

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
 Data File : BM033234.D
 Acq On : 23 Nov 2021 12:59
 Operator : CG/JU
 Sample : M4725-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L06

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
 Supervised By :mohammad ahmed 11/26/2021

Quant Time: Nov 23 13:57:18 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	7.949	152	3447	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.747	136	10563	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.572	164	8291	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.305	188	17198	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.467	240	19450	0.400	ng/ul	# 0.00
23) Perylene-d12	23.809	264	10867	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	13820	4.264	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.325	152	5112	0.349	ng/ul	-0.02
18) Fluoranthene-d10	19.326	212	27471	0.487	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	655	0.180	ng/ul#	68
5) Naphthalene	10.792	128	2055	0.063	ng/ul#	65
7) 2-Methylnaphthalene	12.402	142	515	0.024	ng/ul#	72
8) 1-Methylnaphthalene	12.618	142	2998m	0.143	ng/ul	
10) Acenaphthylene	14.295	152	33643	0.868	ng/ul#	92
11) Acenaphthene	14.636	153	1291554	40.620	ng/ul	97
12) Fluorene	15.618	166	415976	11.594	ng/ul	98
14) Pentachlorophenol	16.955	266	222	0.039	ng/ul	92
15) Phenanthrene	17.351	178	6200m	0.099	ng/ul	
16) Anthracene	17.441	178	135789	2.694	ng/ul	98
19) Fluoranthene	19.356	202	23696	0.253	ng/ul#	86
20) Pyrene	19.719	202	18569m	0.200	ng/ul	
21) Benzo(a)anthracene	21.453	228	3111	0.045	ng/ul#	19

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

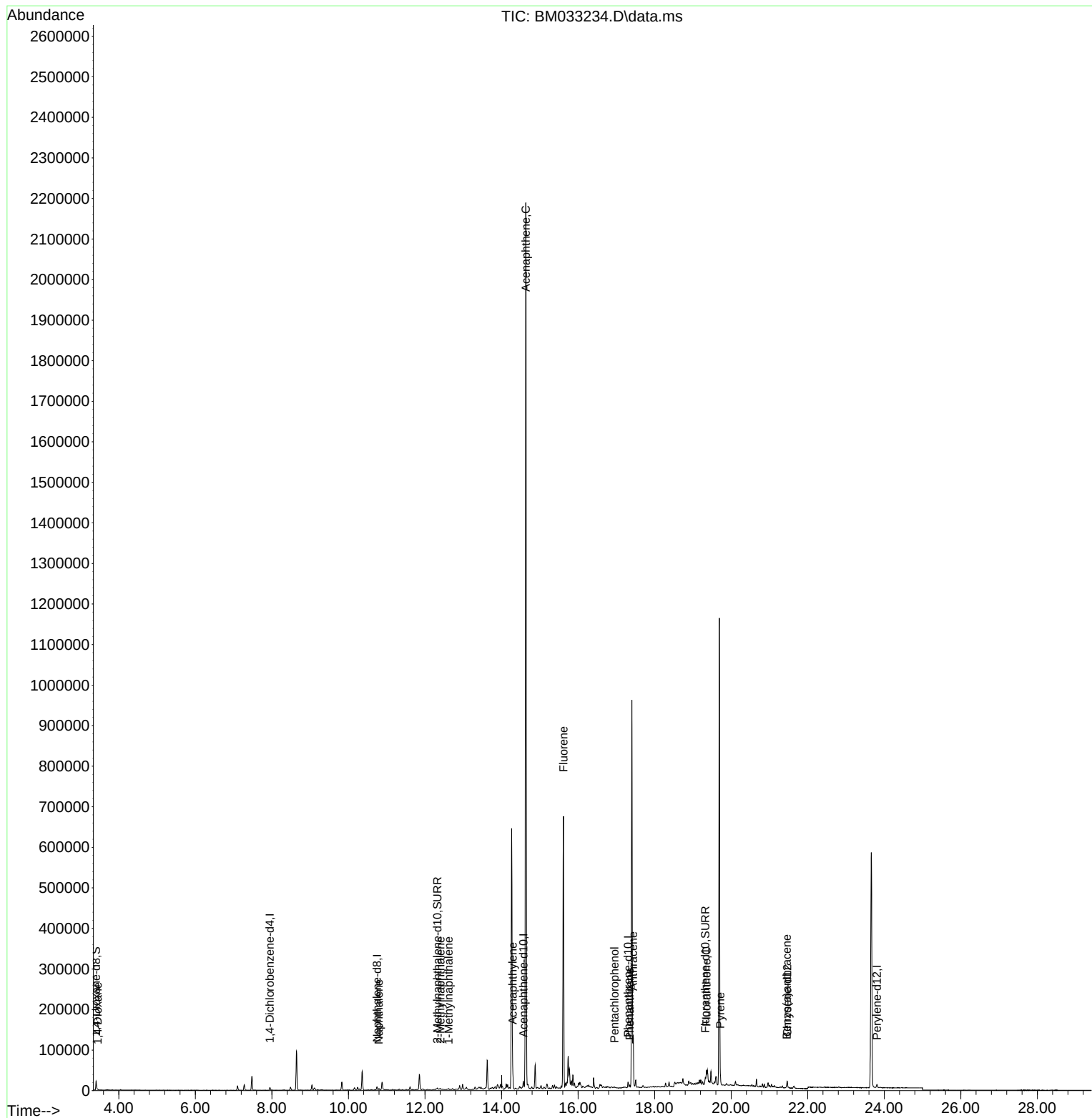
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033234.D
Acq On : 23 Nov 2021 12:59
Operator : CG/JU
Sample : M4725-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

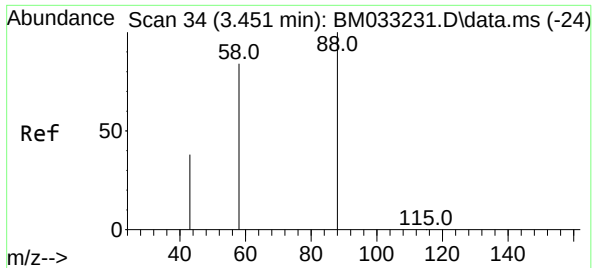
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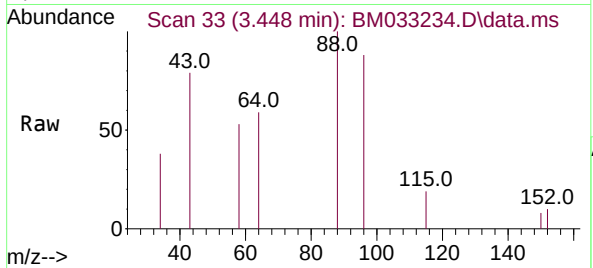
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.180 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

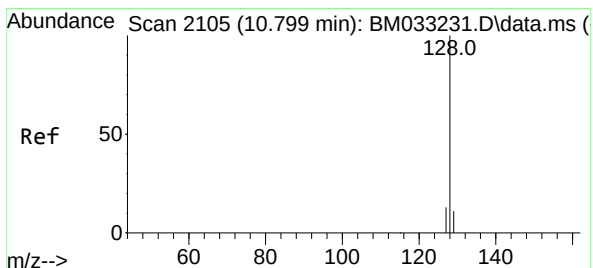
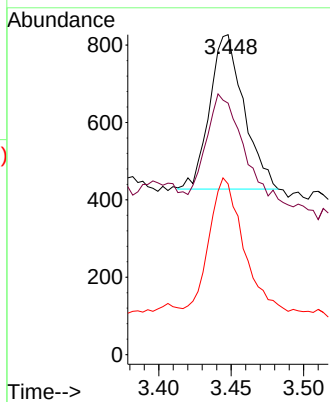
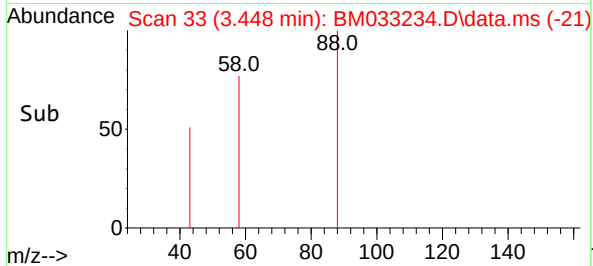
Instrument :
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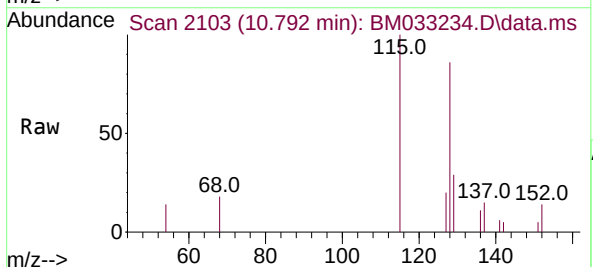
Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 78.6 35.8 53.8#
58 53.3 55.8 83.8#

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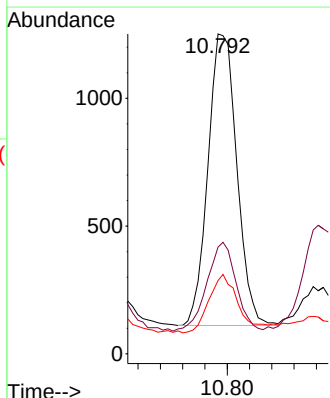
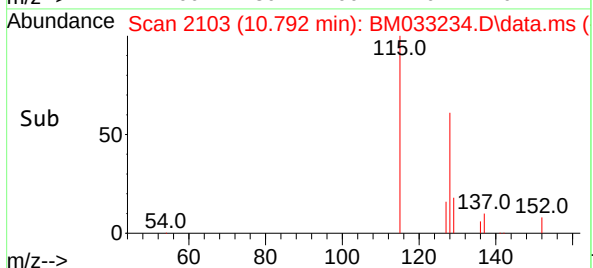
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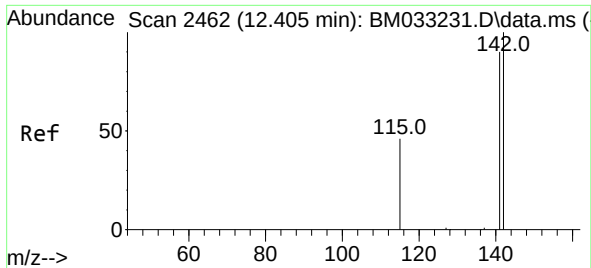


#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.792 min Scan# 2103
Delta R.T. -0.018 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59



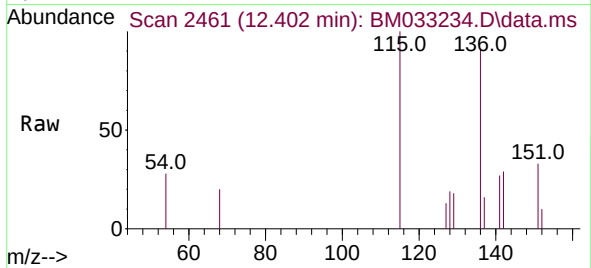
Tgt Ion:128 Resp: 2055
Ion Ratio Lower Upper
128 100
129 33.4 9.8 14.6#
127 22.9 11.8 17.8#





#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.402 min Scan# 2461
Delta R.T. -0.013 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

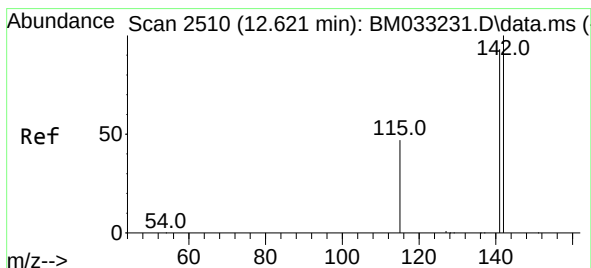
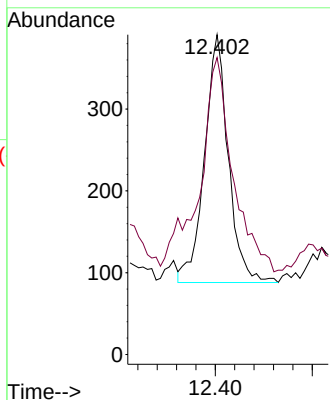
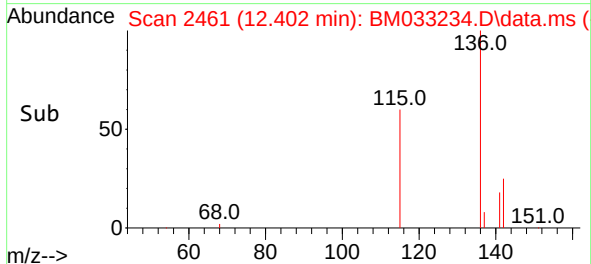
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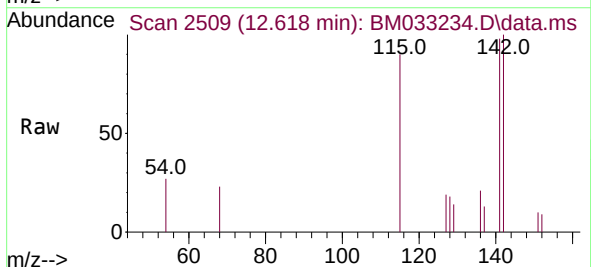
Tgt Ion:142 Resp: 519
Ion Ratio Lower Upper
142 100
141 118.4 73.3 109.9

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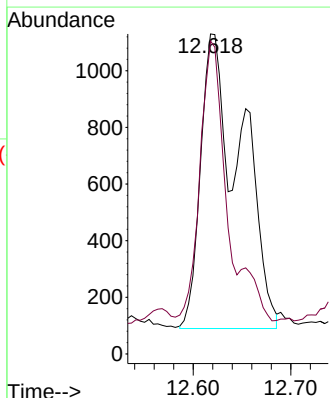
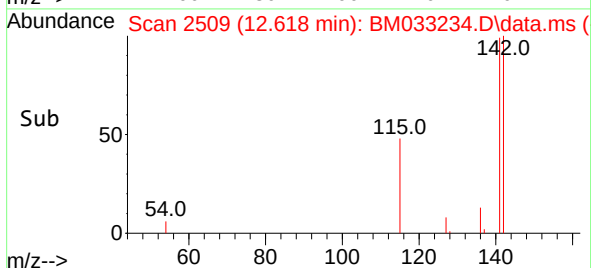
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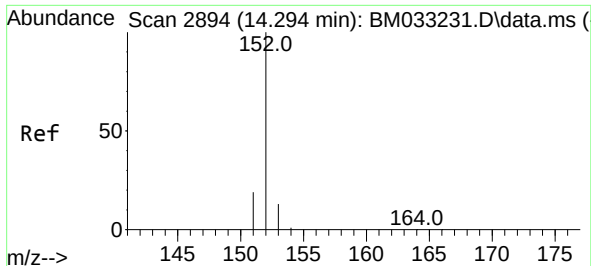


#8
1-Methylnaphthalene
Concen: 0.143 ng/ul m
RT: 12.618 min Scan# 2509
Delta R.T. -0.013 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59



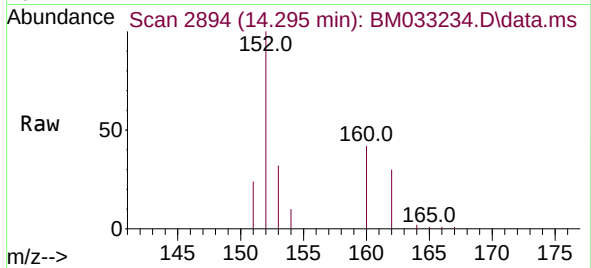
Tgt Ion:142 Resp: 2998
Ion Ratio Lower Upper
142 100
141 64.0 74.5 111.7#





#10
Acenaphthylene
Concen: 0.868 ng/ul
RT: 14.295 min Scan# 2894
Delta R.T. -0.008 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

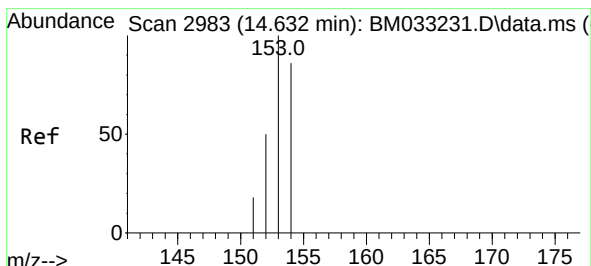
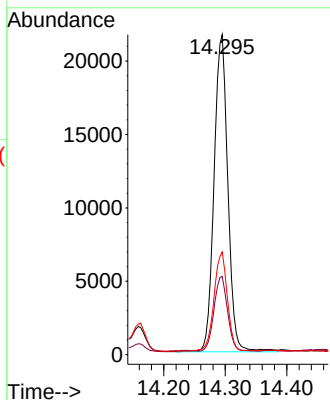
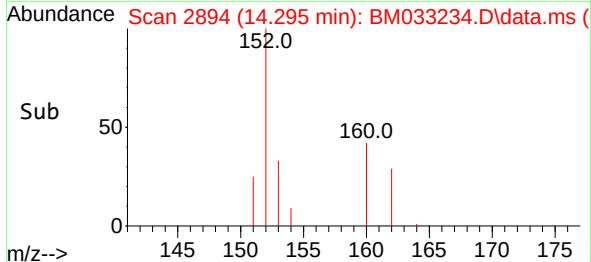
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 3364
Ion Ratio Lower Upper
152 100
151 24.5 16.7 25.1
153 32.1 0.0 0.0

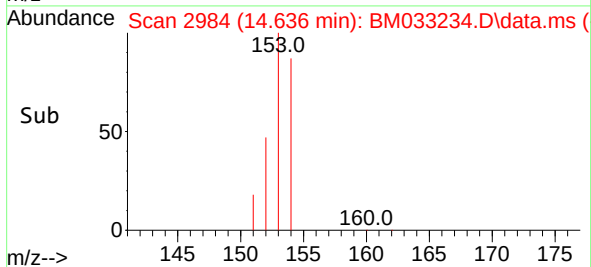
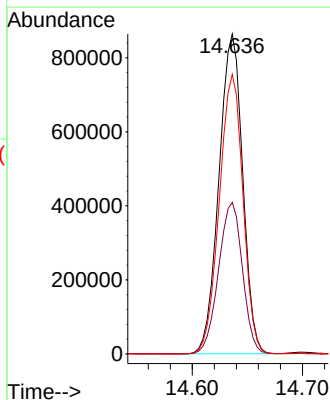
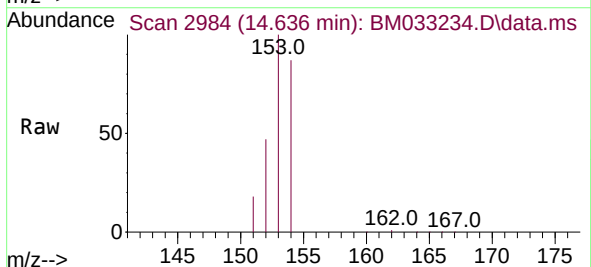
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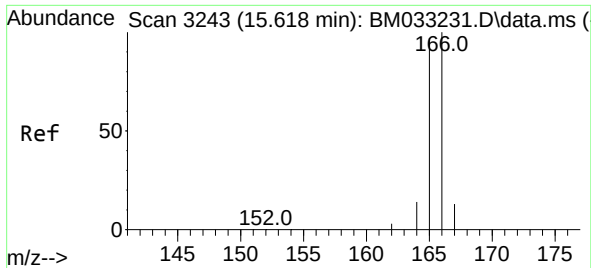
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#11
Acenaphthene
Concen: 40.620 ng/ul
RT: 14.636 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

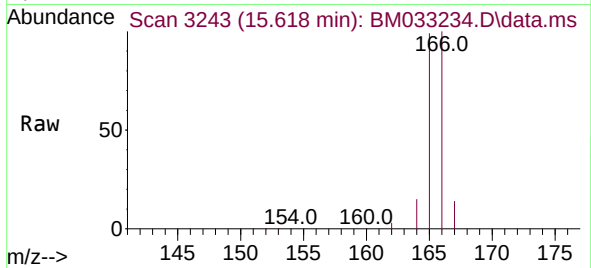
Tgt Ion:153 Resp: 1291554
Ion Ratio Lower Upper
153 100
152 47.4 40.6 60.8
154 87.3 70.8 106.2





#12
Fluorene
Concen: 11.594 ng/ul
RT: 15.618 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

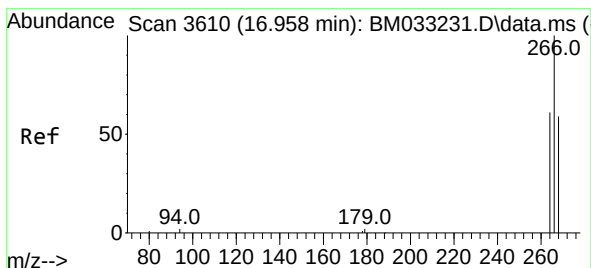
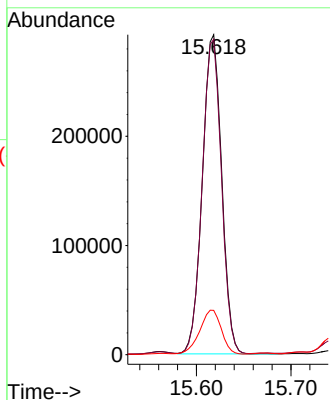
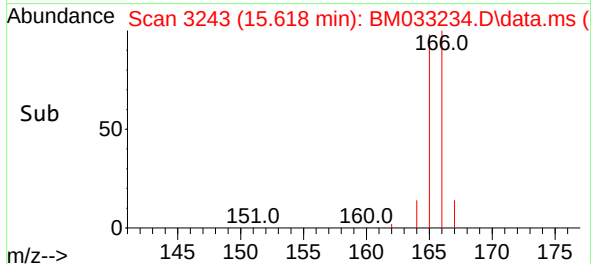
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 415970
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 13.9 11.7 17.5

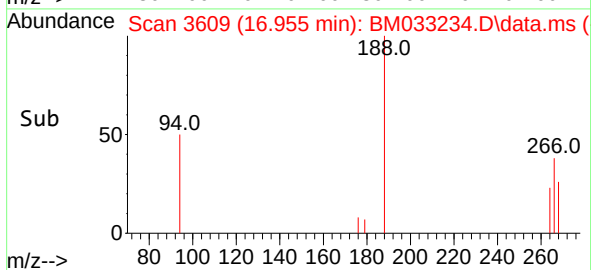
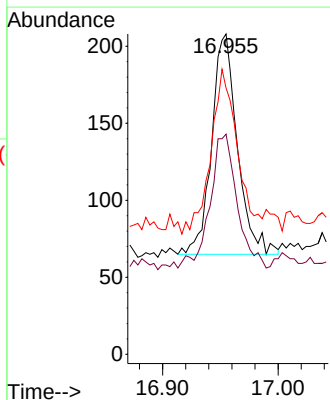
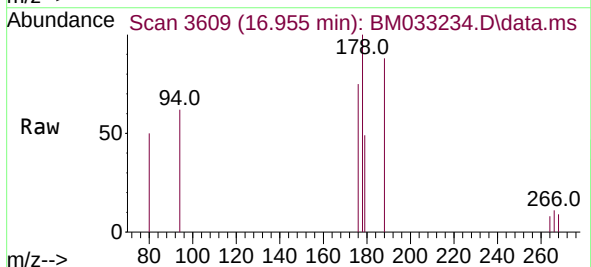
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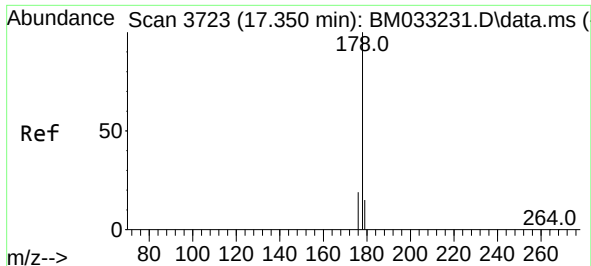
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#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.955 min Scan# 3609
Delta R.T. -0.011 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

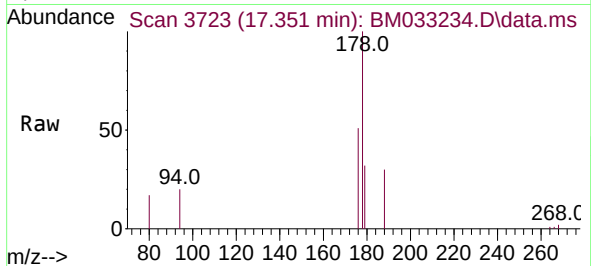
Tgt Ion:266 Resp: 222
Ion Ratio Lower Upper
266 100
264 63.5 51.2 76.8
268 77.5 52.9 79.3





#15
Phenanthrene
Concen: 0.099 ng/ul m
RT: 17.351 min Scan# 3723
Delta R.T. -0.008 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

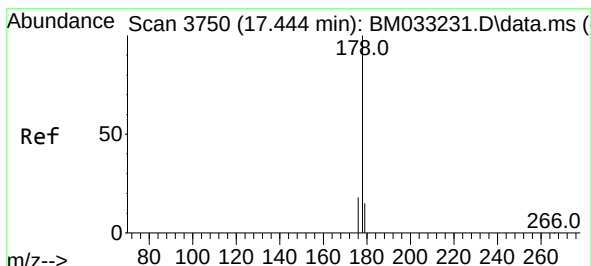
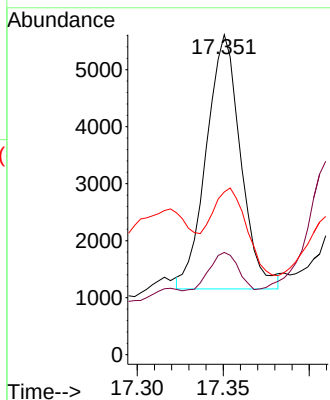
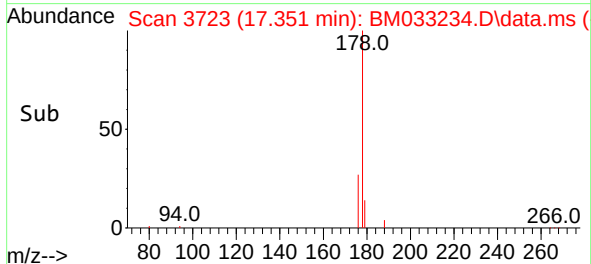
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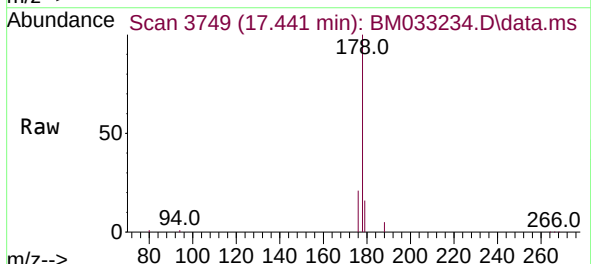
Tgt Ion:178 Resp: 6200
Ion Ratio Lower Upper
178 100
179 32.0 12.9 19.3
176 50.9 16.0 24.0

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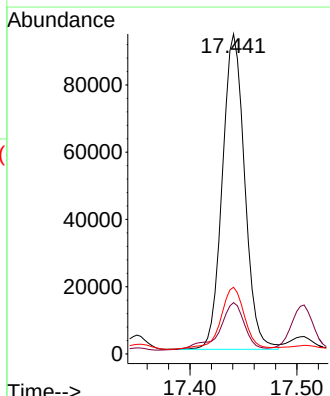
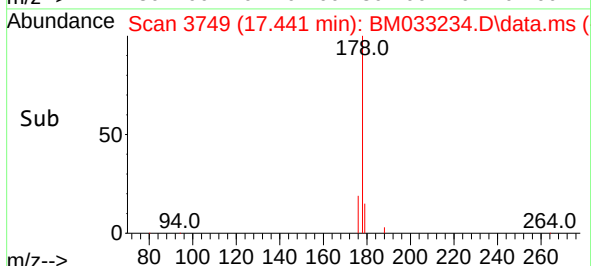
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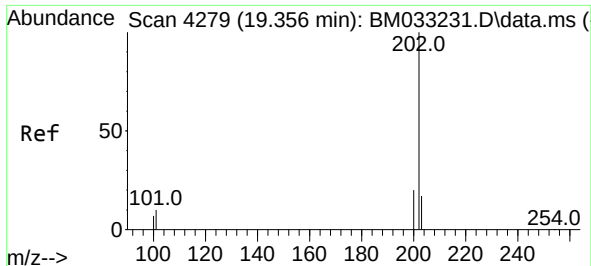


#16
Anthracene
Concen: 2.694 ng/ul
RT: 17.441 min Scan# 3749
Delta R.T. -0.011 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59



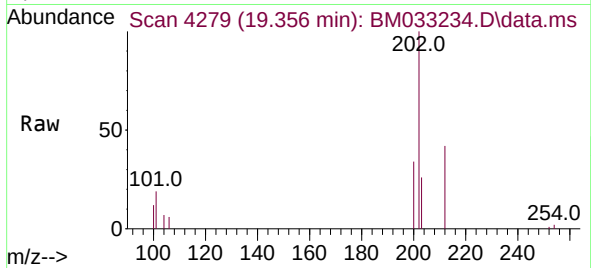
Tgt Ion:178 Resp: 135789
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 20.9 15.6 23.4





#19
Fluoranthene
Concen: 0.253 ng/ul
RT: 19.356 min Scan# 4279
Delta R.T. -0.005 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59

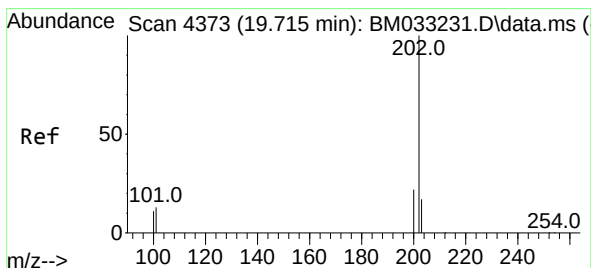
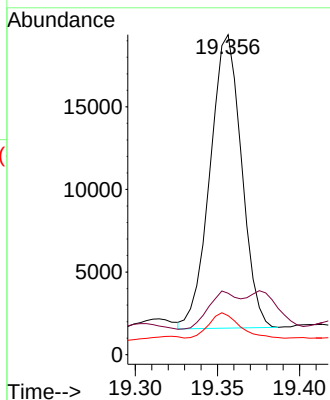
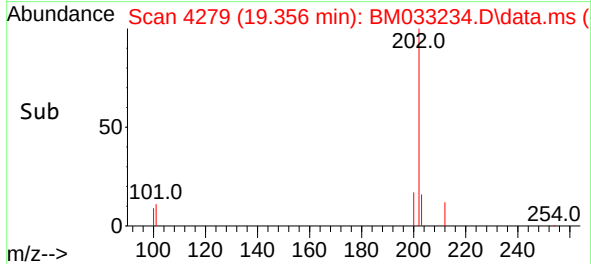
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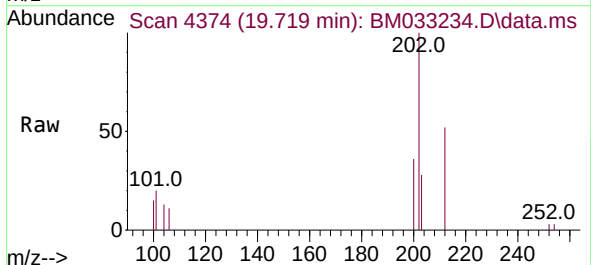
Tgt Ion:202 Resp: 23690
Ion Ratio Lower Upper
202 100
101 19.2 9.9 14.9#
100 12.2 7.3 10.9#

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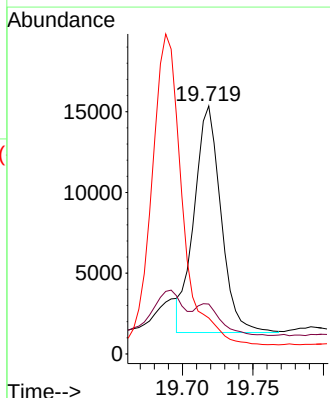
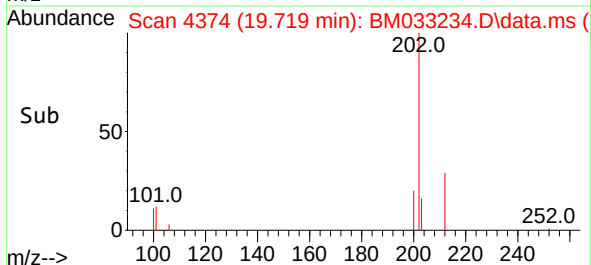
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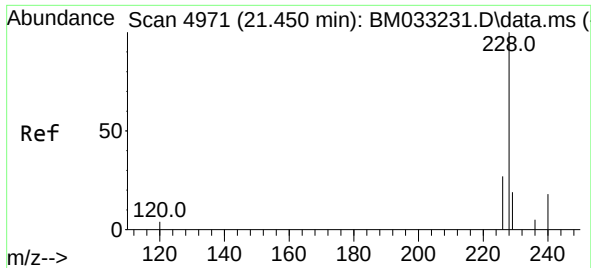


#20
Pyrene
Concen: 0.200 ng/ul m
RT: 19.719 min Scan# 4374
Delta R.T. -0.005 min
Lab File: BM033234.D
Acq: 23 Nov 2021 12:59



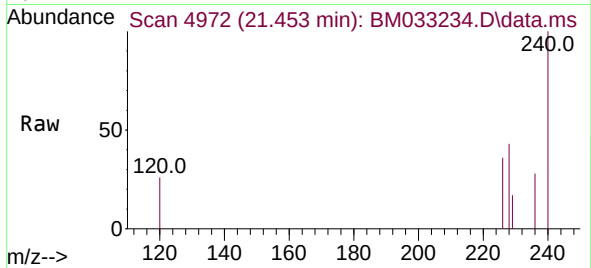
Tgt Ion:202 Resp: 18569
Ion Ratio Lower Upper
202 100
101 20.1 11.8 17.6#
100 14.5 9.5 14.3#





#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.453 min Scan# 4972
Delta R.T. -0.003 min
Lab File: BM033234.D
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Tgt Ion:228 Resp: 311
Ion Ratio Lower Upper
228 100
229 39.9 15.7 23.5
226 84.3 22.4 33.6

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