

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033205.D
 Acq On : 20 Nov 2021 09:11
 Operator : CG/JU
 Sample : M4725-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 00:42:17 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	3376	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	10419	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	6784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	14831	0.400	ng/ul	-0.01
17) Chrysene-d12	21.465	240	12737	0.400	ng/ul	0.00
23) Perylene-d12	23.805	264	11176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	12052	3.796	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.334	152	5095	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	16388	0.444	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.805	128	5875	0.182	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	501	0.024	ng/ul	93
11) Acenaphthene	14.637	153	3449	0.133	ng/ul	99
12) Fluorene	15.619	166	4297	0.146	ng/ul	98
14) Pentachlorophenol	16.956	266	285	0.058	ng/ul	99
15) Phenanthrene	17.351	178	7517	0.140	ng/ul	98
16) Anthracene	17.441	178	1546m	0.036	ng/ul	
19) Fluoranthene	19.357	202	1771	0.029	ng/ul#	69

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

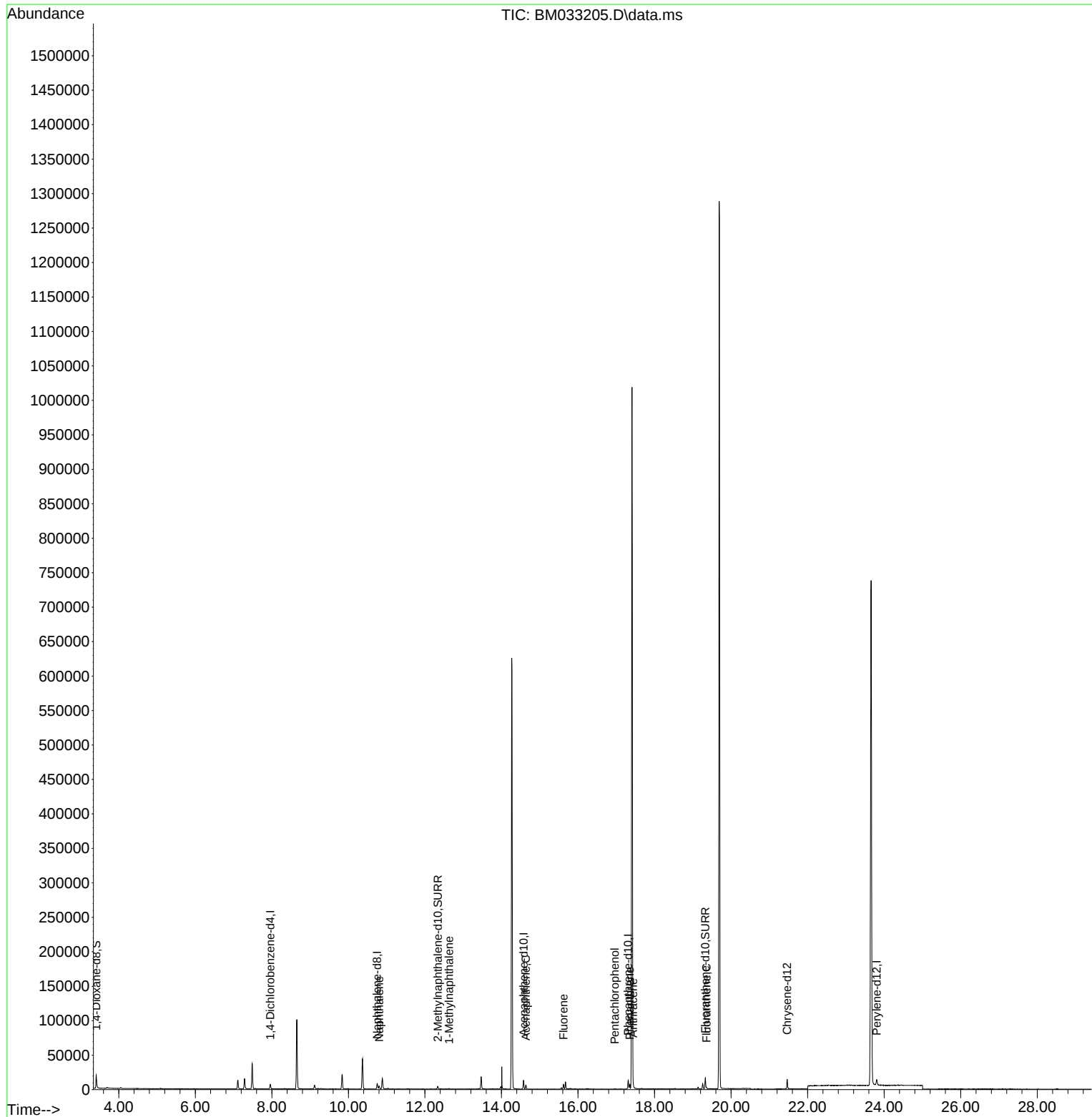
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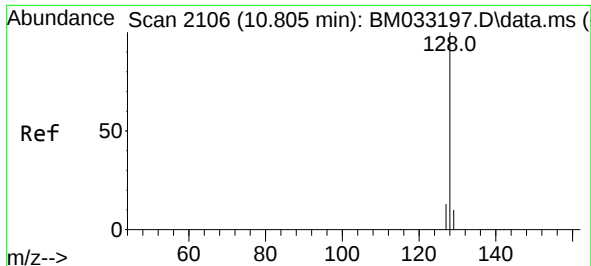
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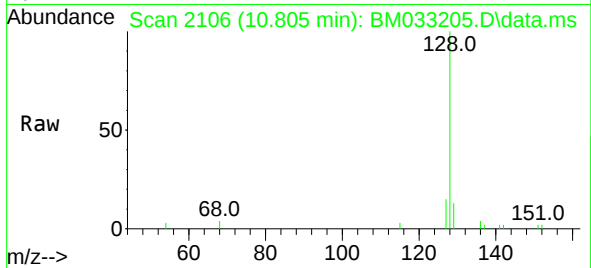
Quant Time: Nov 22 00:42:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.182 ng/ul
RT: 10.805 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BM033205.D
Acq: 20 Nov 2021 09:11

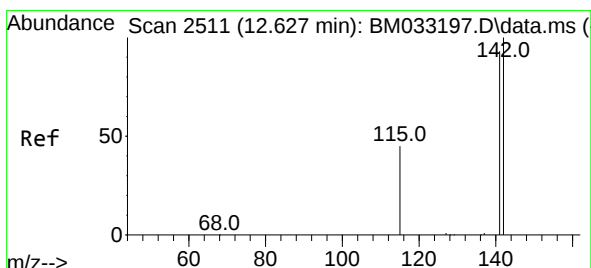
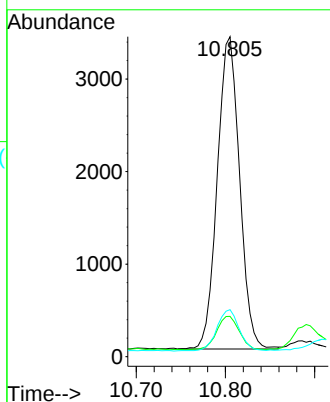
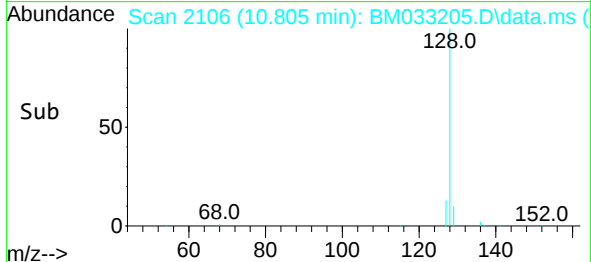
Instrument :
BNA_M
ClientSampleId :
F4L01



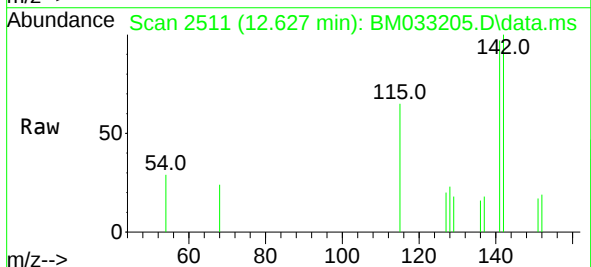
Tgt Ion:128 Resp: 587
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 14.7 11.8 17.8

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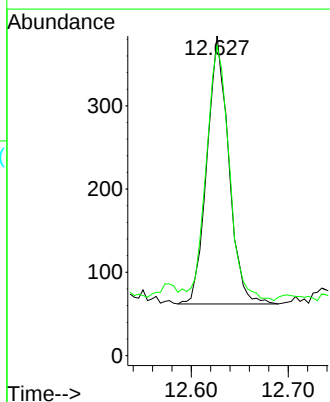
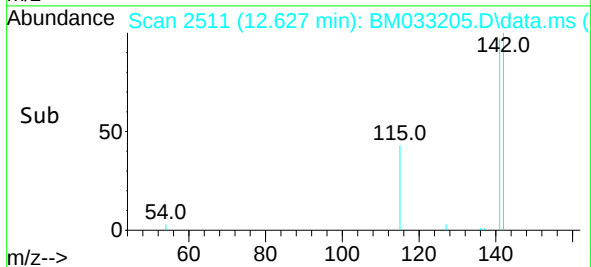
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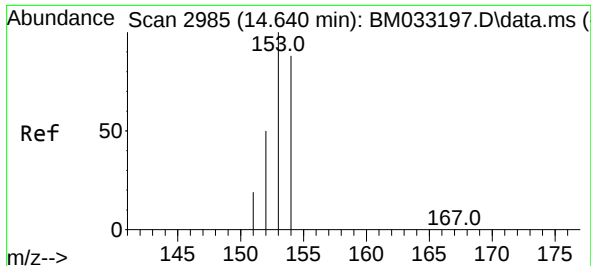


#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.627 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BM033205.D
Acq: 20 Nov 2021 09:11



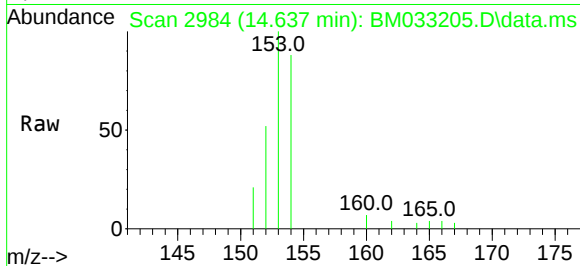
Tgt Ion:142 Resp: 501
Ion Ratio Lower Upper
142 100
141 100.0 74.5 111.7





#11
Acenaphthene
Concen: 0.133 ng/u1
RT: 14.637 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033205.D
Acq: 20 Nov 2021 09:11

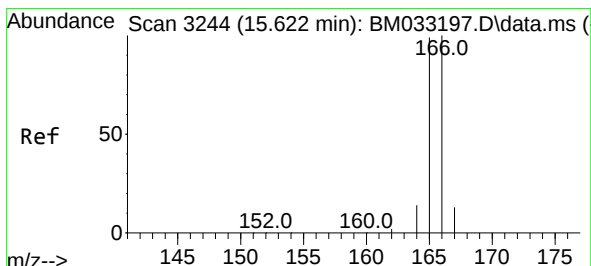
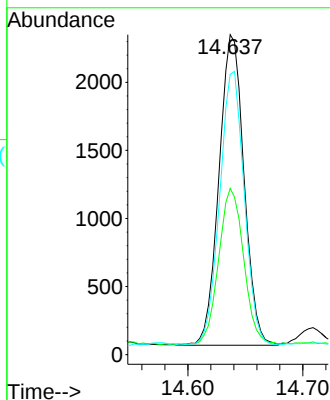
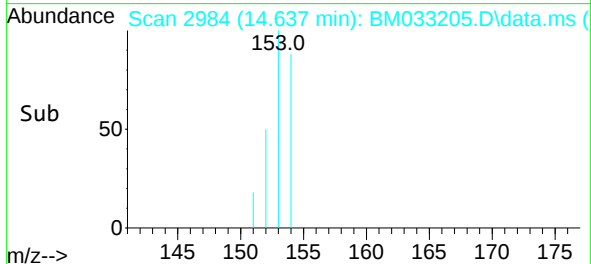
Instrument :
BNA_M
ClientSampleId :
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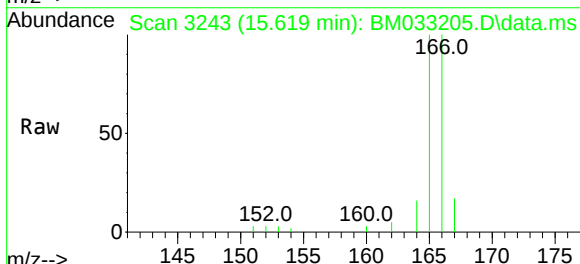
Tgt Ion:153 Resp: 3449
Ion Ratio Lower Upper
153 100
152 52.0 40.6 60.8
154 87.6 70.8 106.2

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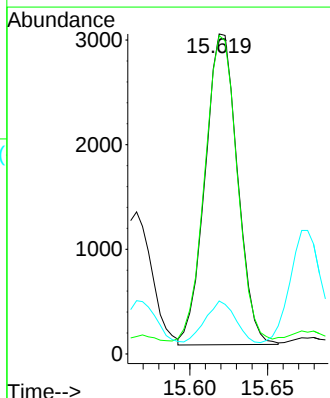
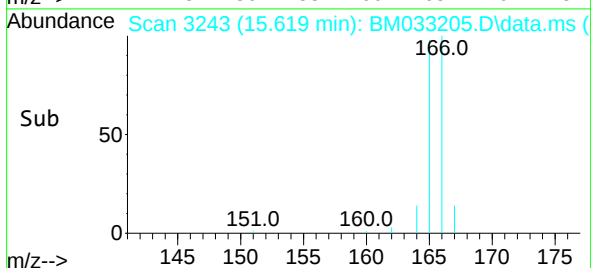
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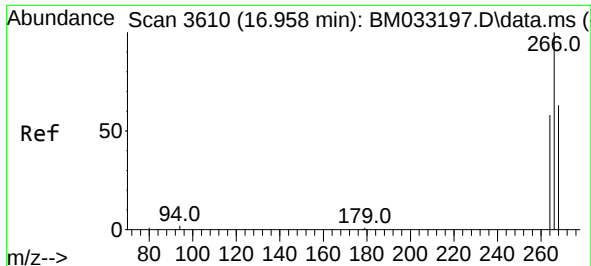


#12
Fluorene
Concen: 0.146 ng/u1
RT: 15.619 min Scan# 3243
Delta R.T. -0.008 min
Lab File: BM033205.D
Acq: 20 Nov 2021 09:11



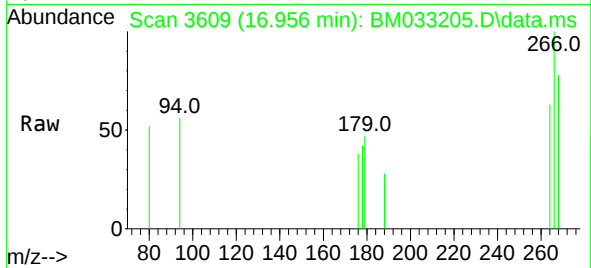
Tgt Ion:166 Resp: 4297
Ion Ratio Lower Upper
166 100
165 99.5 80.8 121.2
167 16.5 11.7 17.5





#14
Pentachlorophenol
Concen: 0.058 ng/ul
RT: 16.956 min Scan# 3609
Delta R.T. -0.010 min
Lab File: BM033205.D
Acq: 20 Nov 2021 09:11

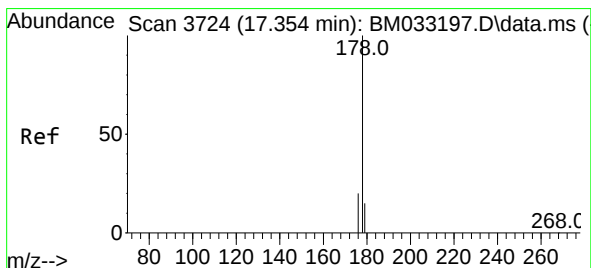
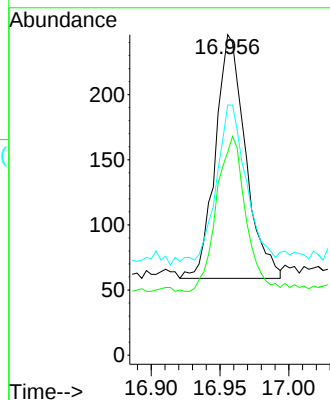
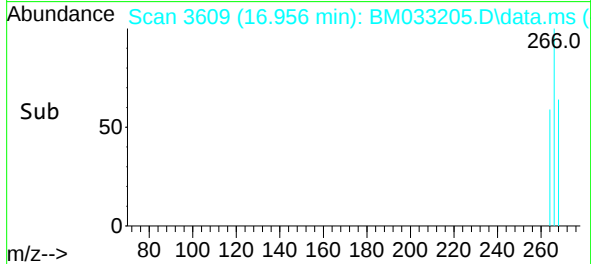
Instrument :
BNA_M
ClientSampleId :
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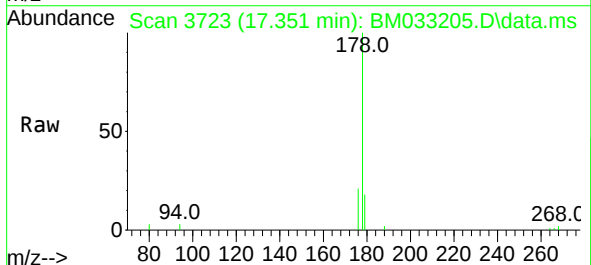
Tgt Ion:266 Resp: 289
Ion Ratio Lower Upper
266 100
264 63.2 51.2 76.8
268 67.0 52.9 79.3

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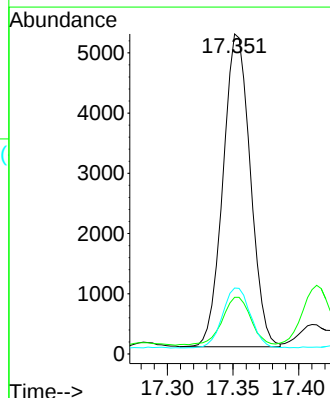
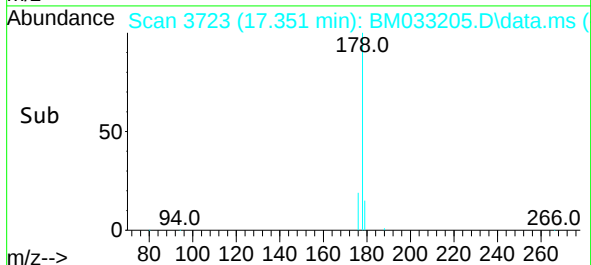
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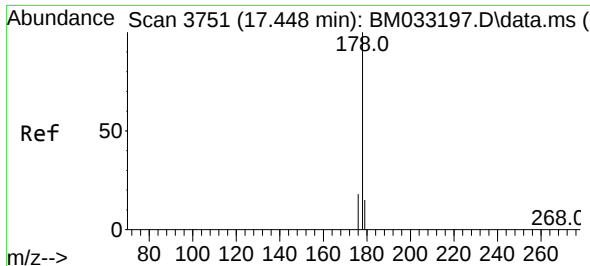


#15
Phenanthrene
Concen: 0.140 ng/ul
RT: 17.351 min Scan# 3723
Delta R.T. -0.007 min
Lab File: BM033205.D
Acq: 20 Nov 2021 09:11



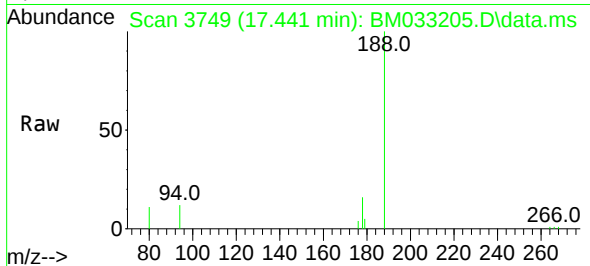
Tgt Ion:178 Resp: 7517
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.6 16.0 24.0





#16
 Anthracene
 Concen: 0.036 ng/ul m
 RT: 17.441 min Scan# 3751
 Delta R.T. -0.010 min
 Lab File: BM033205.D
 Acq: 20 Nov 2021 09:11

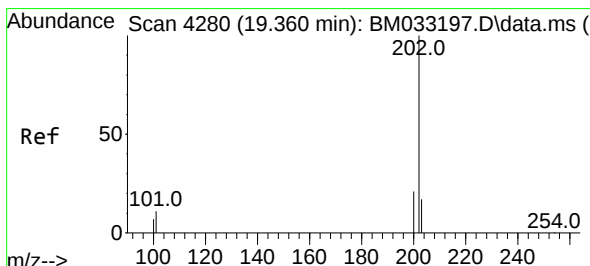
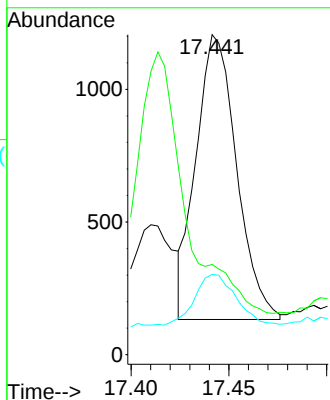
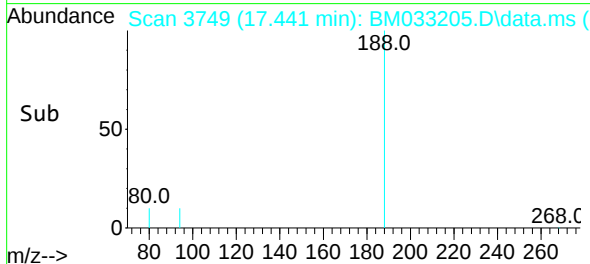
Instrument :
 BNA_M
 ClientSampleId :
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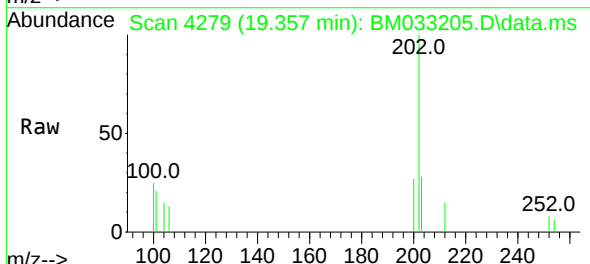
Tgt Ion:178 Resp: 1540
 Ion Ratio Lower Upper
 178 100
 179 28.2 13.0 19.6#
 176 25.1 15.6 23.4#

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#19
 Fluoranthene
 Concen: 0.029 ng/ul
 RT: 19.357 min Scan# 4279
 Delta R.T. -0.004 min
 Lab File: BM033205.D
 Acq: 20 Nov 2021 09:11



Tgt Ion:202 Resp: 1771
 Ion Ratio Lower Upper
 202 100
 101 21.0 9.9 14.9#
 100 25.1 7.3 10.9#

