

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
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Sohil
 1/30/2018 3:33:57 PM

Quant Time: Feb 08 11:32:24 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	92597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	389236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	244075	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	557948	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	633742	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	597554	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	480	0.20	ng/uL	0.00
5) Phenol-d5	6.79	99	6952m	0.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	4931	1.14	ng/ul	0.01
9) 2-Chlorophenol-d4	7.12	132	6222m	1.07	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	4867	0.89	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	4037m	1.34	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	3911m	1.23	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	6653m	1.08	ng/ul	0.03
29) 4-Chloroaniline-d4	10.54	131	5619m	1.05	ng/ul	0.04
43) Dimethylphthalate-d6	13.64	166	30690	1.53	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	34719	1.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	651	0.20	ng/ul	0.05
57) Fluorene-d10	15.22	176	25676	1.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1104	0.33	ng/ul	0.03
70) Anthracene-d10	17.08	188	41019m	1.51	ng/ul	0.00
76) Pyrene-d10	19.39	212	47861	1.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	42637	1.55	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.39	128	1635330	84.450	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	760724	52.691	ng/ul 97
40) 1,1'-Biphenyl	13.05	154	206984	10.188	ng/ul 99
49) Acenaphthene	14.29	153	583837	35.917	ng/ul 99
53) Dibenzofuran	14.63	168	799753	32.704	ng/ul 98
58) Fluorene	15.28	166	500133	24.967	ng/ul 96
68) Pentachlorophenol	16.64	266	26249	6.964	ng/ul 98
69) Phenanthrene	17.03	178	3148619	101.522	ng/ul 99
71) Anthracene	17.12	178	381570	11.928	ng/ul 97
72) Carbazole	17.40	167	155427	5.886	ng/ul 99
74) Fluoranthene	19.05	202	1665655	44.992	ng/ul 98
77) Pyrene	19.42	202	1062154	27.569	ng/ul 98
80) Benzo(a)anthracene	21.17	228	209393	5.468	ng/ul 99
82) Chrysene	21.22	228	153462	4.368	ng/ul 97
85) Benzo(b)fluoranthene	22.73	252	85246m	2.323	ng/ul

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

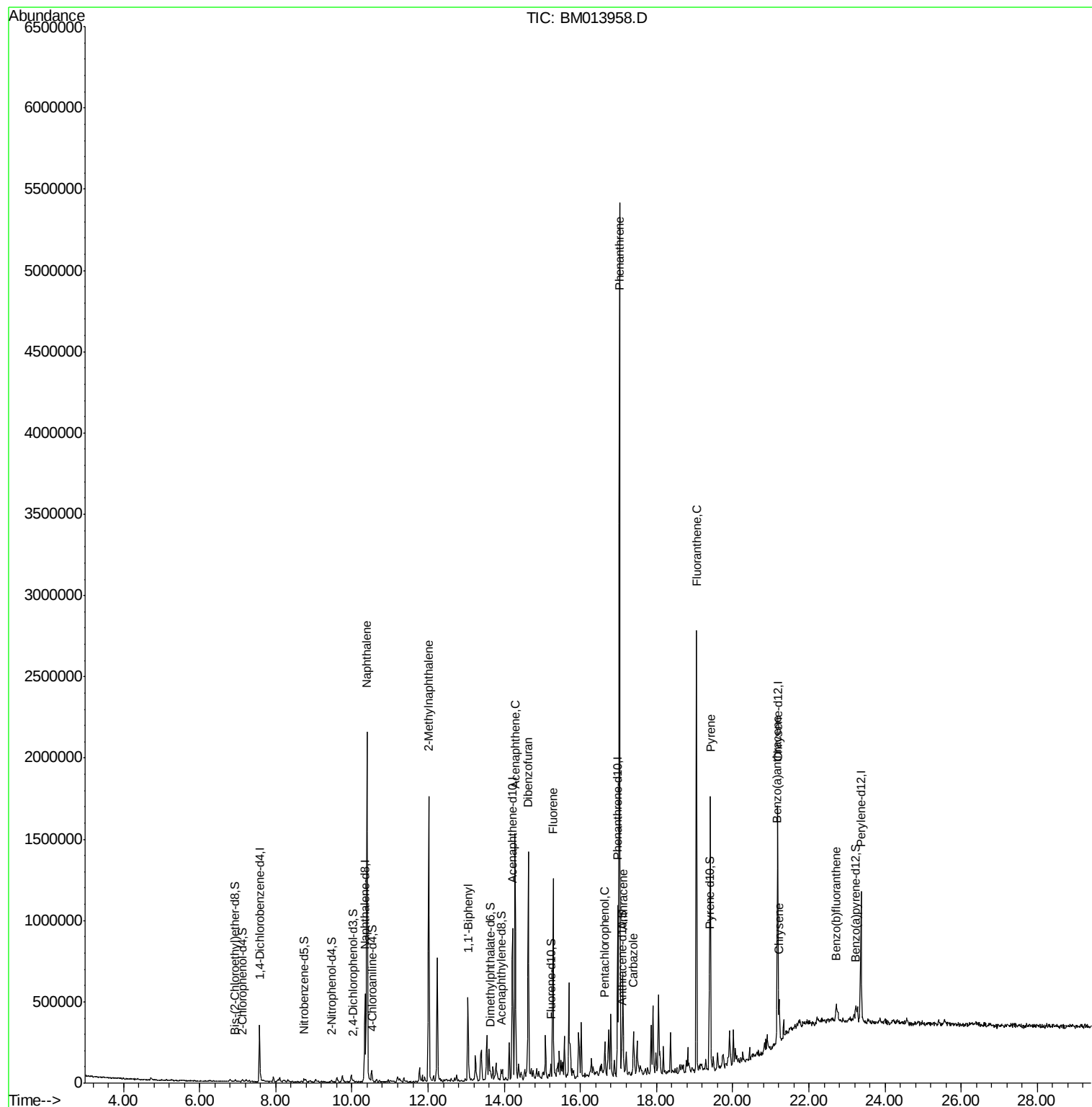
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012918\
Data File : BM013958.D
Acq On : 29 Jan 2018 14:47
Operator : SJ/JU
Sample : J1243-10 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

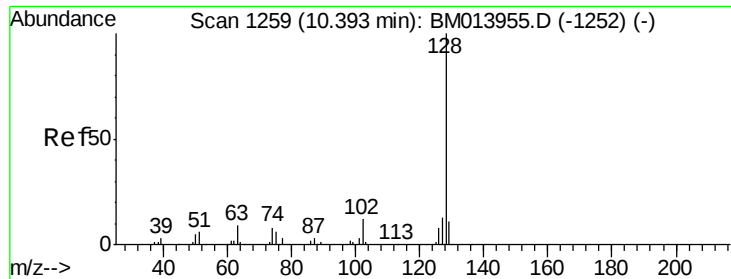
Instrument :
BNA_M
ClientSampleId :
F6B33

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Quant Time: Feb 08 11:32:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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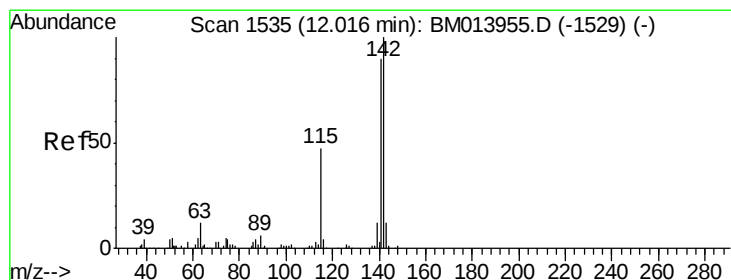
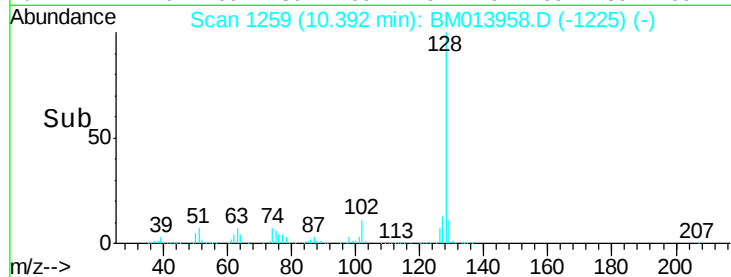
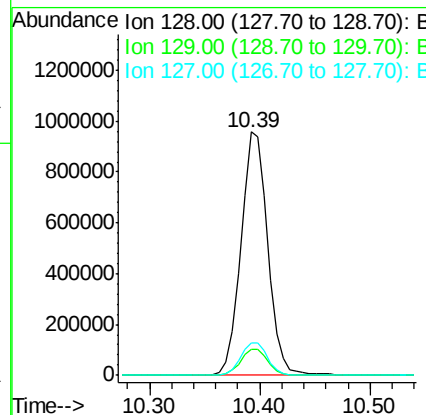
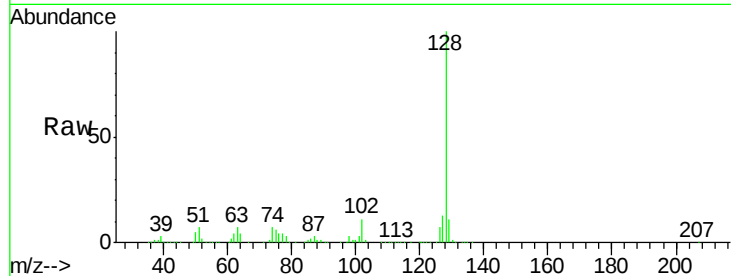
#28
Naphthalene
Concen: 84.450 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:128 Resp: 1635330
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 10.6 16.0

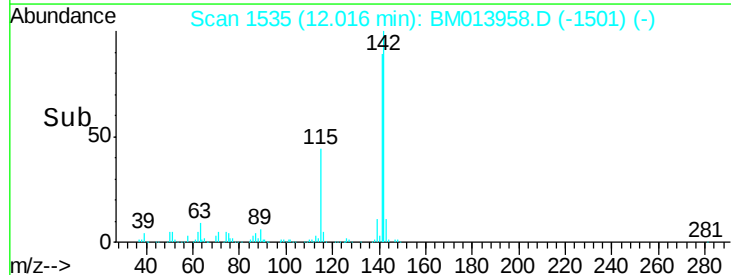
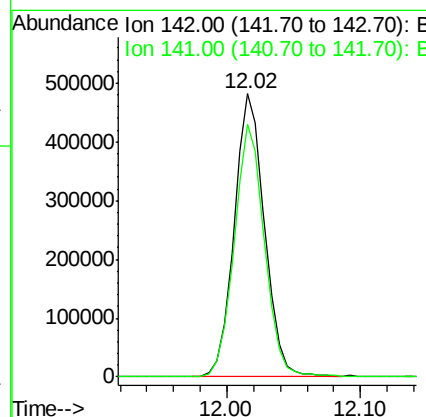
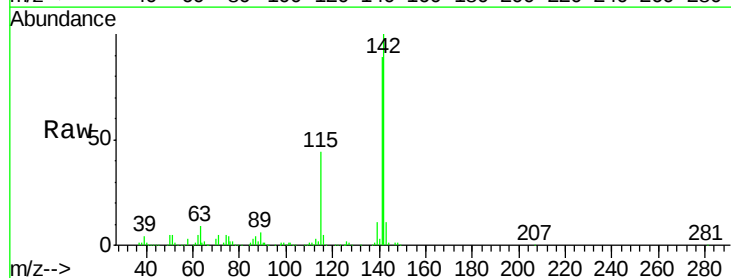
Manual Integrations
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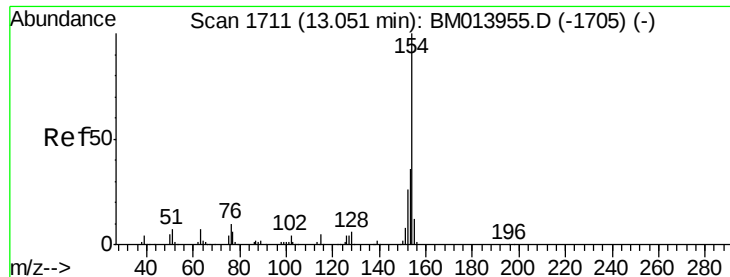
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#34
2-Methylnaphthalene
Concen: 52.691 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:142 Resp: 760724
Ion Ratio Lower Upper
142 100
141 89.3 74.1 111.1





#40

1,1'-Biphenyl

Concen: 10.188 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BM013958.D

Acq: 29 Jan 2018 14:47

Instrument :

BNA_M

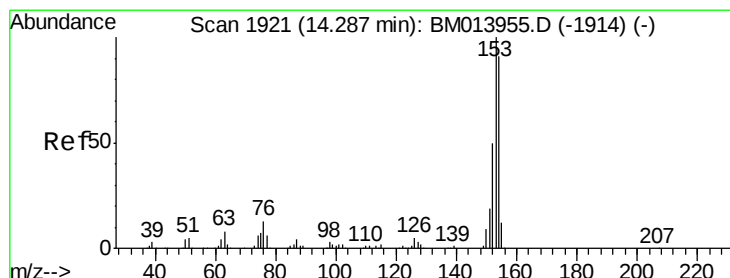
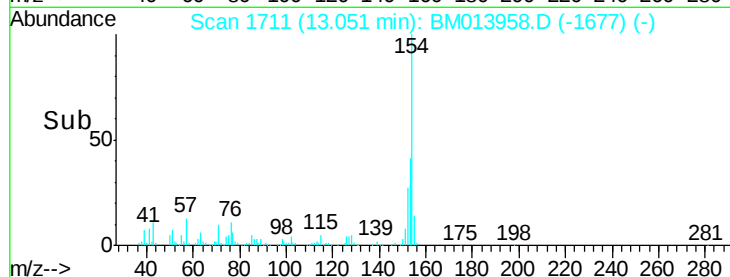
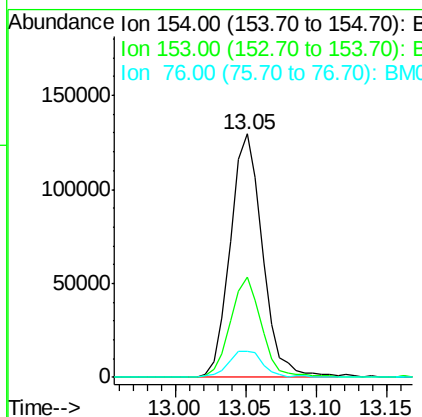
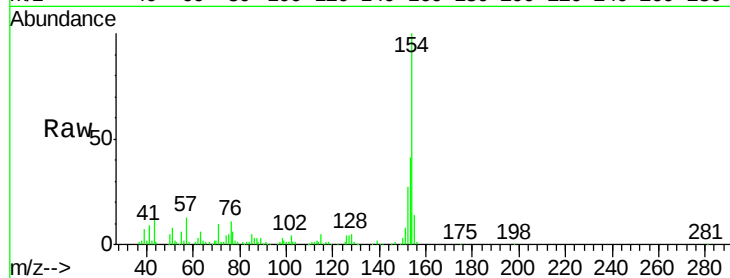
ClientSampleId :

F6B33

Tgt Ion:	154	Resp:	206984
Ion Ratio	Lower	Upper	
154	100		
153	41.2	32.6	48.8
76	10.5	8.5	12.7

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#49

Acenaphthene

Concen: 35.917 ng/ul

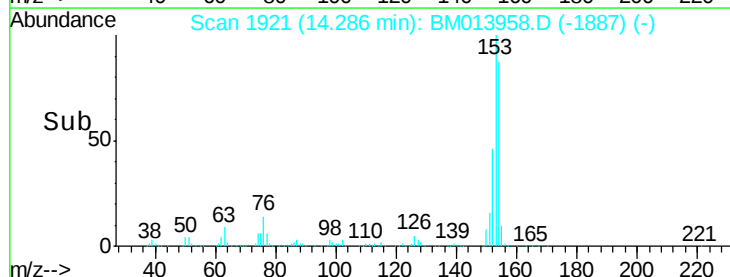
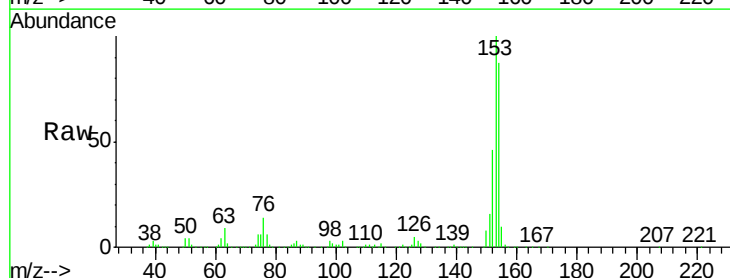
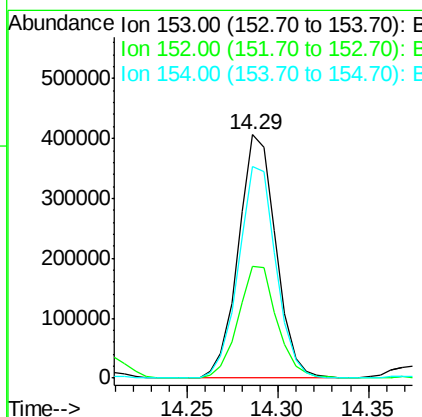
RT: 14.29 min Scan# 1921

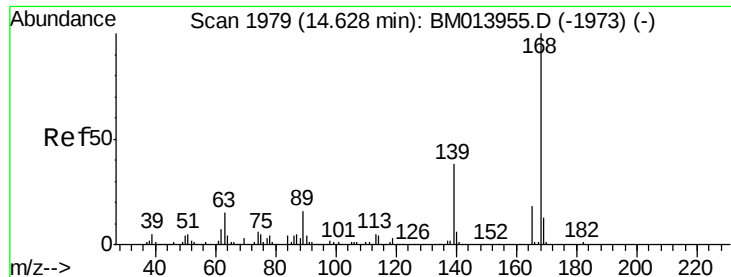
Delta R.T. -0.00 min

Lab File: BM013958.D

Acq: 29 Jan 2018 14:47

Tgt Ion:	153	Resp:	583837
Ion Ratio	Lower	Upper	
153	100		
152	45.7	37.6	56.4
154	87.1	70.4	105.6





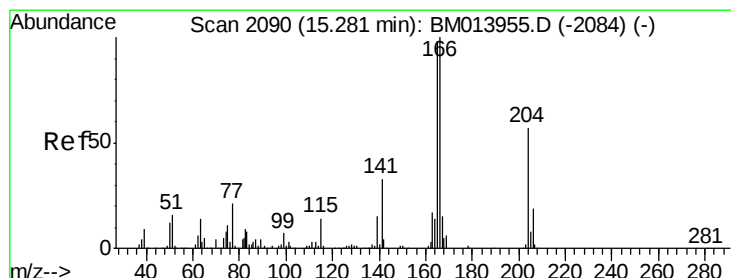
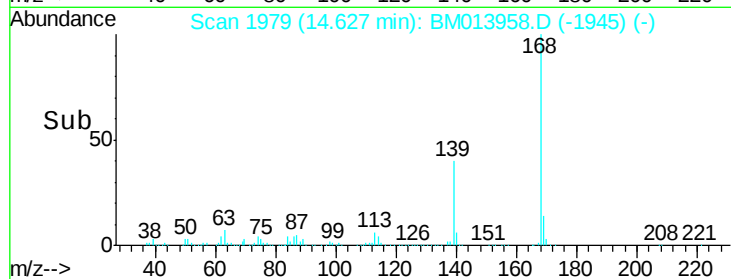
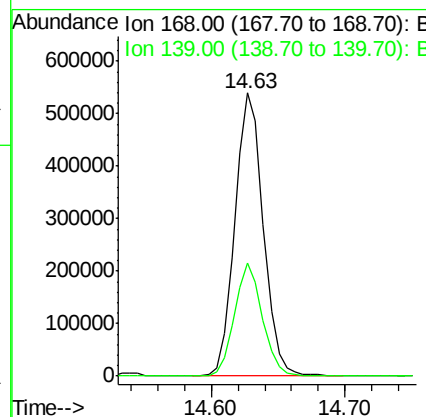
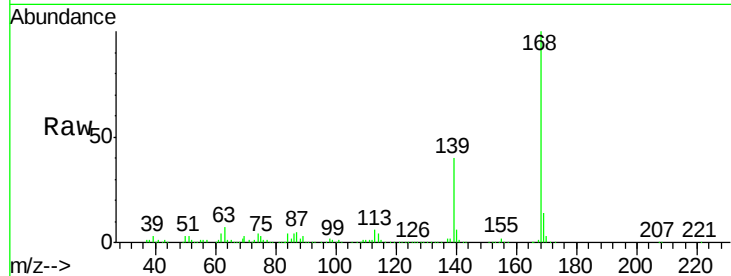
#53
Dibenzofuran
Concen: 32.704 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:168 Resp: 799753
Ion Ratio Lower Upper
168 100
139 40.0 30.8 46.2

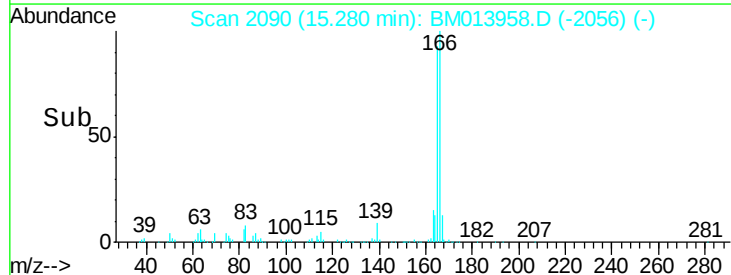
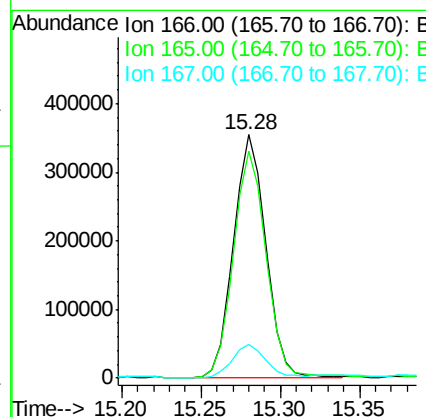
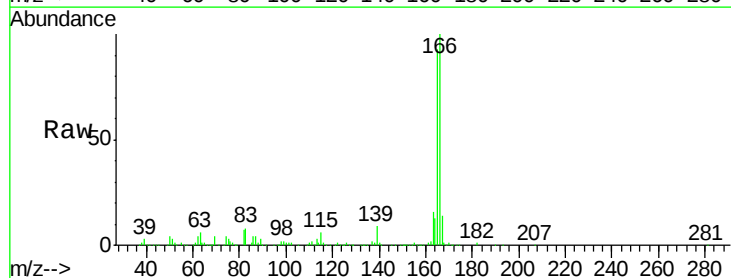
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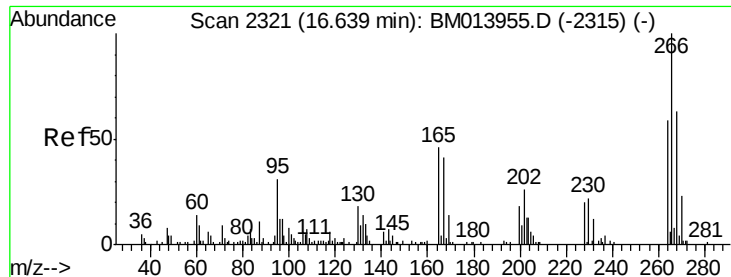
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#58
Fluorene
Concen: 24.967 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:166 Resp: 500133
Ion Ratio Lower Upper
166 100
165 93.3 77.9 116.9
167 13.9 10.6 16.0





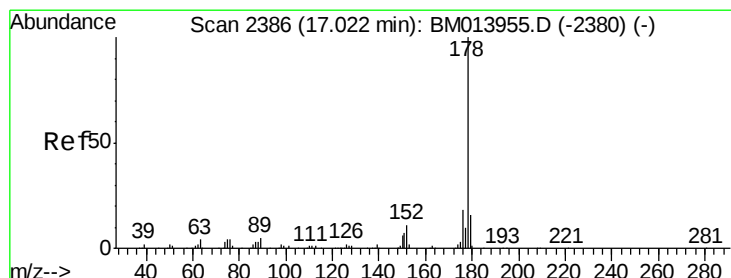
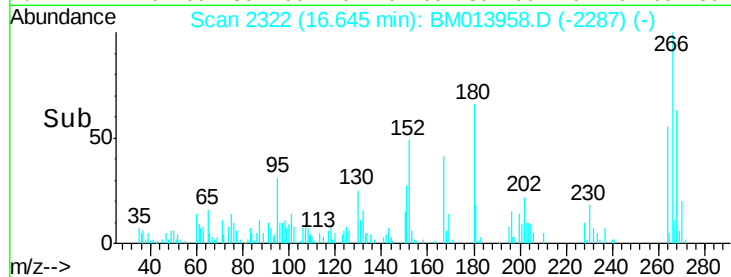
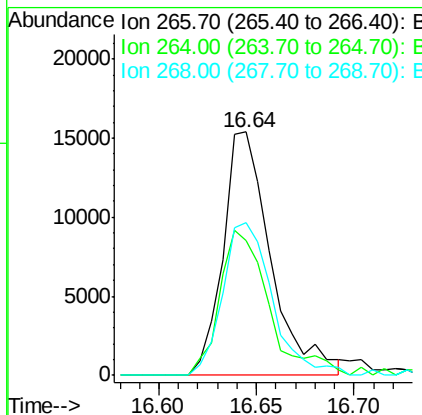
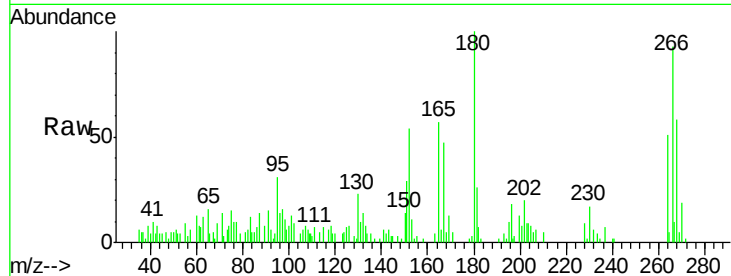
#68
 Pentachlorophenol
 Concen: 6.964 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BM013958.D
 Acq: 29 Jan 2018 14:47

Instrument :
 BNA_M
 ClientSampled :
 F6B33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	26249		
264	60.5	49.3	73.9	
268	63.0	52.6	78.8	

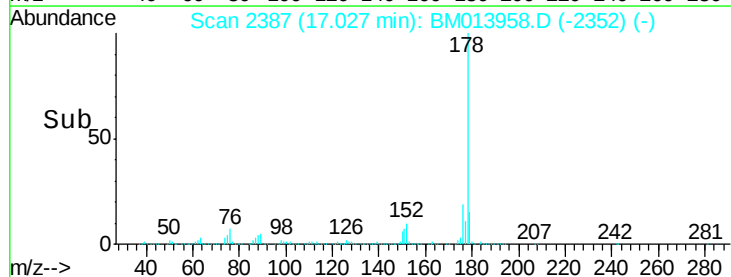
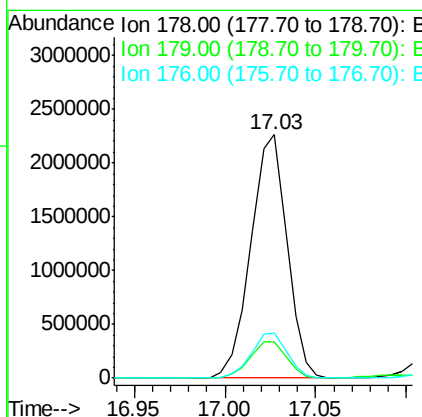
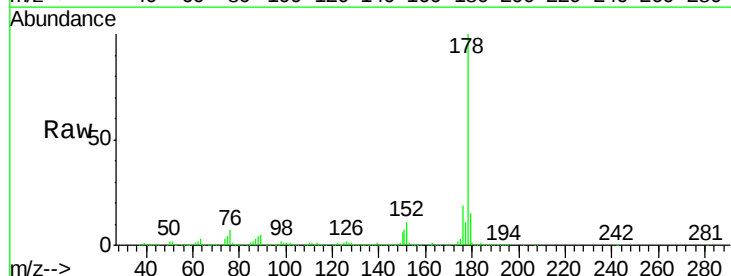
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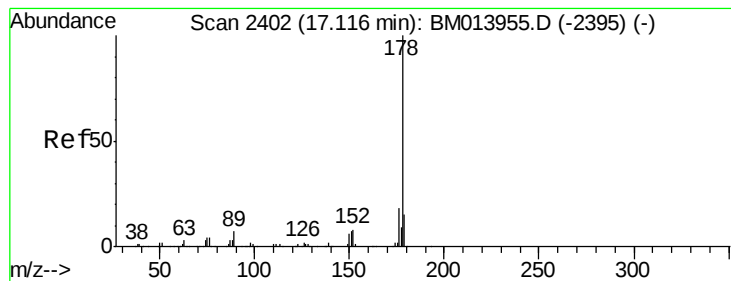
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#69
 Phenanthrene
 Concen: 101.522 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BM013958.D
 Acq: 29 Jan 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3148619		
179	15.0	12.6	19.0	
176	18.6	14.9	22.3	





#71

Anthracene

Concen: 11.928 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM013958.D

Acq: 29 Jan 2018 14:47

Instrument :

BNA_M

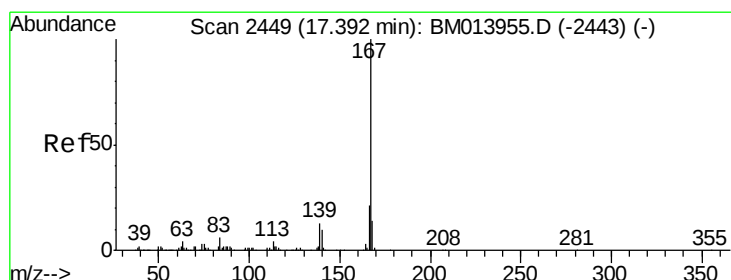
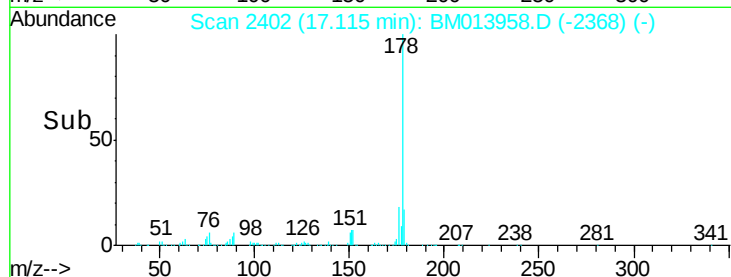
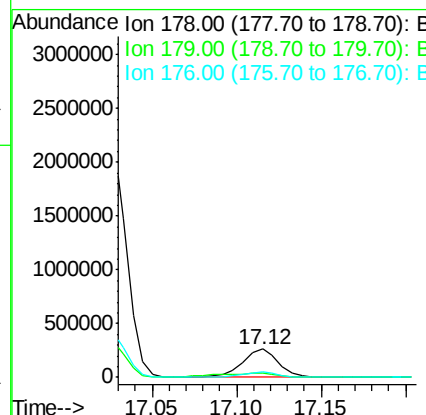
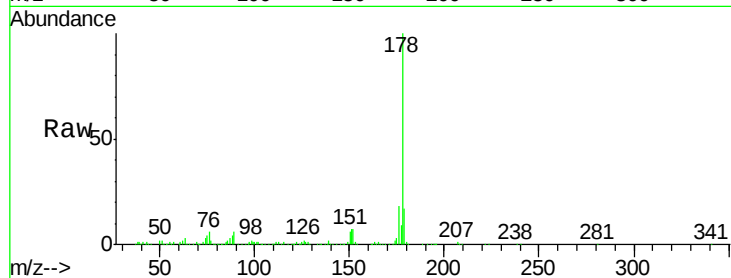
ClientSampleId :

F6B33

Tgt Ion:	178	Resp:	381570
Ion Ratio	Lower	Upper	
178	100		
179	17.2	11.7	17.5
176	17.9	14.6	21.8

Manual Integrations
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#72

Carbazole

Concen: 5.886 ng/ul

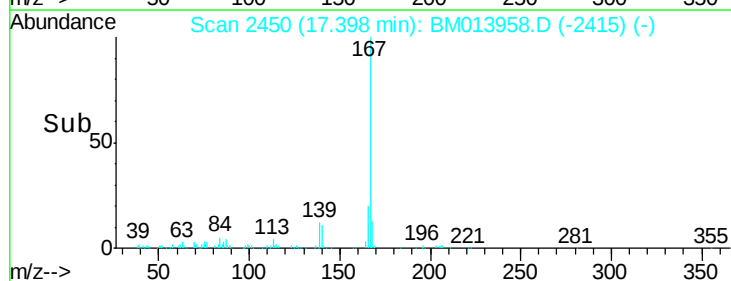
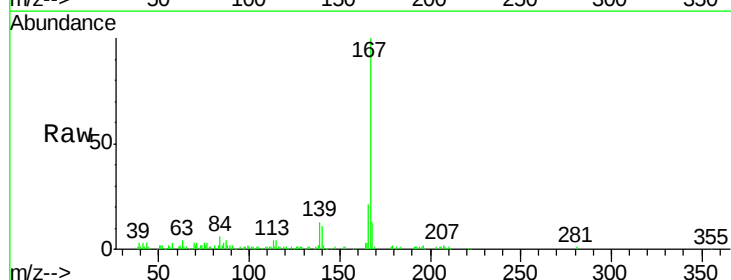
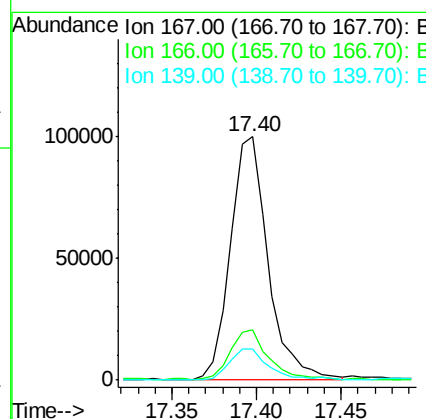
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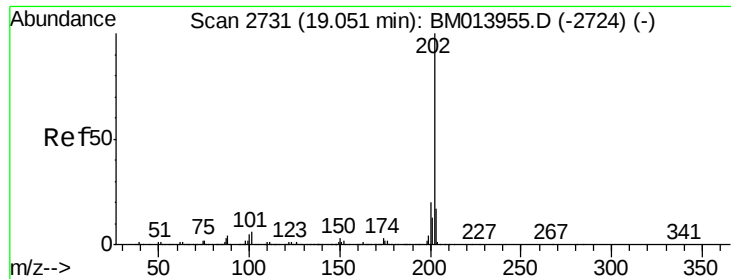
Delta R.T. 0.01 min

Lab File: BM013958.D

Acq: 29 Jan 2018 14:47

Tgt Ion:	167	Resp:	155427
Ion Ratio	Lower	Upper	
167	100		
166	20.8	17.1	25.7
139	12.7	10.0	15.0





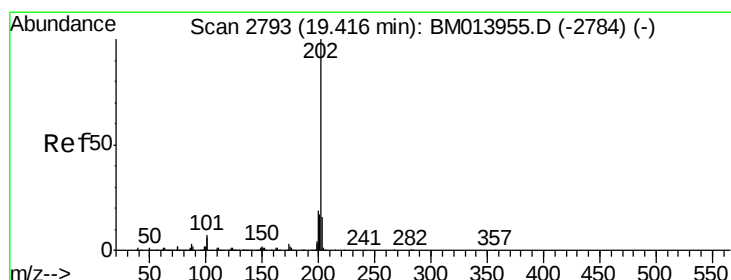
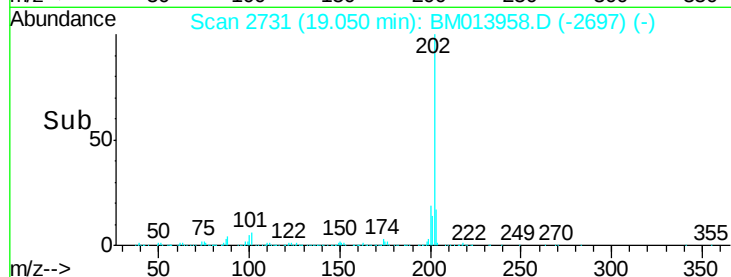
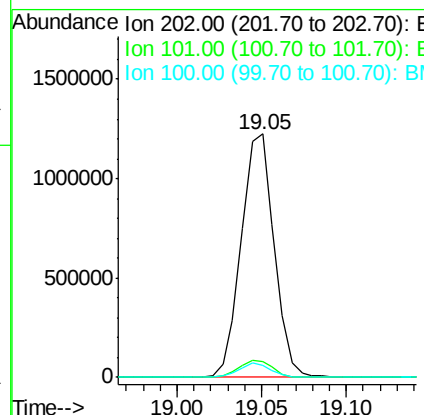
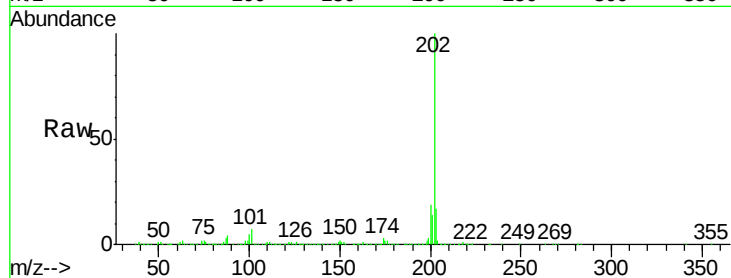
#74
 Fluoranthene
 Concen: 44.992 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BM013958.D
 Acq: 29 Jan 2018 14:47

Instrument :
 BNA_M
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 F6B33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	4.8	3.4	5.2

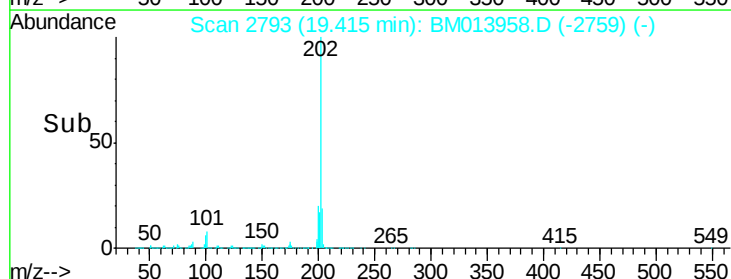
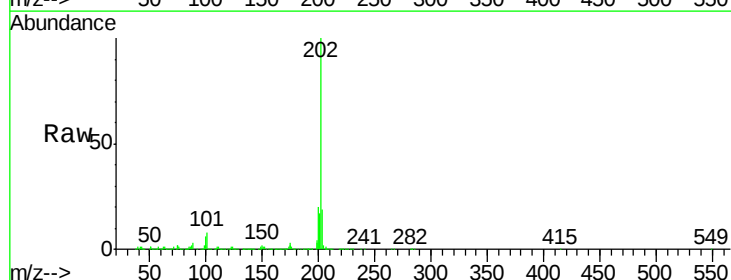
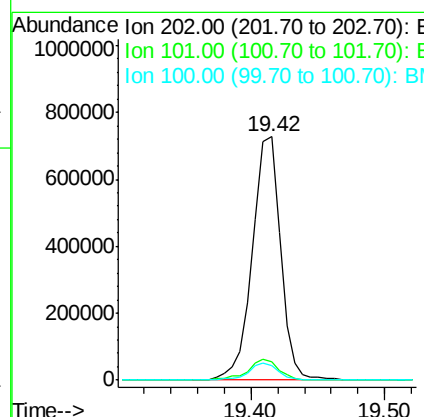
Manual Integrations
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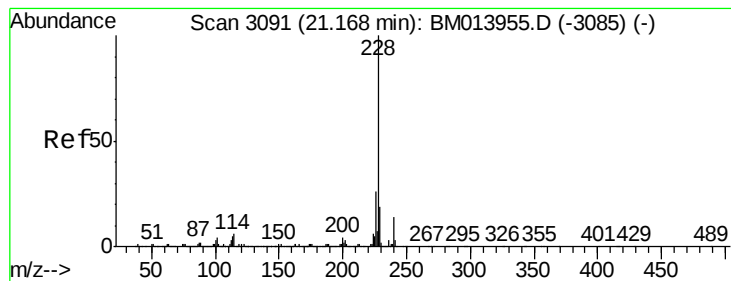
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#77
 Pyrene
 Concen: 27.569 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BM013958.D
 Acq: 29 Jan 2018 14:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	5.8	4.9	7.3





#80

Benzo(a)anthracene

Concen: 5.468 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM013958.D

Acq: 29 Jan 2018 14:47

Instrument :

BNA_M

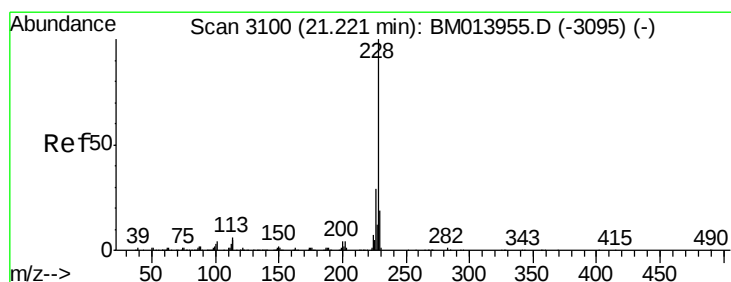
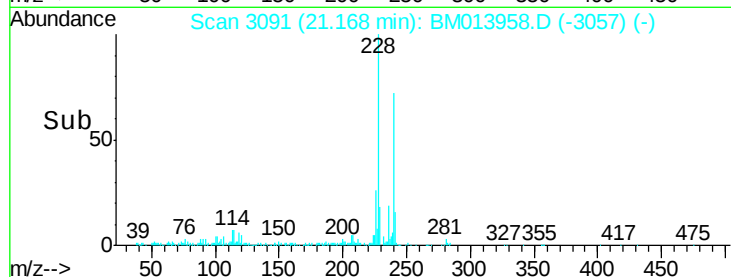
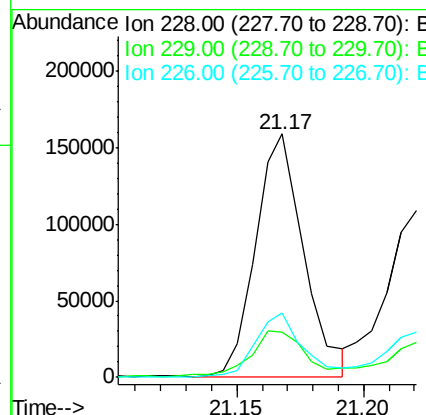
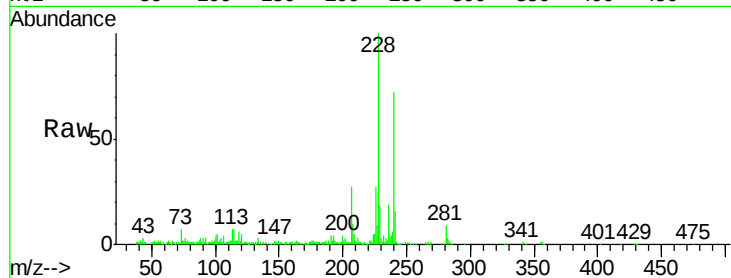
ClientSampleId :

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Tgt	Ion:228	Resp:	209393
Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.4	23.0
226	26.6	21.4	32.0

Manual Integrations
APPROVED

Sohil
1/30/2018 3:33:57 PM



#82

Chrysene

Concen: 4.368 ng/ul

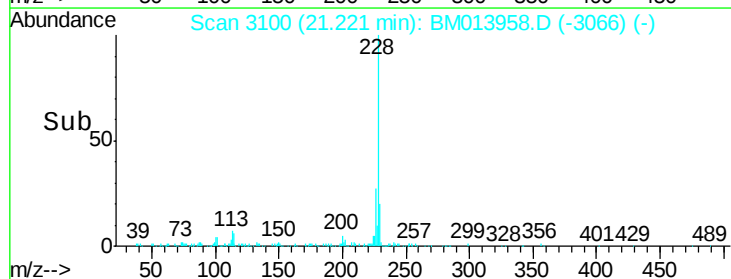
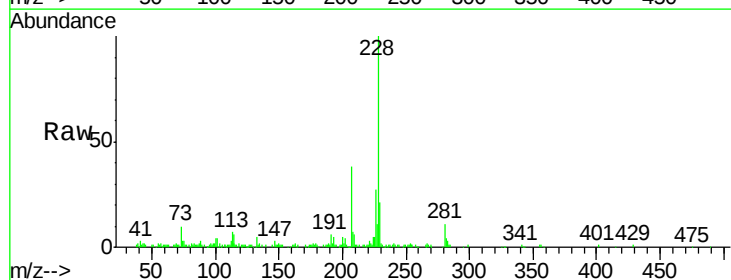
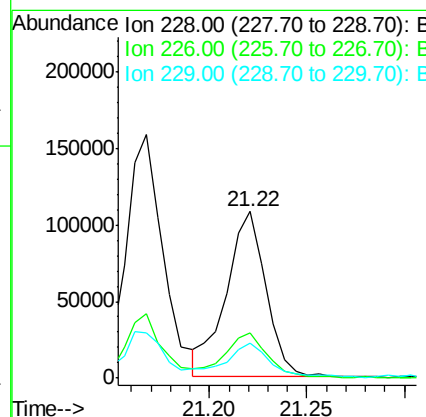
RT: 21.22 min Scan# 3100

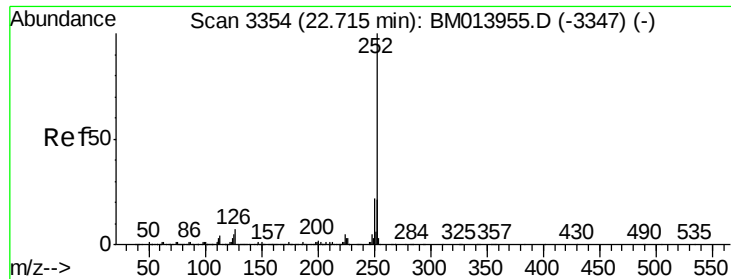
Delta R.T. -0.00 min

Lab File: BM013958.D

Acq: 29 Jan 2018 14:47

Tgt	Ion:228	Resp:	153462
Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.2
229	20.9	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 2.323 ng/ul m

RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM013958.D

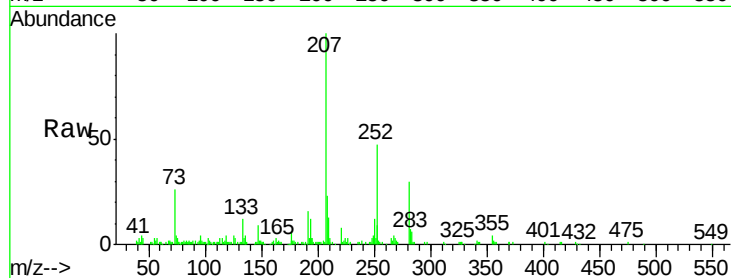
Acq: 29 Jan 2018 14:47

Instrument :

BNA_M

ClientSampleId :

F6B33



Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.1	17.9	26.9
125	7.7	3.6	5.4

Manual Integrations
APPROVED

Sohil
1/30/2018 3:33:57 PM

