

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

Manual Integrations
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 11/9/2017 3:49:06 PM

Quant Time: Nov 09 10:20:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	151668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	637442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	390727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	853465	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	690061	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	760780	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5116	1.82	ng/uL	0.00
5) Phenol-d5	6.98	99	121355	10.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	60686	9.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	98445	10.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	96995	9.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	46825	9.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	59670	11.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	124576	11.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	118786	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	452372	13.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	436139	10.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	89828	17.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	364471	13.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	13968	2.48	ng/ul	0.00
70) Anthracene-d10	17.29	188	778652	18.88	ng/ul	0.00
78) Pyrene-d10	19.59	212	904568	28.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	933186	25.94	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.01	94	12610	1.089	ng/ul#	91
44) Dimethylphthalate	13.90	163	180153	5.615	ng/ul	98
69) Phenanthrene	17.23	178	305205	6.543	ng/ul	99
71) Anthracene	17.32	178	67055	1.386	ng/ul	99
76) Fluoranthene	19.25	202	666195m	11.884	ng/ul	
79) Pyrene	19.62	202	659194	16.011	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	362481	8.681	ng/ul	96
84) Chrysene	21.41	228	368682	9.742	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	589597	12.682	ng/ul#	95
88) Benzo(k)fluoranthene	23.01	252	192477m	4.355	ng/ul	
90) Benzo(a)pyrene	23.57	252	441369m	9.977	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.98	276	354936	6.657	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.98	278	92982	2.060	ng/ul#	88
93) Benzo(g,h,i)perylene	26.69	276	317854	7.235	ng/ul#	90

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

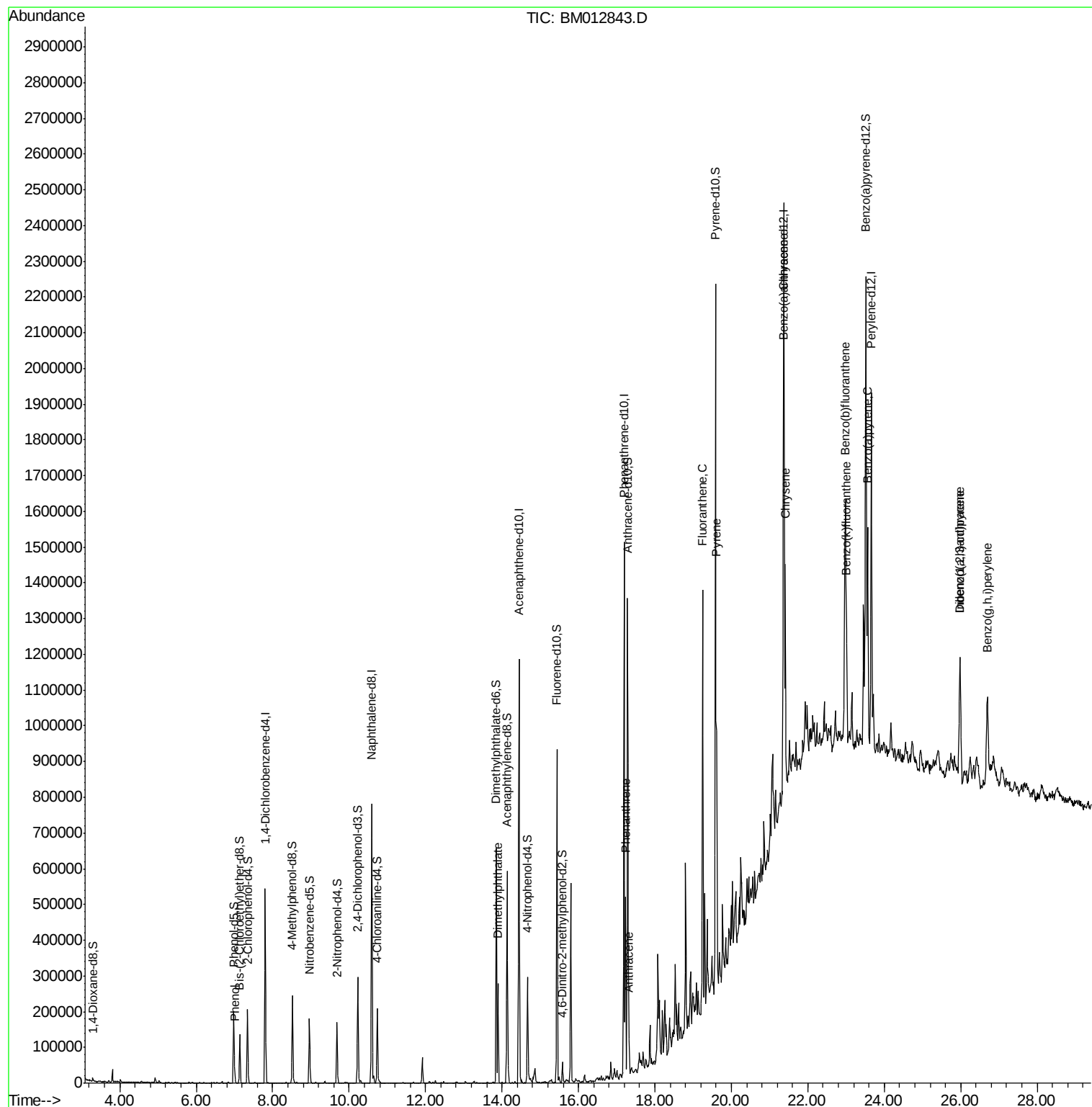
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012843.D
Acq On : 09 Nov 2017 08:31
Operator : SJ/JU
Sample : I6096-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

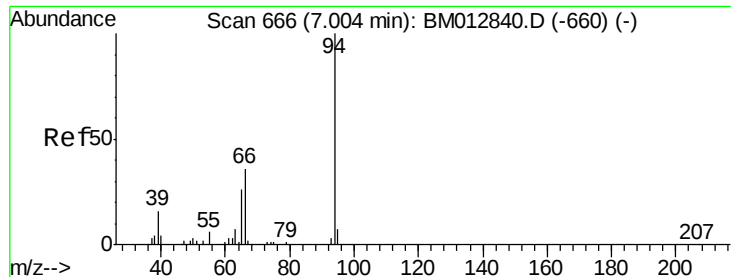
Instrument :
BNA_M
ClientSampleId :
B-76(1-3)-102317

Quant Time: Nov 09 10:20:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 1.089 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

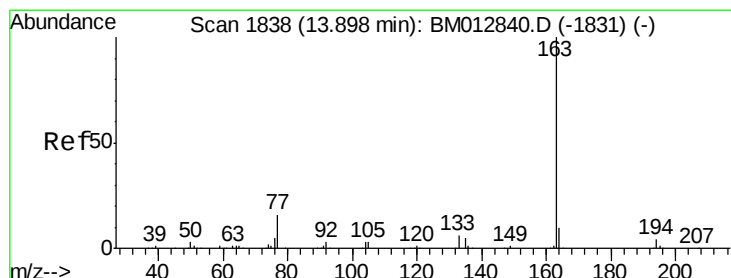
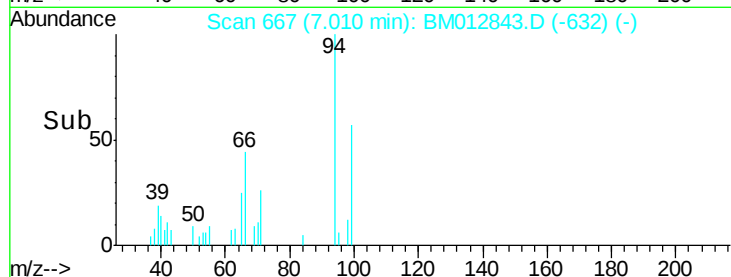
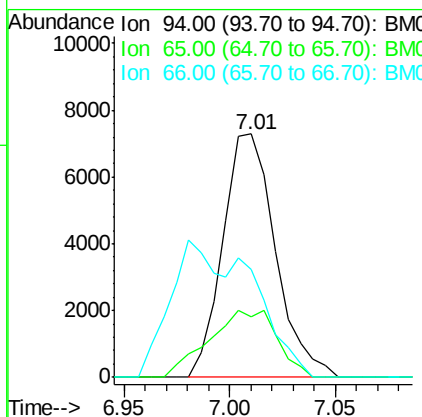
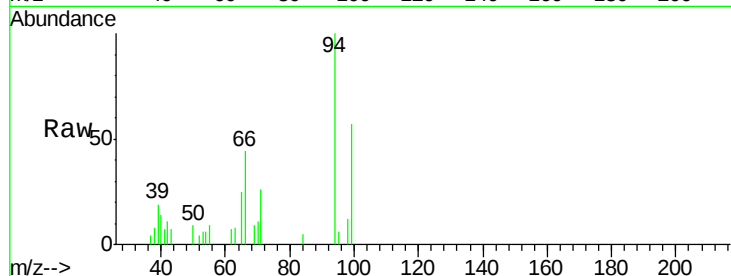
ClientSampleId :

B-76(1-3)-102317

Tgt Ion:	94	Resp:	12610
Ion Ratio	Lower	Upper	
94	100		
65	24.9	21.0	31.6
66	44.1	29.3	43.9#

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#44

Dimethylphthalate

Concen: 5.615 ng/ul

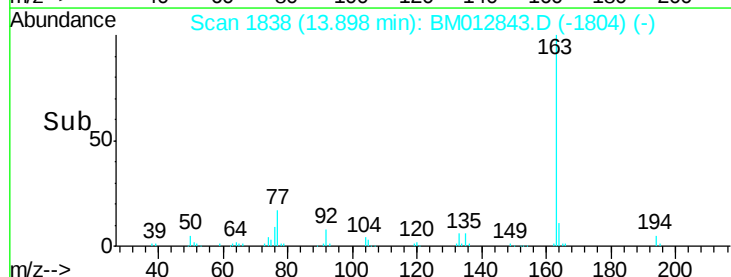
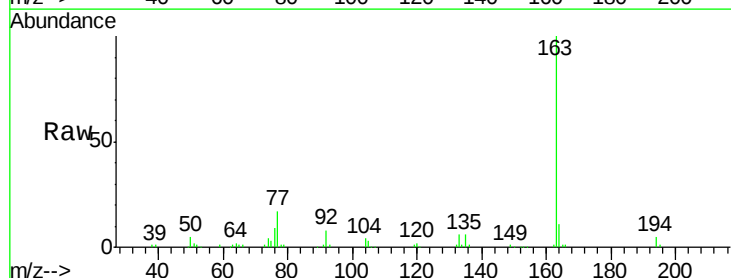
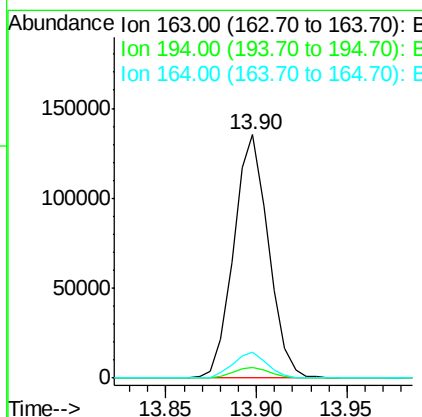
RT: 13.90 min Scan# 1838

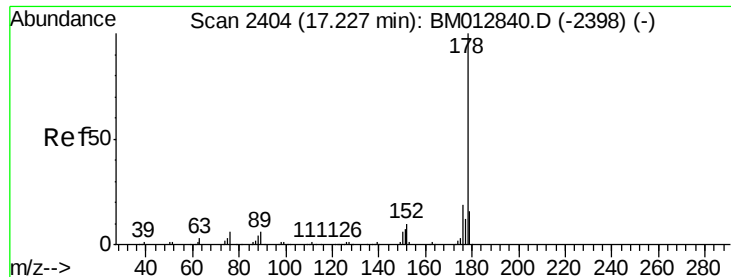
Delta R.T. 0.00 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion:	163	Resp:	180153
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.2	4.8
164	10.7	7.8	11.8





#69

Phenanthrene

Concen: 6.543 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

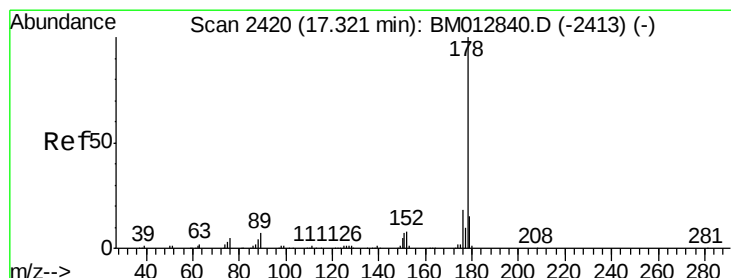
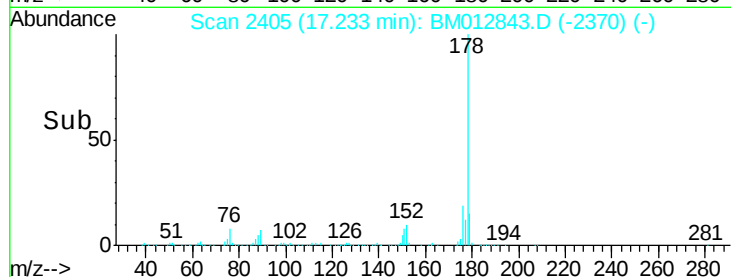
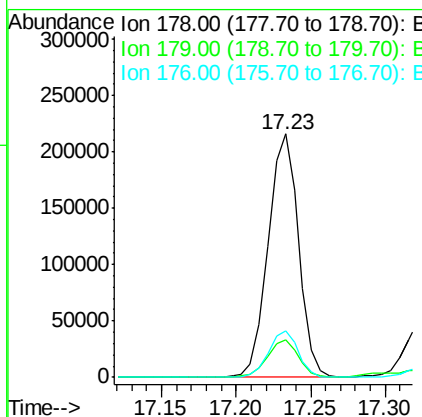
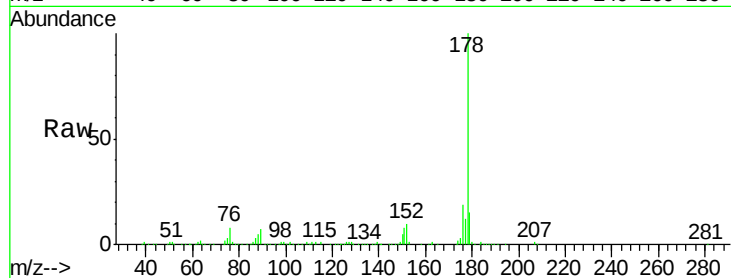
ClientSampleId :

B-76(1-3)-102317

Tgt Ion:	178	Resp:	305205
Ion Ratio		Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.2	15.6	23.4

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#71

Anthracene

Concen: 1.386 ng/ul

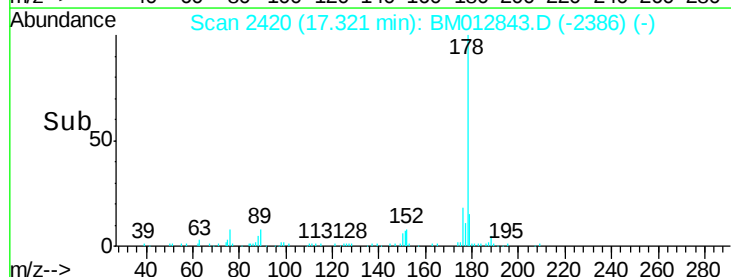
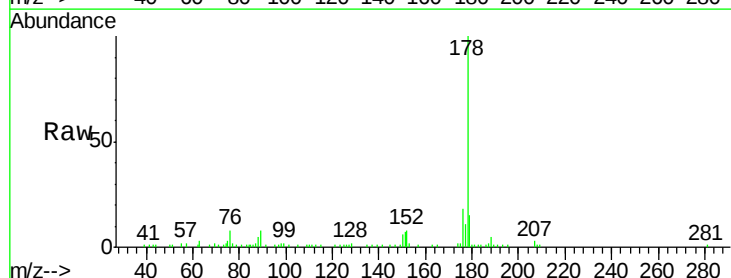
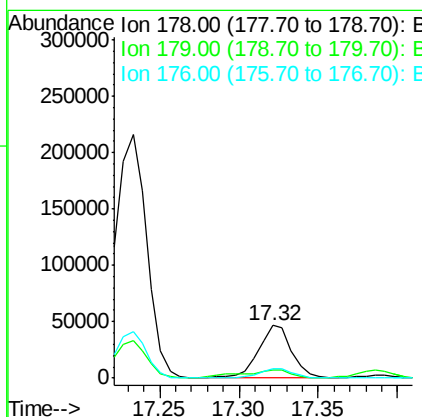
RT: 17.32 min Scan# 2420

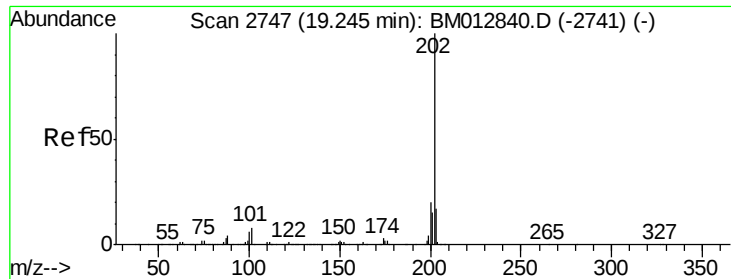
Delta R.T. 0.00 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion:	178	Resp:	67055
Ion Ratio		Lower	Upper
178	100		
179	14.8	12.1	18.1
176	17.9	14.8	22.2





#76

Fluoranthene

Concen: 11.884 ng/ul m

RT: 19.25 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

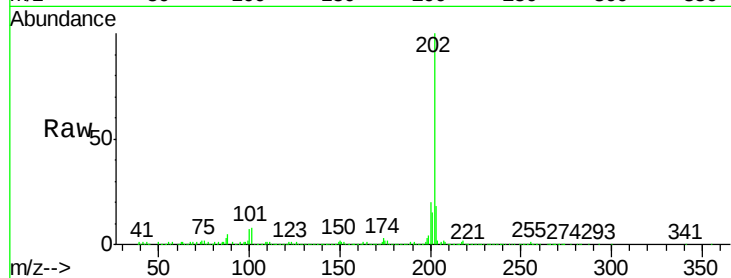
ClientSampleId :

B-76(1-3)-102317

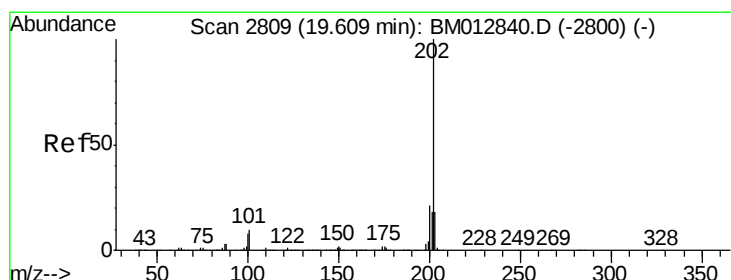
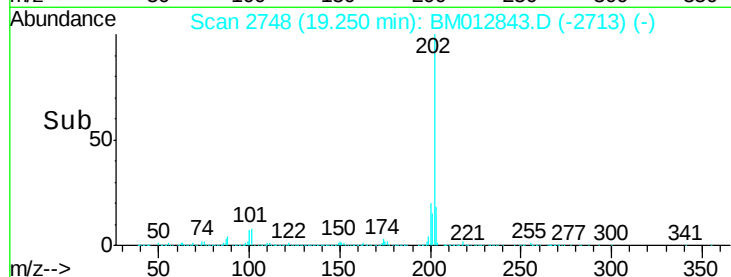
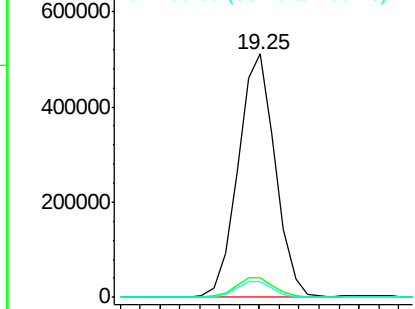
Tgt	Ion	202	Resp:	666195
Ion	Ratio		Lower	Upper
202	100			
101	8.2		8.8	13.2#
100	6.6		6.6	9.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 16.011 ng/ul

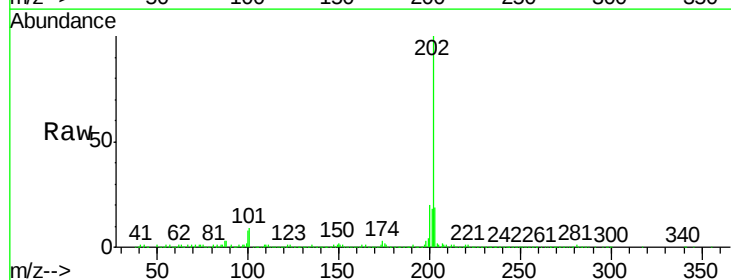
RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

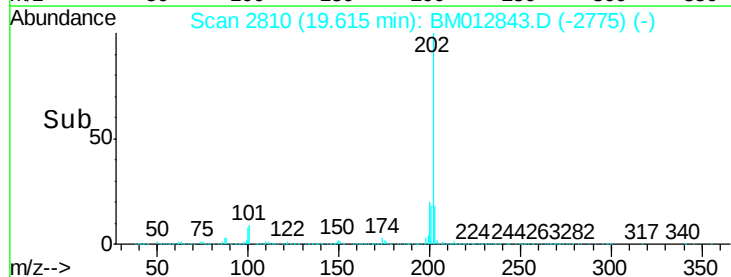
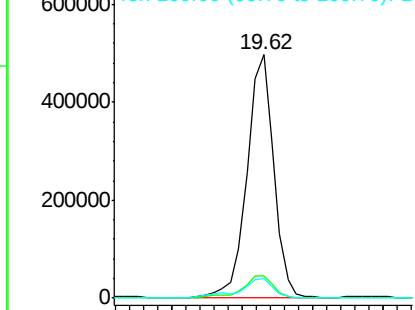
Lab File: BM012843.D

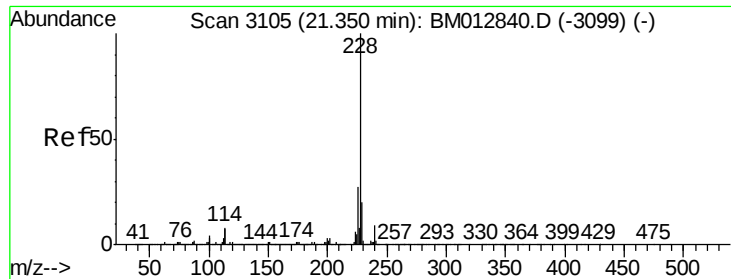
Acq: 09 Nov 2017 08:31

Tgt	Ion	202	Resp:	659194
Ion	Ratio		Lower	Upper
202	100			
101	9.2		10.2	15.2#
100	7.9		8.5	12.7#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 8.681 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

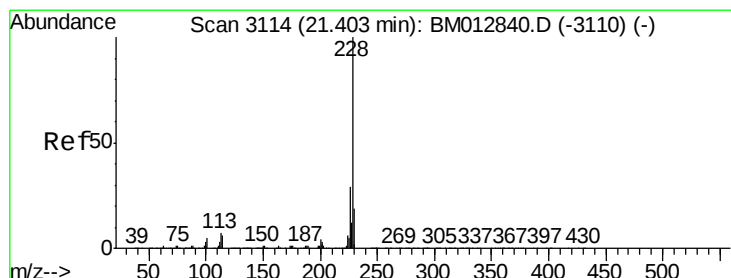
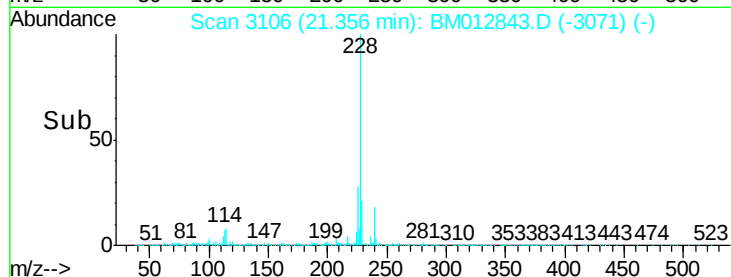
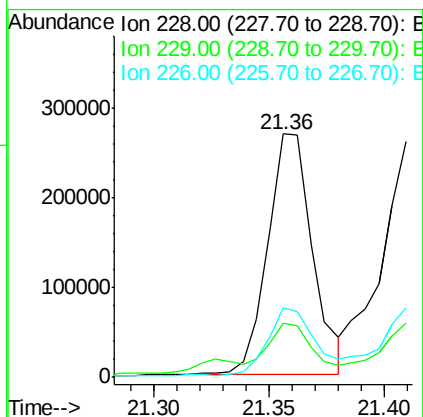
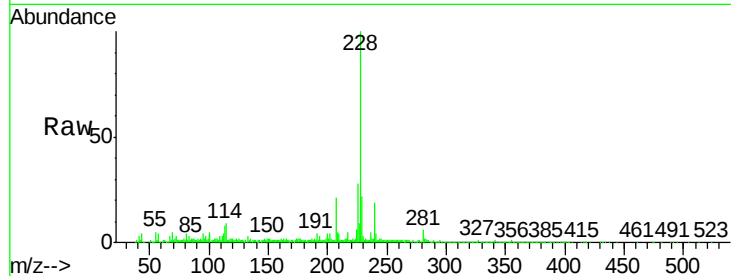
ClientSampleId :

B-76(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	28.5	21.8	32.6

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#84

Chrysene

Concen: 9.742 ng/ul

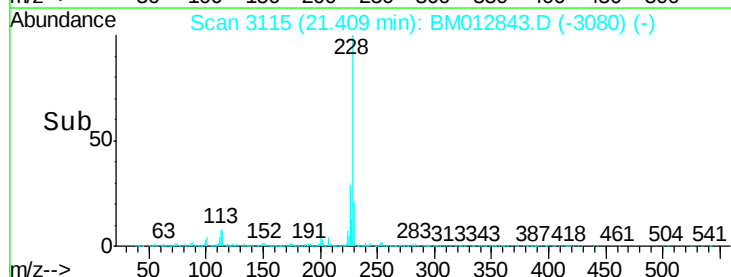
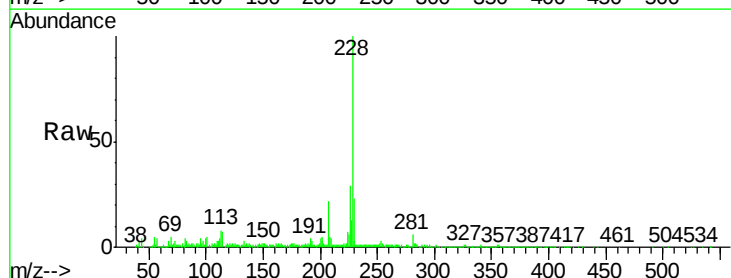
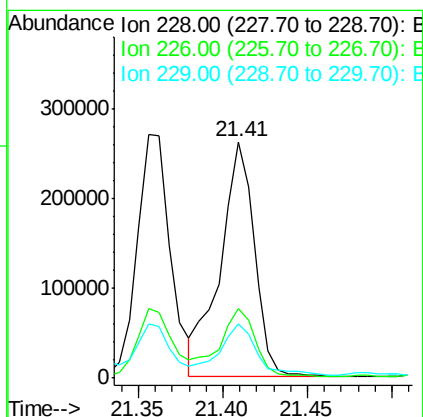
RT: 21.41 min Scan# 3115

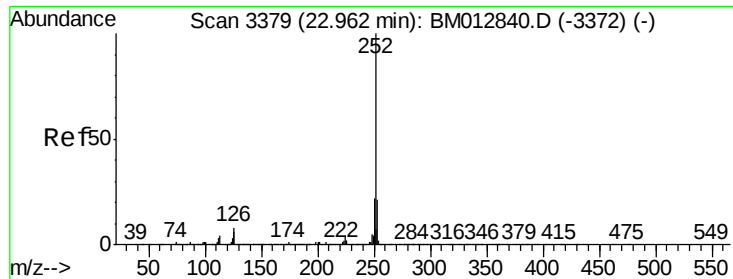
Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	22.8	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 12.682 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

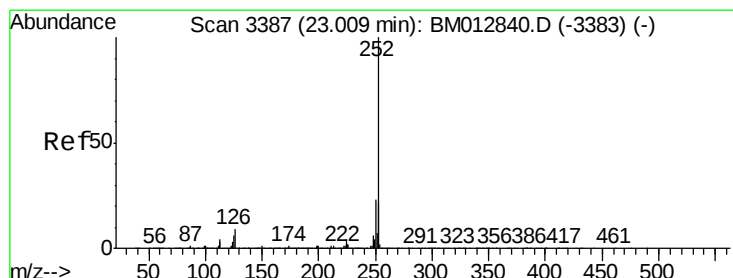
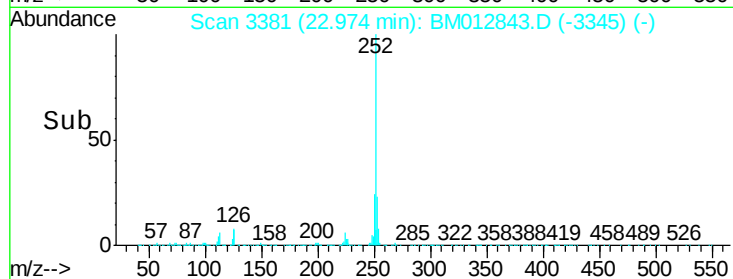
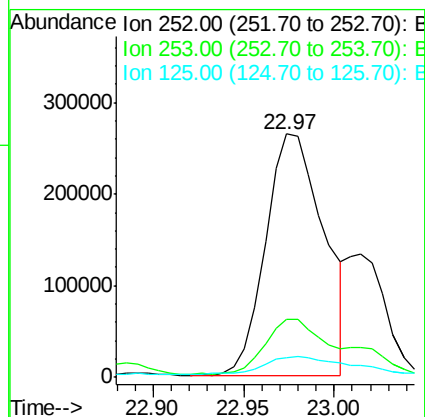
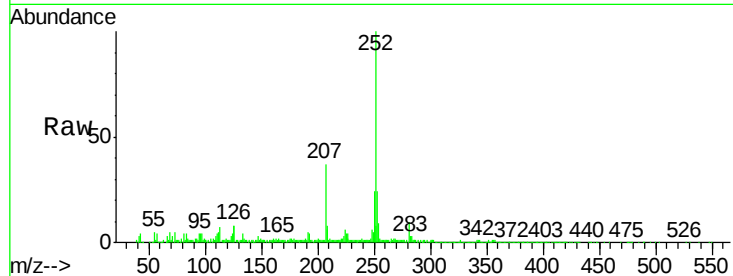
ClientSampleId :

B-76(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	8.2	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 4.355 ng/ul m

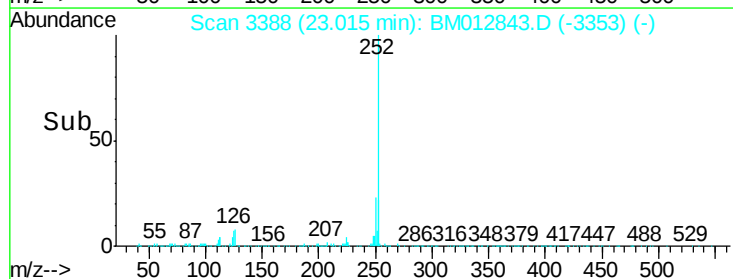
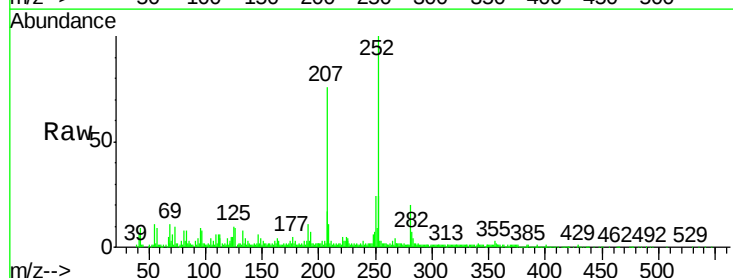
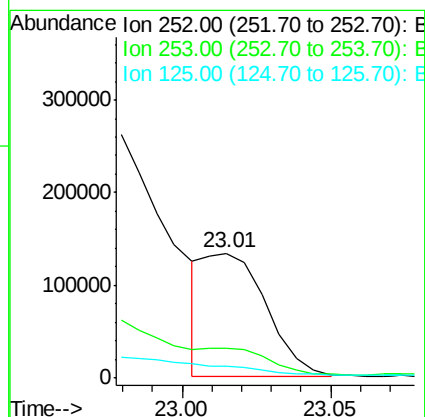
RT: 23.01 min Scan# 3388

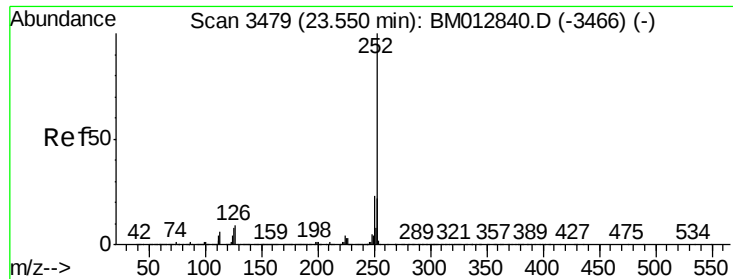
Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	9.7	8.2	12.2





#90

Benzo(a)pyrene

Concen: 9.977 ng/ul m

RT: 23.57 min Scan# 3482

Delta R.T. 0.02 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

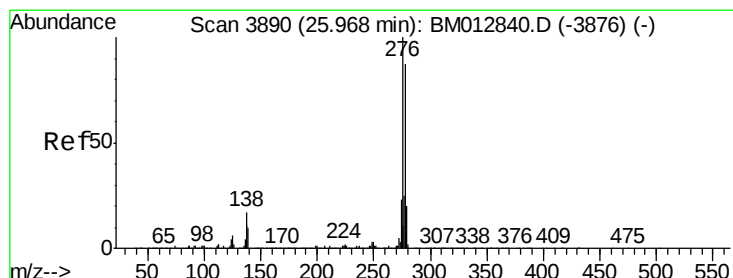
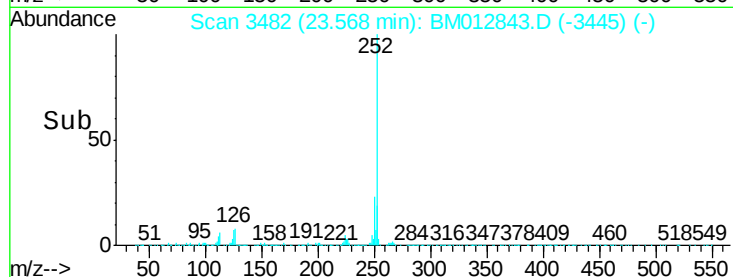
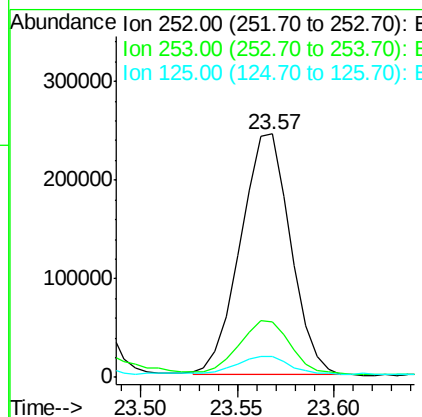
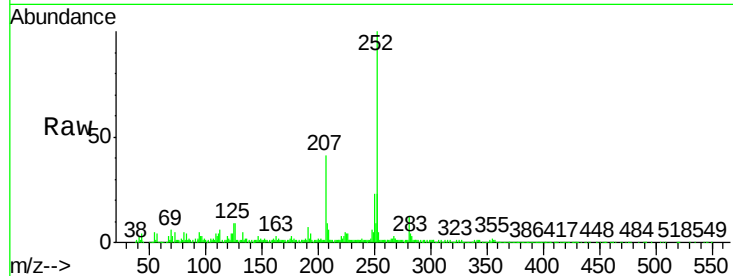
ClientSampleId :

B-76(1-3)-102317

Tgt Ion:	252	Resp:	441369
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	8.5	9.0	13.6#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 6.657 ng/ul

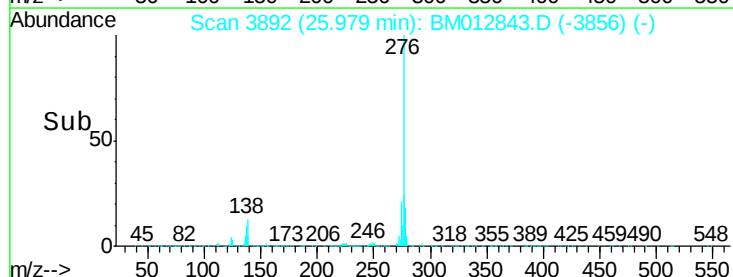
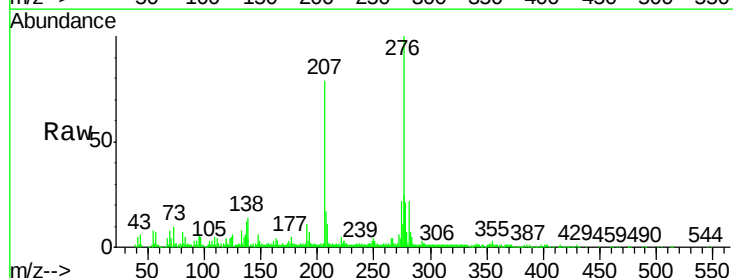
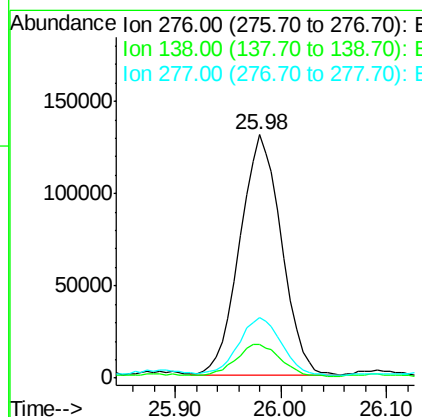
RT: 25.98 min Scan# 3892

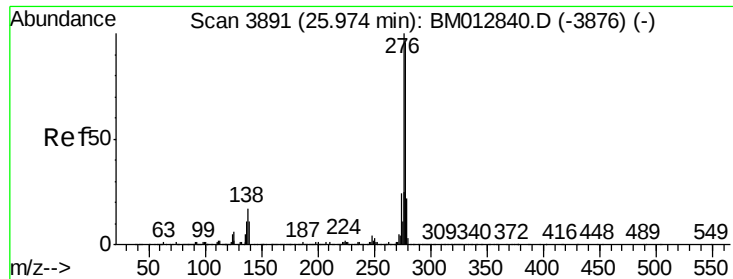
Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt Ion:	276	Resp:	354936
Ion Ratio	Lower	Upper	
276	100		
138	13.7	22.3	33.5#
277	25.0	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 2.060 ng/ul

RT: 25.98 min Scan# 3892

Delta R.T. 0.01 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Instrument :

BNA_M

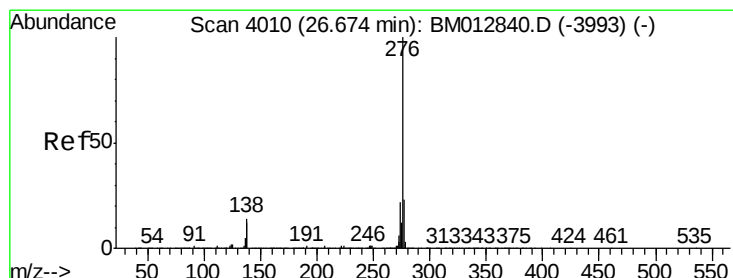
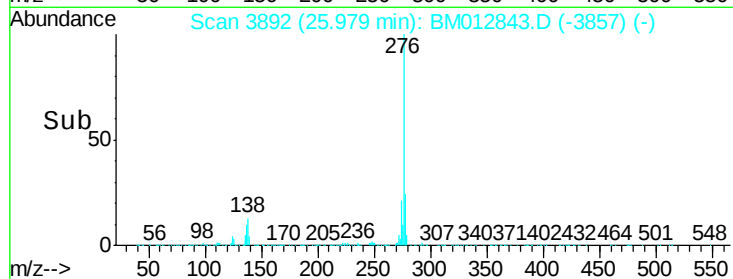
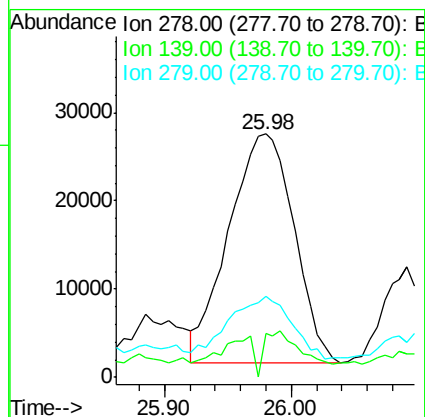
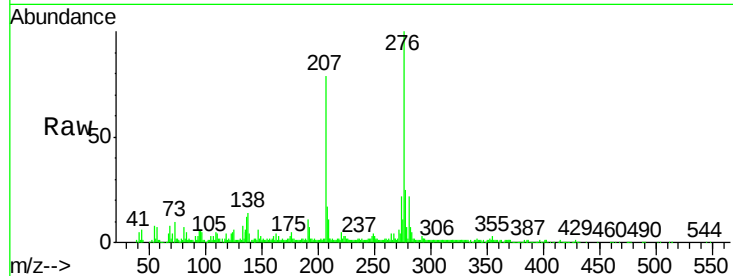
ClientSampleId :

B-76(1-3)-102317

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	18.1	13.9	20.9	
279	33.1	19.0	28.4	

Manual Integrations
APPROVED

Sohil
11/9/2017 3:49:06 PM



#93

Benzo(g,h,i)perylene

Concen: 7.235 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM012843.D

Acq: 09 Nov 2017 08:31

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	14.9	18.9	28.3	
277	25.4	19.2	28.8	

