

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012766.D
 Acq On : 06 Nov 2017 07:34
 Operator : SJ/JU
 Sample : I5902-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-65(1.5-2.7)-101317

Manual Integrations
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Quant Time: Nov 07 03:23:04 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	191084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	789397	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	487157	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	1050974	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	861385	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	945527	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	17196	4.86	ng/uL	0.00
5) Phenol-d5	7.00	99	405007	28.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	222275	28.85	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	352950	29.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	338589	27.59	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	178186	30.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	201620	30.21	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	405888	29.67	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	270179	20.46	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	1209699	30.01	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	1522667	30.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	149178	23.09	ng/ul	0.02
57) Fluorene-d10	15.45	176	1053493	30.51	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	23746	3.42	ng/ul	0.02
70) Anthracene-d10	17.30	188	1500977	29.56	ng/ul	0.01
78) Pyrene-d10	19.60	212	1372152	34.33	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1362054	30.47	ng/ul	0.03

Target Compounds

					Qvalue
6) Phenol	7.02	94	74899	5.132	ng/ul 95
44) Dimethylphthalate	13.92	163	669693	16.741	ng/ul 100
60) 4-Nitroaniline	15.53	138	13061	1.662	ng/ul 96
69) Phenanthrene	17.24	178	194815	3.391	ng/ul 98
71) Anthracene	17.34	178	63106	1.060	ng/ul 97
75) Di-n-butylphthalate	18.17	149	1127867	19.377	ng/ul 99
76) Fluoranthene	19.26	202	226833	3.286	ng/ul# 94
79) Pyrene	19.63	202	211085	4.107	ng/ul# 90
82) Benzo(a)anthracene	21.37	228	170456	3.270	ng/ul 94
84) Chrysene	21.42	228	161420m	3.417	ng/ul
87) Benzo(b)fluoranthene	22.99	252	337993	5.849	ng/ul 97
88) Benzo(k)fluoranthene	23.03	252	90011m	1.639	ng/ul
90) Benzo(a)pyrene	23.58	252	256129	4.658	ng/ul 94
91) Indeno(1,2,3-cd)pyrene	26.00	276	220849	3.333	ng/ul# 85
93) Benzo(g,h,i)perylene	26.72	276	207688	3.804	ng/ul# 92

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

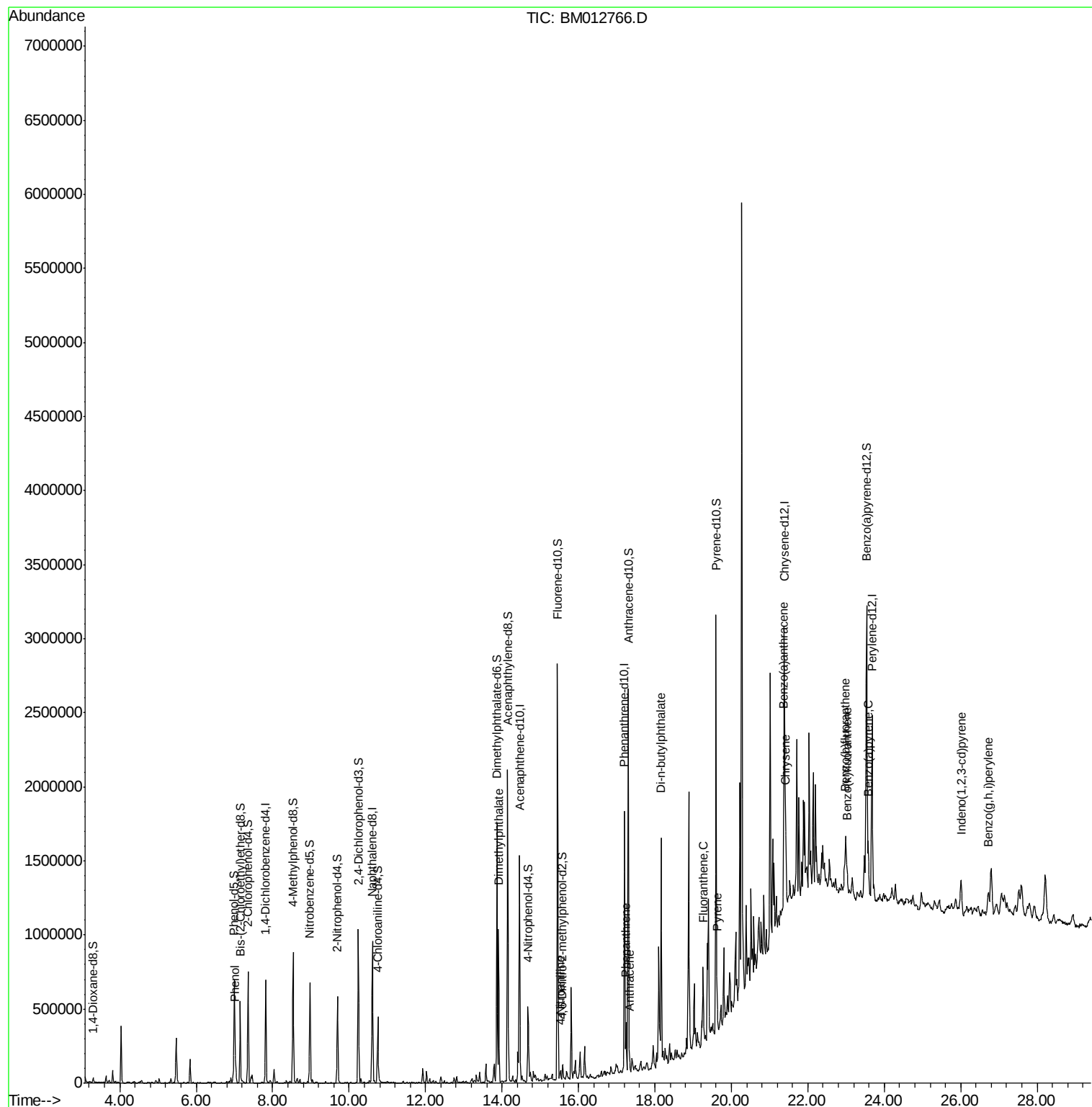
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012766.D
Acq On : 06 Nov 2017 07:34
Operator : SJ/JU
Sample : I5902-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

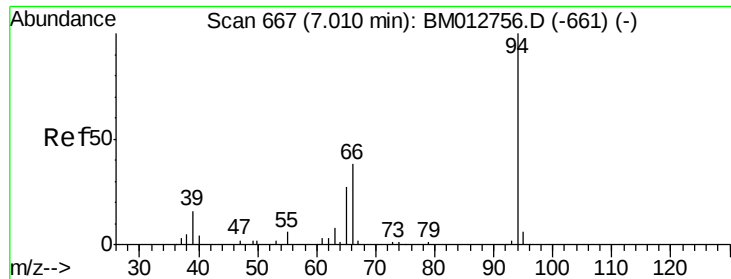
Instrument :
BNA_M
ClientSampled :
B-65(1.5-2.7)-101317

Quant Time: Nov 07 03:23:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 5.132 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012766.D

Acq: 06 Nov 2017 07:34

Instrument :

BNA_M

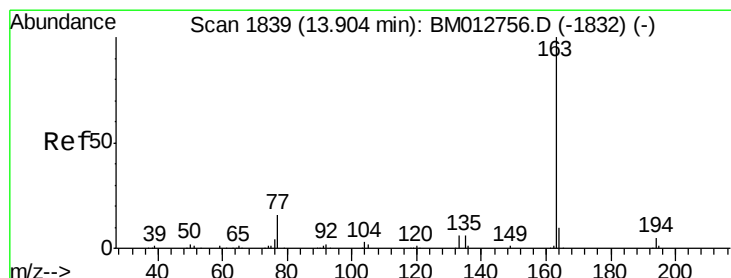
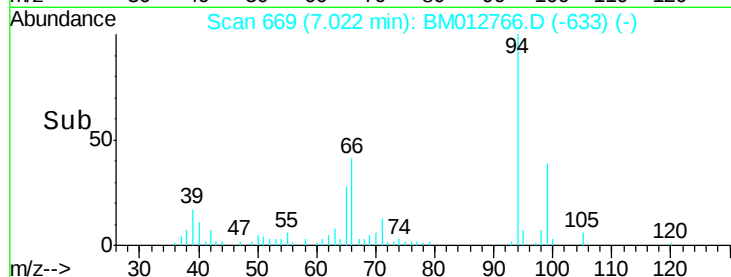
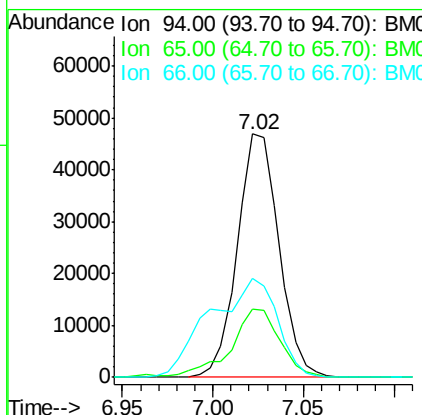
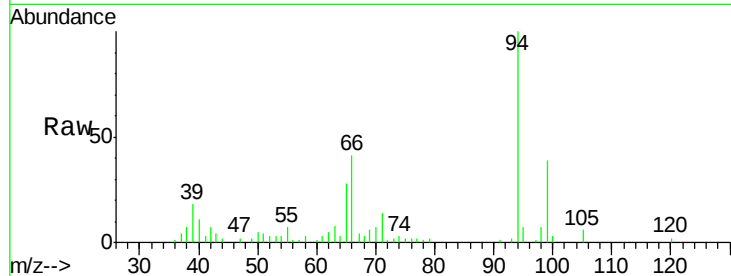
ClientSampleId :

B-65(1.5-2.7)-101317

Tgt Ion:	94	Resp:	74899
Ion Ratio	Lower	Upper	
94	100		
65	27.8	21.0	31.6
66	40.9	29.3	43.9

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#44

Dimethylphthalate

Concen: 16.741 ng/ul

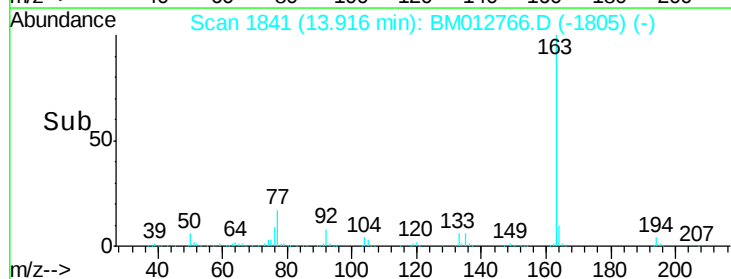
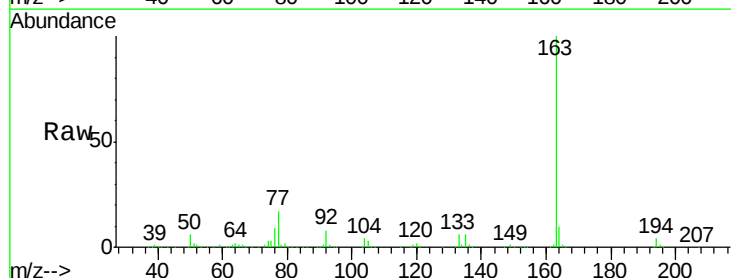
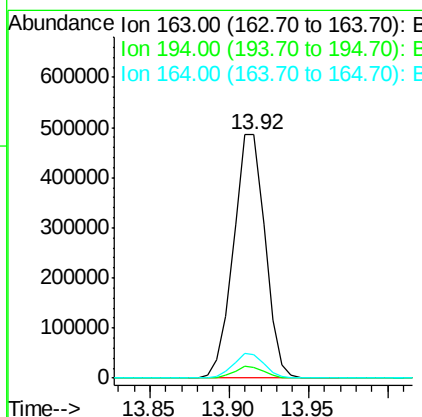
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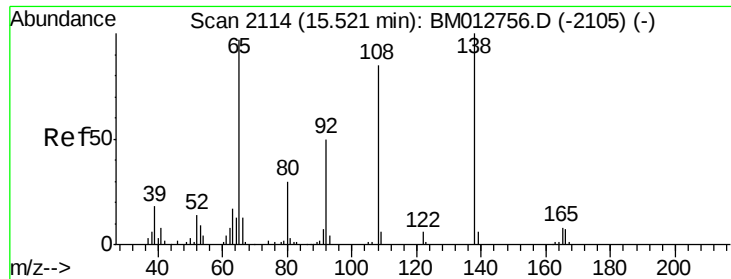
Delta R.T. 0.01 min

Lab File: BM012766.D

Acq: 06 Nov 2017 07:34

Tgt Ion:	163	Resp:	669693
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.2	4.8
164	9.8	7.8	11.8





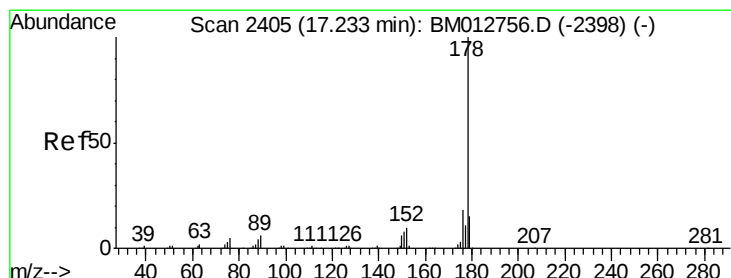
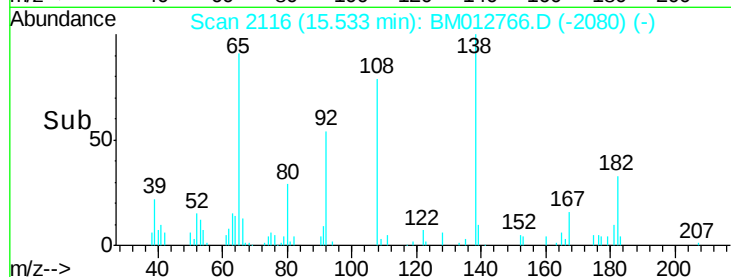
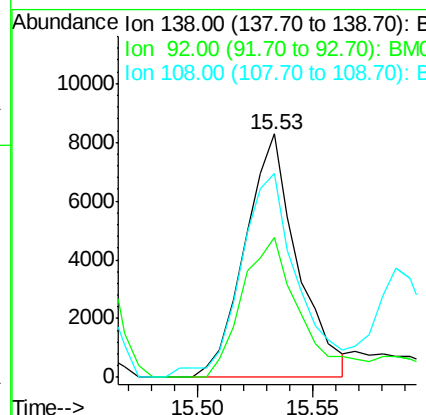
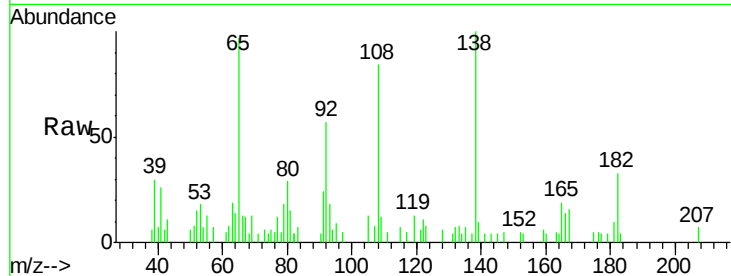
#60
4-Nitroaniline
Concen: 1.662 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

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BNA_M
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	40.6	60.8
108	83.6	67.0	100.6

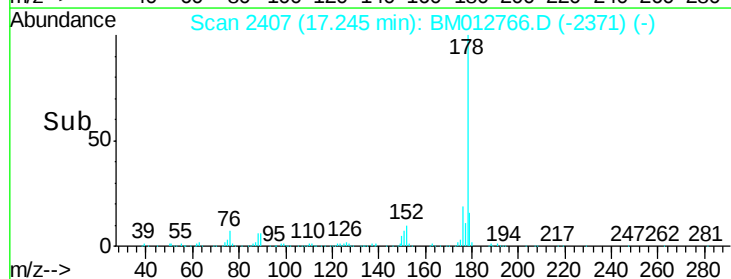
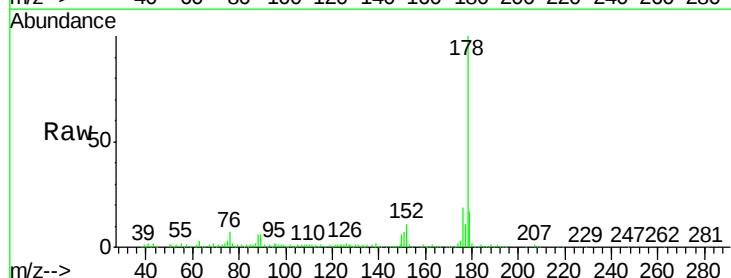
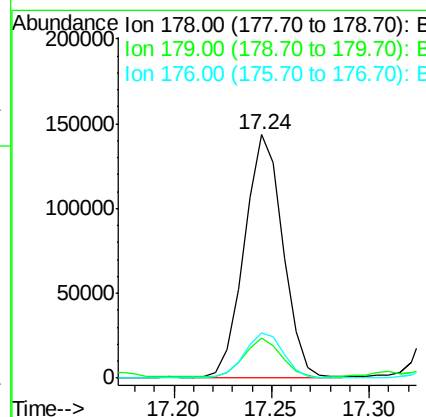
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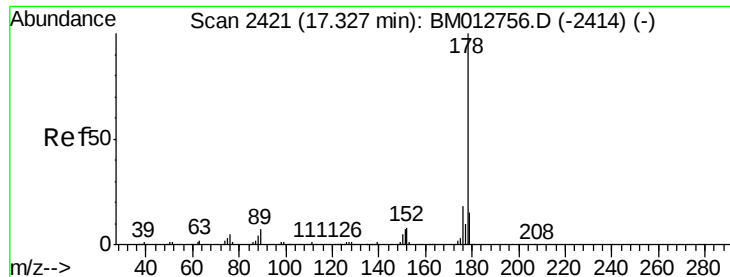
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#69
Phenanthrene
Concen: 3.391 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	18.7	15.6	23.4





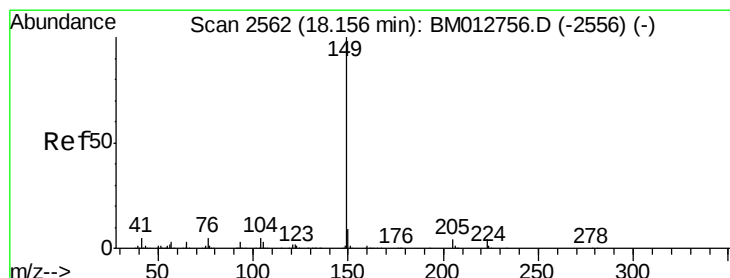
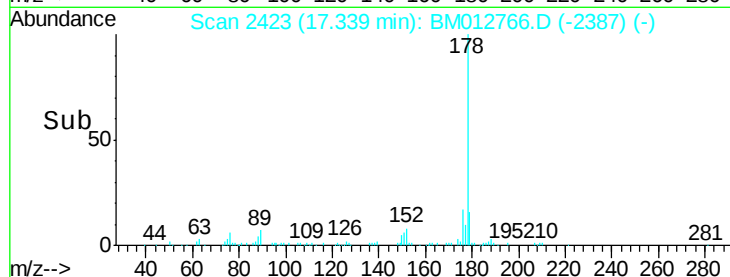
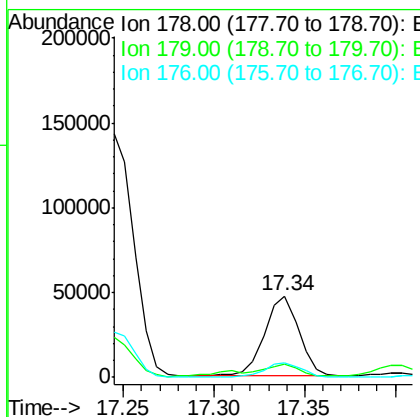
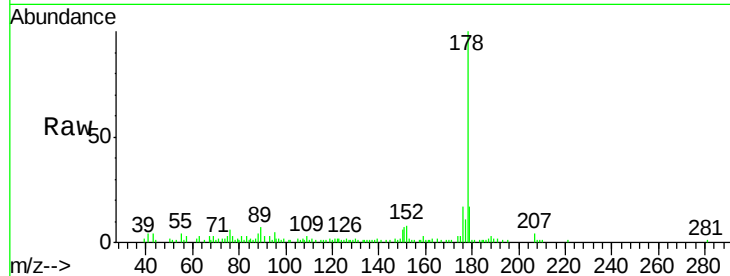
#71
 Anthracene
 Concen: 1.060 ng/ul
 RT: 17.34 min Scan# 2423
 Delta R.T. 0.01 min
 Lab File: BM012766.D
 Acq: 06 Nov 2017 07:34

Instrument :
 BNA_M
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.1	18.1
176	17.5	14.8	22.2

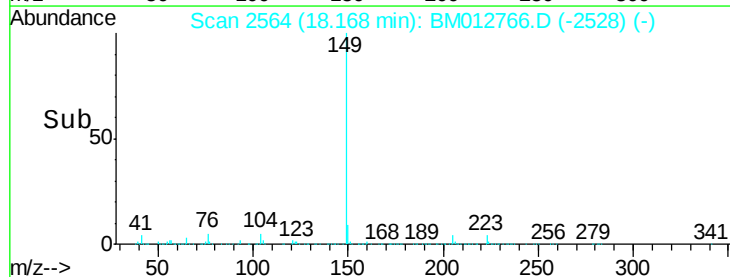
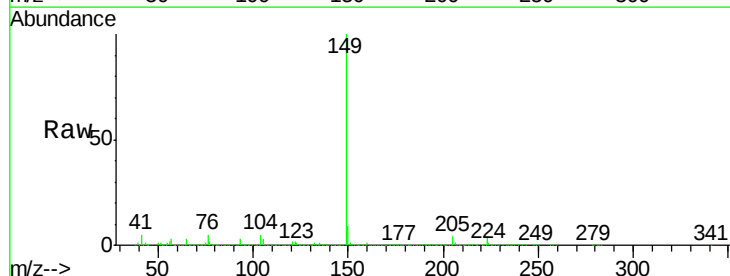
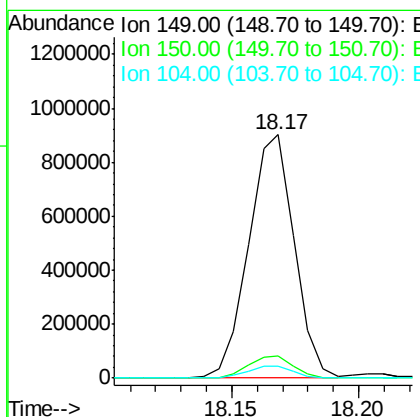
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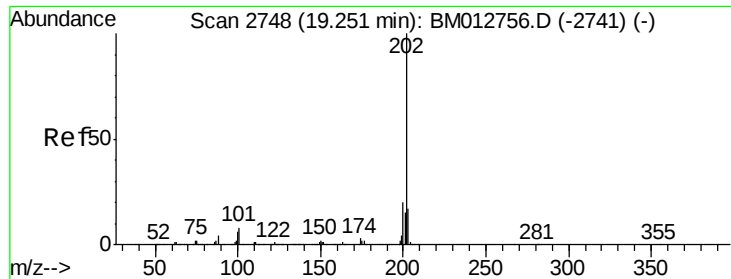
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#75
 Di-n-butylphthalate
 Concen: 19.377 ng/ul
 RT: 18.17 min Scan# 2564
 Delta R.T. 0.01 min
 Lab File: BM012766.D
 Acq: 06 Nov 2017 07:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.9	4.0	6.0





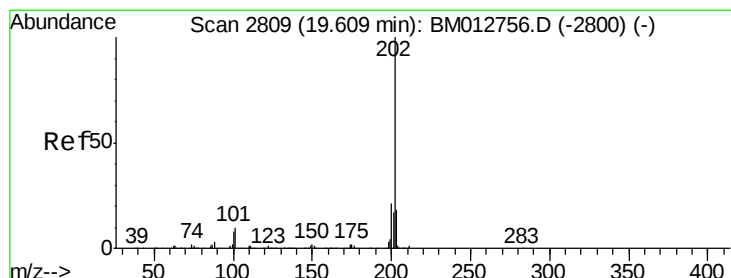
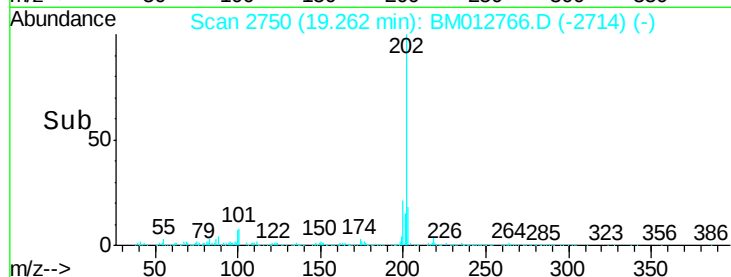
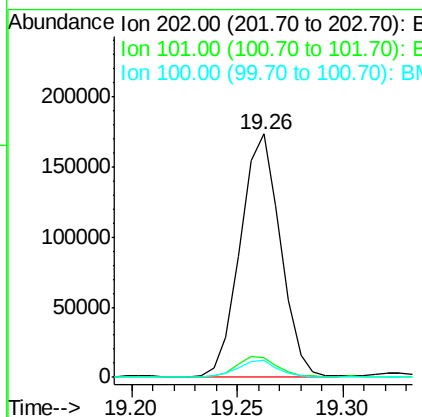
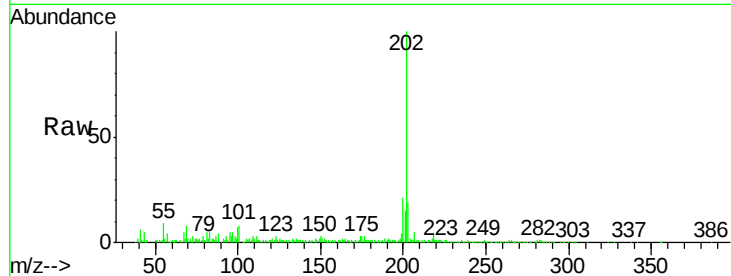
#76
 Fluoranthene
 Concen: 3.286 ng/ul
 RT: 19.26 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BM012766.D
 Acq: 06 Nov 2017 07:34

Instrument :
 BNA_M
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 B-65(1.5-2.7)-101317

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.0	8.8	13.2#
100	6.8	6.6	9.8

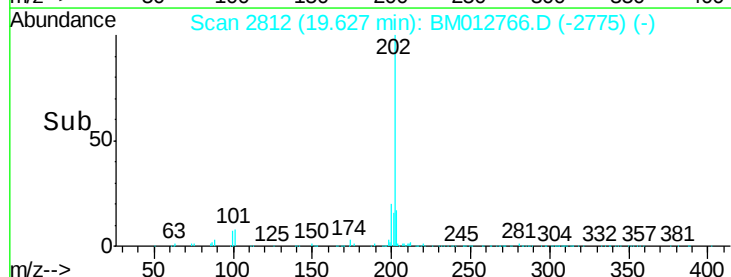
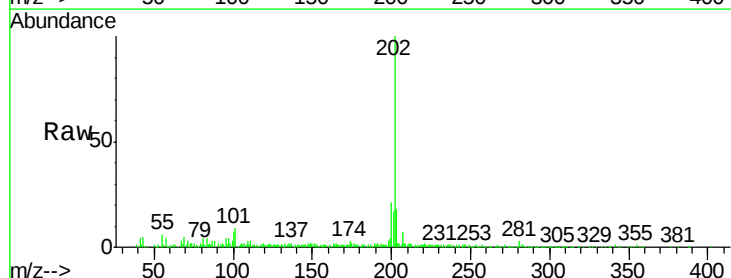
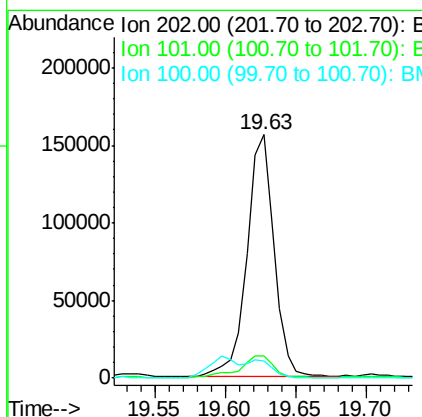
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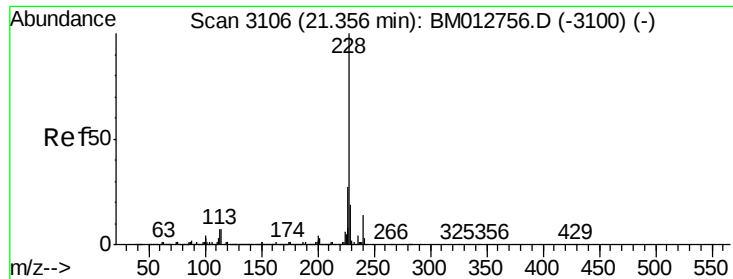
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#79
 Pyrene
 Concen: 4.107 ng/ul
 RT: 19.63 min Scan# 2812
 Delta R.T. 0.02 min
 Lab File: BM012766.D
 Acq: 06 Nov 2017 07:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	10.2	15.2#
100	6.9	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 3.270 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM012766.D

Acq: 06 Nov 2017 07:34

Instrument :

BNA_M

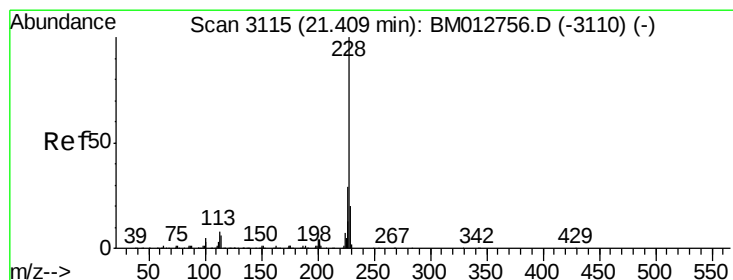
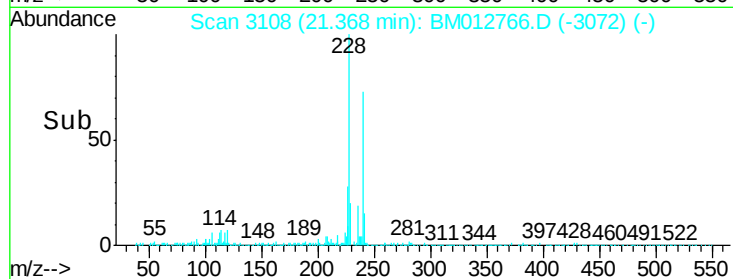
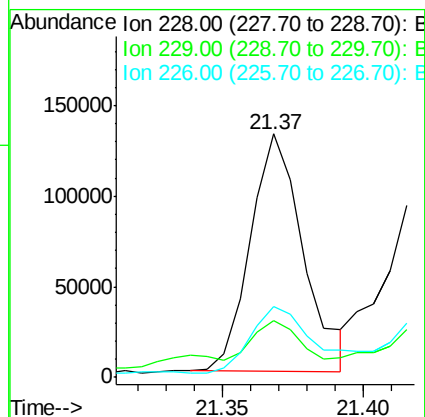
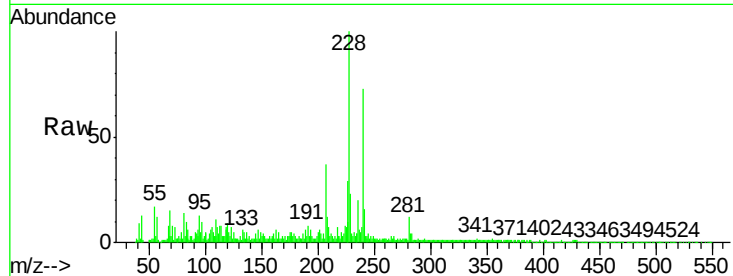
ClientSampleId :

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Tgt Ion:	228	Resp:	170456
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.7	23.5
226	29.1	21.8	32.6

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#84

Chrysene

Concen: 3.417 ng/ul m

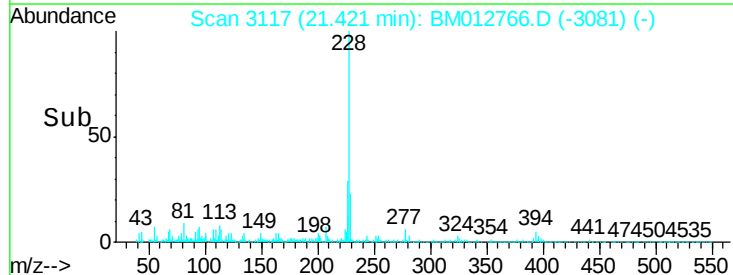
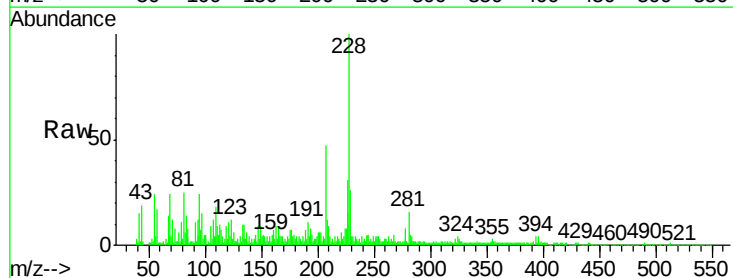
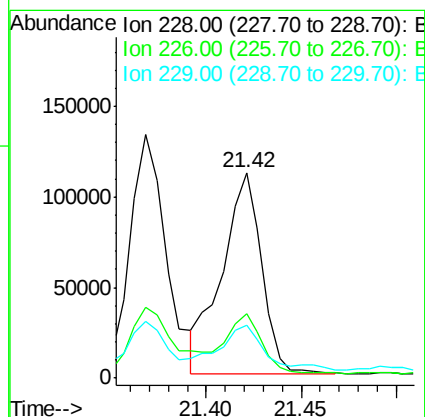
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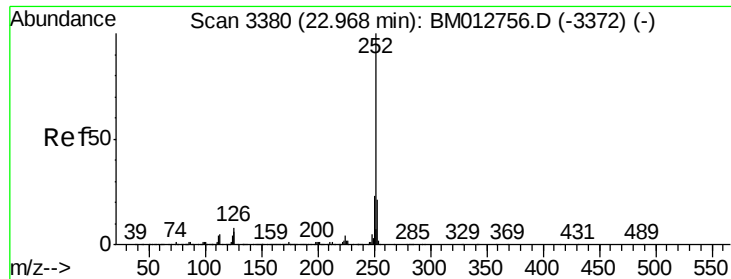
Delta R.T. 0.01 min

Lab File: BM012766.D

Acq: 06 Nov 2017 07:34

Tgt Ion:	228	Resp:	161420
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.0	36.0
229	26.0	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 5.849 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. 0.02 min

Lab File: BM012766.D

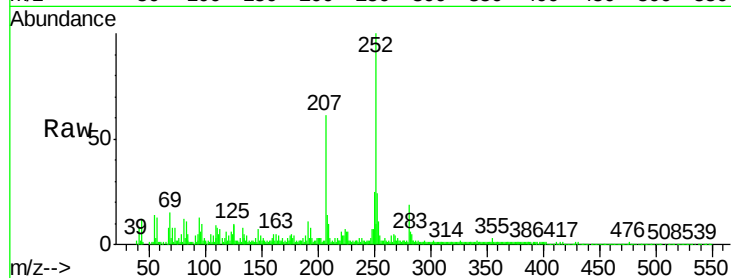
Acq: 06 Nov 2017 07:34

Instrument :

BNA_M

ClientSampleId :

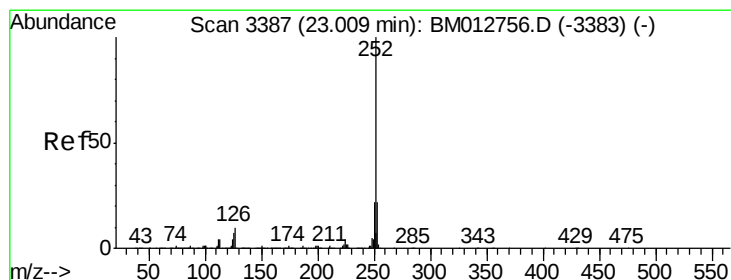
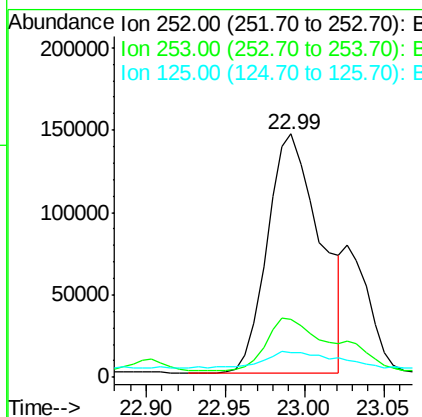
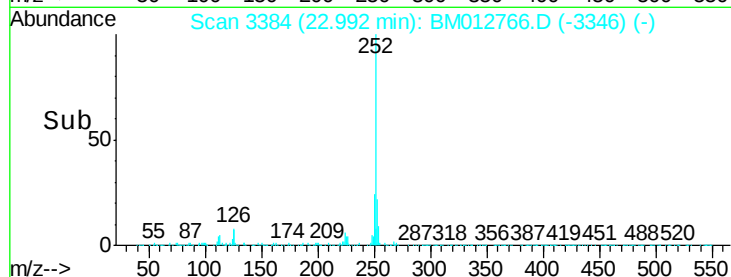
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.4	8.5	12.7

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#88

Benzo(k)fluoranthene

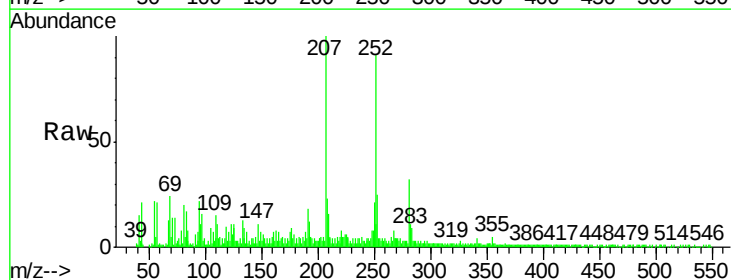
Concen: 1.639 ng/ul m

RT: 23.03 min Scan# 3390

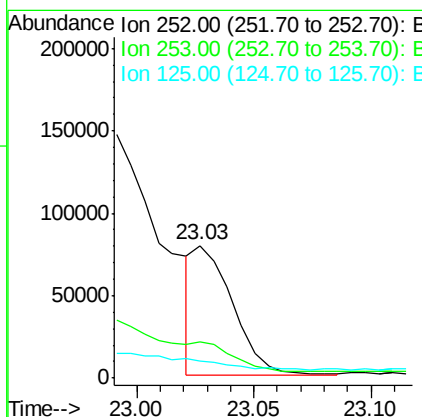
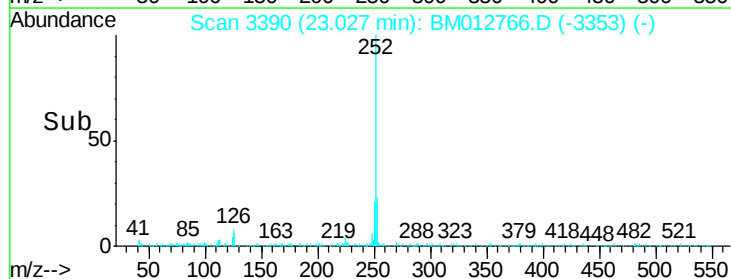
Delta R.T. 0.02 min

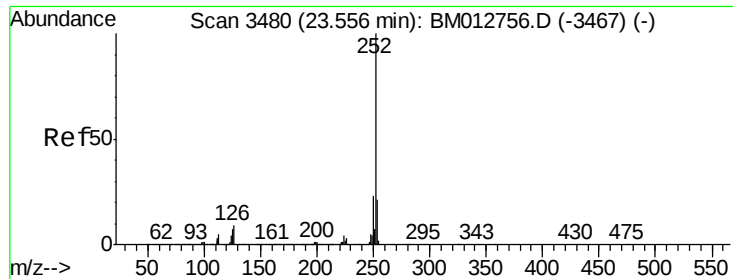
Lab File: BM012766.D

Acq: 06 Nov 2017 07:34



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.3	25.9#
125	12.5	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 4.658 ng/ul

RT: 23.58 min Scan# 3484

Delta R.T. 0.02 min

Lab File: BM012766.D

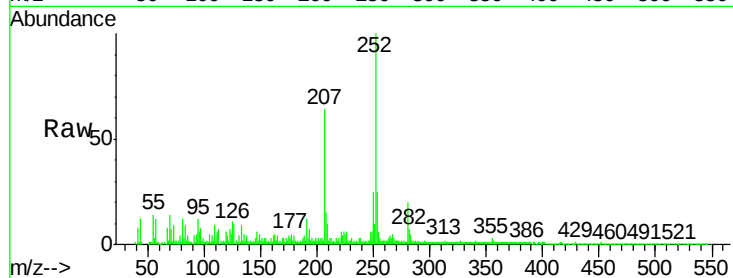
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Instrument :

BNA_M

ClientSampleId :

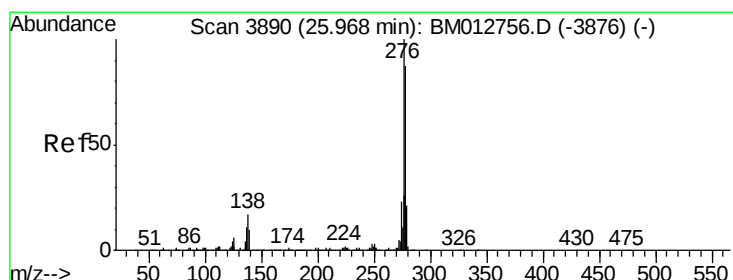
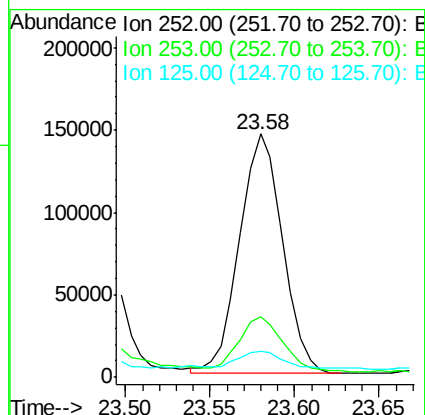
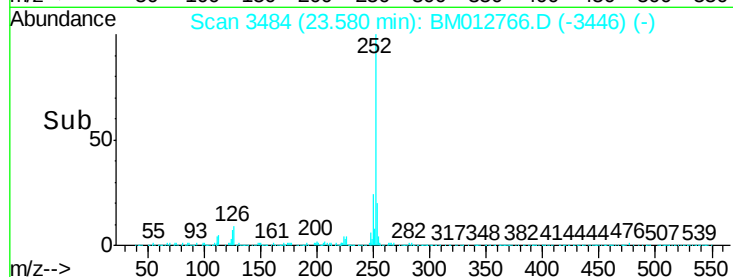
B-65(1.5-2.7)-101317



Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.1	17.2	25.8	
125	10.6	9.0	13.6	

Manual Integrations
APPROVED

Sohil
11/7/2017 5:35:04 PM



#91

Indeno(1,2,3-cd)pyrene

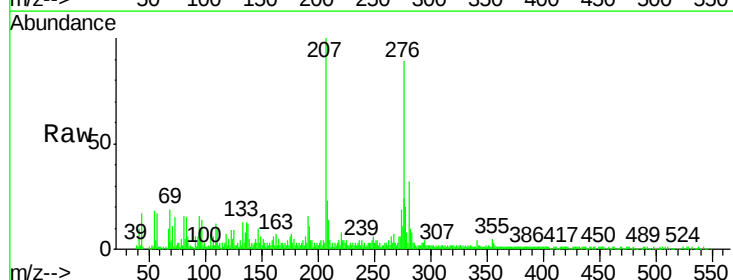
Concen: 3.333 ng/ul

RT: 26.00 min Scan# 3896

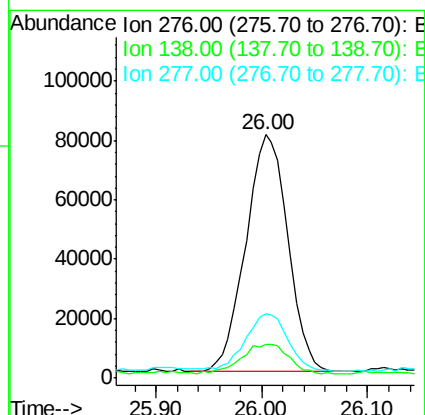
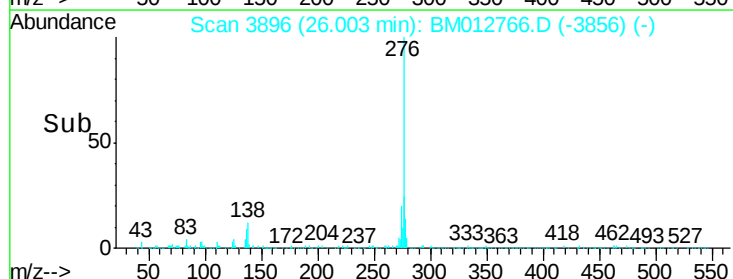
Delta R.T. 0.04 min

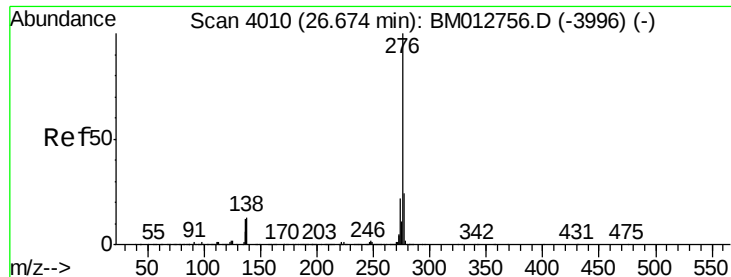
Lab File: BM012766.D

Acq: 06 Nov 2017 07:34



Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	13.7	22.3	33.5#	
277	26.4	20.2	30.2	





#93

Benzo(g,h,i)perylene

Concen: 3.804 ng/ul

RT: 26.72 min Scan# 4018

Delta R.T. 0.05 min

Lab File: BM012766.D

Acq: 06 Nov 2017 07:34

Instrument :

BNA_M

ClientSampleId :

B-65(1.5-2.7)-101317

Tgt	Ion	276	Resp:	207688
	Ratio	100	Lower	Upper
	138	16.1	18.9	28.3#
	277	24.6	19.2	28.8

Manual Integrations
APPROVED

Sohil

11/7/2017 5:35:04 PM

