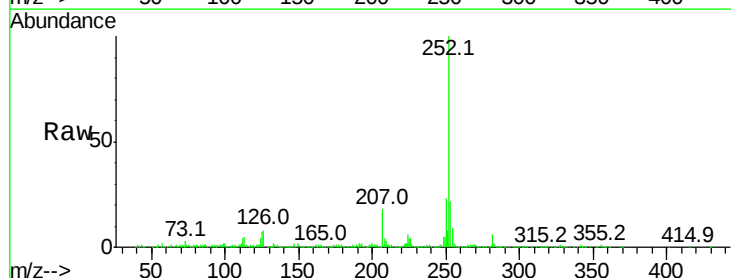
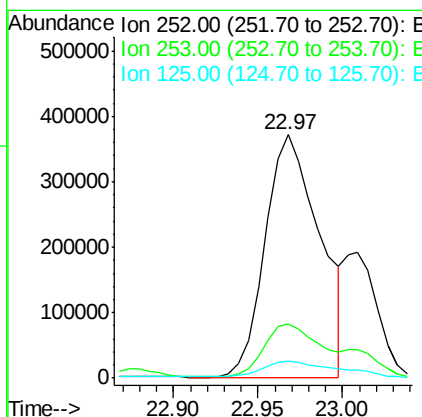
RT: 22.97 min Scan# 3380

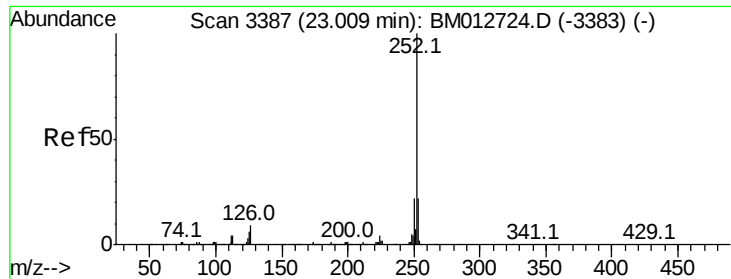
Delta R.T. -0.00 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Tgt Ion:	252	Resp:	831906
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	7.1	8.5	12.7#





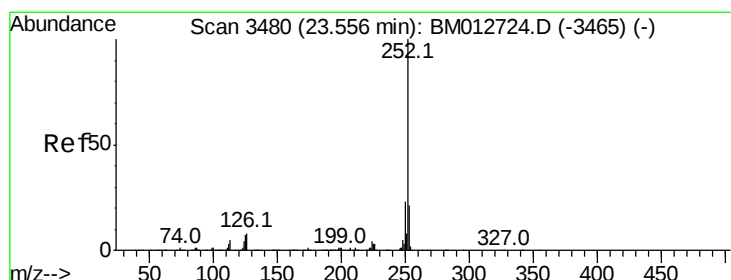
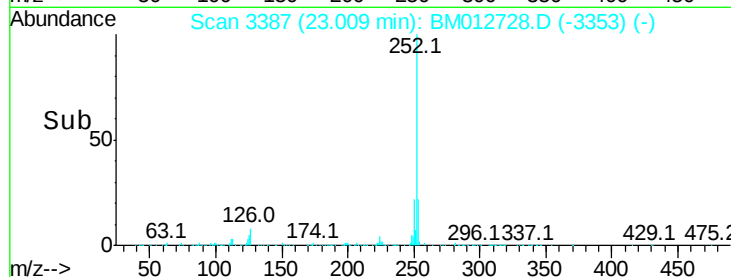
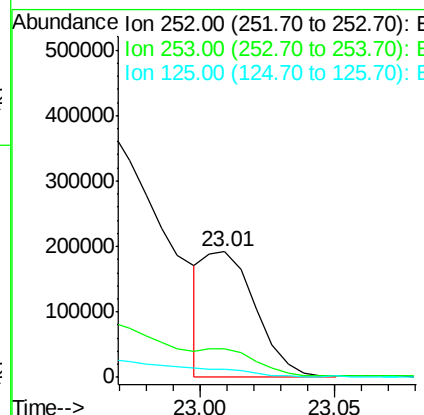
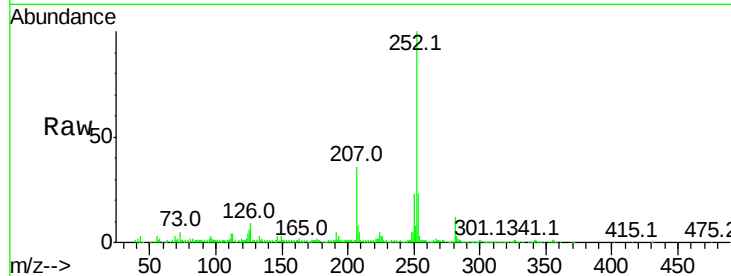
#88
Benzo(k)fluoranthene
Concen: 7.190 ng/ul m
RT: 23.01 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM012728.D
Acq: 05 Nov 2017 03:42

Instrument :
BNA_M
ClientSampleId :
B-61(5-6)-101117

Tot Ion	Ratio	Resp	Lower	Upper
252	100	252043		
253	22.9	17.3	25.9	
125	6.5	8.2	12.2	

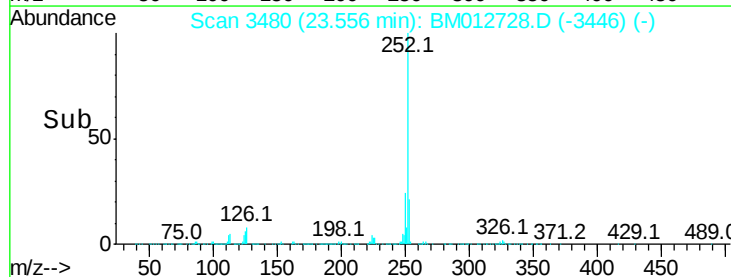
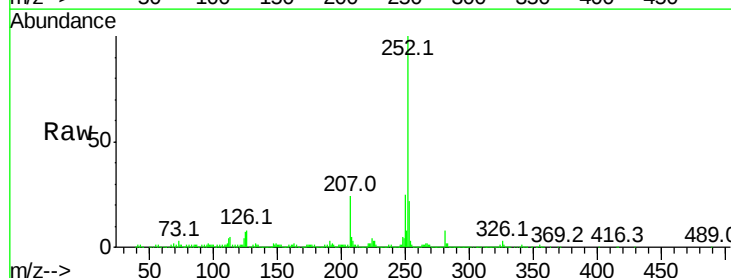
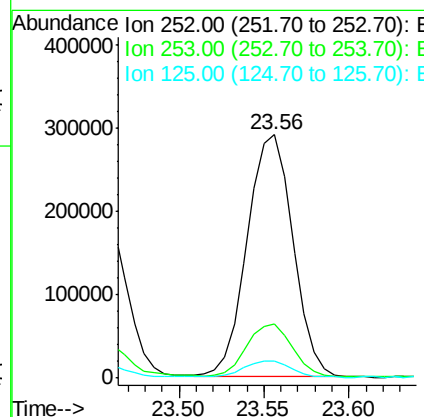
Manual Integrations
APPROVED

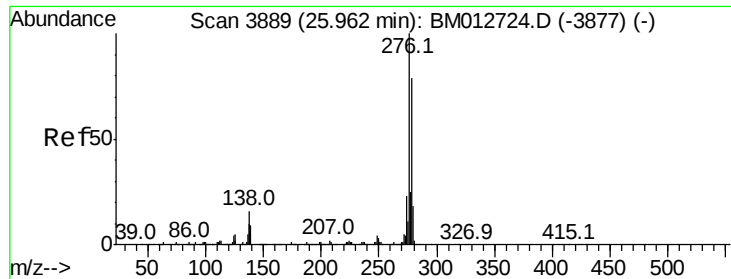
Sohil
11/6/2017 4:24:03 PM



#90
Benzo(a)pyrene
Concen: 15.445 ng/ul m
RT: 23.56 min Scan# 3480
Delta R.T. -0.00 min
Lab File: BM012728.D
Acq: 05 Nov 2017 03:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	542014		
253	22.2	17.2	25.8	
125	6.9	9.0	13.6	





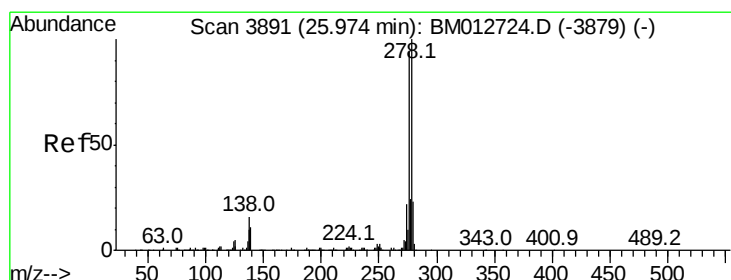
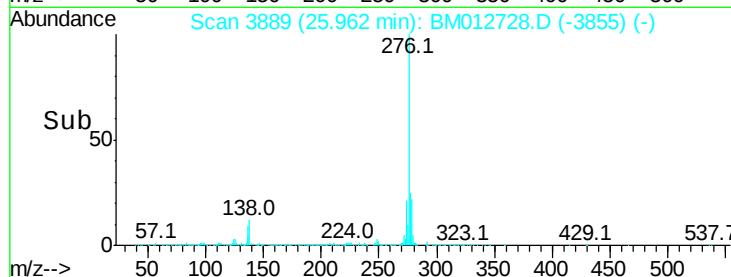
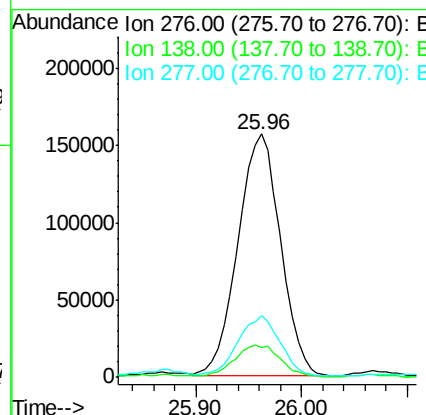
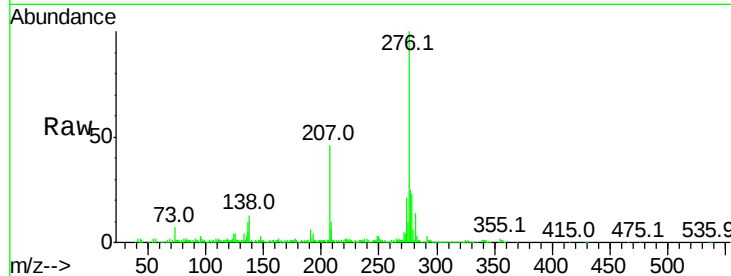
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 10.364 ng/ul
 RT: 25.96 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: BM012728.D
 Acq: 05 Nov 2017 03:42

Instrument :
 BNA_M
 ClientSampleId :
 B-61(5-6)-101117

Tot Ion:	276	Resp:	438335
Ion Ratio	Lower	Upper	
276	100		
138	12.5	22.3	33.5#
277	25.5	20.2	30.2

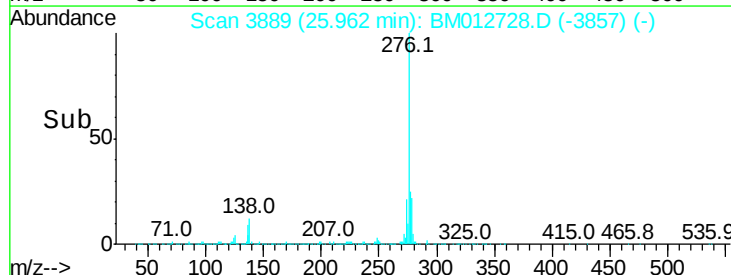
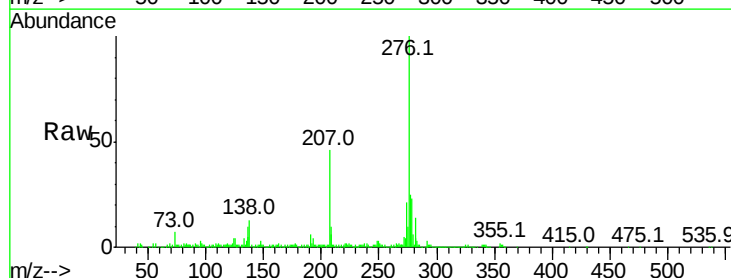
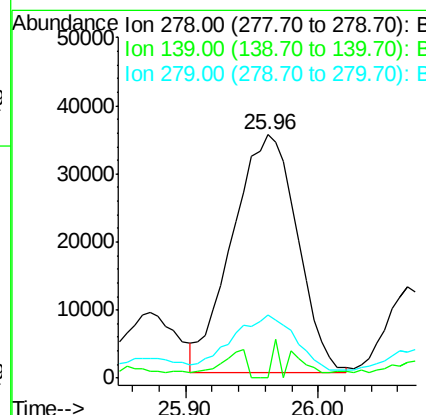
Manual Integrations
 APPROVED

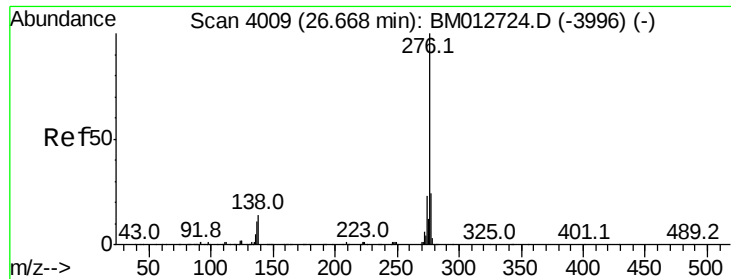
Sohil
 11/6/2017 4:24:03 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 3.304 ng/ul m
 RT: 25.96 min Scan# 3889
 Delta R.T. -0.01 min
 Lab File: BM012728.D
 Acq: 05 Nov 2017 03:42

Tgt Ion:	278	Resp:	118305
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	26.1	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 10.870 ng/ul

RT: 26.67 min Scan# 4010

Delta R.T. 0.01 min

Lab File: BM012728.D

Acq: 05 Nov 2017 03:42

Instrument :

BNA_M

ClientSampleId :

B-61(5-6)-101117

Tot Ion:	276	Resp:	378815
Ion Ratio	Lower	Upper	
276	100		
138	13.0	18.9	28.3#
277	23.4	19.2	28.8

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:03 PM

