

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033207.D
 Acq On : 20 Nov 2021 10:23
 Operator : CG/JU
 Sample : M4725-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L06

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 00:50:31 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	3647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	10939	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	9359	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.309	188	18496	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.466	240	20809	0.400	ng/ul	# 0.00
23) Perylene-d12	23.805	264	10278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	16610	4.843	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.334	152	6901	0.455	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	37956	0.629	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	890	0.231	ng/ul#	69
5) Naphthalene	10.805	128	2816	0.083	ng/ul#	67
7) 2-Methylnaphthalene	12.406	142	718	0.033	ng/ul#	67
8) 1-Methylnaphthalene	12.627	142	2427	0.112	ng/ul	84
10) Acenaphthylene	14.299	152	48363	1.105	ng/ul#	93
11) Acenaphthene	14.641	153	1732336	48.265	ng/ul	98
12) Fluorene	15.623	166	570216	14.080	ng/ul	98
14) Pentachlorophenol	16.955	266	263	0.043	ng/ul	92
15) Phenanthrene	17.355	178	8402m	0.125	ng/ul	
16) Anthracene	17.445	178	191288	3.528	ng/ul	98
19) Fluoranthene	19.357	202	34541	0.345	ng/ul#	87
20) Pyrene	19.720	202	24575m	0.247	ng/ul	
21) Benzo(a)anthracene	21.451	228	4136	0.056	ng/ul#	26
24) Benzo(b)fluoranthene	23.096	252	949	0.020	ng/ul#	1
25) Benzo(k)fluoranthene	23.142	252	995	0.022	ng/ul#	1

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

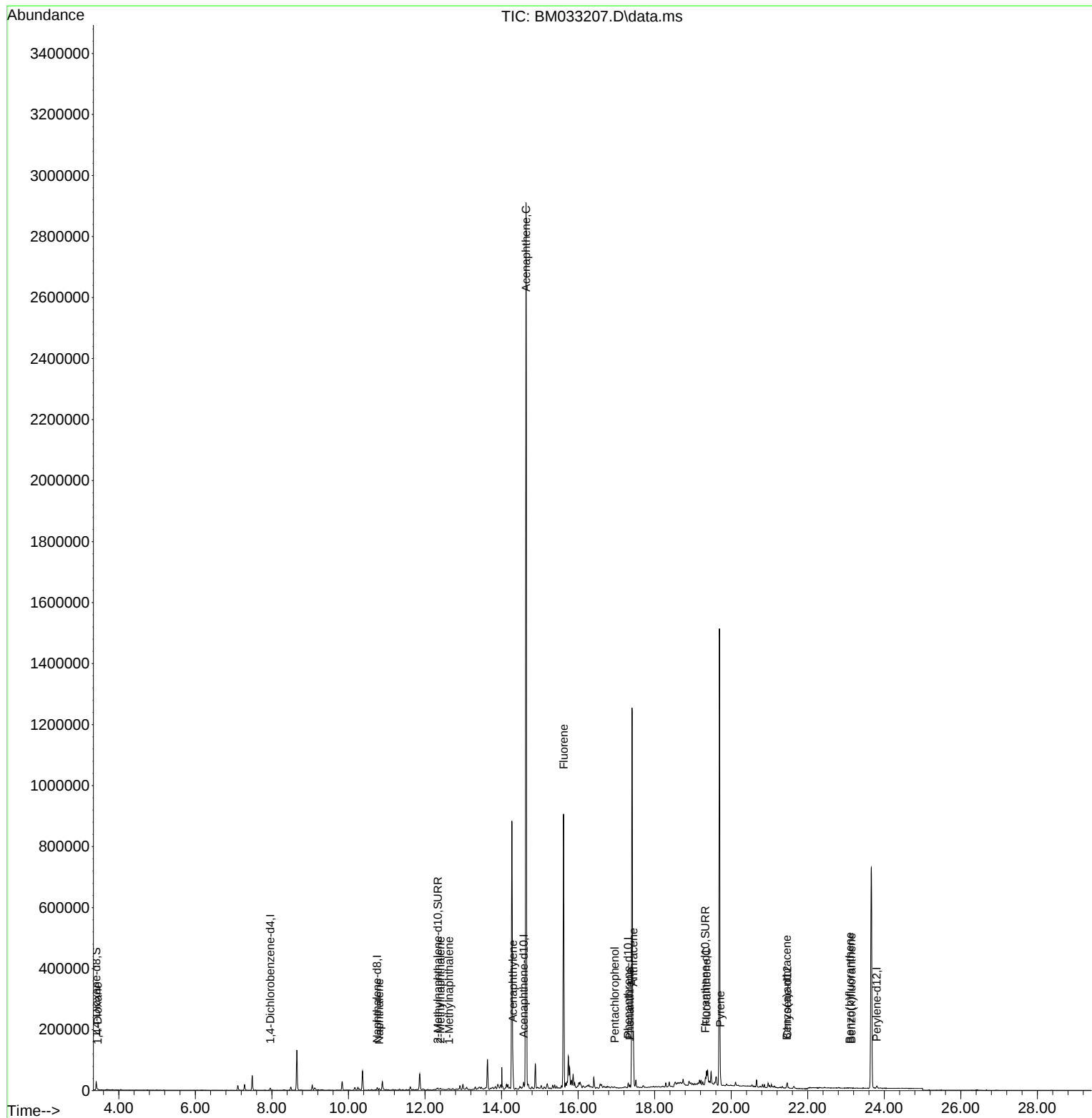
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033207.D
Acq On : 20 Nov 2021 10:23
Operator : CG/JU
Sample : M4725-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

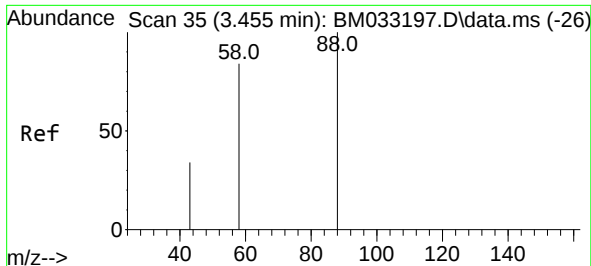
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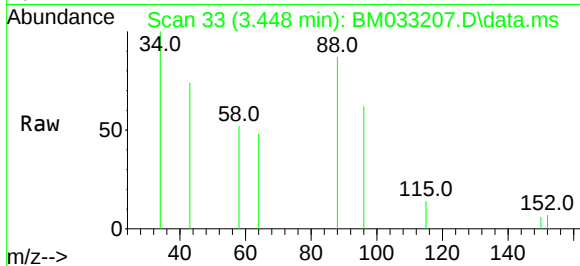
Quant Time: Nov 22 00:50:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.231 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

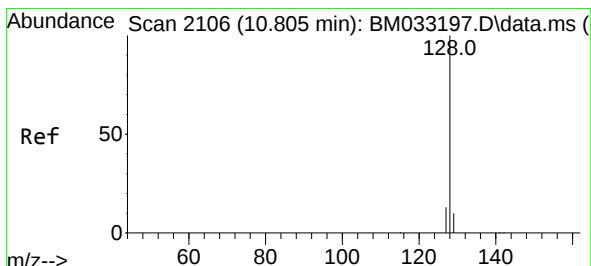
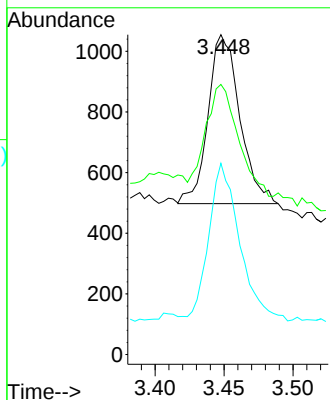
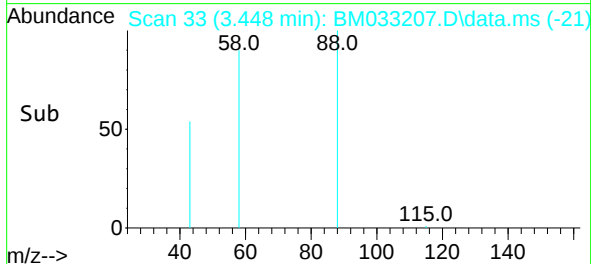
Instrument :
BNA_M
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Tgt Ion: 88 Resp: 890
Ion Ratio Lower Upper
88 100
43 84.5 35.8 53.8#
58 59.8 55.8 83.8#

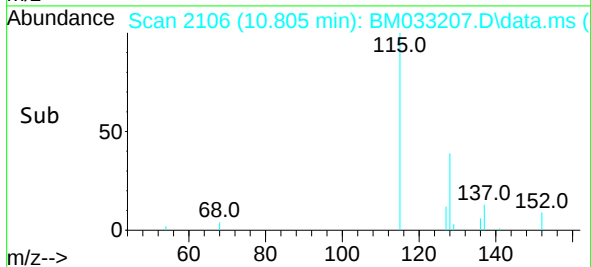
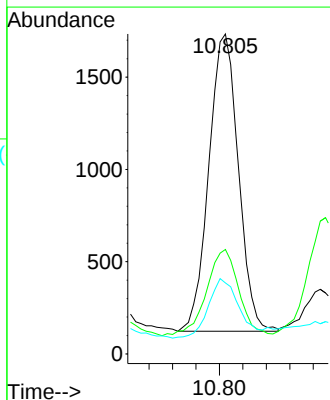
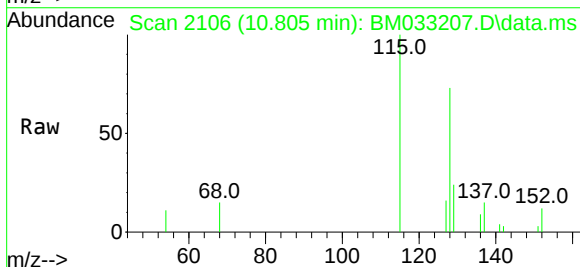
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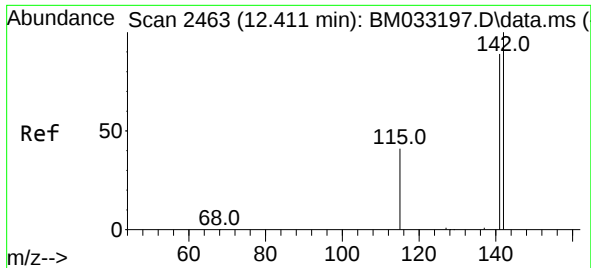
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.805 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

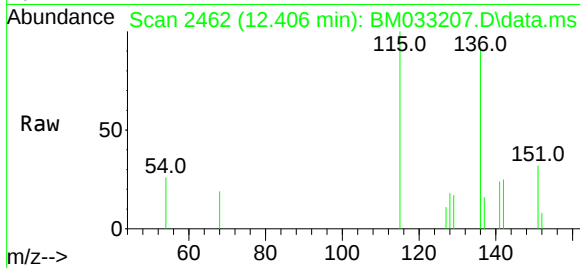
Tgt Ion:128 Resp: 2816
Ion Ratio Lower Upper
128 100
129 32.6 9.8 14.6#
127 22.2 11.8 17.8#





#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.406 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

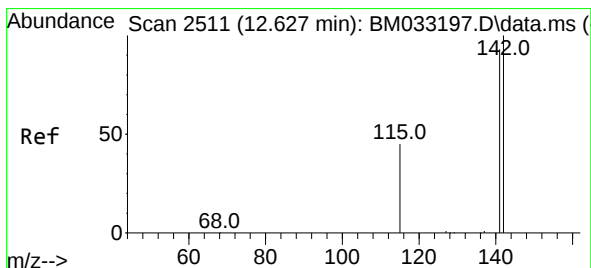
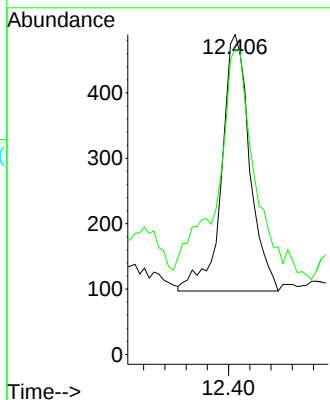
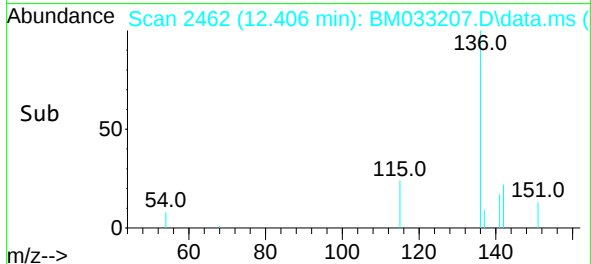
Instrument :
BNA_M
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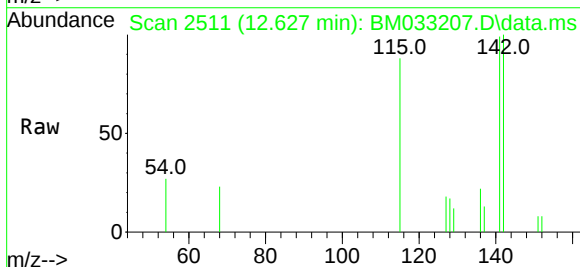
Tgt Ion:142 Resp: 718
Ion Ratio Lower Upper
142 100
141 122.8 73.3 109.9

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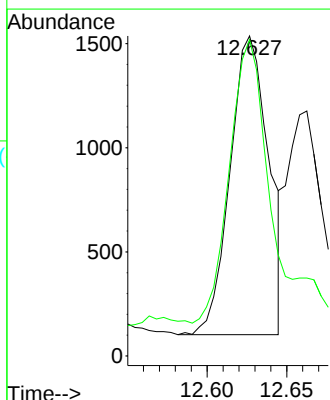
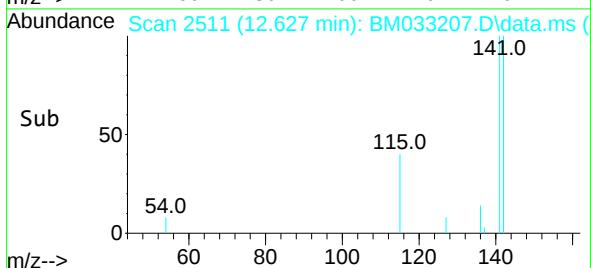
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

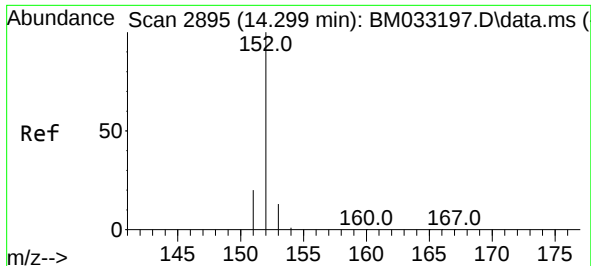


#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.627 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23



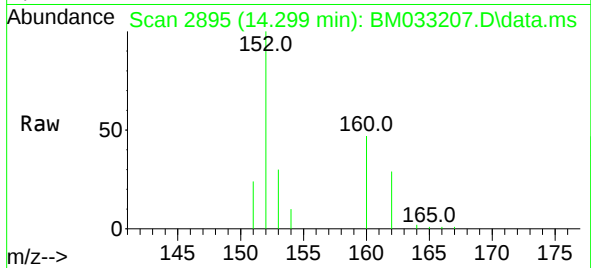
Tgt Ion:142 Resp: 2427
Ion Ratio Lower Upper
142 100
141 108.9 74.5 111.7





#10
Acenaphthylene
Concen: 1.105 ng/ul
RT: 14.299 min Scan# 2895
Delta R.T. -0.004 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

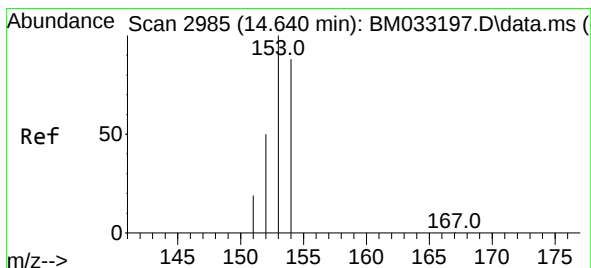
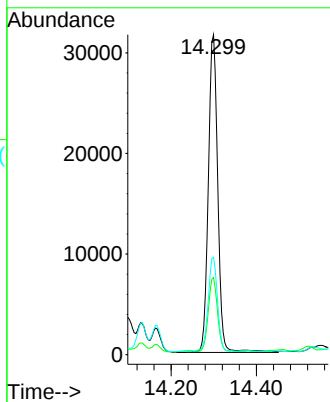
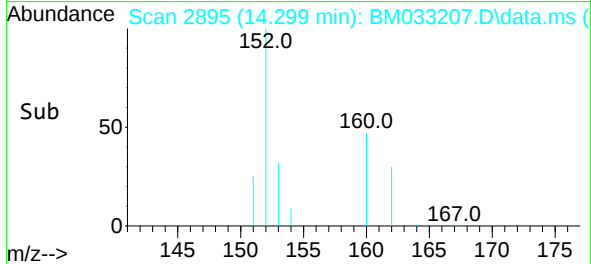
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 4836
Ion Ratio Lower Upper
152 100
151 24.1 16.7 25.1
153 30.5 0.0 0.0

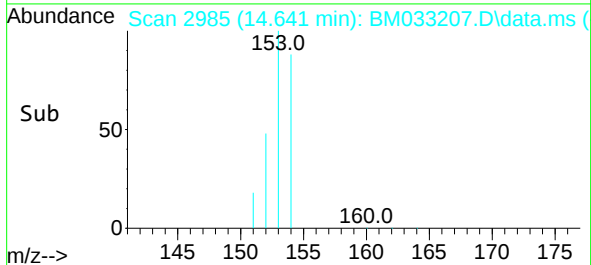
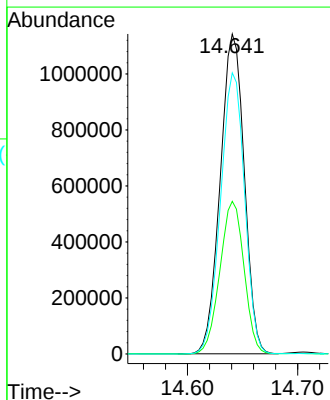
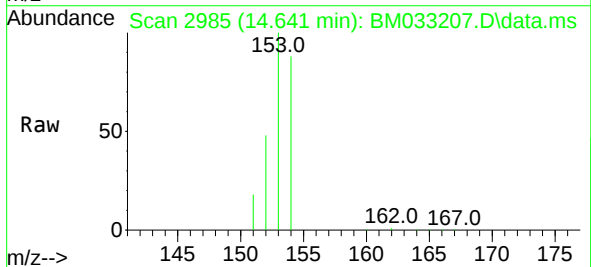
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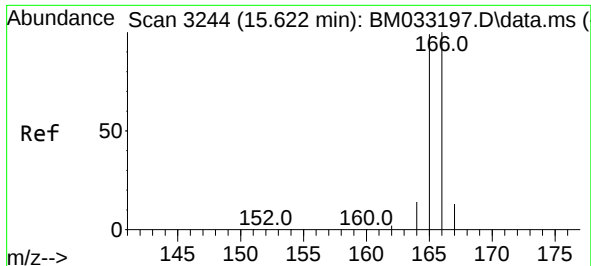
Reviewed By :Jagrut Upadhyay 11/22/2021
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#11
Acenaphthene
Concen: 48.265 ng/ul
RT: 14.641 min Scan# 2985
Delta R.T. -0.004 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

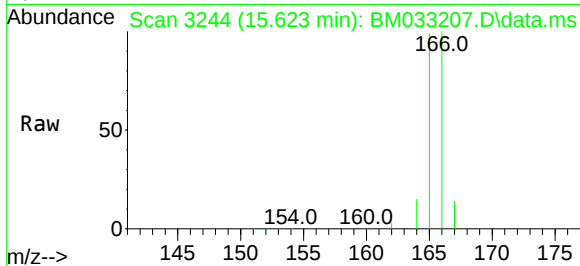
Tgt Ion:153 Resp: 1732336
Ion Ratio Lower Upper
153 100
152 47.7 40.6 60.8
154 87.8 70.8 106.2





#12
Fluorene
Concen: 14.080 ng/ul
RT: 15.623 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

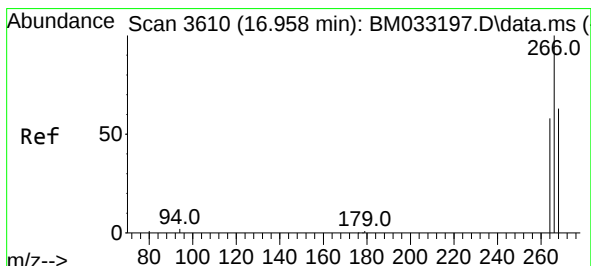
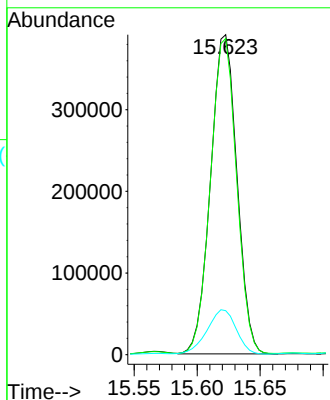
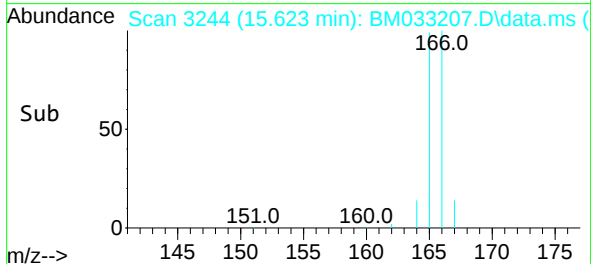
Instrument :
BNA_M
ClientSampleId :
F4L06



Tgt Ion:166 Resp: 570210
Ion Ratio Lower Upper
166 100
165 98.9 80.8 121.2
167 13.8 11.7 17.5

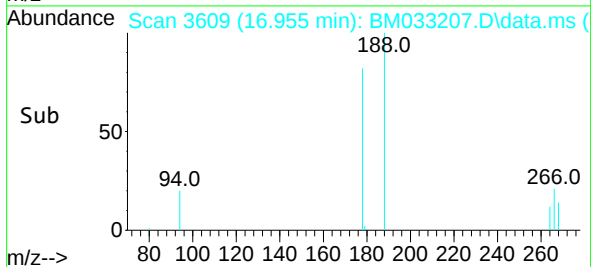
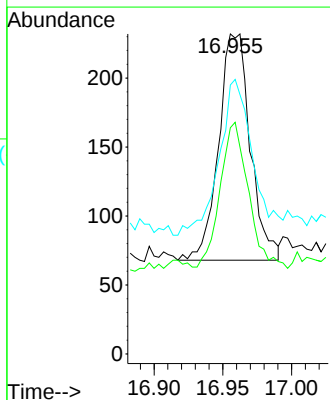
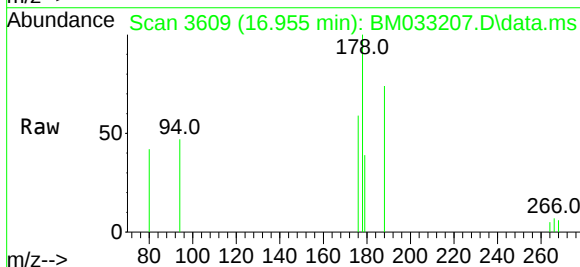
Manual Integrations
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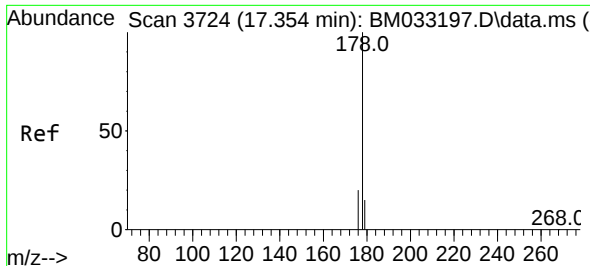
Reviewed By :Jagrut Upadhyay 11/22/2021
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#14
Pentachlorophenol
Concen: 0.043 ng/ul
RT: 16.955 min Scan# 3609
Delta R.T. -0.010 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

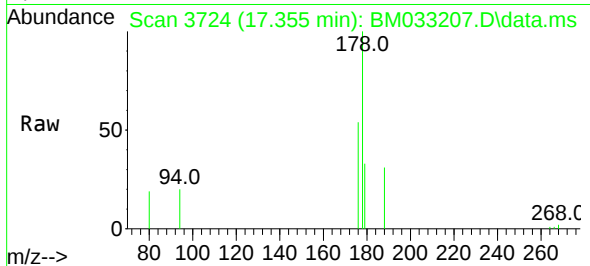
Tgt Ion:266 Resp: 263
Ion Ratio Lower Upper
266 100
264 57.8 51.2 76.8
268 73.0 52.9 79.3





#15
Phenanthrene
Concen: 0.125 ng/ul m
RT: 17.355 min Scan# 3724
Delta R.T. -0.003 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

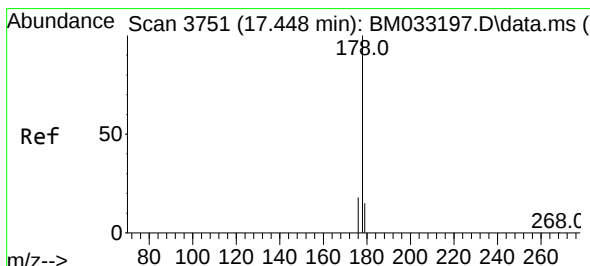
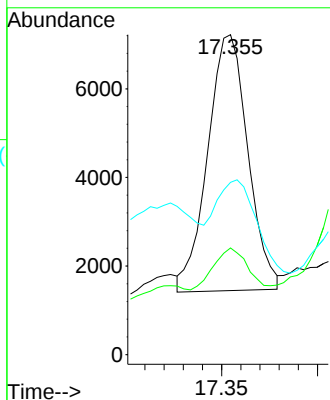
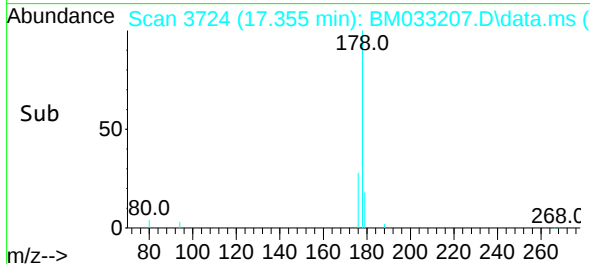
Instrument :
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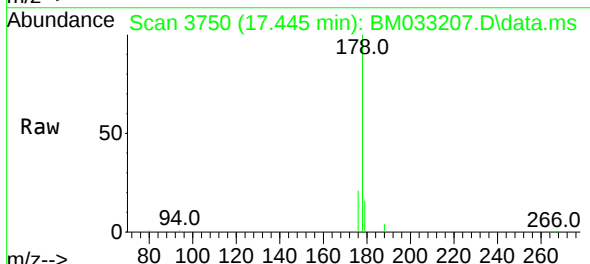
Tgt Ion:178 Resp: 840
Ion Ratio Lower Upper
178 100
179 33.4 12.9 19.3
176 53.9 16.0 24.0

Manual Integrations
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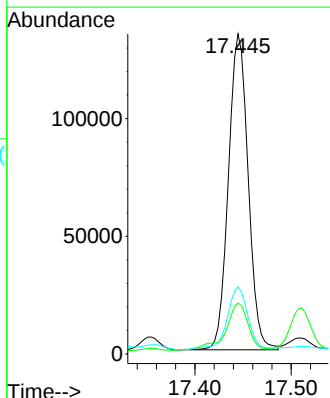
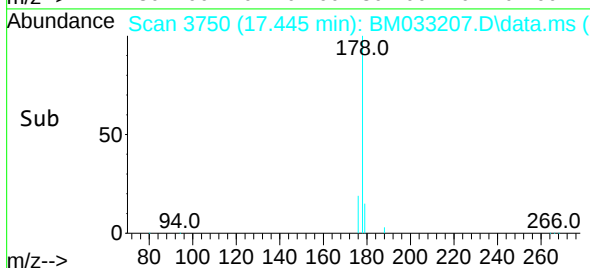
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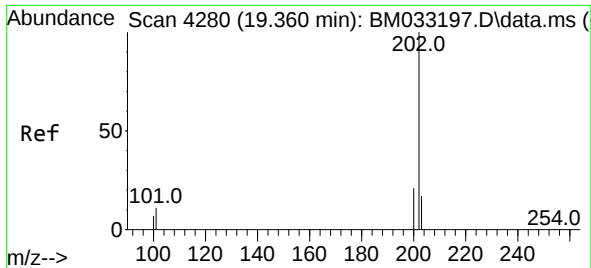


#16
Anthracene
Concen: 3.528 ng/ul
RT: 17.445 min Scan# 3750
Delta R.T. -0.007 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23



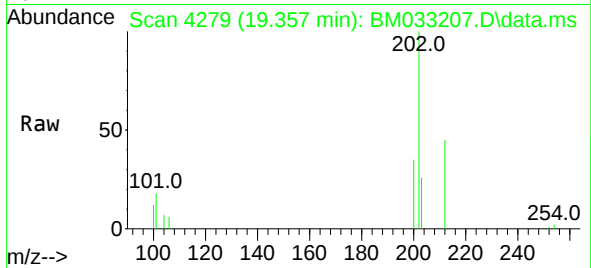
Tgt Ion:178 Resp: 191288
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.9 15.6 23.4





#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.357 min Scan# 4279
Delta R.T. -0.004 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

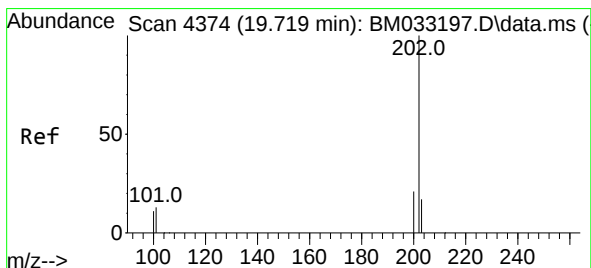
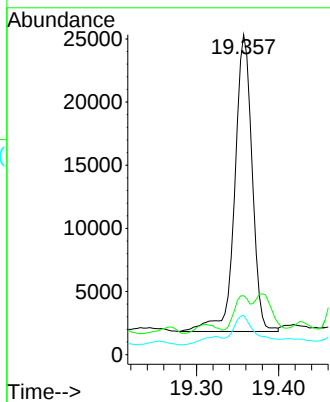
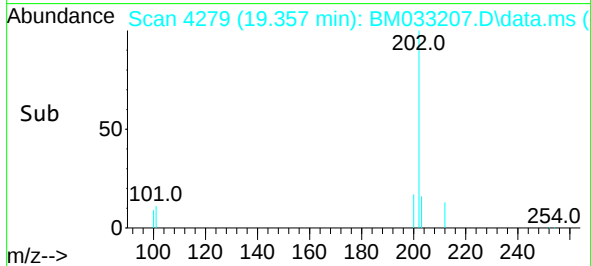
Instrument :
BNA_M
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F4L06



Tgt Ion:202 Resp: 3454
Ion Ratio Lower Upper
202 100
101 18.4 9.9 14.9
100 12.3 7.3 10.9

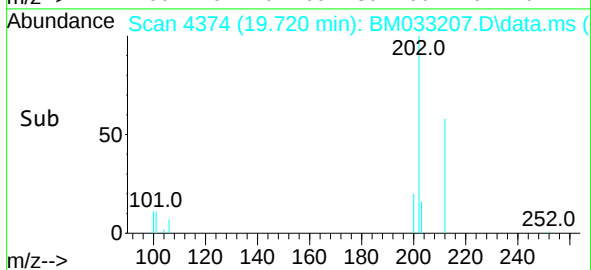
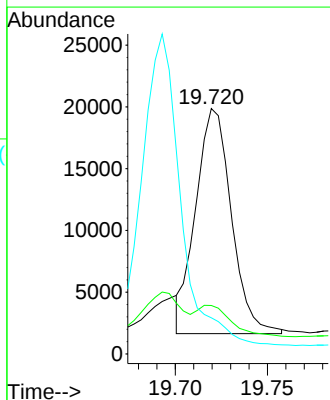
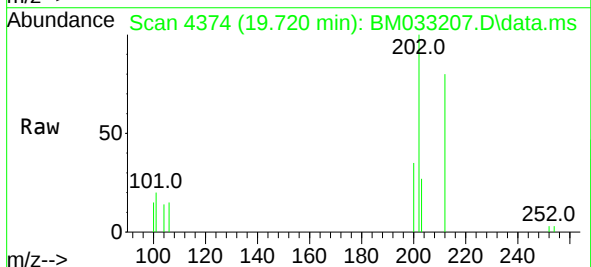
Manual Integrations
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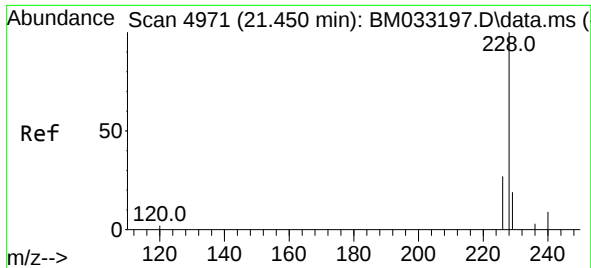
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#20
Pyrene
Concen: 0.247 ng/ul m
RT: 19.720 min Scan# 4374
Delta R.T. -0.004 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

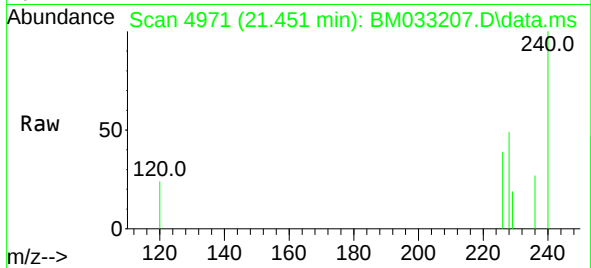
Tgt Ion:202 Resp: 24575
Ion Ratio Lower Upper
202 100
101 19.8 11.8 17.6#
100 14.8 9.5 14.3#





#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.451 min Scan# 4971
Delta R.T. -0.005 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

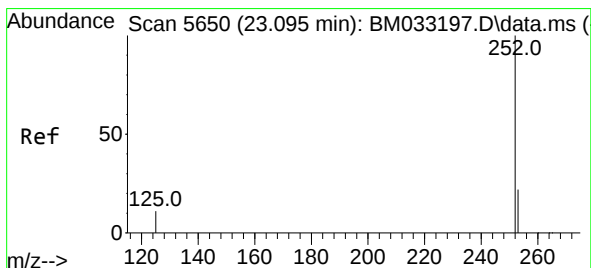
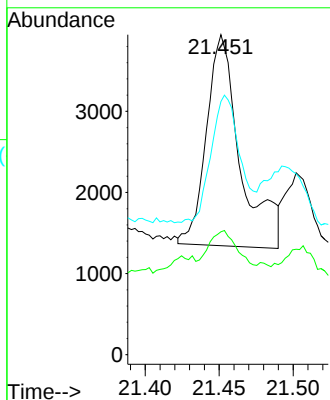
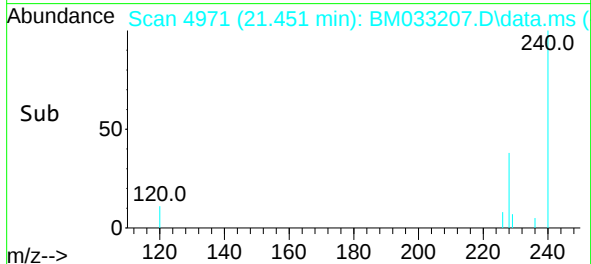
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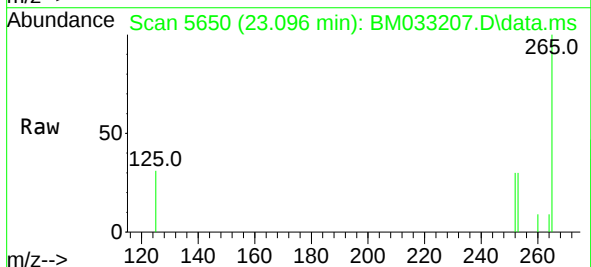
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Ion Ratio Lower Upper
228 100
229 38.4 15.7 23.5#
226 79.1 22.4 33.6#

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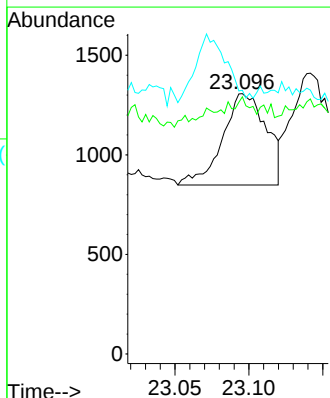
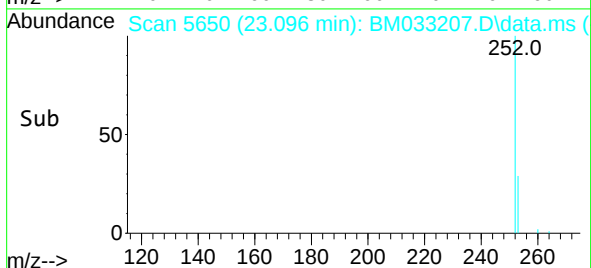
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

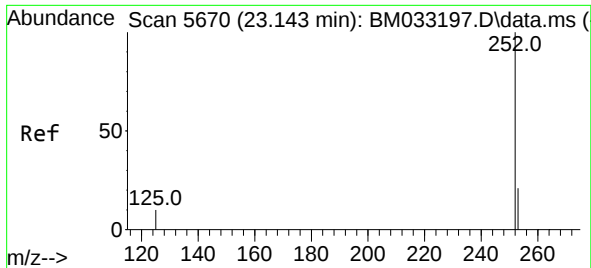


#24
Benzo(b)fluoranthene
Concen: 0.020 ng/ul
RT: 23.096 min Scan# 5650
Delta R.T. -0.005 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23



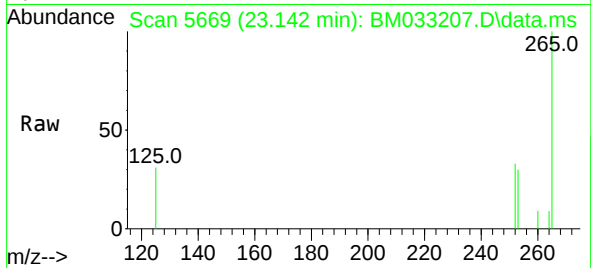
Tgt Ion:252 Resp: 949
Ion Ratio Lower Upper
252 100
253 98.8 0.0 59.2#
125 101.3 0.0 34.2#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 23.142 min Scan# 50
Delta R.T. -0.007 min
Lab File: BM033207.D
Acq: 20 Nov 2021 10:23

Instrument :
BNA_M
ClientSampleId :
F4L06



Tgt Ion:252 Resp: 99
Ion Ratio Lower Upper
252 100
253 90.9 23.1 34.7
125 94.0 14.6 21.8

Manual Integrations
APPROVED

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