

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012718\
 Data File : BM013916.D
 Acq On : 28 Jan 2018 11:29
 Operator : SJ/JU
 Sample : J1222-06ME 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A79ME

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:49 PM

Quant Time: Jan 29 03:57:17 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	139777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	523673	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	298987	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	619435	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	634576	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	660897	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	1744m	0.49	ng/uL	0.00
5) Phenol-d5	6.77	99	48397	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	33448	5.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	44407	5.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	39268	4.76	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	23273	5.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	20251	4.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	39656m	4.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	47015	6.53	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	122619	4.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	154624	4.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	10140m	2.53	ng/ul	0.05
57) Fluorene-d10	15.23	176	106464	4.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	11150	2.99	ng/ul	0.01
70) Anthracene-d10	17.09	188	160791	5.33	ng/ul	0.00
76) Pyrene-d10	19.39	212	174217	5.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	170684	5.62	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	573262	22.004	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	317584	16.350	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	109996	4.420	ng/ul	97
49) Acenaphthene	14.29	153	355236	17.840	ng/ul	96
53) Dibenzofuran	14.63	168	396086	13.222	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	116862	18.620	ng/ul#	86
58) Fluorene	15.29	166	346591	14.125	ng/ul	98
68) Pentachlorophenol	16.65	266	2061880	492.705	ng/ul	98
69) Phenanthrene	17.03	178	1868847	54.277	ng/ul	99
71) Anthracene	17.12	178	305543	8.603	ng/ul	100
72) Carbazole	17.40	167	145679	4.969	ng/ul	98
74) Fluoranthene	19.06	202	1217281	29.617	ng/ul#	96
77) Pyrene	19.42	202	867421	22.485	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	155486	4.055	ng/ul	98
82) Chrysene	21.23	228	151954m	4.320	ng/ul	
85) Benzo(b)fluoranthene	22.72	252	108786	2.680	ng/ul#	94
88) Benzo(a)pyrene	23.28	252	49388	1.288	ng/ul#	92

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

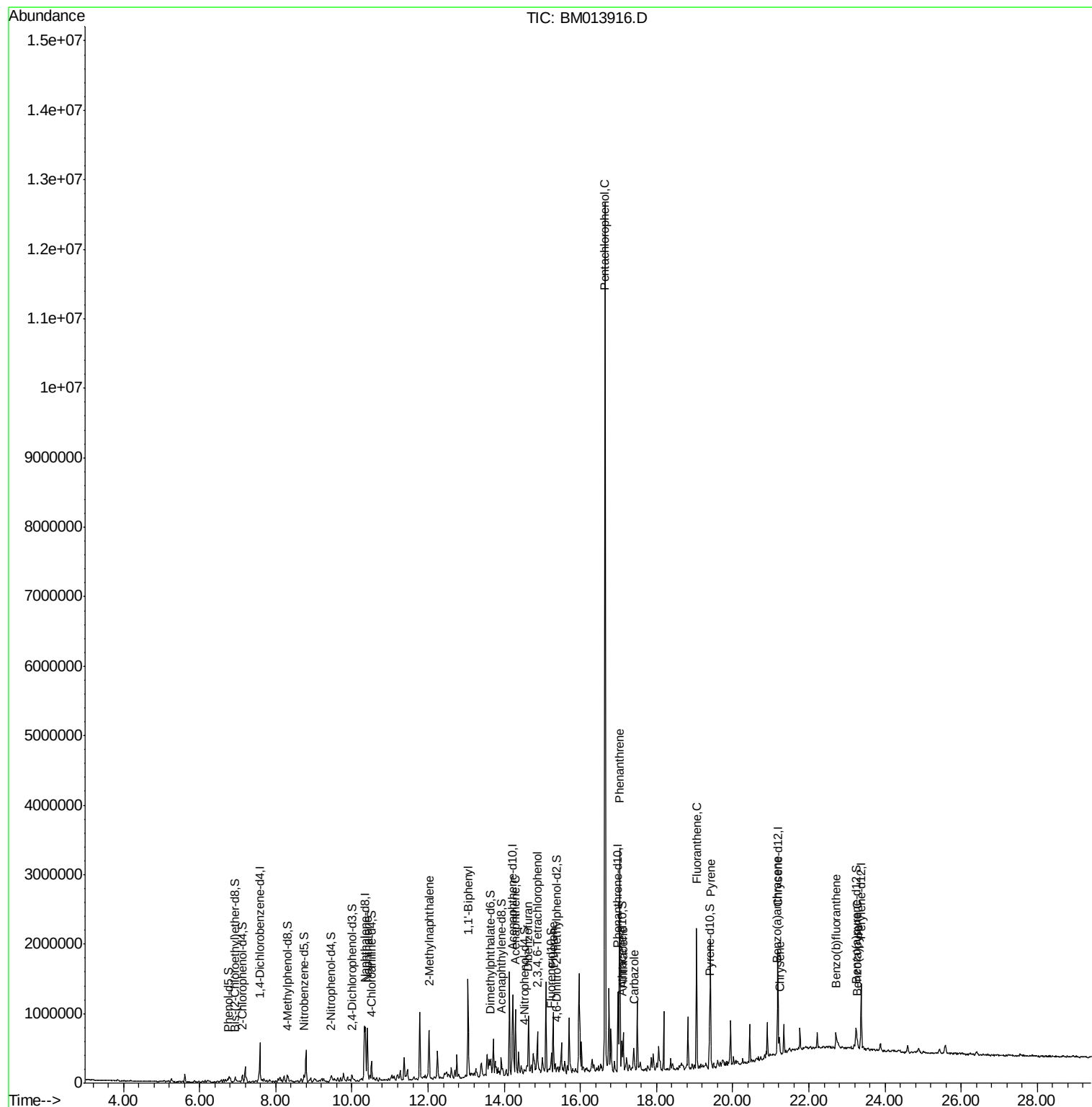
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012718\
Data File : BM013916.D
Acq On : 28 Jan 2018 11:29
Operator : SJ/JU
Sample : J1222-06ME 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

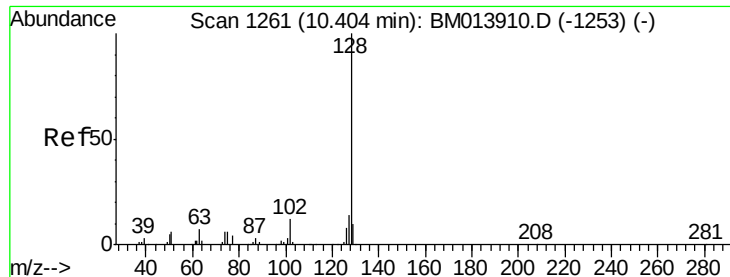
Instrument :
BNA_M
ClientSampleId :
F6A79ME

Manual Integrations
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Quant Time: Jan 29 03:57:17 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
Response via : Initial Calibration





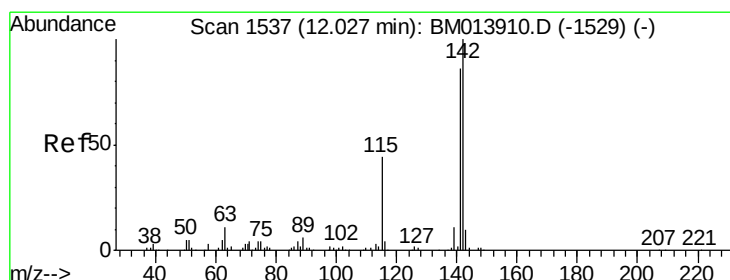
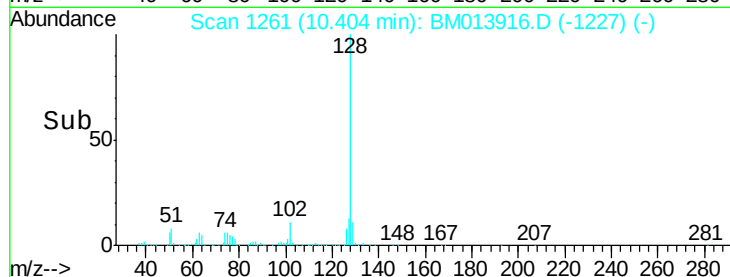
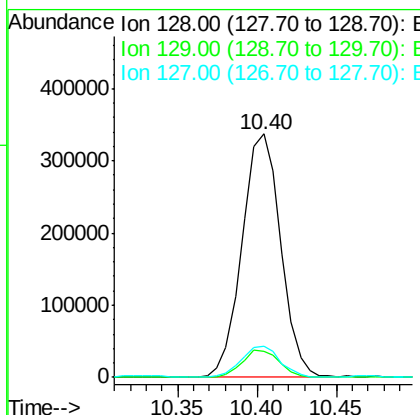
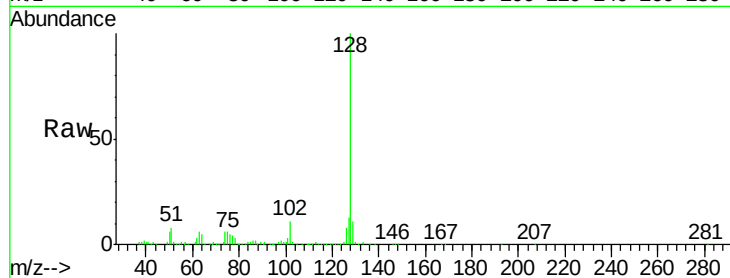
#28
Naphthalene
Concen: 22.004 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Instrument :
BNA_M
ClientSampleId :
F6A79ME

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.6	10.6	16.0

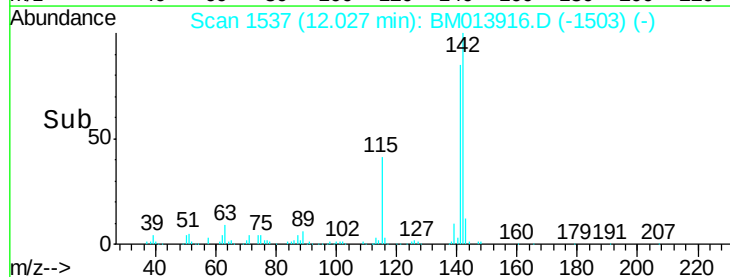
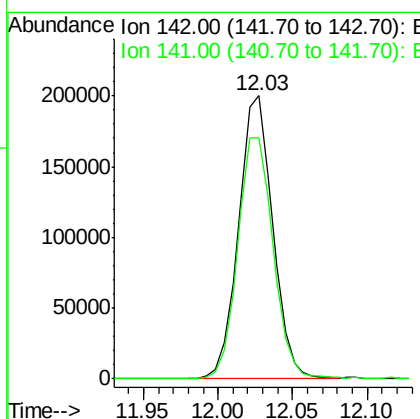
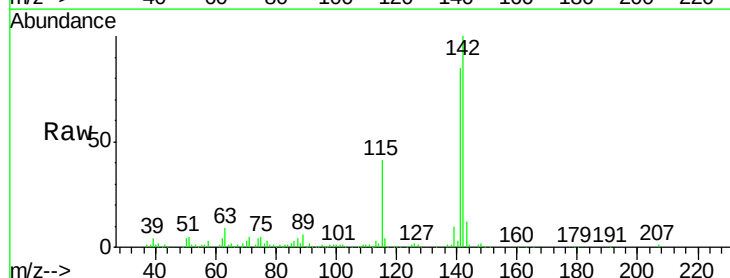
Manual Integrations
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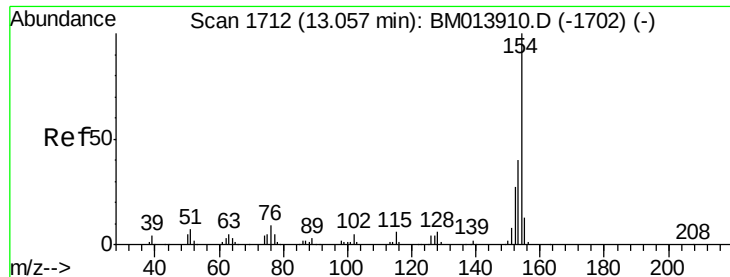
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#34
2-Methylnaphthalene
Concen: 16.350 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM013916.D
Acq: 28 Jan 2018 11:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.3	74.1	111.1





#40

1,1'-Biphenyl

Concen: 4.420 ng/ul

RT: 13.06 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

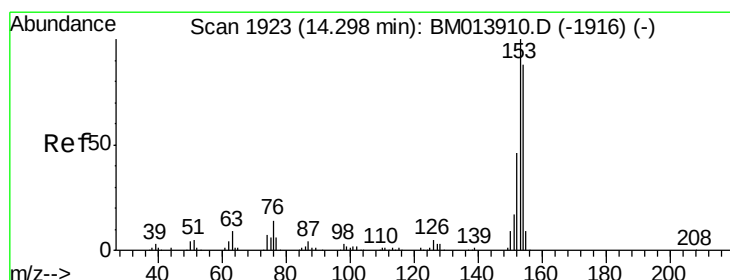
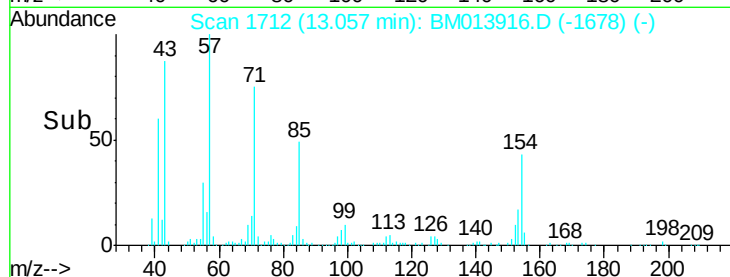
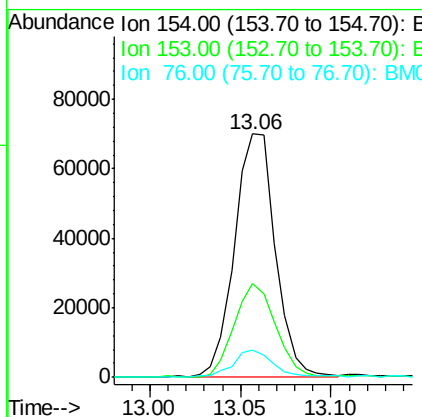
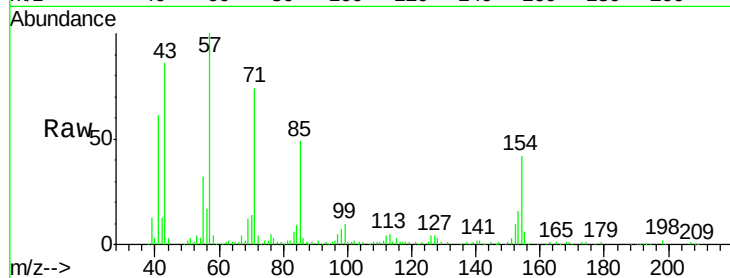
ClientSampled :

F6A79ME

Tgt Ion:	154	Resp:	109996
Ion Ratio	Lower	Upper	
154	100		
153	38.8	32.6	48.8
76	11.4	8.5	12.7

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#49

Acenaphthene

Concen: 17.840 ng/ul

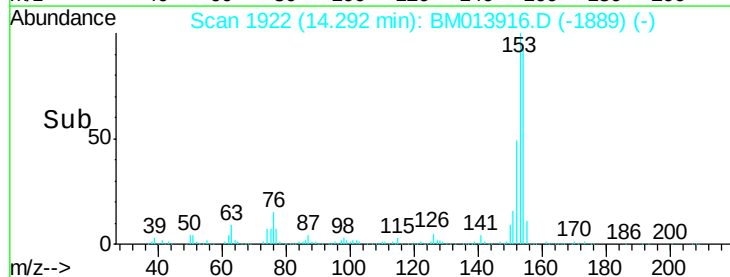
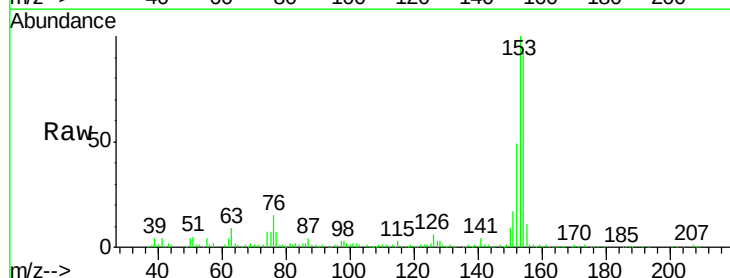
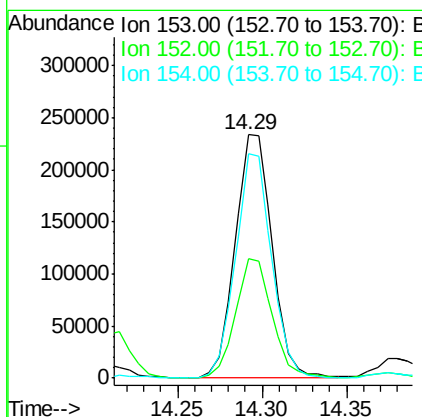
RT: 14.29 min Scan# 1922

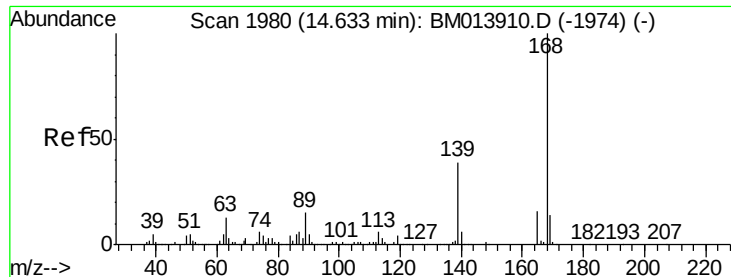
Delta R.T. -0.01 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Tgt Ion:	153	Resp:	355236
Ion Ratio	Lower	Upper	
153	100		
152	49.2	37.6	56.4
154	92.0	70.4	105.6





#53

Dibenzofuran

Concen: 13.222 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

ClientSampleId :

F6A79ME

Tgt Ion:168 Resp: 396086

Ion Ratio Lower Upper

168 100

139 36.0

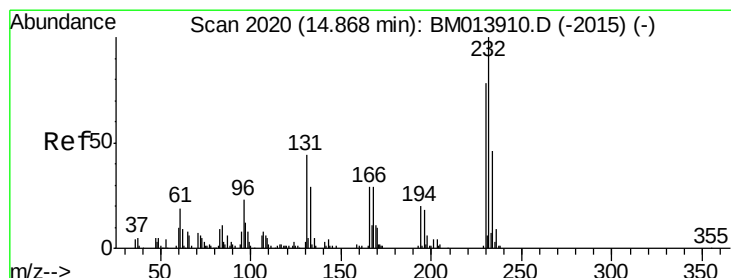
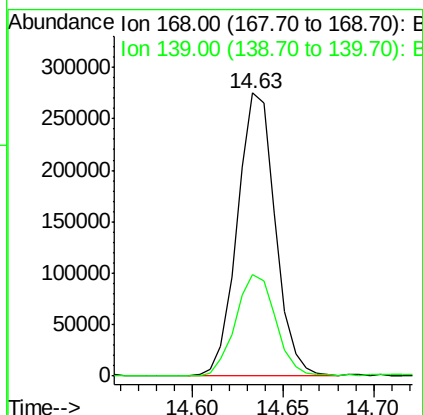
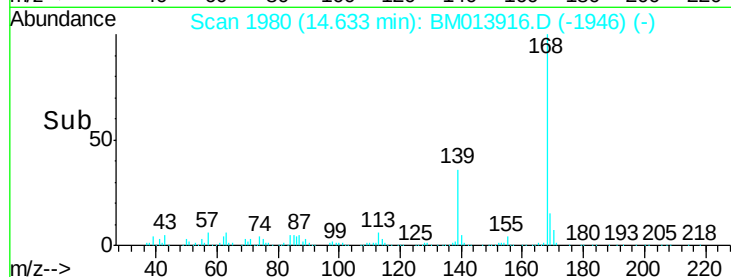
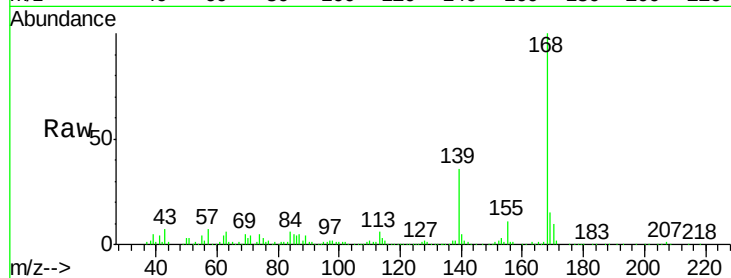
30.8

46.2

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#55

2,3,4,6-Tetrachlorophenol

Concen: 18.620 ng/ul

RT: 14.87 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Tgt Ion:232 Resp: 116862

Ion Ratio Lower Upper

232 100

131 47.4

29.0

43.4#

130 2.8

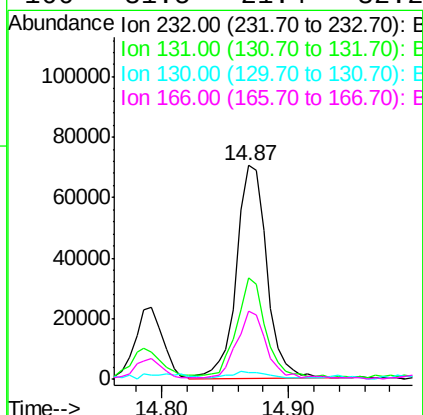
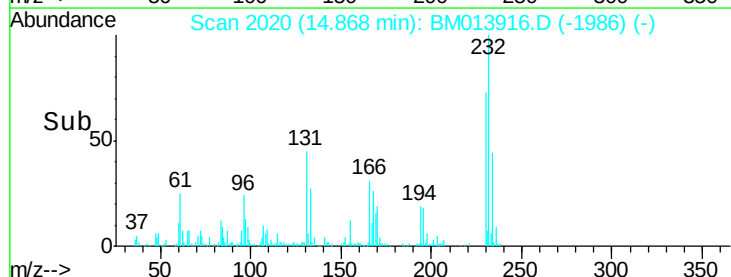
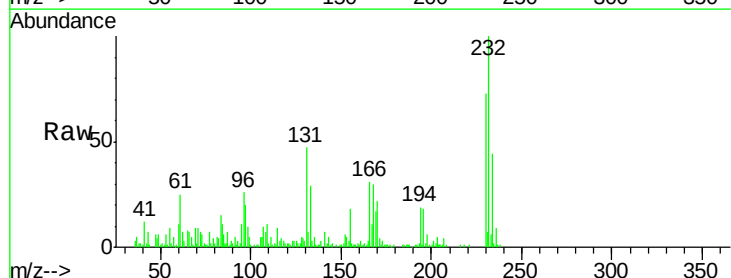
2.0

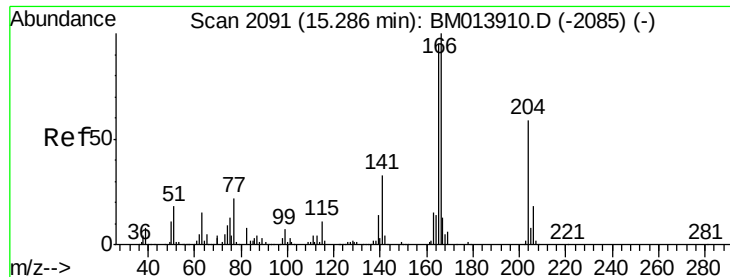
3.0

166 31.5

21.4

32.2





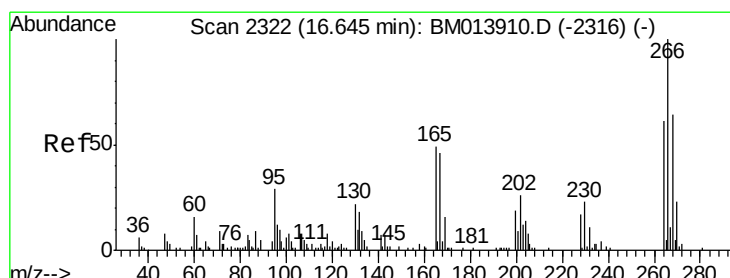
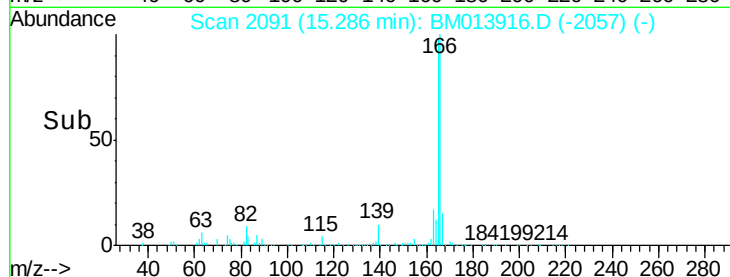
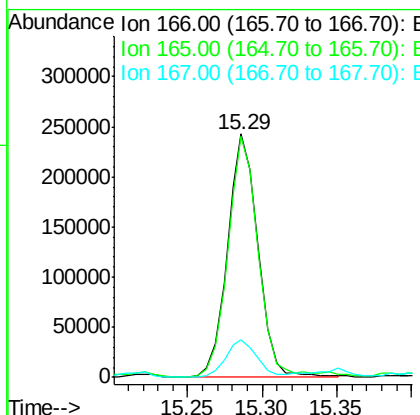
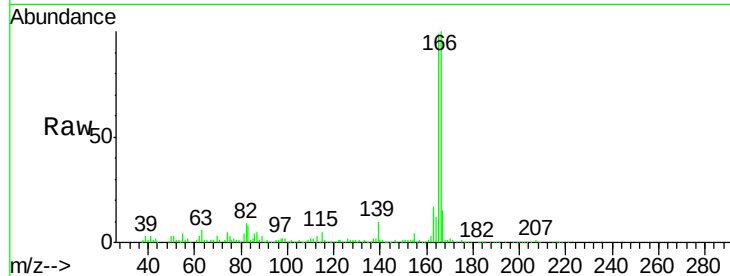
#58
 Fluorene
 Concen: 14.125 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM013916.D
 Acq: 28 Jan 2018 11:29

Instrument :
 BNA_M
 ClientSampleId :
 F6A79ME

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	346591		
165	98.9	77.9	116.9	
167	15.2	10.6	16.0	

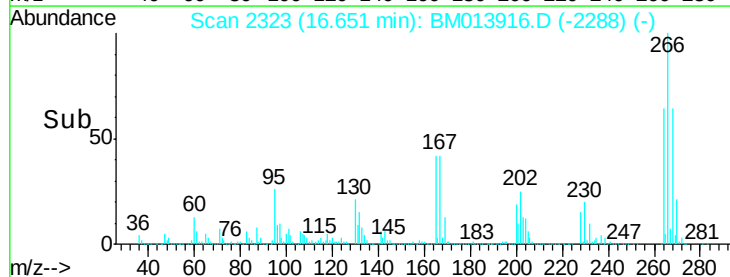
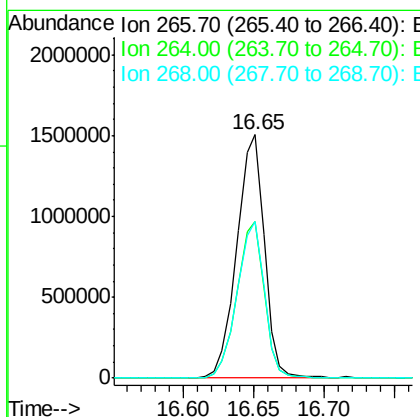
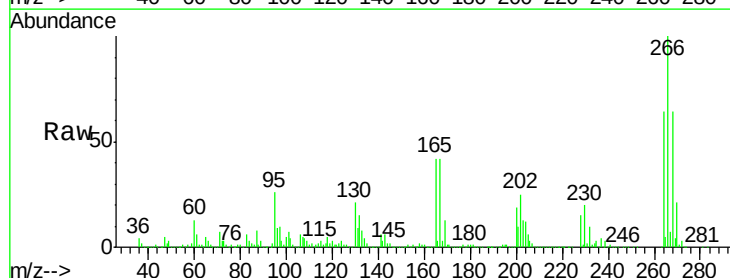
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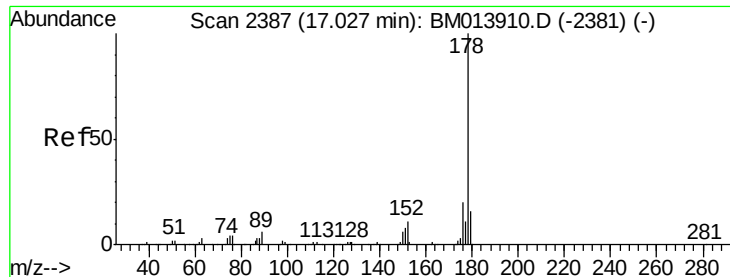
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#68
 Pentachlorophenol
 Concen: 492.705 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BM013916.D
 Acq: 28 Jan 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	2061880		
264	64.1	49.3	73.9	
268	64.4	52.6	78.8	





#69

Phenanthrene

Concen: 54.277 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

ClientSampleId :

F6A79ME

Tgt Ion:178 Resp: 1868847

Ion Ratio Lower Upper

178 100

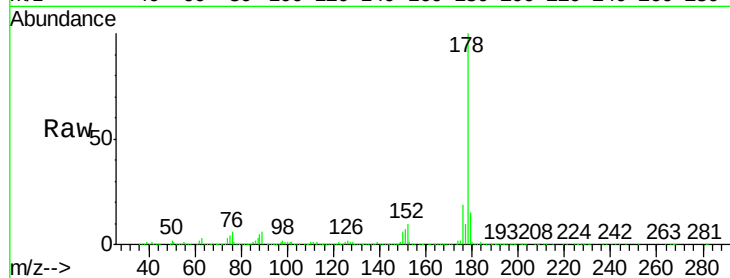
179 15.1 12.6 19.0

176 18.9 14.9 22.3

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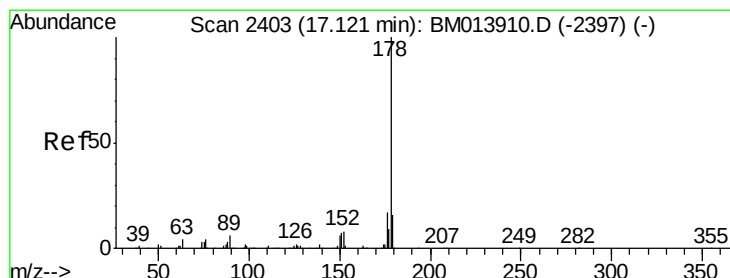
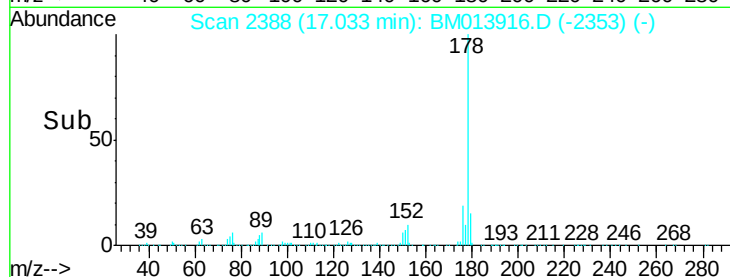
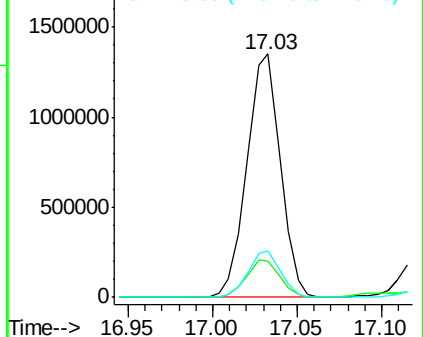
1/29/2018 6:04:49 PM



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: 8.603 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

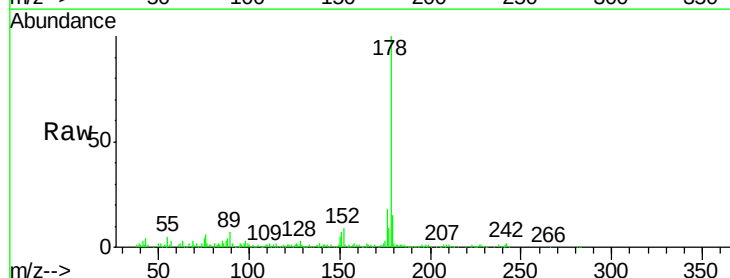
Tgt Ion:178 Resp: 305543

Ion Ratio Lower Upper

178 100

179 14.6 11.7 17.5

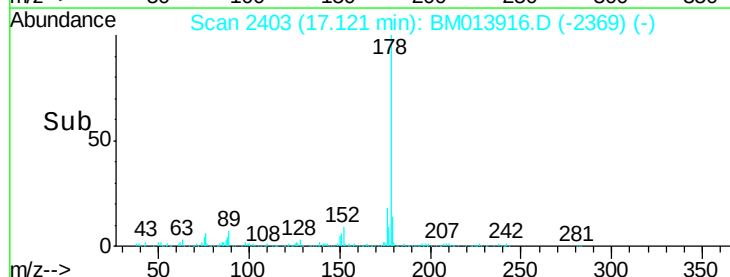
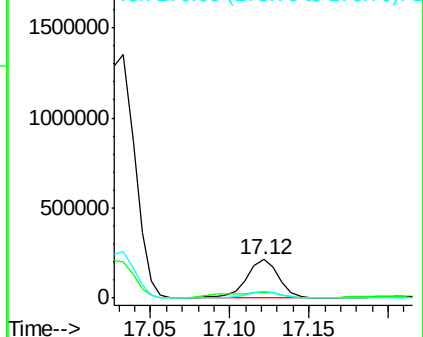
176 17.8 14.6 21.8

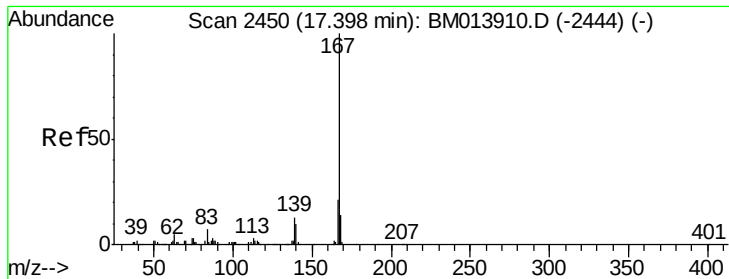


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 4.969 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

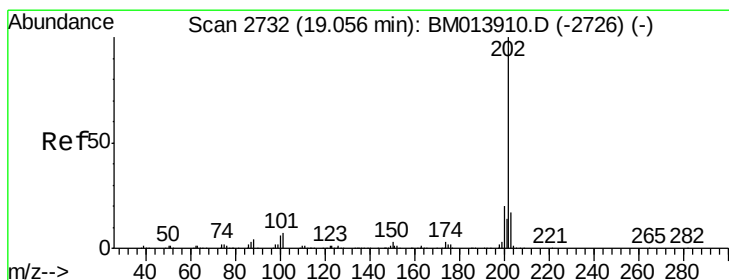
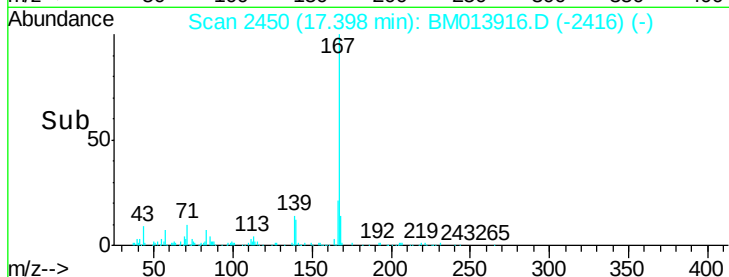
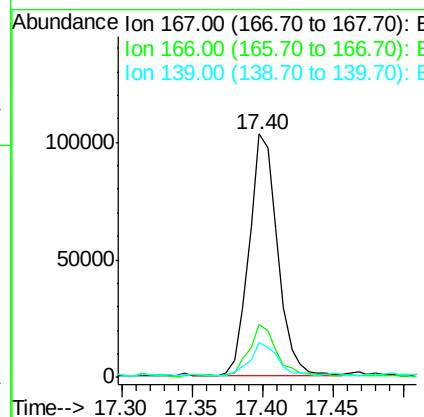
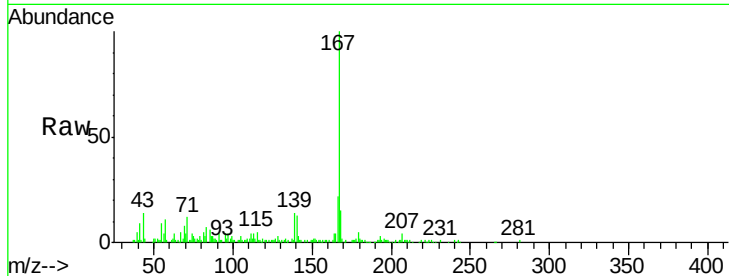
ClientSampled :

F6A79ME

Tgt Ion:	167	Resp:	145679
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	14.4	10.0	15.0

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#74

Fluoranthene

Concen: 29.617 ng/ul

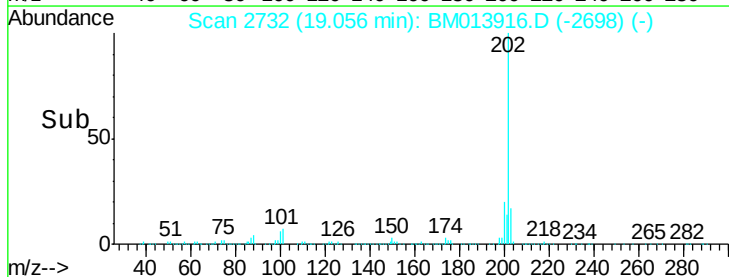
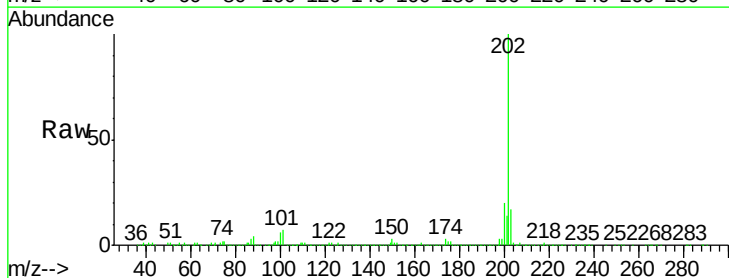
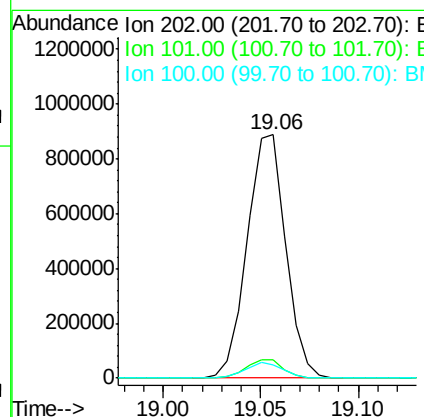
RT: 19.06 min Scan# 2732

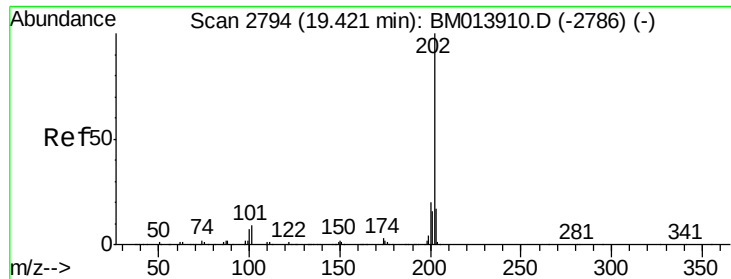
Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Tgt Ion:	202	Resp:	1217281
Ion Ratio	Lower	Upper	
202	100		
101	7.3	4.6	7.0#
100	5.6	3.4	5.2#





#77

Pyrene

Concen: 22.485 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

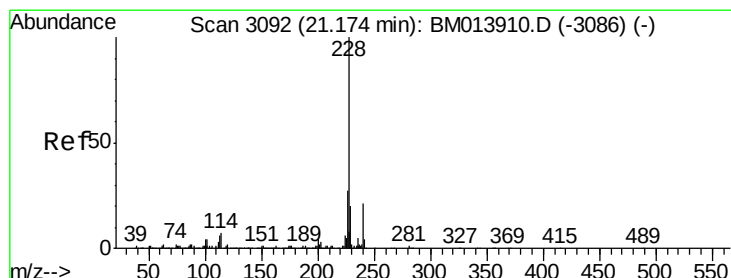
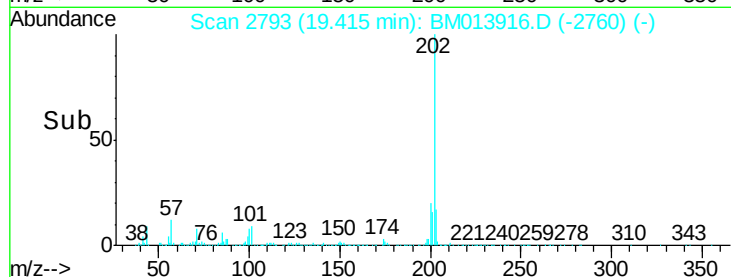
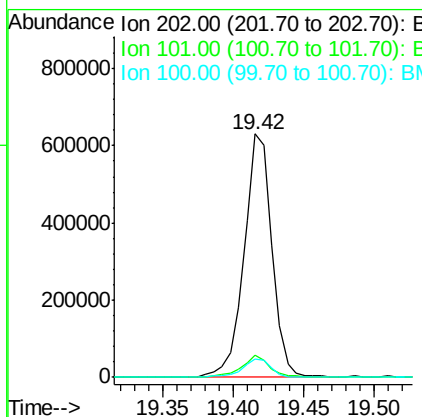
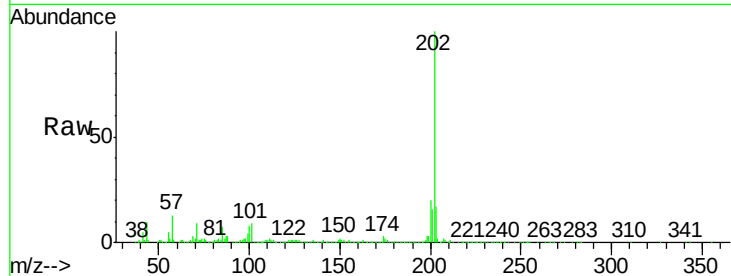
ClientSampleId :

F6A79ME

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		867421		
101	9.1	5.1	7.7#		
100	7.7	4.9	7.3#		

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#80

Benzo(a)anthracene

Concen: 4.055 ng/ul

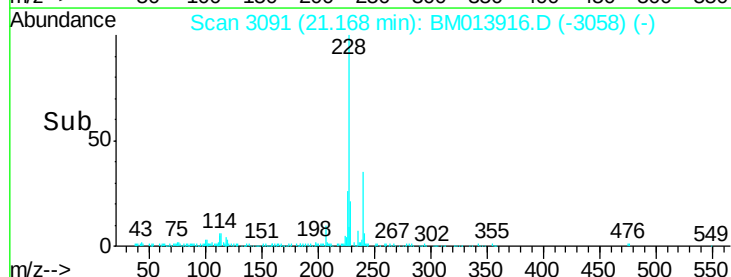
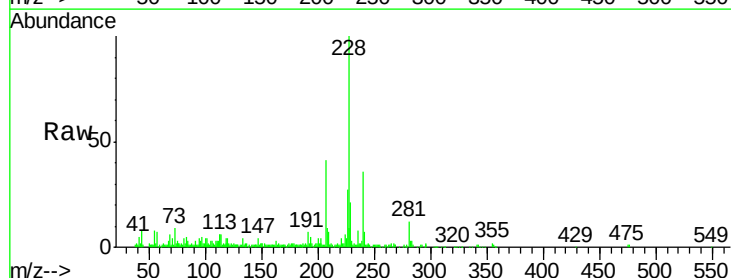
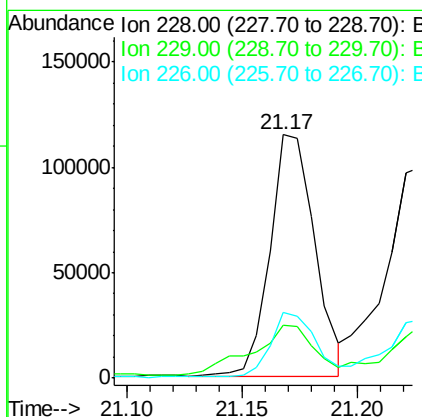
RT: 21.17 min Scan# 3091

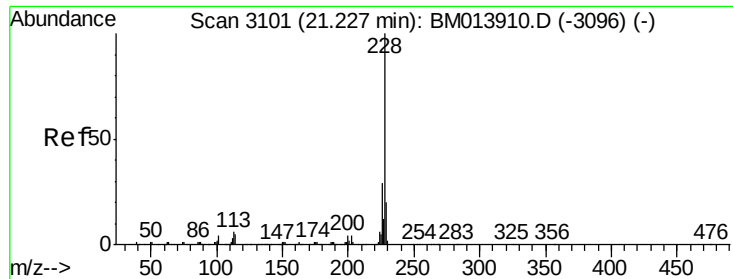
Delta R.T. -0.01 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		155486		
229	21.5	15.4	23.0		
226	26.8	21.4	32.0		





#82

Chrysene

Concen: 4.320 ng/ul m

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

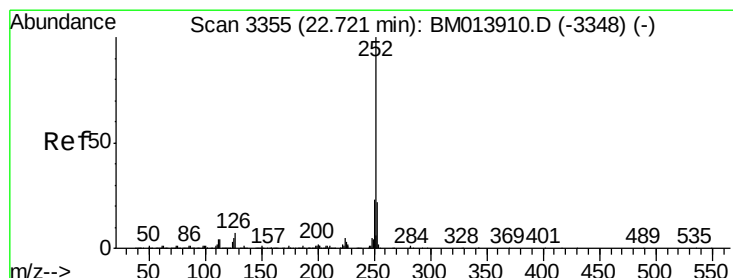
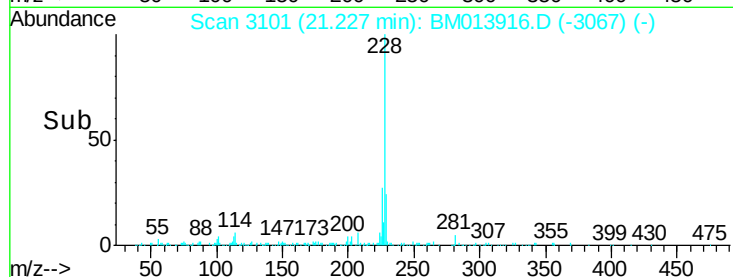
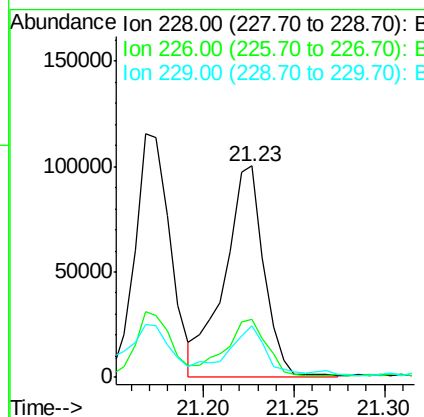
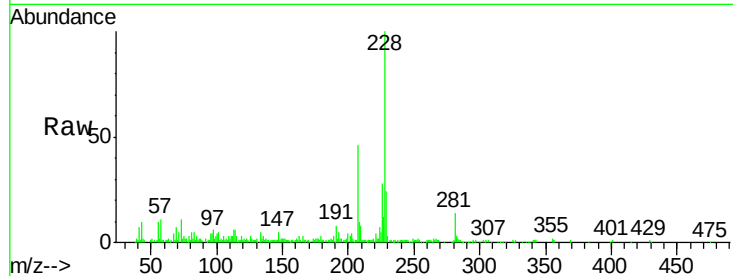
ClientSampleId :

F6A79ME

Tgt Ion:	228	Resp:	151954
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.4	35.2
229	24.3	15.5	23.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 2.680 ng/ul

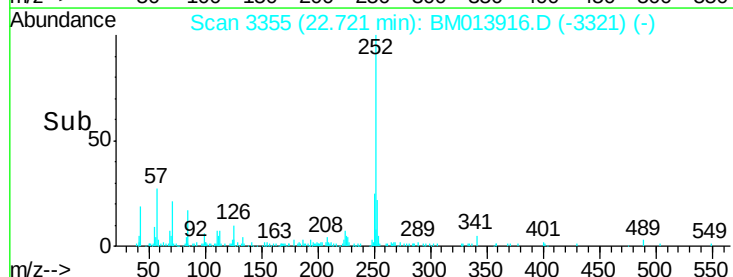
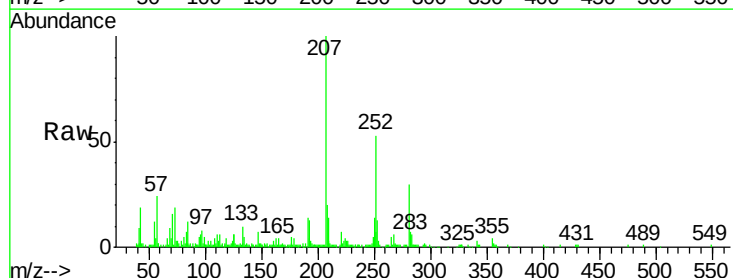
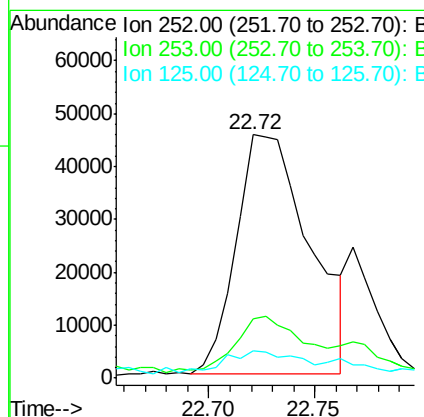
RT: 22.72 min Scan# 3355

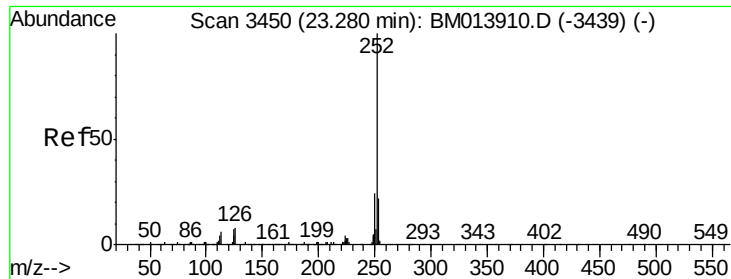
Delta R.T. 0.00 min

Lab File: BM013916.D

Acq: 28 Jan 2018 11:29

Tgt Ion:	252	Resp:	108786
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	11.2	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.288 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM013916.D

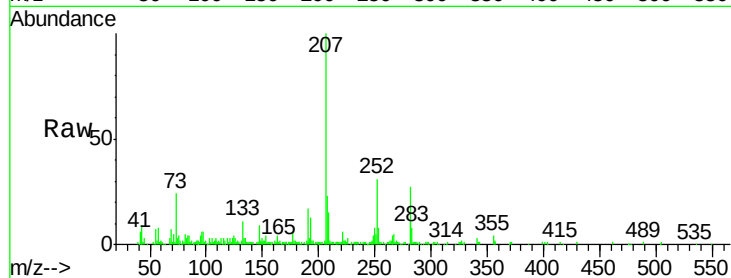
Acq: 28 Jan 2018 11:29

Instrument :

BNA_M

ClientSampleId :

F6A79ME



Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		49388		
253	24.6	18.2	27.2		
125	14.1	4.0	6.0		

Manual Integrations
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