

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012734.D
 Acq On : 05 Nov 2017 07:15
 Operator : SJ/JU
 Sample : I5825-11 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-5

Manual Integrations
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 11/6/2017 4:24:45 PM

Quant Time: Nov 06 04:58:18 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	7.82	152	88614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	331324	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	192917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	445261	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	558510	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	634128	20.00	ng/ul	0.02

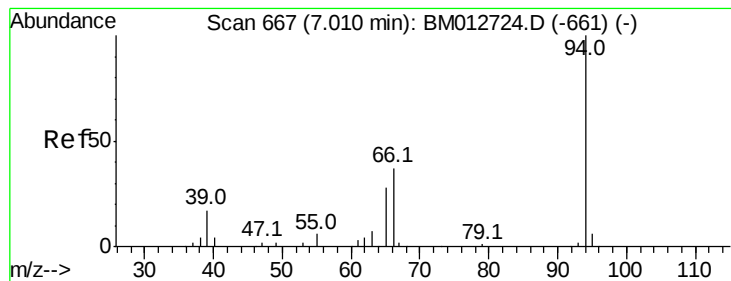
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3460	2.11	ng/uL	0.00
5) Phenol-d5	6.99	99	78543	11.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	46541	13.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	70838	12.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	48115	8.45	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	34238	13.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	36412	13.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	70231	12.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	26970	4.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	211432	13.24	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	283019	14.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	14488m	5.66	ng/ul	0.02
57) Fluorene-d10	15.44	176	203653	14.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	6903	2.35	ng/ul	0.00
70) Anthracene-d10	17.30	188	324513	15.08	ng/ul	0.00
78) Pyrene-d10	19.59	212	373221	14.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	445295	14.85	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.02	94	14034	2.073	ng/ul	97
44) Dimethylphthalate	13.91	163	123251	7.780	ng/ul	99
47) Acenaphthylene	14.17	152	61103	3.192	ng/ul	99
69) Phenanthrene	17.24	178	274038	11.260	ng/ul	99
71) Anthracene	17.33	178	104282	4.133	ng/ul	98
74) Carbazole	17.60	167	30324	1.441	ng/ul	98
75) Di-n-butylphthalate	18.16	149	55602	2.255	ng/ul	98
76) Fluoranthene	19.26	202	732739	25.055	ng/ul#	92
79) Pyrene	19.62	202	627726	18.838	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	432224	12.789	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.29	149	25345	1.432	ng/ul#	78
84) Chrysene	21.42	228	408309	13.331	ng/ul	96
87) Benzo(b)fluoranthene	22.98	252	653237	16.857	ng/ul	94
88) Benzo(k)fluoranthene	23.02	252	195235m	5.300	ng/ul	
90) Benzo(a)pyrene	23.57	252	451496	12.244	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.99	276	355899	8.008	ng/ul#	84
92) Dibenzo(a,h)anthracene	25.99	278	95853	2.548	ng/ul#	87
93) Benzo(g,h,i)perylene	26.70	276	303863	8.298	ng/ul#	90

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



#6

Phenol

Concen: 2.073 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012734.D

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Instrument :

BNA_M

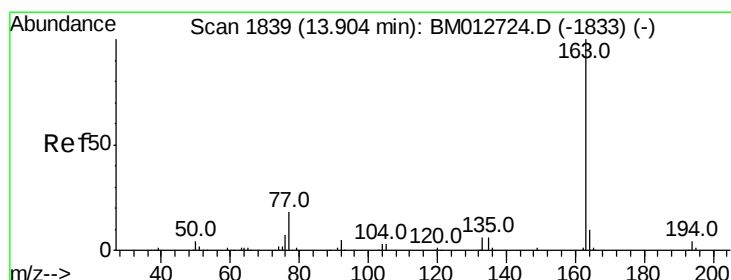
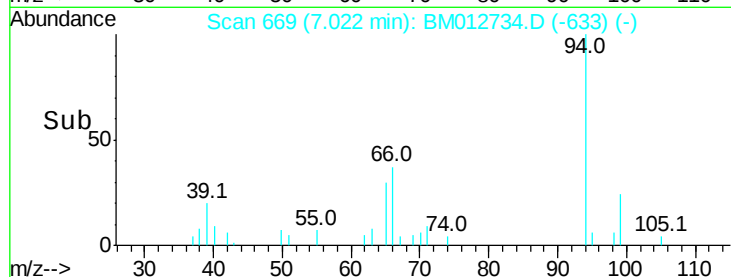
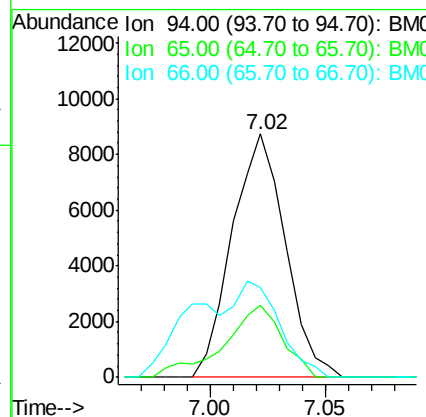
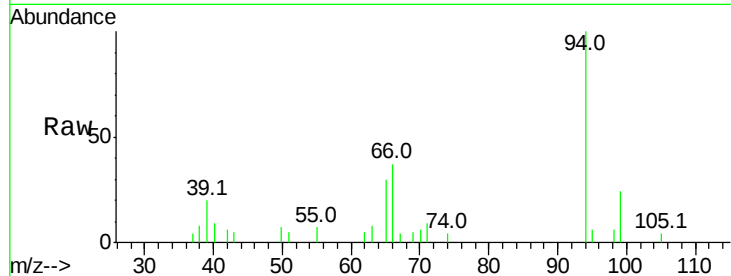
ClientSampled :

DUP-5

Tot Ion:	94	Resp:	14034
Ion Ratio	Lower	Upper	
94	100		
65	29.8	21.0	31.6
66	36.7	29.3	43.9

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#44

Dimethylphthalate

Concen: 7.780 ng/ul

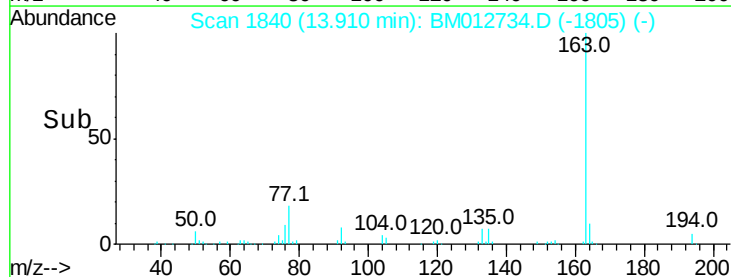
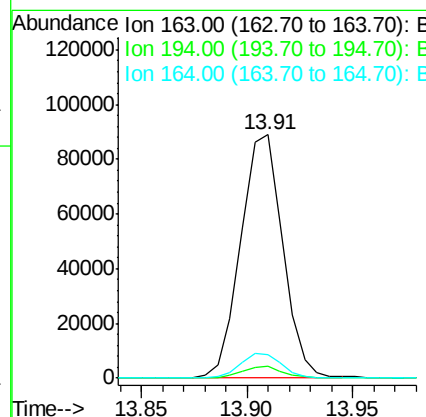
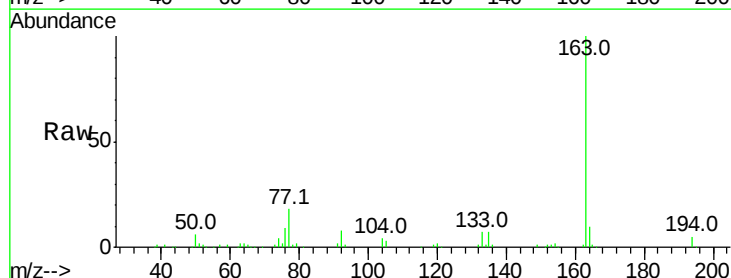
RT: 13.91 min Scan# 1840

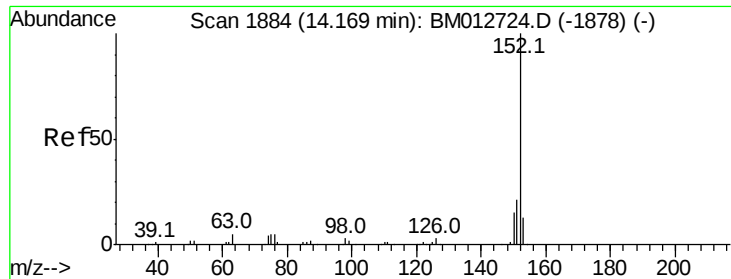
Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion:	163	Resp:	123251
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.2	4.8
164	9.7	7.8	11.8





#47

Acenaphthylene

Concen: 3.192 ng/ul

RT: 14.17 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Instrument :

BNA_M

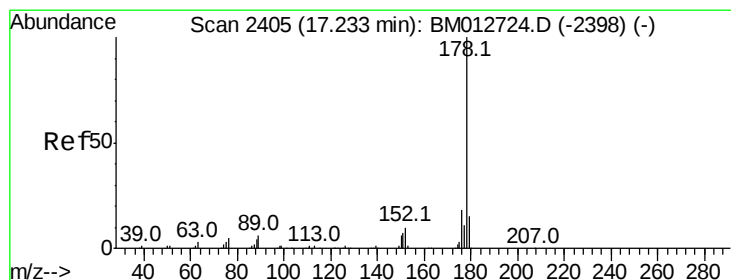
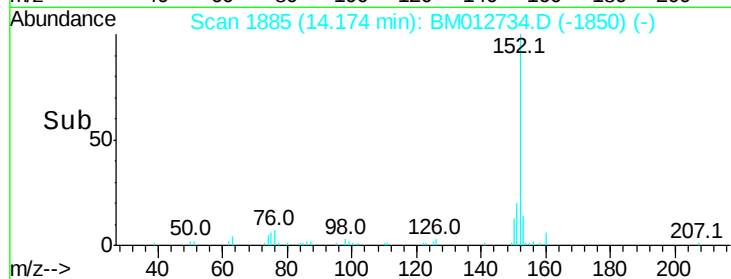
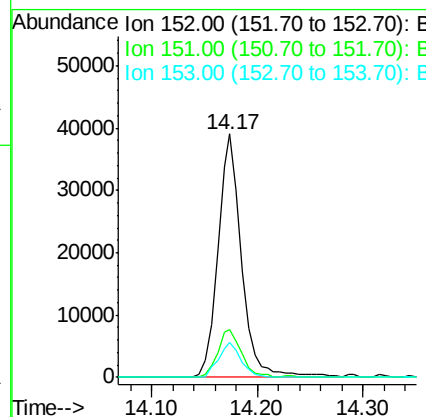
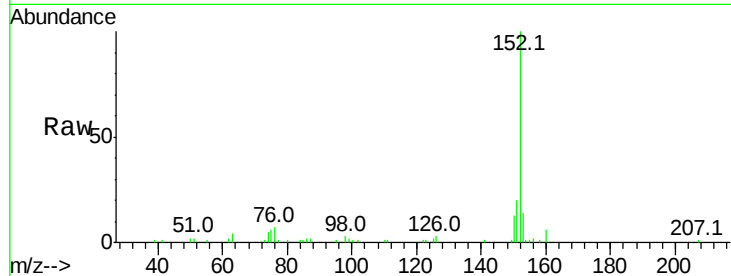
ClientSampled :

DUP-5

Tot Ion:	152	Resp:	61103
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.7	23.5
153	14.2	10.5	15.7

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#69

Phenanthrene

Concen: 11.260 ng/ul

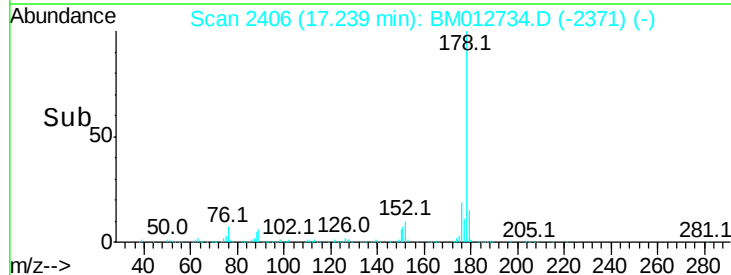
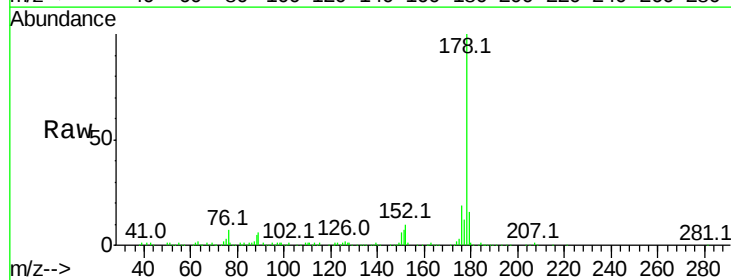
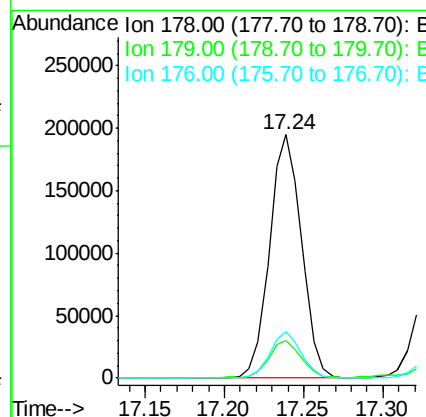
RT: 17.24 min Scan# 2406

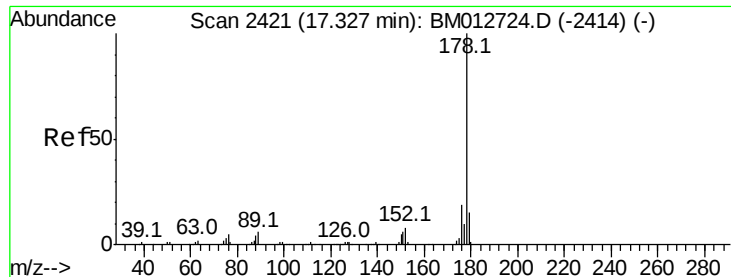
Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion:	178	Resp:	274038
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	19.2	15.6	23.4





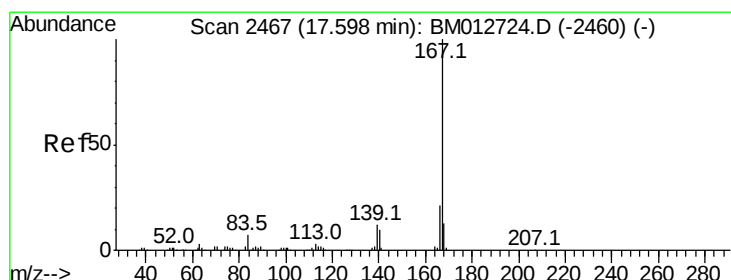
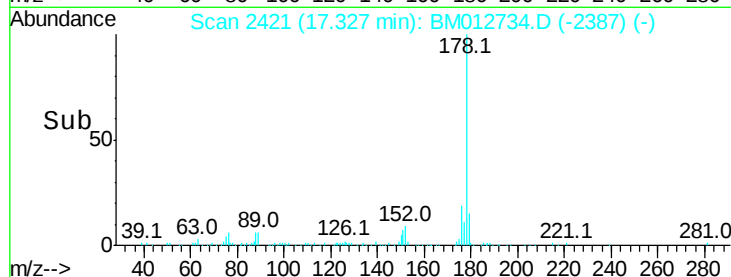
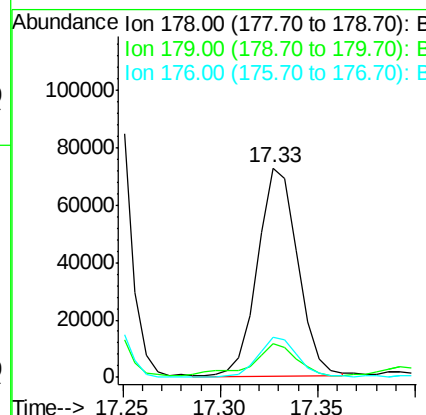
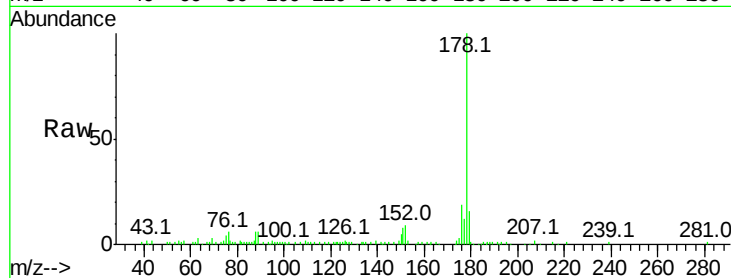
#71
 Anthracene
 Concen: 4.133 ng/ul
 RT: 17.33 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM012734.D
 Acq: 05 Nov 2017 07:15

Instrument :
 BNA_M
 ClientSampled :
 DUP-5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	19.1	14.8	22.2

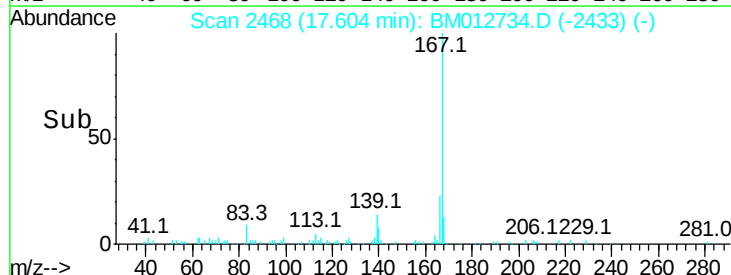
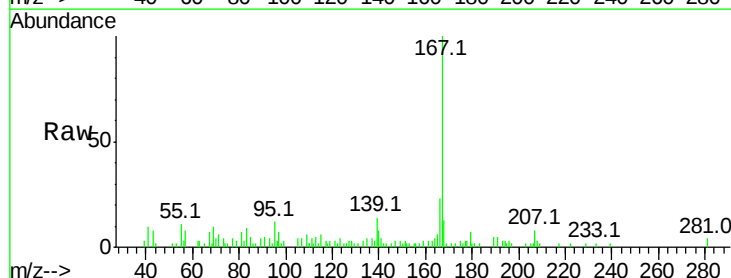
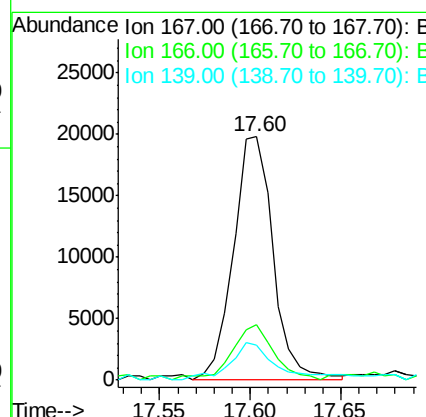
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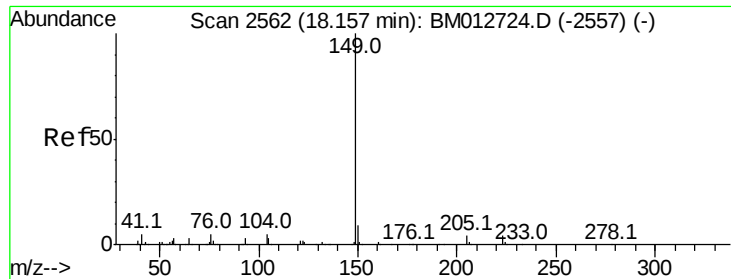
Sohil
 11/6/2017 4:24:45 PM



#74
 Carbazole
 Concen: 1.441 ng/ul
 RT: 17.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BM012734.D
 Acq: 05 Nov 2017 07:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.0	25.6
139	14.4	11.0	16.4





#75

Di-n-butylphthalate

Concen: 2.255 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Instrument :

BNA_M

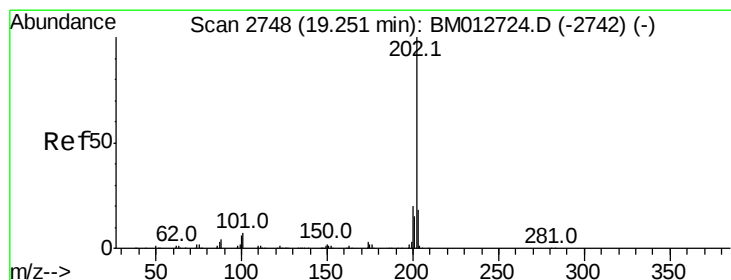
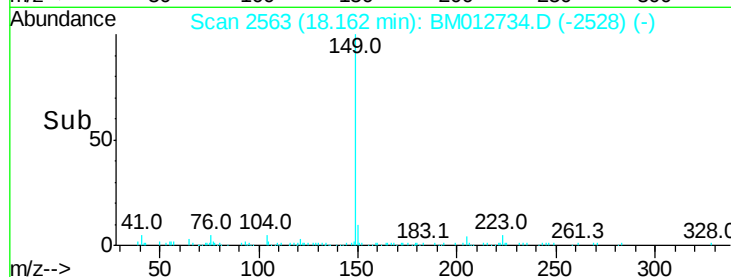
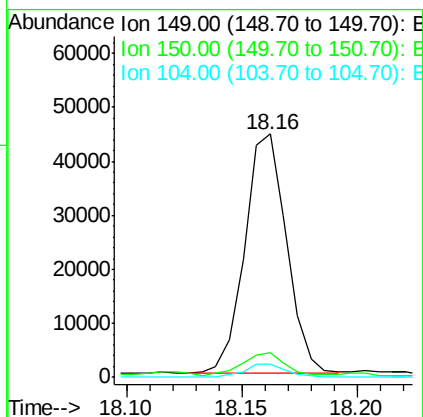
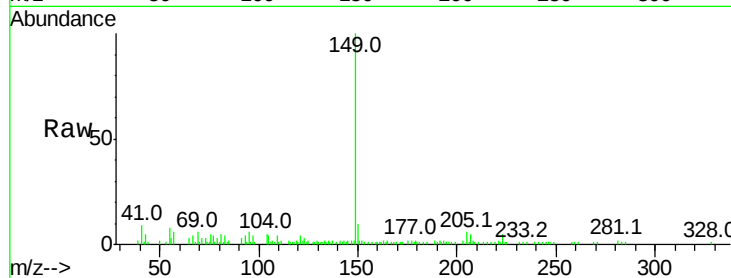
ClientSampleId :

DUP-5

Tot Ion:	149	Resp:	55602
Ion Ratio	Lower	Upper	
149	100		
150	10.3	7.4	11.0
104	5.2	4.0	6.0

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#76

Fluoranthene

Concen: 25.055 ng/ul

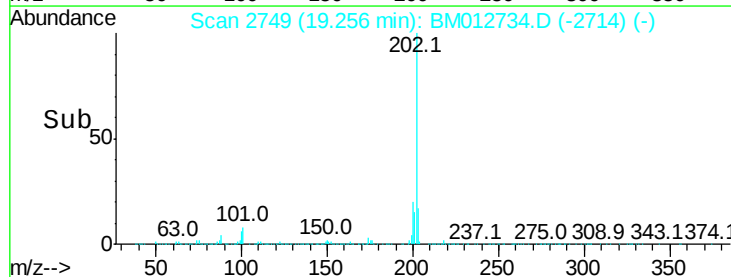
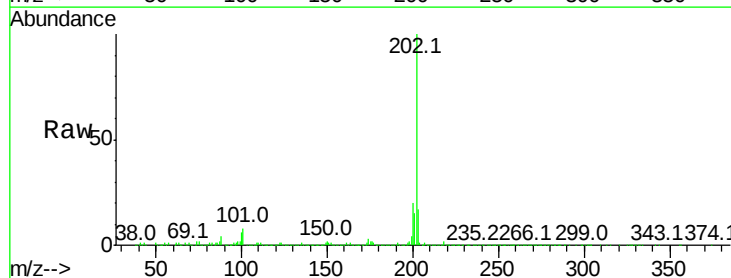
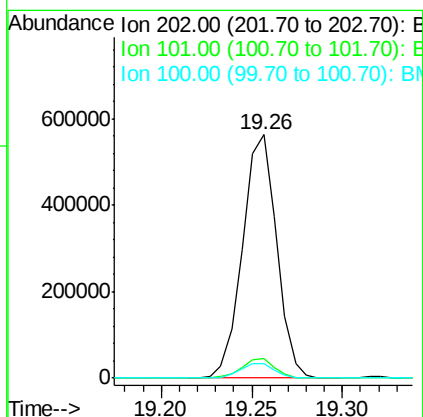
RT: 19.26 min Scan# 2749

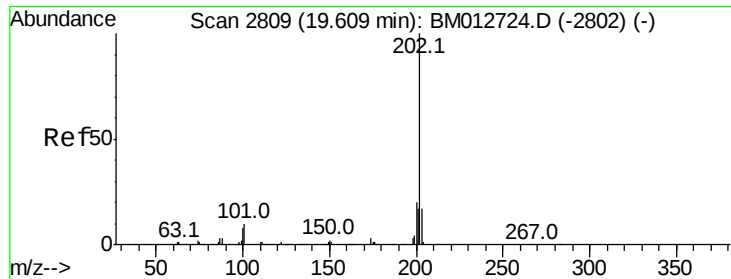
Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion:	202	Resp:	732739
Ion Ratio	Lower	Upper	
202	100		
101	7.9	8.8	13.2#
100	5.8	6.6	9.8#





#79

Pvrene

Concen: 18.838 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Instrument :

BNA_M

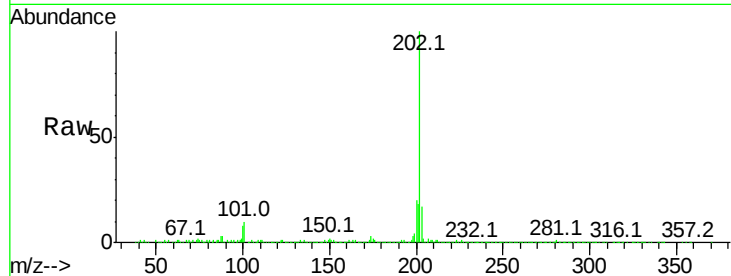
ClientSampleId :

DUP-5

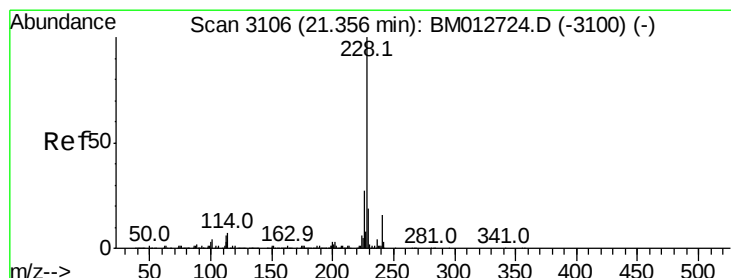
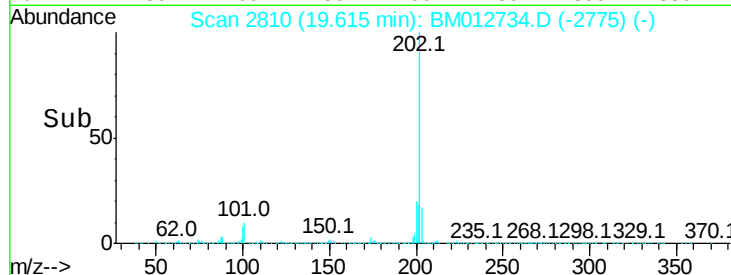
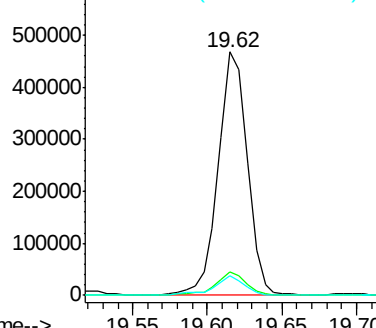
Tot Ion:	202	Resp:	627726
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.2	15.2#
100	7.8	8.5	12.7#

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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



#82

Benzo(a)anthracene

Concen: 12.789 ng/ul

RT: 21.36 min Scan# 3107

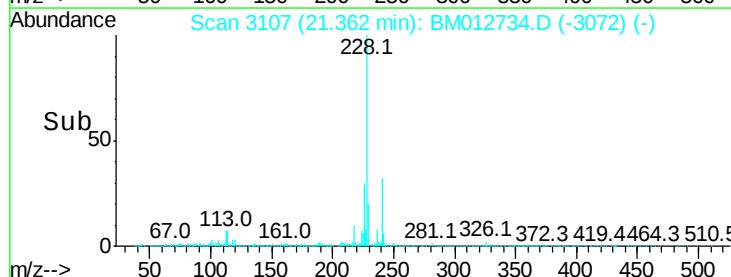
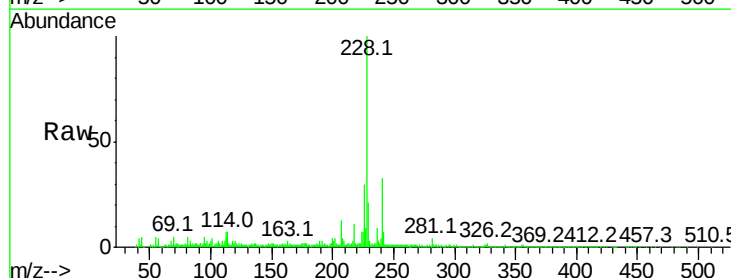
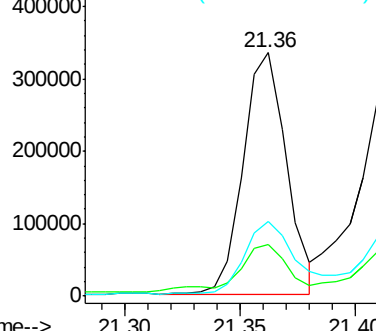
Delta R.T. 0.01 min

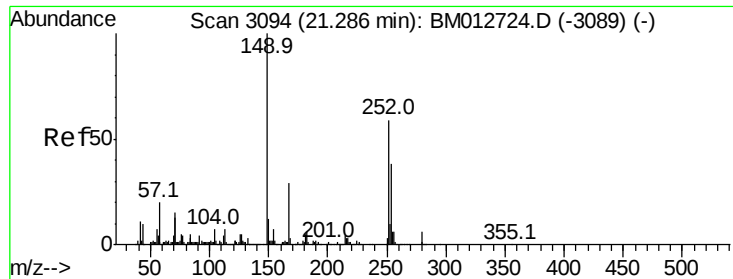
Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion:	228	Resp:	432224
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.7	23.5
226	30.5	21.8	32.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.432 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

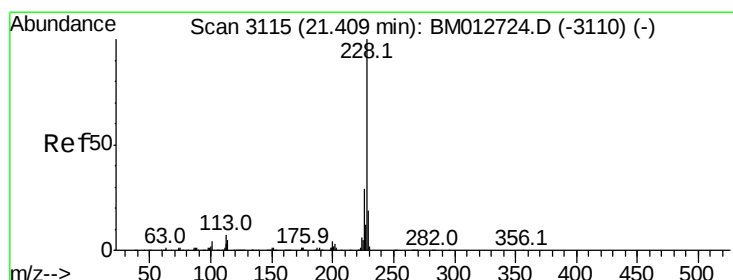
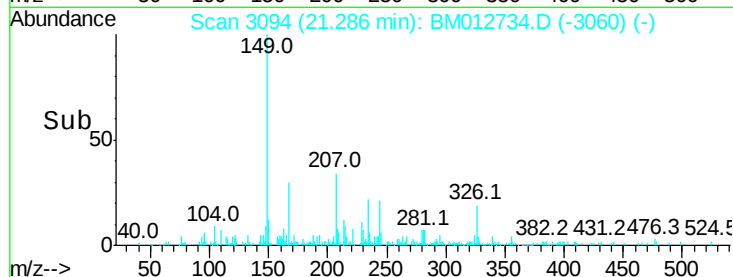
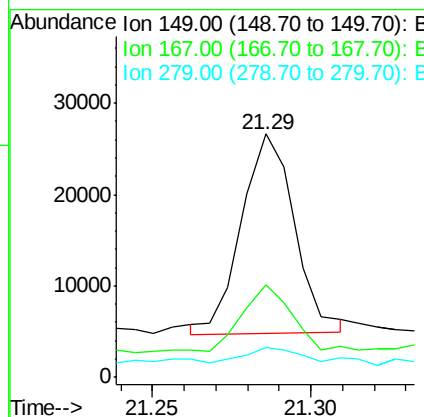
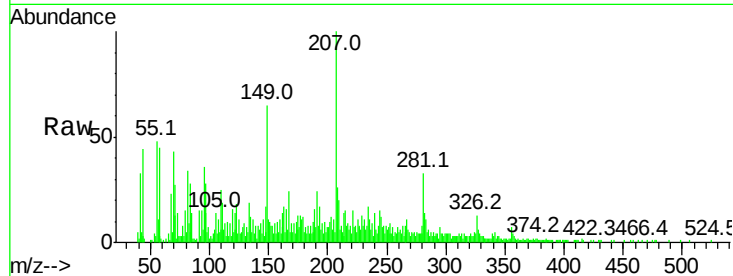
Instrument :
BNA_M

ClientSampleId :
DUP-5

Tot Ion	Ratio	Lower	Upper
149	100		
167	37.9	21.6	32.4#
279	12.2	3.0	4.4#

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#84

Chrysene

Concen: 13.331 ng/ul

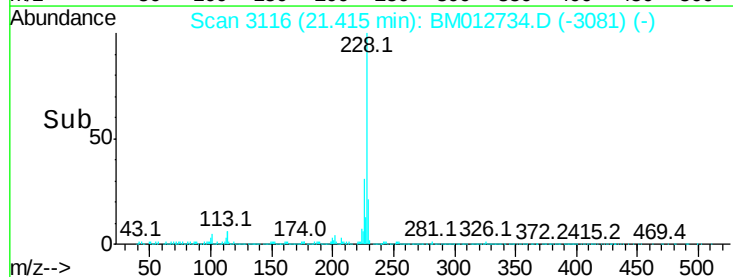
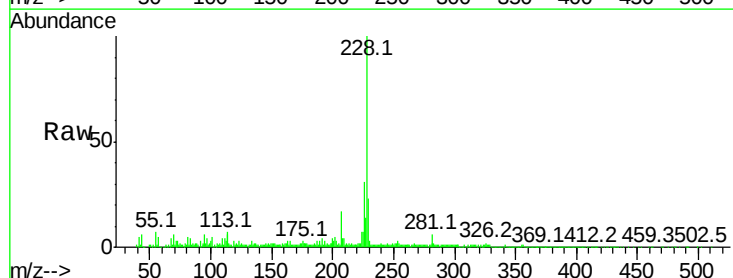
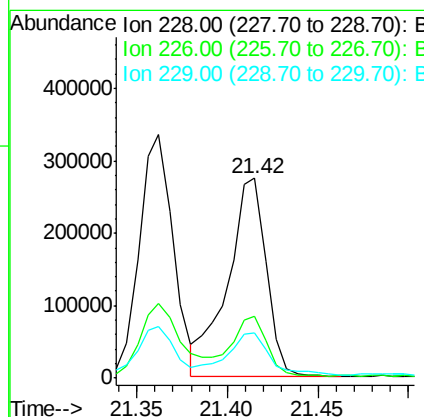
RT: 21.42 min Scan# 3116

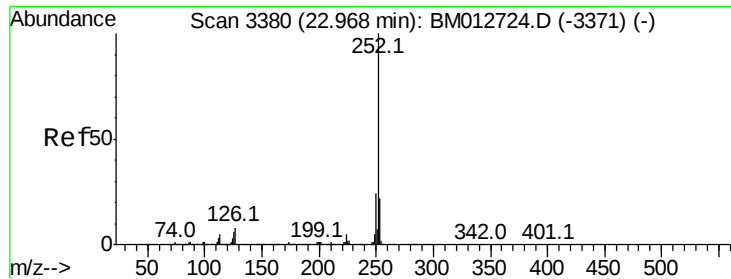
Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	22.6	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 16.857 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Instrument :

BNA_M

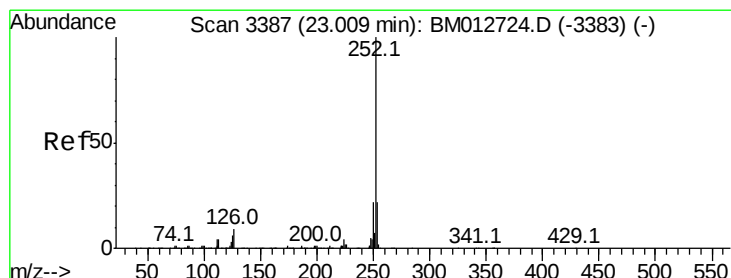
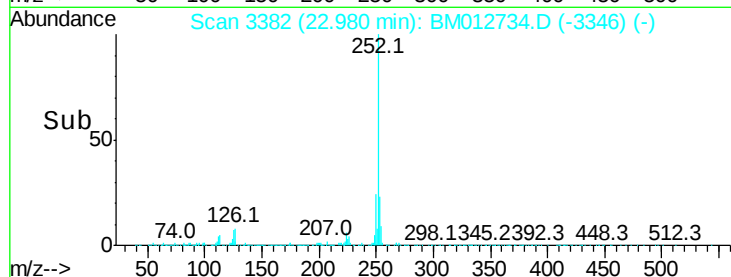
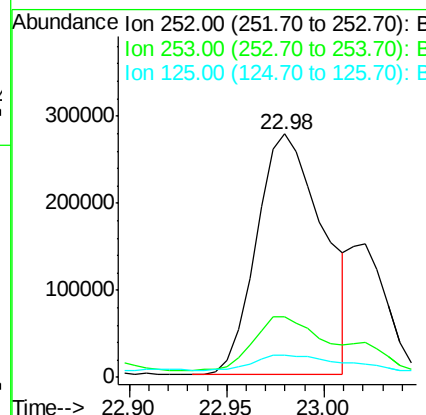
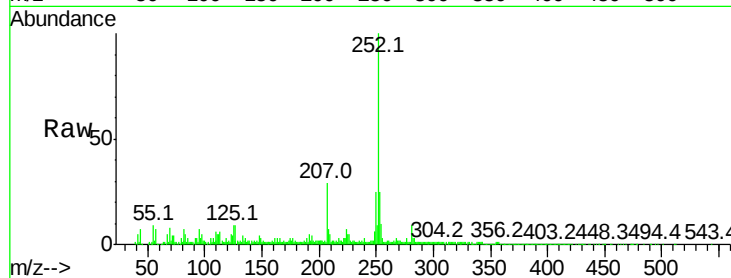
ClientSampled :

DUP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	8.9	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 5.300 ng/ul m

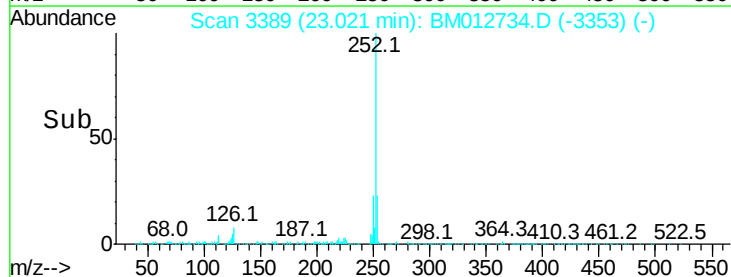
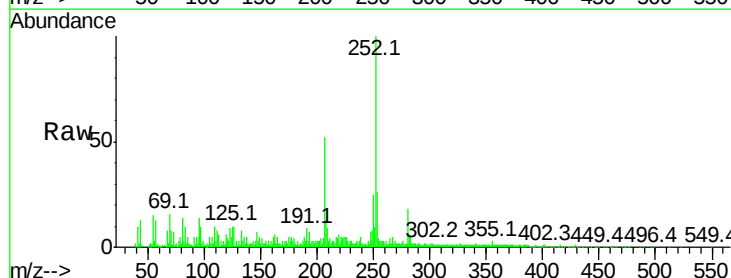
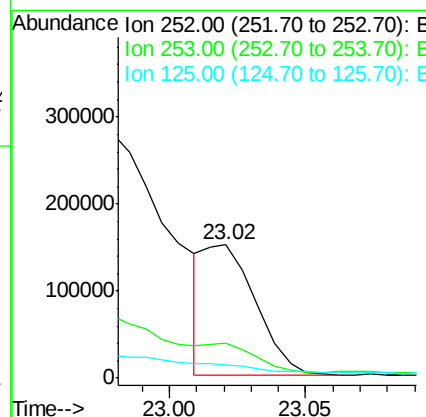
RT: 23.02 min Scan# 3389

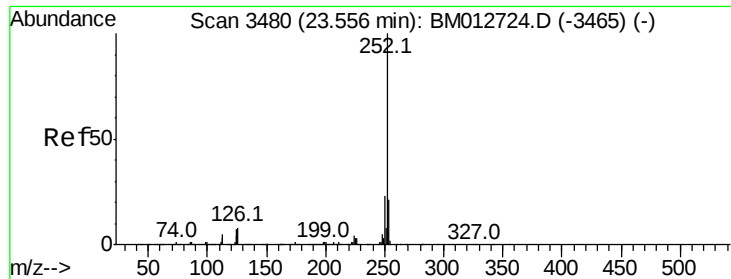
Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	9.6	8.2	12.2





#90

Benzo(a)pyrene

Concen: 12.244 ng/ul

RT: 23.57 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Instrument :

BNA_M

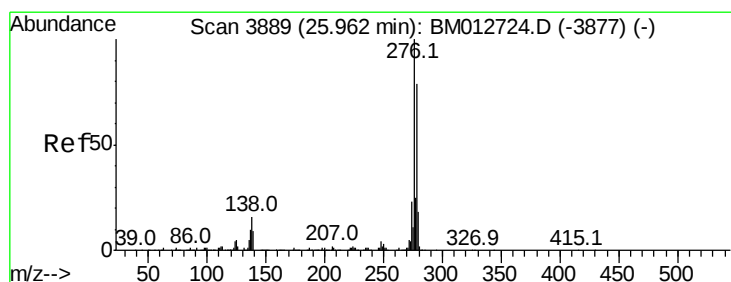
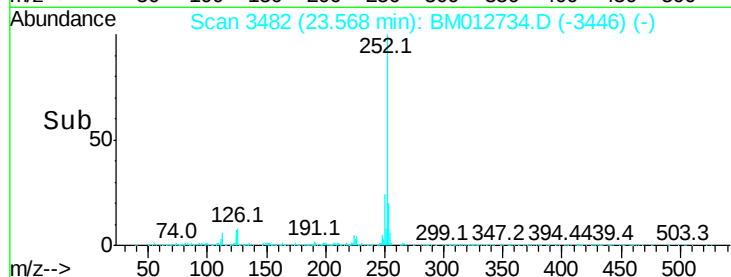
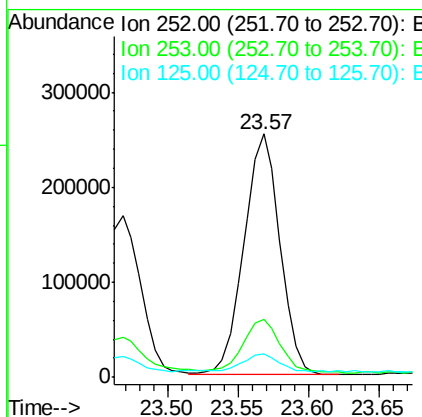
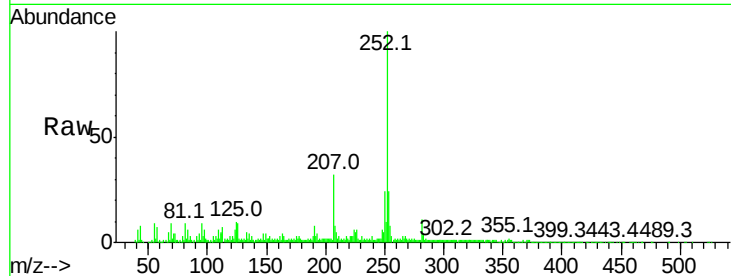
ClientSampleId :

DUP-5

Tot Ion:	252	Resp:	451496
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	9.5	9.0	13.6

Manual Integrations
APPROVED

Sohil
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#91

Indeno(1,2,3-cd)pyrene

Concen: 8.008 ng/ul

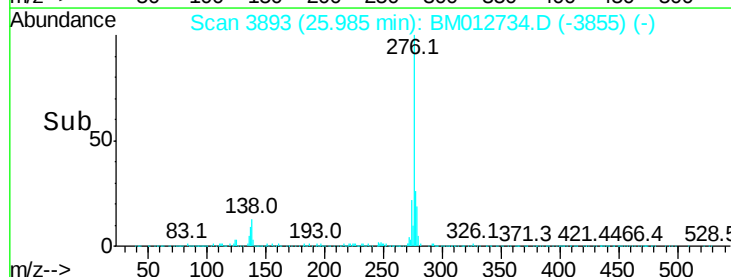
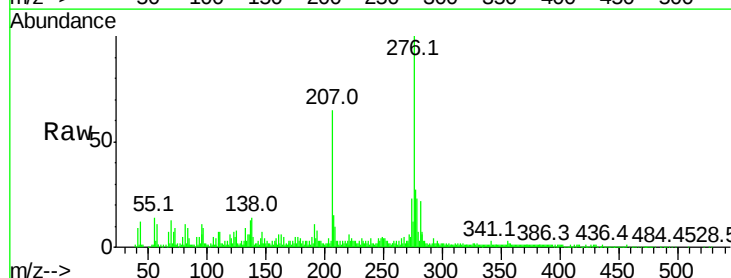
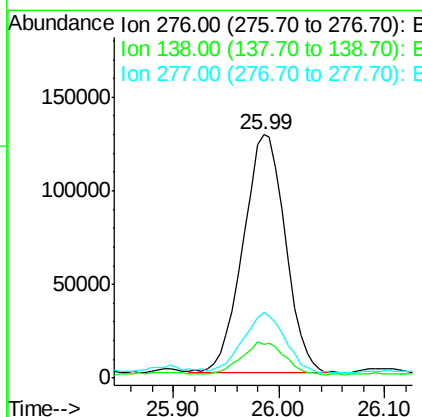
RT: 25.99 min Scan# 3893

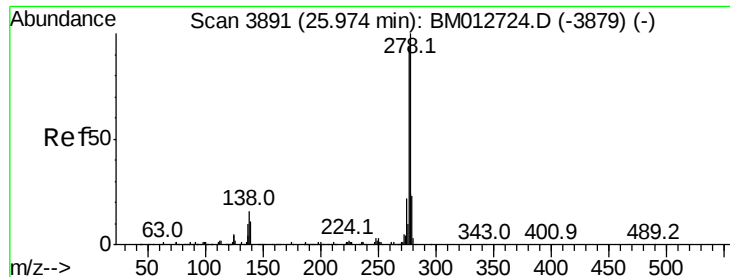
Delta R.T. 0.02 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion:	276	Resp:	355899
Ion Ratio	Lower	Upper	
276	100		
138	14.1	22.3	33.5#
277	27.2	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 2.548 ng/ul

RT: 25.99 min Scan# 3894

Delta R.T. 0.02 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Instrument :

BNA_M

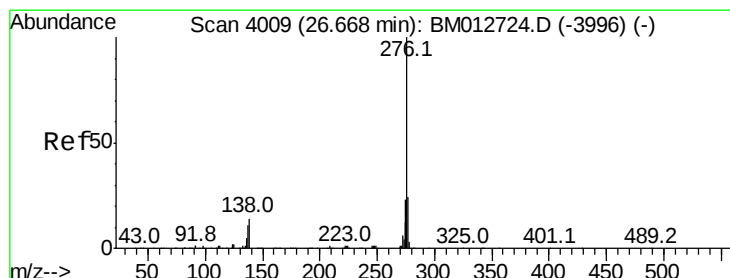
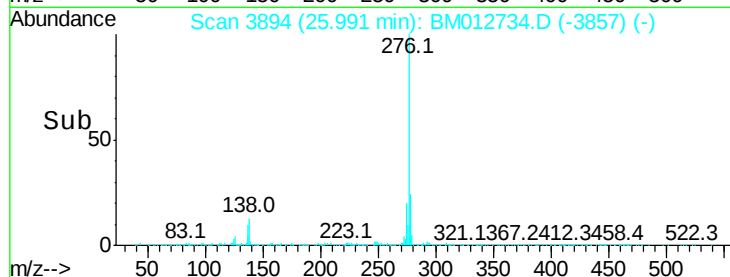
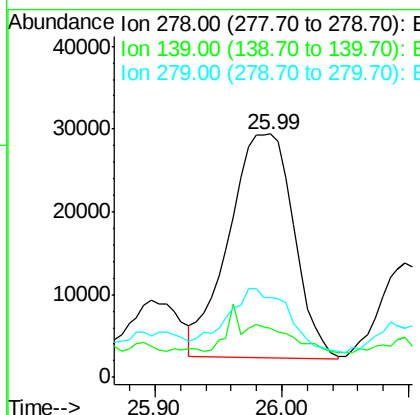
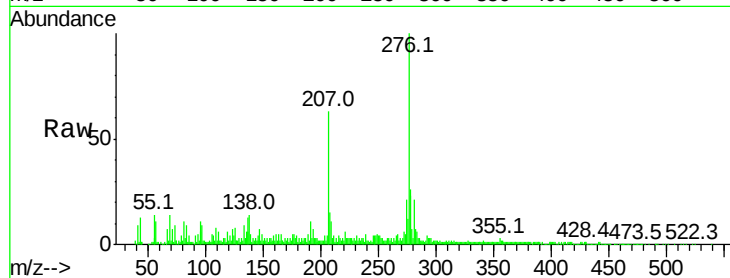
ClientSampleId :

DUP-5

Tot Ion:	278	Resp:	95853
Ion Ratio	Lower	Upper	
278	100		
139	20.3	13.9	20.9
279	32.6	19.0	28.4#

Manual Integrations
APPROVED

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11/6/2017 4:24:45 PM



#93

Benzo(g,h,i)perylene

Concen: 8.298 ng/ul

RT: 26.70 min Scan# 4015

Delta R.T. 0.04 min

Lab File: BM012734.D

Acq: 05 Nov 2017 07:15

Tgt Ion:	276	Resp:	303863
Ion Ratio	Lower	Upper	
276	100		
138	15.5	18.9	28.3#
277	25.8	19.2	28.8

