

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033206.D
 Acq On : 20 Nov 2021 09:47
 Operator : CG/JU
 Sample : M4725-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L08

Quant Time: Nov 22 00:45:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

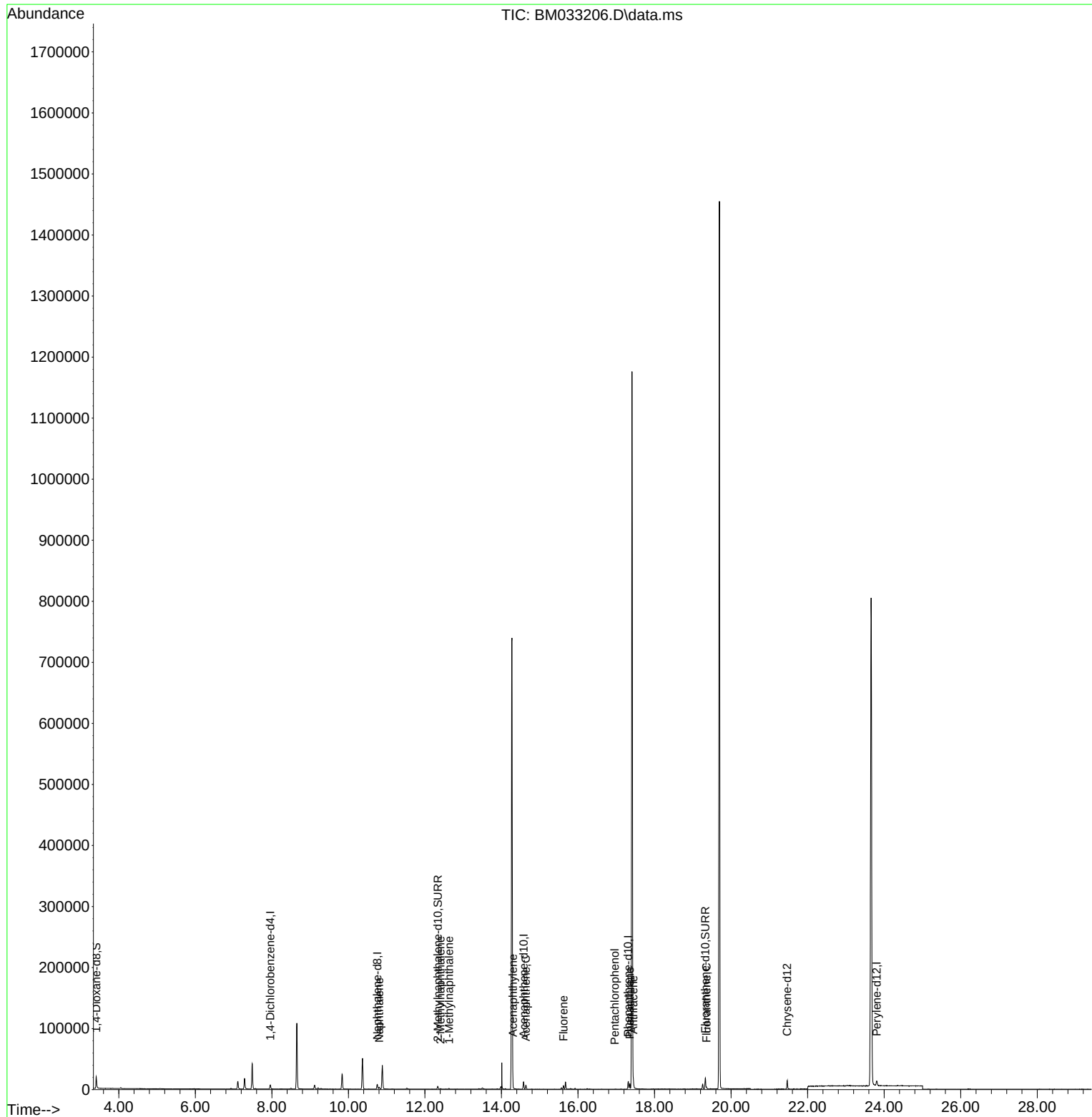
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	3400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	10238	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	6757	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	14837	0.400	ng/ul	-0.01
17) Chrysene-d12	21.466	240	12696	0.400	ng/ul	0.00
23) Perylene-d12	23.805	264	10960	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	11846	3.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5916	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	19212	0.522	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.805	128	4017	0.127	ng/ul	98
7) 2-Methylnaphthalene	12.406	142	595	0.029	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	691	0.034	ng/ul	100
10) Acenaphthylene	14.299	152	829	0.026	ng/ul#	79
11) Acenaphthene	14.637	153	3693	0.143	ng/ul	98
12) Fluorene	15.619	166	3587	0.123	ng/ul	99
14) Pentachlorophenol	16.959	266	115	0.023	ng/ul	96
15) Phenanthrene	17.354	178	9464	0.176	ng/ul	99
16) Anthracene	17.445	178	11992	0.276	ng/ul	99
19) Fluoranthene	19.357	202	2222	0.036	ng/ul#	69

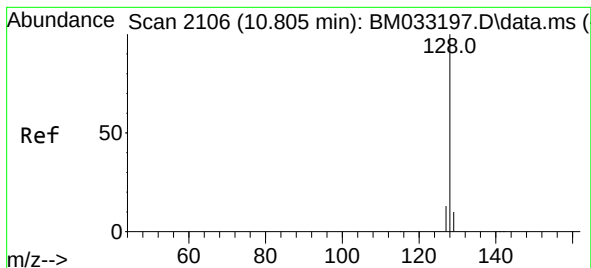
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.127 ng/ul

RT: 10.805 min Scan# 2106

Delta R.T. -0.005 min

Lab File: BM033206.D

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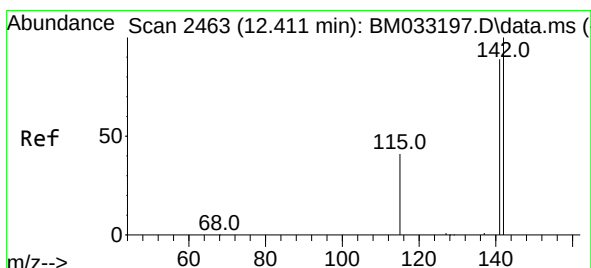
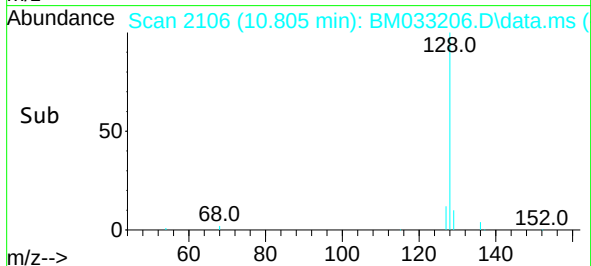
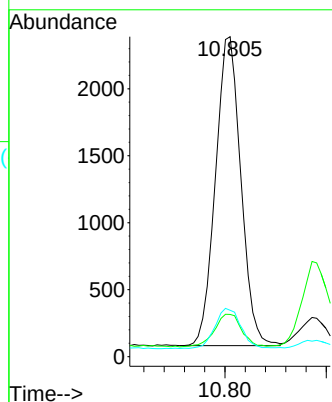
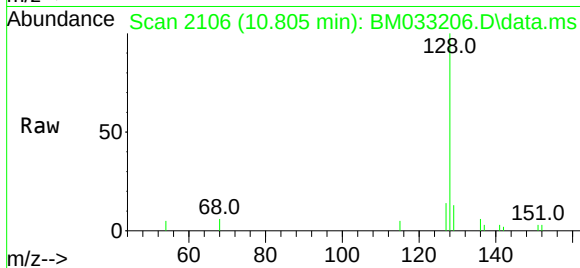
Tgt Ion:128 Resp: 4017

Ion Ratio Lower Upper

128 100

129 13.2 9.8 14.6

127 14.5 11.8 17.8



#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.406 min Scan# 2462

Delta R.T. -0.009 min

Lab File: BM033206.D

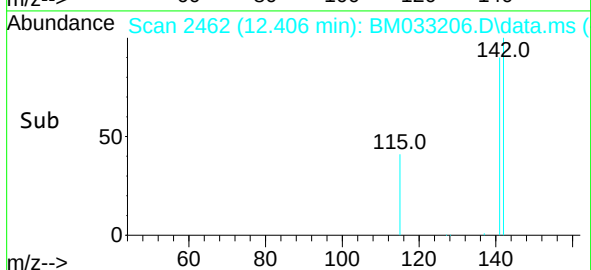
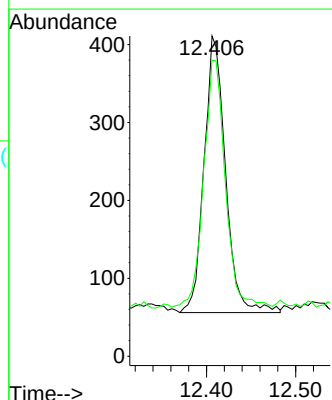
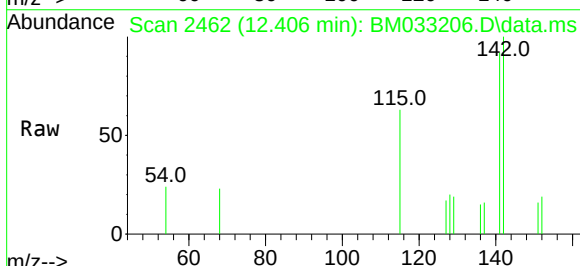
Acq: 20 Nov 2021 09:47

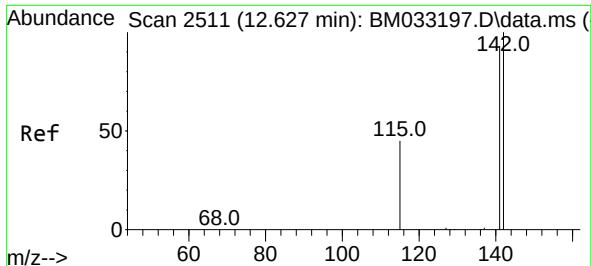
Tgt Ion:142 Resp: 595

Ion Ratio Lower Upper

142 100

141 89.6 73.3 109.9

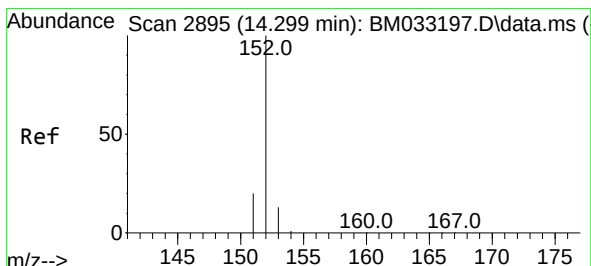
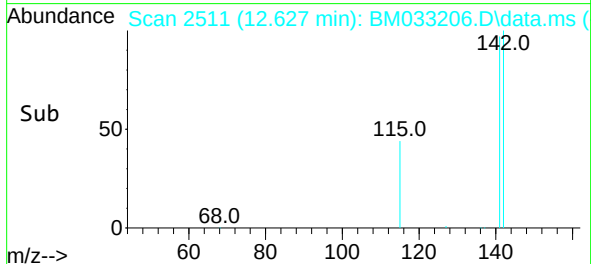
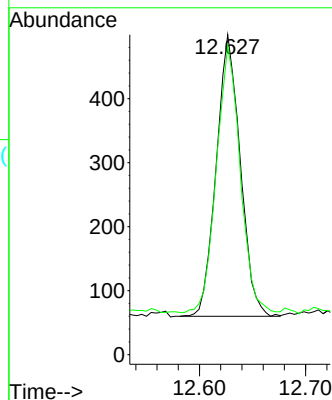
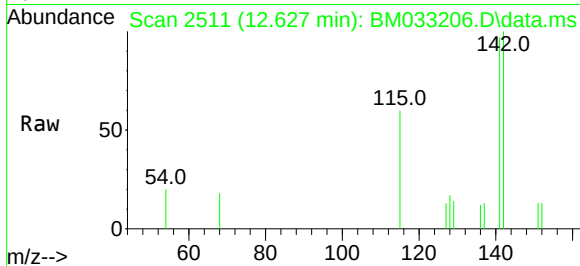




#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.627 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BM033206.D
Acq: 20 Nov 2021 09:47

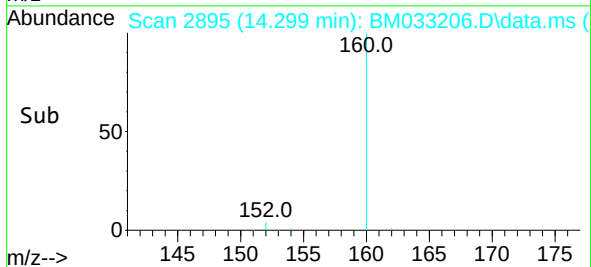
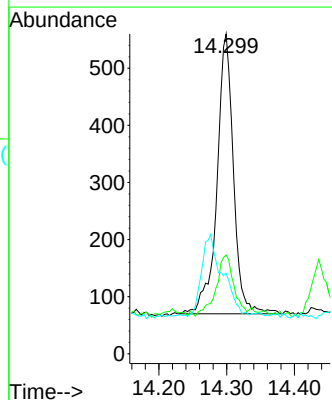
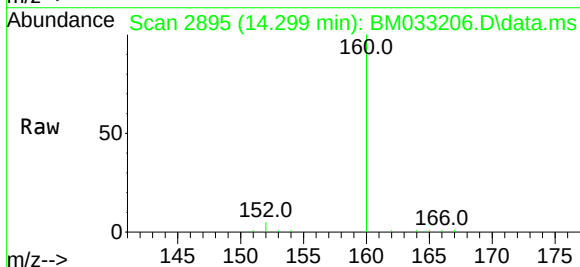
Instrument :
BNA_M
ClientSampleId :
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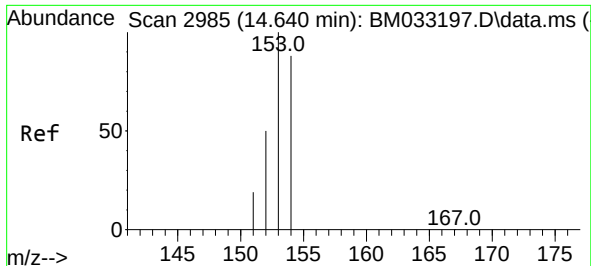
Tgt Ion:142 Resp: 691
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.299 min Scan# 2895
Delta R.T. -0.004 min
Lab File: BM033206.D
Acq: 20 Nov 2021 09:47

Tgt Ion:152 Resp: 829
Ion Ratio Lower Upper
152 100
151 30.9 16.7 25.1#
153 25.2 0.0 0.0#

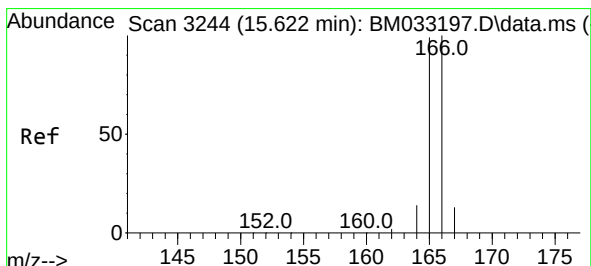
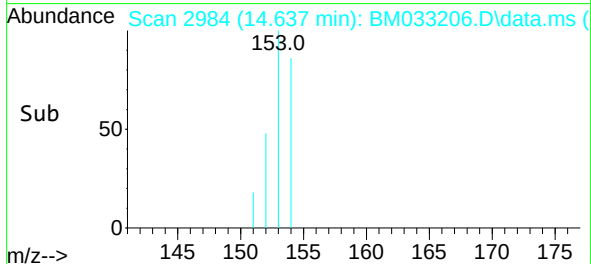
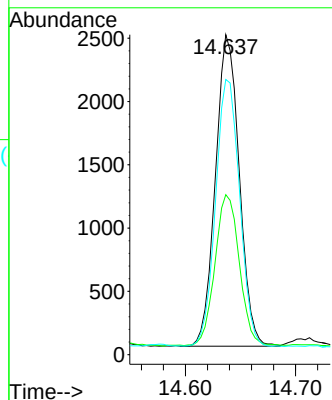
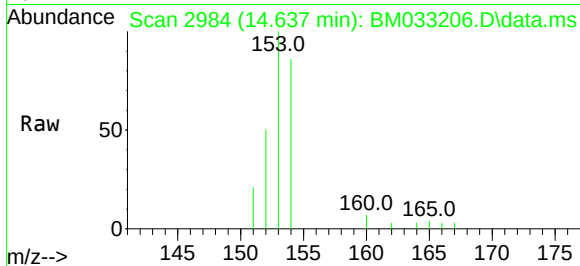




#11
Acenaphthene
Concen: 0.143 ng/ul
RT: 14.637 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033206.D
Acq: 20 Nov 2021 09:47

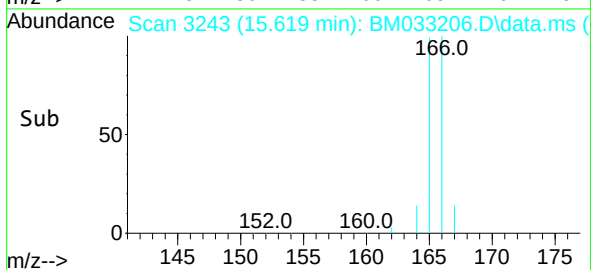
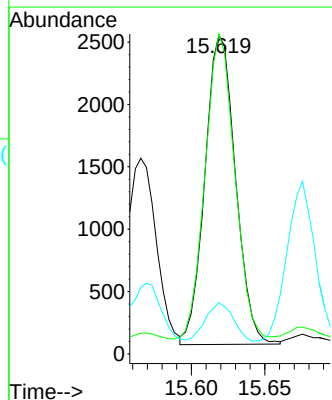
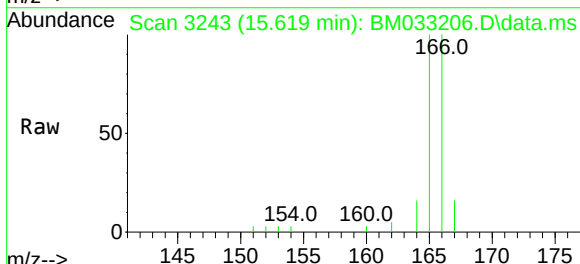
Instrument :
BNA_M
ClientSampleId :
F4L08

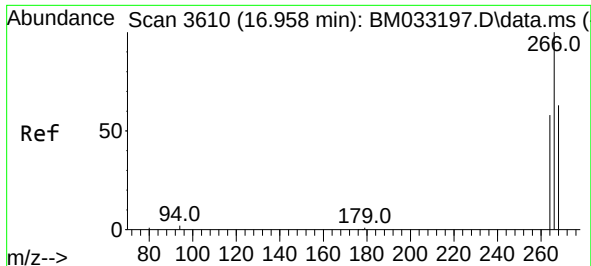
Tgt Ion:153 Resp: 3693
Ion Ratio Lower Upper
153 100
152 50.0 40.6 60.8
154 86.0 70.8 106.2



#12
Fluorene
Concen: 0.123 ng/ul
RT: 15.619 min Scan# 3243
Delta R.T. -0.008 min
Lab File: BM033206.D
Acq: 20 Nov 2021 09:47

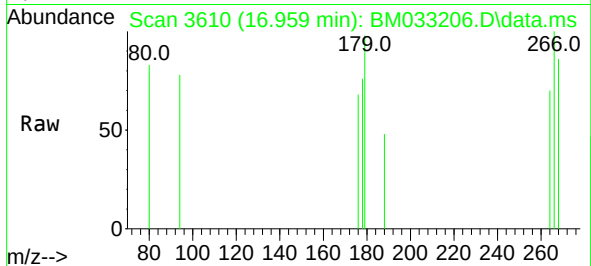
Tgt Ion:166 Resp: 3587
Ion Ratio Lower Upper
166 100
165 100.4 80.8 121.2
167 16.0 11.7 17.5



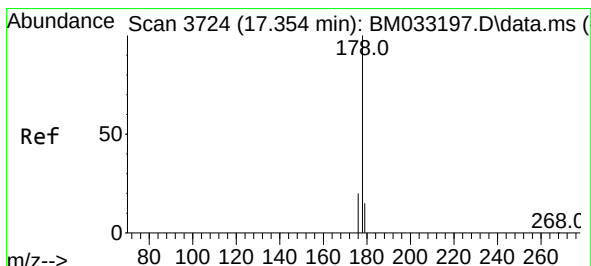
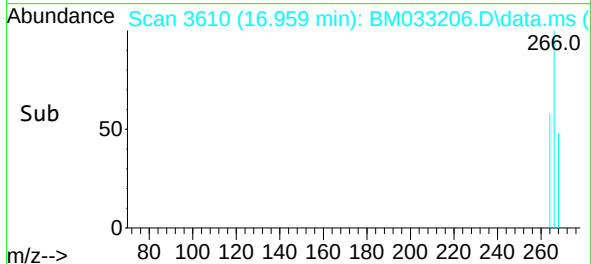
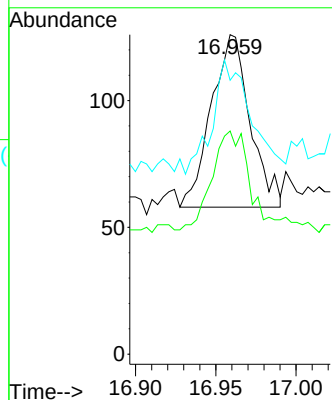


#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.959 min Scan# 3610
 Delta R.T. -0.007 min
 Lab File: BM033206.D
 Acq: 20 Nov 2021 09:47

Instrument :
 BNA_M
 ClientSampleId :
 F4L08

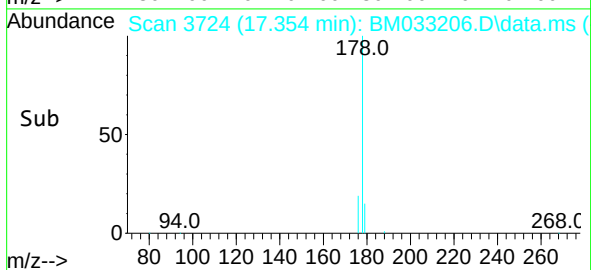
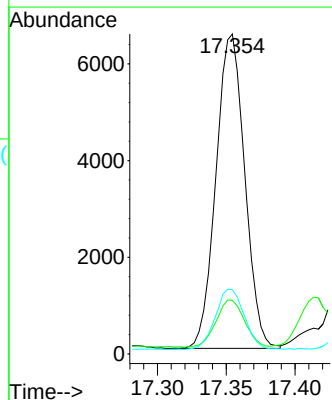
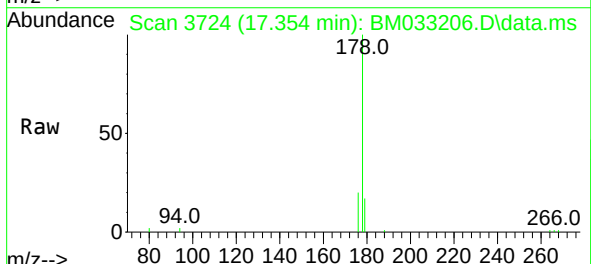


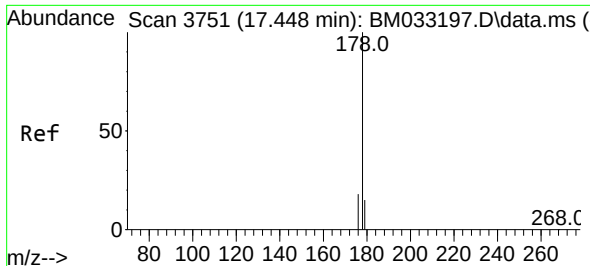
Tgt Ion:266 Resp: 115
 Ion Ratio Lower Upper
 266 100
 264 61.7 51.2 76.8
 268 62.6 52.9 79.3



#15
 Phenanthrene
 Concen: 0.176 ng/ul
 RT: 17.354 min Scan# 3724
 Delta R.T. -0.004 min
 Lab File: BM033206.D
 Acq: 20 Nov 2021 09:47

Tgt Ion:178 Resp: 9464
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.9 19.3
 176 20.0 16.0 24.0

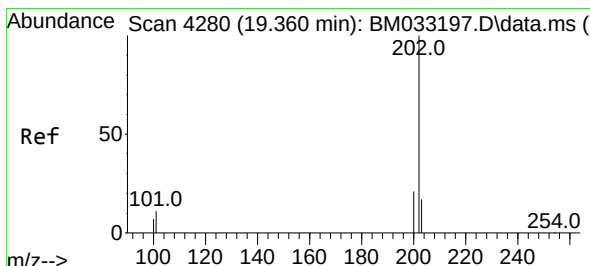
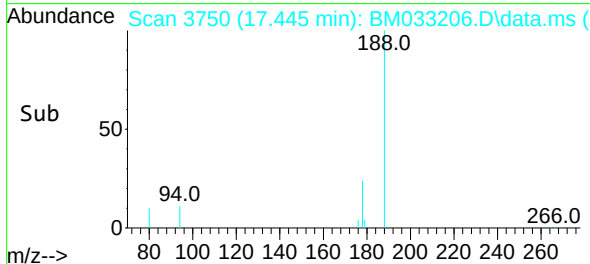
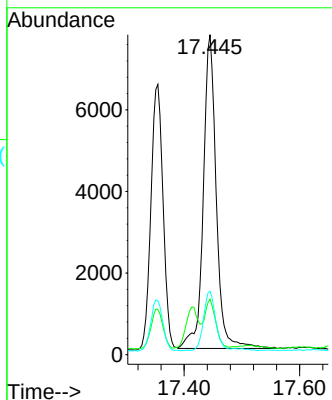
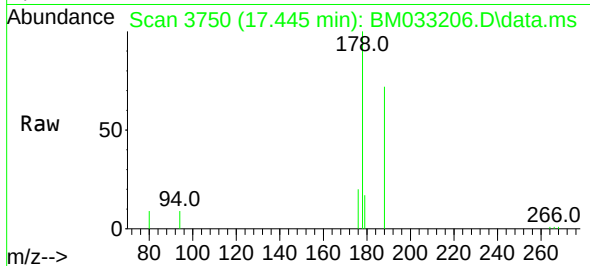




#16
 Anthracene
 Concen: 0.276 ng/ul
 RT: 17.445 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BM033206.D
 Acq: 20 Nov 2021 09:47

Instrument :
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 ClientSampleId :
 F4L08

Tgt Ion:	178	Resp:	11992
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.0	19.6
176	19.8	15.6	23.4



#19
 Fluoranthene
 Concen: 0.036 ng/ul
 RT: 19.357 min Scan# 4279
 Delta R.T. -0.004 min
 Lab File: BM033206.D
 Acq: 20 Nov 2021 09:47

Tgt Ion:	202	Resp:	2222
Ion Ratio	Lower	Upper	
202	100		
101	18.4	9.9	14.9#
100	27.7	7.3	10.9#

