

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046156.D
 Acq On : 21 Jun 2024 12:41
 Operator : MA/JU
 Sample : P2754-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP6MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 13:20:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2220	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.211	136	6545	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	3614	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7621	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6228	0.400	ng/ul	#-0.04
23) Perylene-d12	23.104	264	8528	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1419	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	3045	0.346	ng/ul	-0.05
18) Fluoranthene-d10	18.839	212	7785	0.417	ng/ul	-0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.067	88	3996	1.170	ng/ul#	83
5) Naphthalene	10.260	128	14376	0.788	ng/ul	95
7) 2-Methylnaphthalene	11.882	142	6287	0.612	ng/ul	99
8) 1-Methylnaphthalene	12.097	142	6151	0.546	ng/ul	98
10) Acenaphthylene	13.794	152	22223	1.296	ng/ul	97
11) Acenaphthene	14.137	153	13620	1.101	ng/ul	99
12) Fluorene	15.136	166	15167	1.142	ng/ul	98
14) Pentachlorophenol	16.495	266	1457	0.638	ng/ul	97
15) Phenanthrene	16.854	178	244197	11.405	ng/ul	96
16) Anthracene	16.947	178	53161	3.334	ng/ul	96
19) Fluoranthene	18.872	202	604159	22.404	ng/ul	97
20) Pyrene	19.239	202	440528	15.106	ng/ul#	94
21) Benzo(a)anthracene	20.991	228	265203	11.024	ng/ul	100
22) Chrysene	21.043	228	291979	9.511	ng/ul	99
24) Benzo(b)fluoranthene	22.487	252	424021m	13.801	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	164699m	4.509	ng/ul	
26) Benzo(a)pyrene	23.013	252	165338	5.807	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.148	276	172631	3.705	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.152	278	61111	1.762	ng/ul	92
29) Benzo(g,h,i)perylene	25.775	276	25839	0.647	ng/ul	95

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

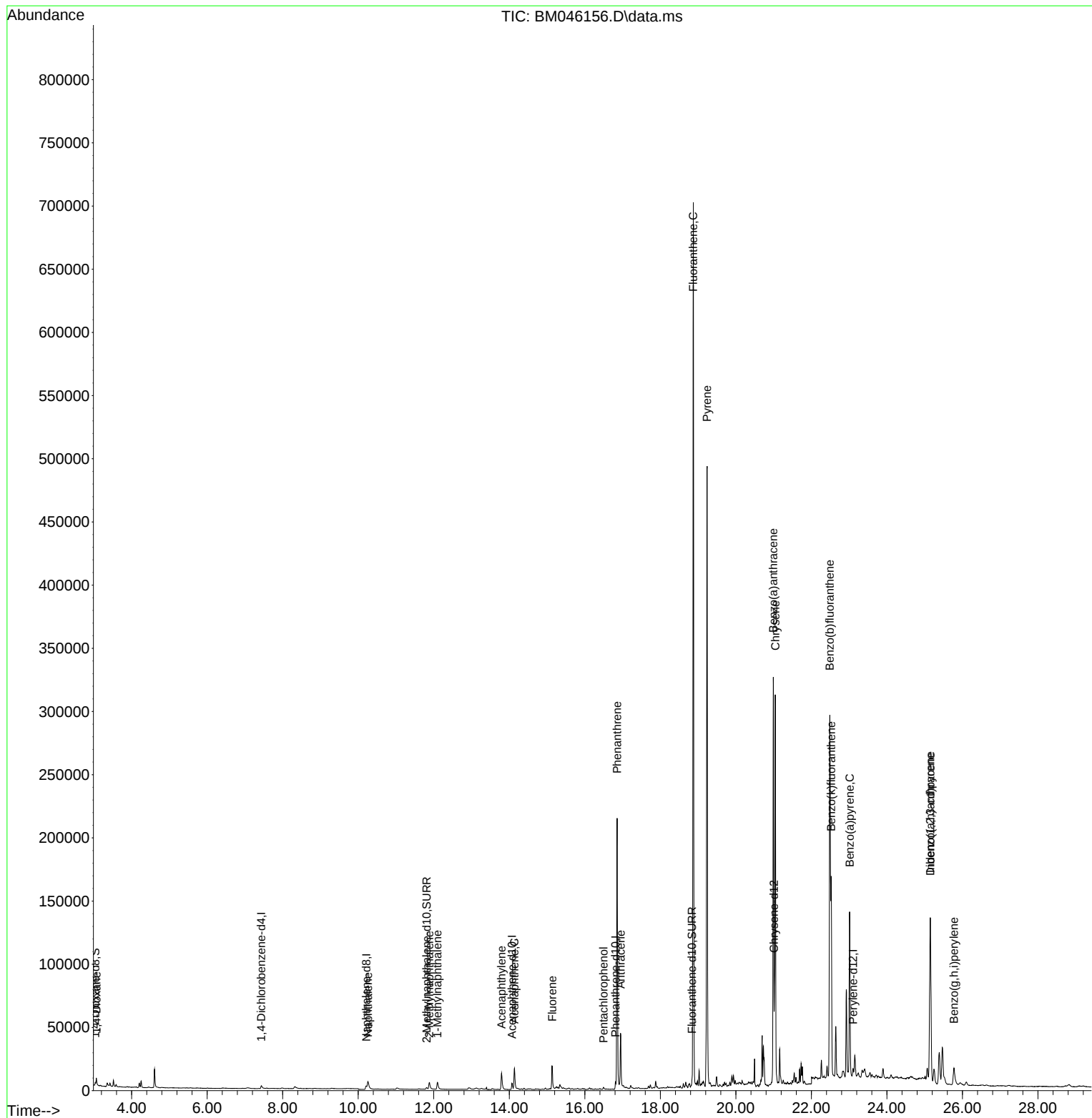
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046156.D
Acq On : 21 Jun 2024 12:41
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

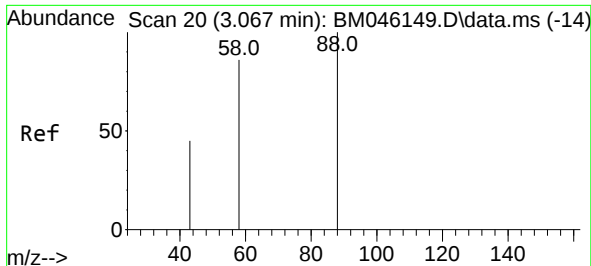
Instrument :
BNA_M
ClientSampleId :
A4BP6MS

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

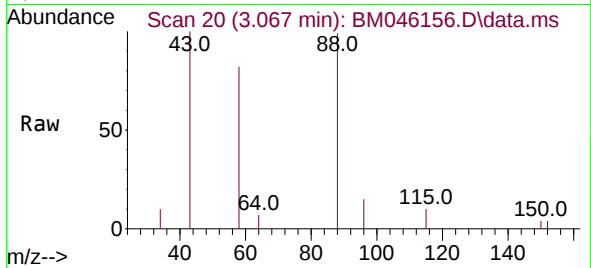
Quant Time: Jun 21 13:20:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.170 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

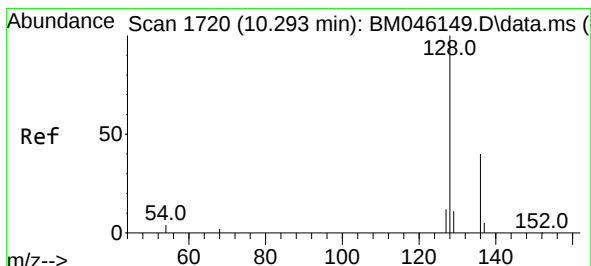
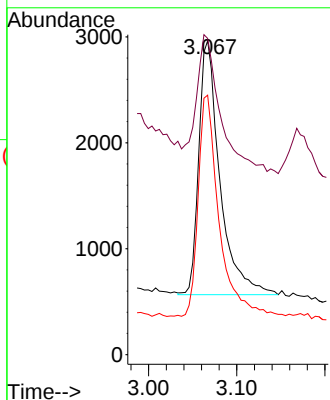
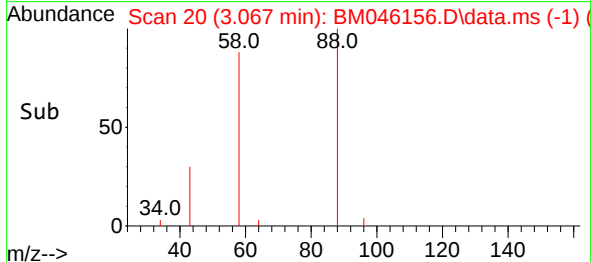
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



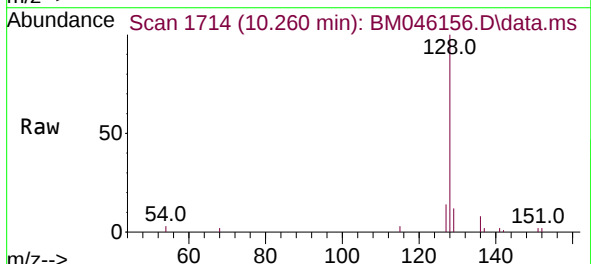
Tgt Ion: 88 Resp: 3990
Ion Ratio Lower Upper
88 100
43 100.7 69.8 104.8
58 82.7 53.2 79.8

Manual Integrations
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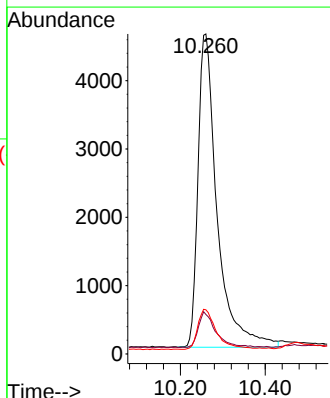
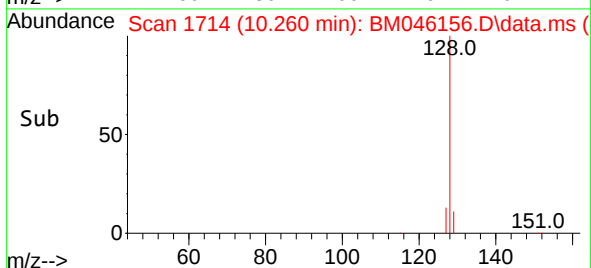
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

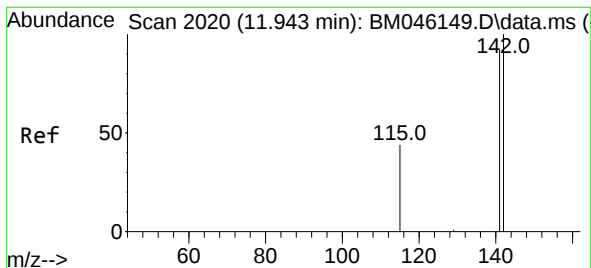


#5
Naphthalene
Concen: 0.788 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.043 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41



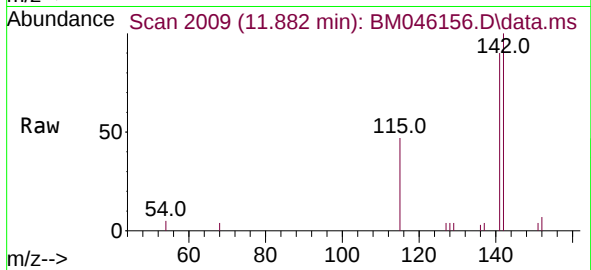
Tgt Ion:128 Resp: 14376
Ion Ratio Lower Upper
128 100
129 12.3 11.8 17.6
127 13.8 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.612 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.065 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

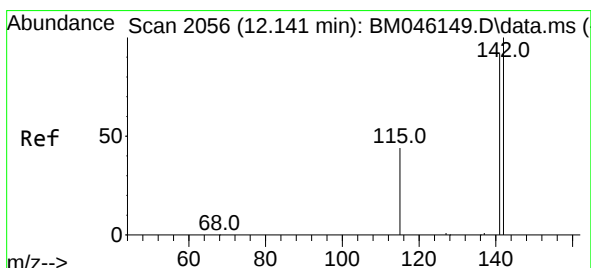
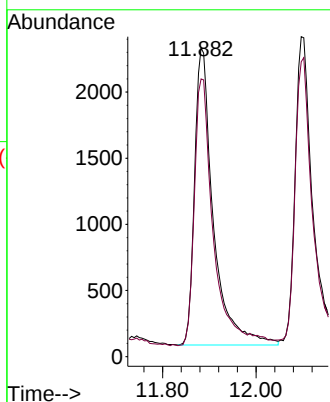
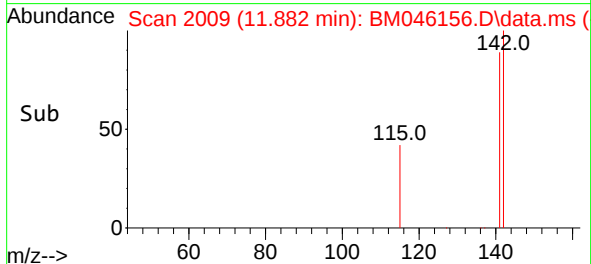
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



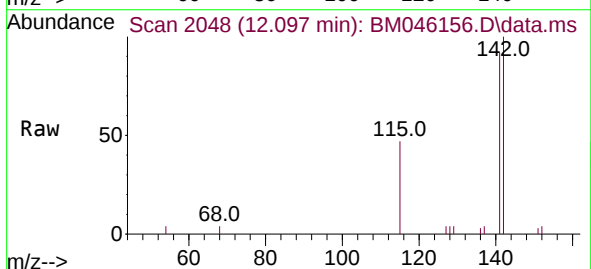
Tgt Ion:142 Resp: 628
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8

Manual Integrations
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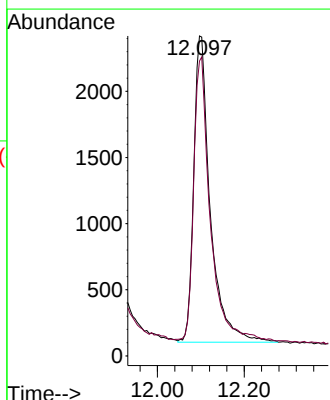
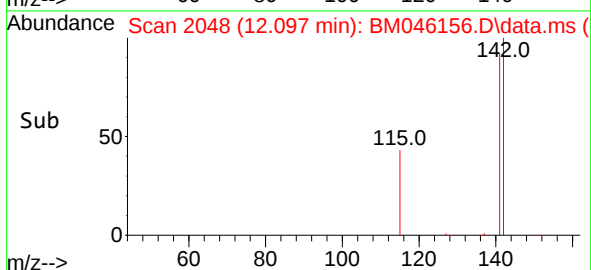
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

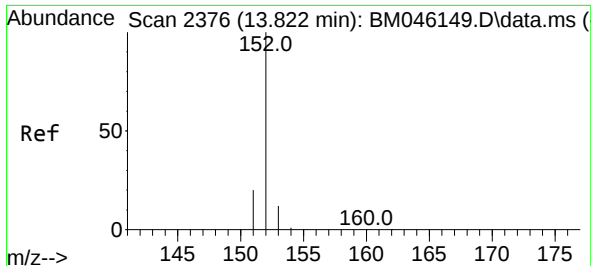


#8
1-Methylnaphthalene
Concen: 0.546 ng/ul
RT: 12.097 min Scan# 2048
Delta R.T. -0.054 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41



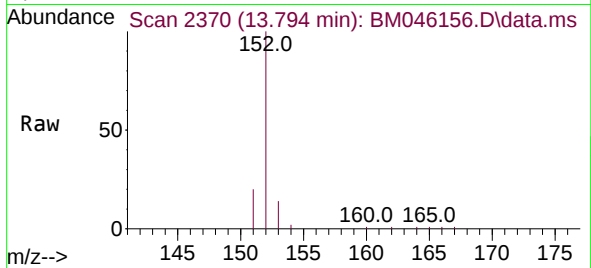
Tgt Ion:142 Resp: 6151
Ion Ratio Lower Upper
142 100
141 92.5 75.2 112.8





#10
Acenaphthylene
Concen: 1.296 ng/ul
RT: 13.794 min Scan# 21
Delta R.T. -0.040 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

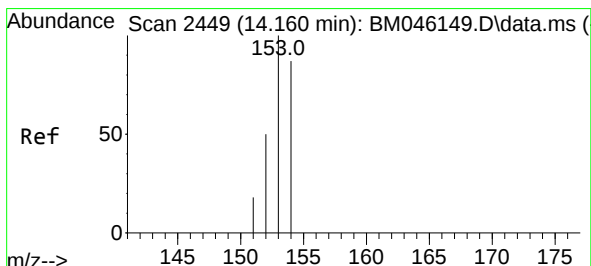
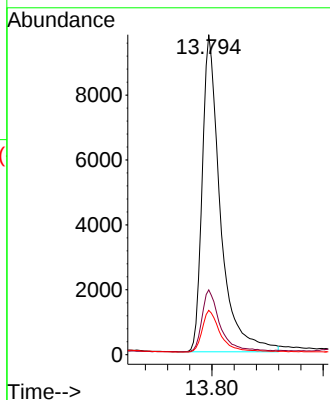
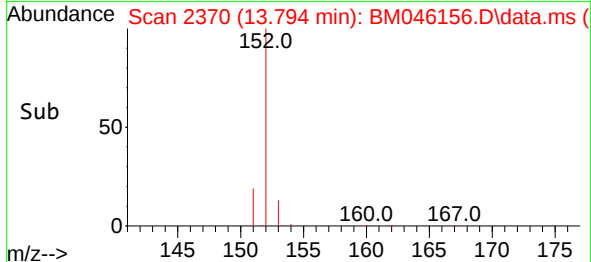
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



Tgt Ion:152 Resp: 2222
Ion Ratio Lower Upper
152 100
151 20.2 17.4 26.2
153 13.9 11.8 17.8

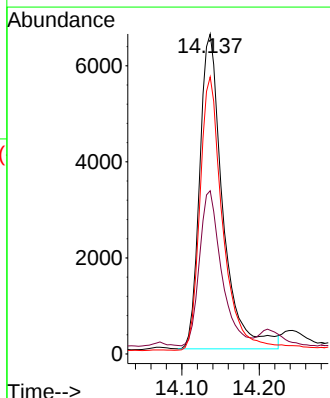
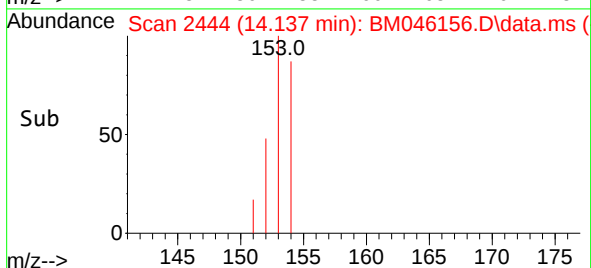
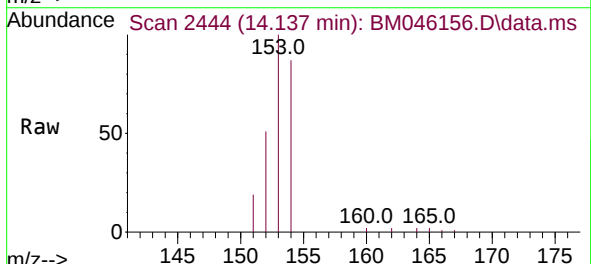
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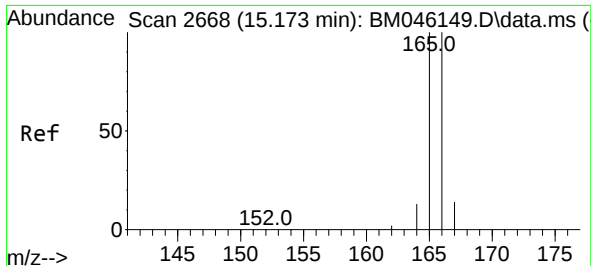
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 1.101 ng/ul
RT: 14.137 min Scan# 2444
Delta R.T. -0.036 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

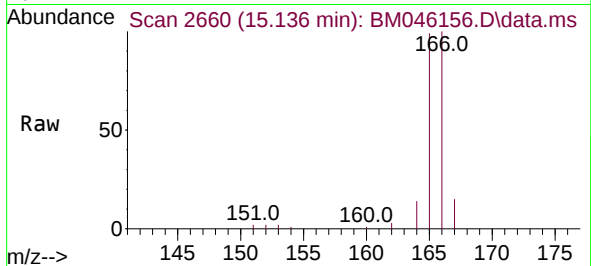
Tgt Ion:153 Resp: 13620
Ion Ratio Lower Upper
153 100
152 51.0 41.3 61.9
154 86.6 68.2 102.4





#12
Fluorene
Concen: 1.142 ng/ul
RT: 15.136 min Scan# 2066
Delta R.T. -0.045 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

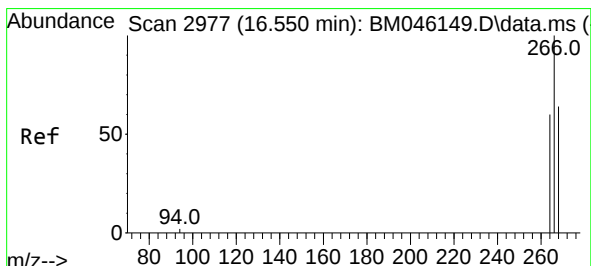
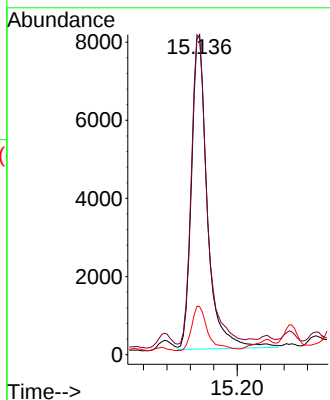
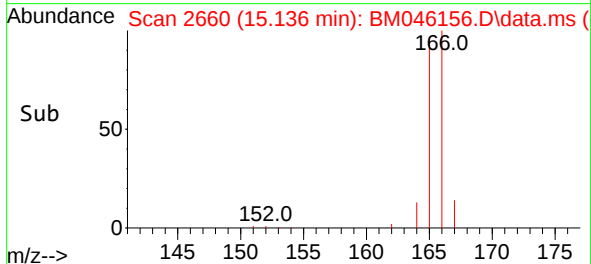
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



Tgt Ion:166 Resp: 1516
Ion Ratio Lower Upper
166 100
165 98.9 80.4 120.6
167 15.0 12.4 18.6

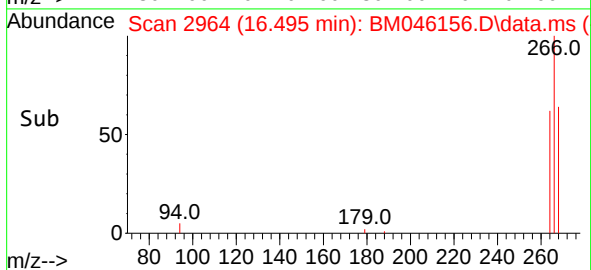
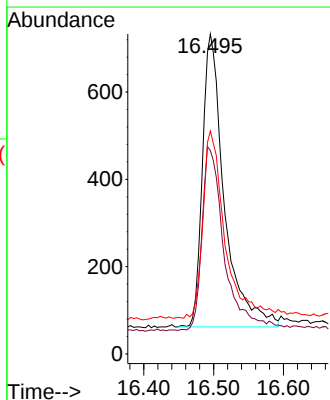
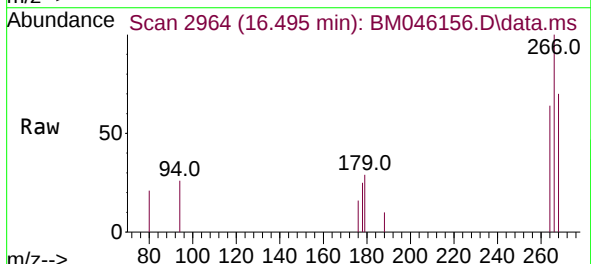
Manual Integrations
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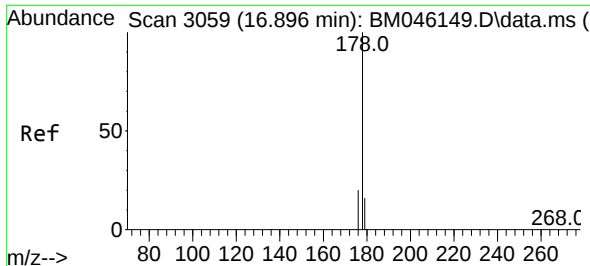
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#14
Pentachlorophenol
Concen: 0.638 ng/ul
RT: 16.495 min Scan# 2964
Delta R.T. -0.071 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

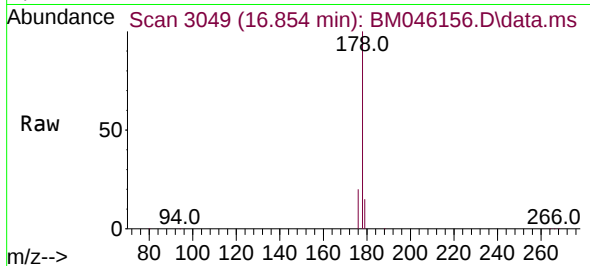
Tgt Ion:266 Resp: 1457
Ion Ratio Lower Upper
266 100
264 66.4 50.9 76.3
268 67.6 52.3 78.5





#15
Phenanthrene
Concen: 11.405 ng/ul
RT: 16.854 min Scan# 3071
Delta R.T. -0.049 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

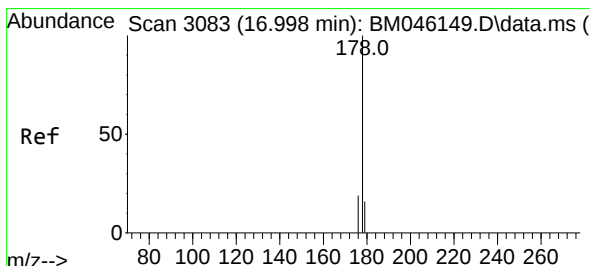
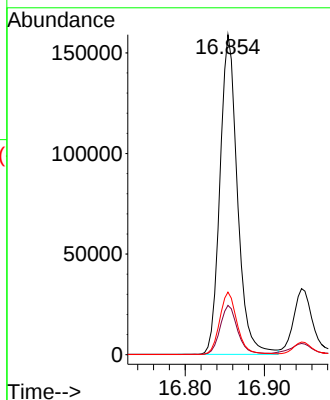
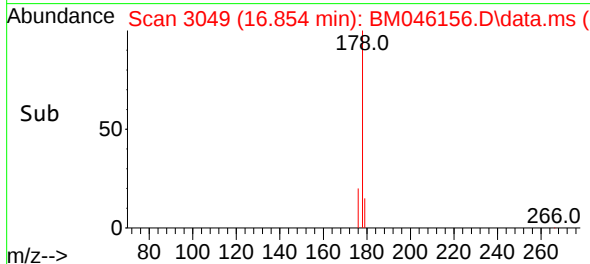
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



Tgt Ion:178 Resp: 24419
Ion Ratio Lower Upper
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179 15.4 14.2 21.2
176 19.6 17.1 25.7

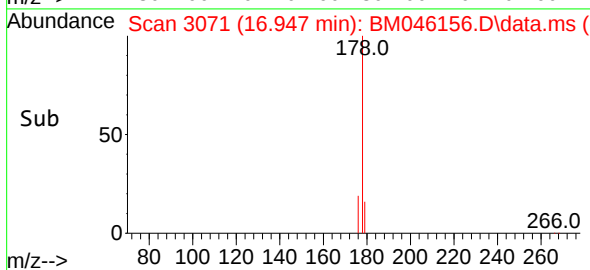
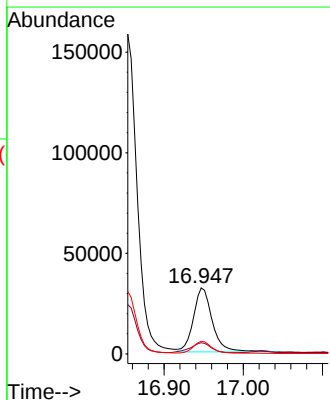
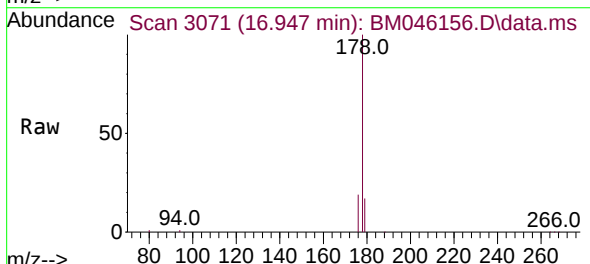
Manual Integrations
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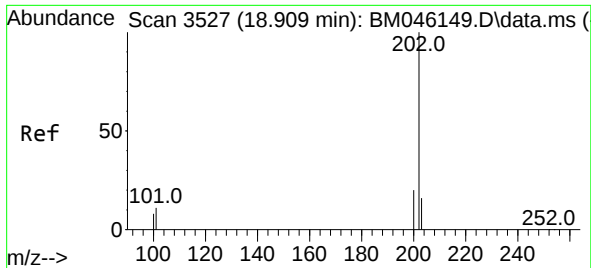
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 3.334 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.058 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

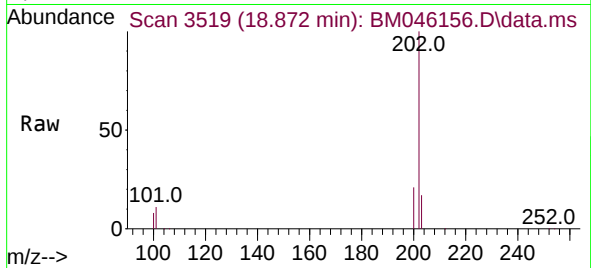
Tgt Ion:178 Resp: 53161
Ion Ratio Lower Upper
178 100
179 16.9 14.9 22.3
176 19.1 17.0 25.4





#19
Fluoranthene
Concen: 22.404 ng/u1
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

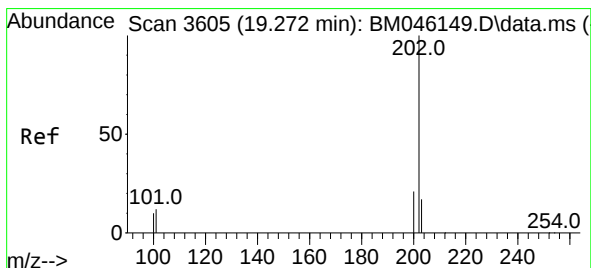
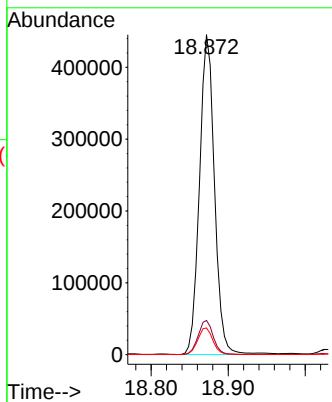
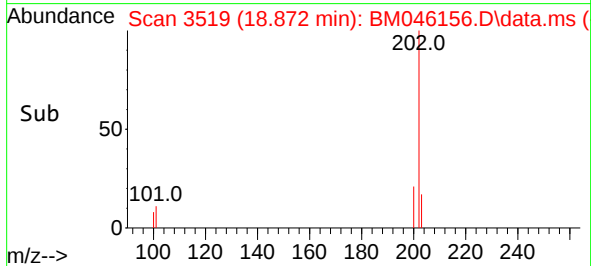
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



Tgt Ion:202 Resp: 604159
Ion Ratio Lower Upper
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101 10.7 9.6 14.4
100 8.3 7.6 11.4

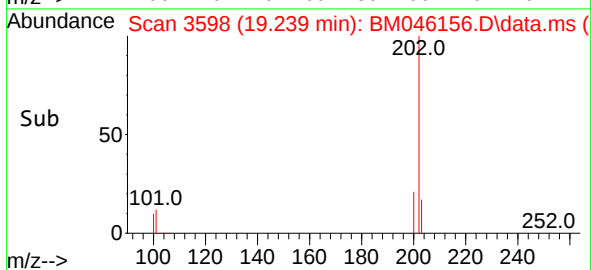
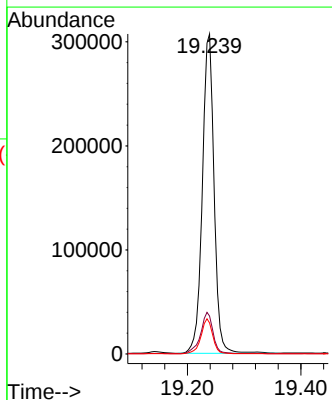
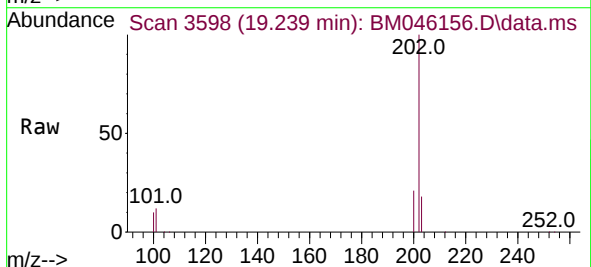
Manual Integrations
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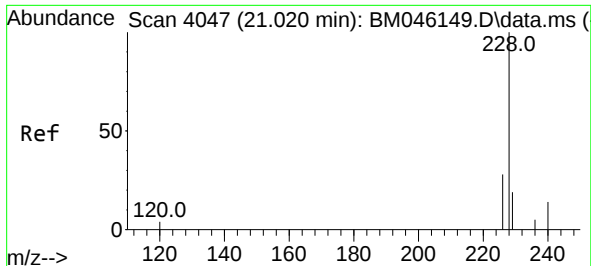
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 15.106 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

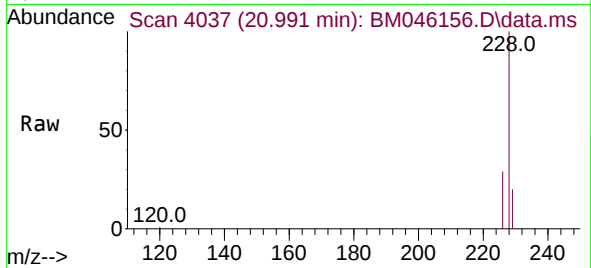
Tgt Ion:202 Resp: 440528
Ion Ratio Lower Upper
202 100
101 11.9 11.3 16.9
100 9.7 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 11.024 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

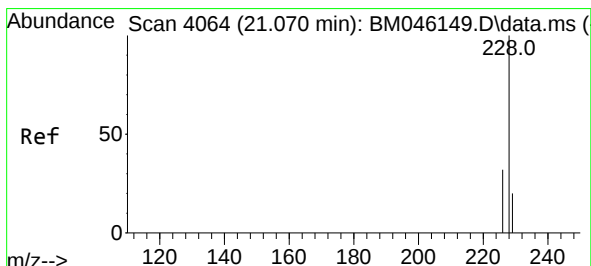
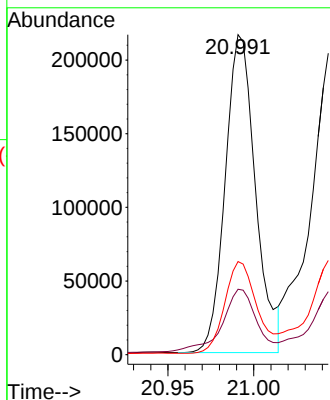
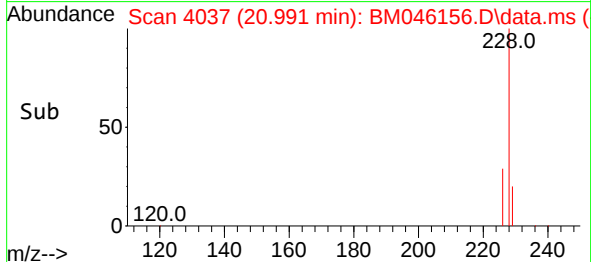
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



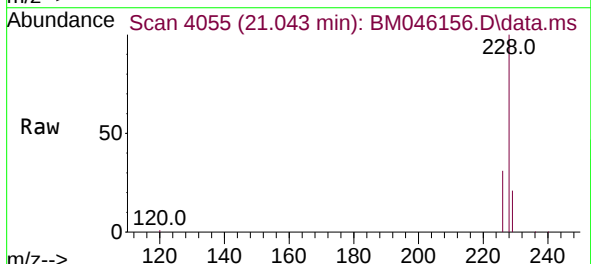
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Ion Ratio Lower Upper
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229 20.4 16.4 24.6
226 29.1 23.4 35.2

Manual Integrations
APPROVED

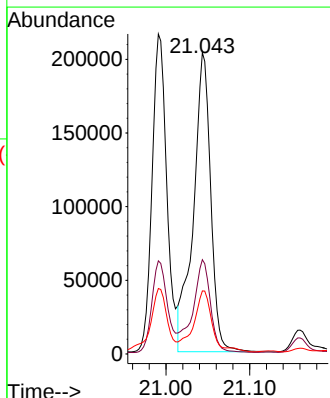
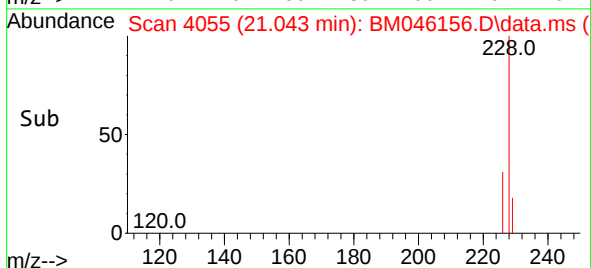
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

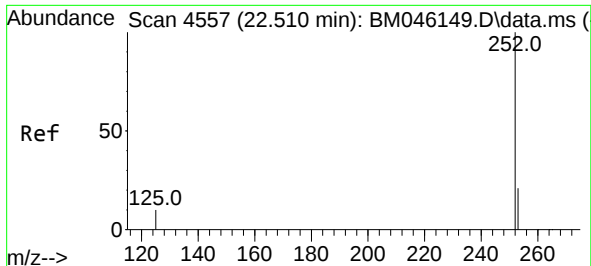


#22
Chrysene
Concen: 9.511 ng/ul
RT: 21.043 min Scan# 4055
Delta R.T. -0.033 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41



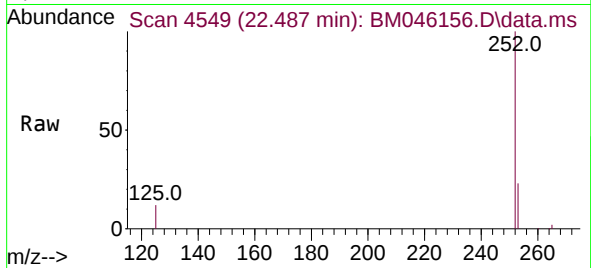
Tgt Ion:228 Resp: 291979
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 13.801 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

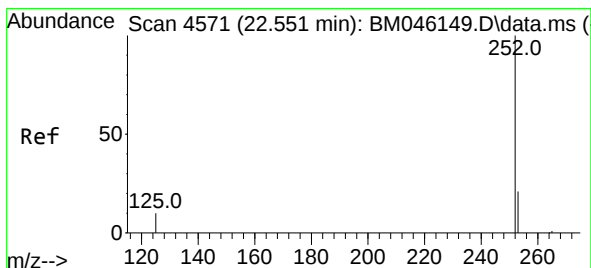
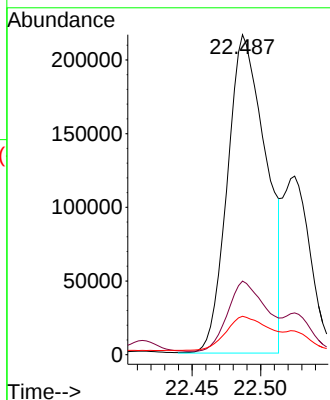
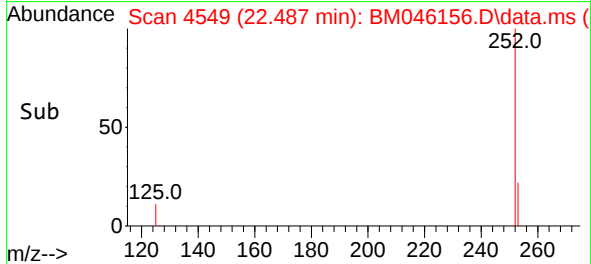
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



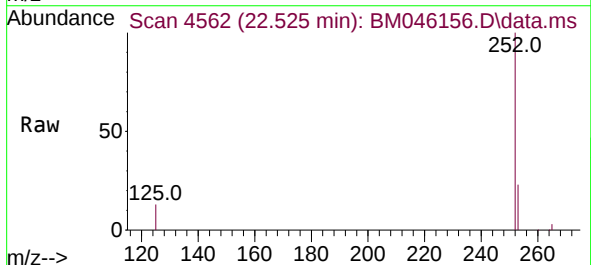
Tgt Ion:252 Resp: 42402
Ion Ratio Lower Upper
252 100
253 23.0 0.0 65.8
125 12.0 0.0 40.2

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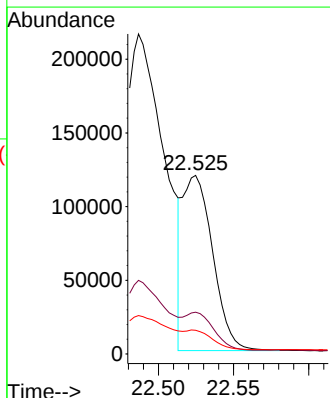
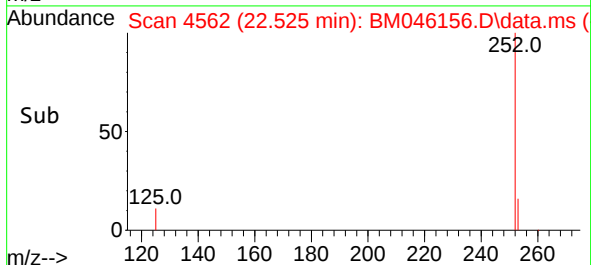
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

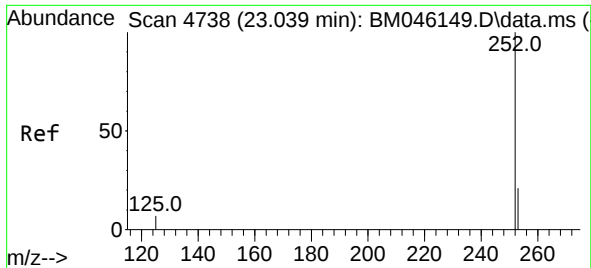


#25
Benzo(k)fluoranthene
Concen: 4.509 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.039 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41



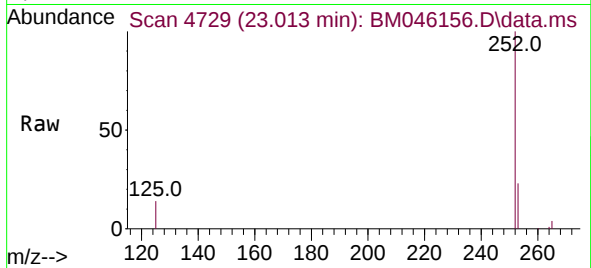
Tgt Ion:252 Resp: 164699
Ion Ratio Lower Upper
252 100
253 23.4 27.2 40.8#
125 13.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 5.807 ng/ul
RT: 23.013 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

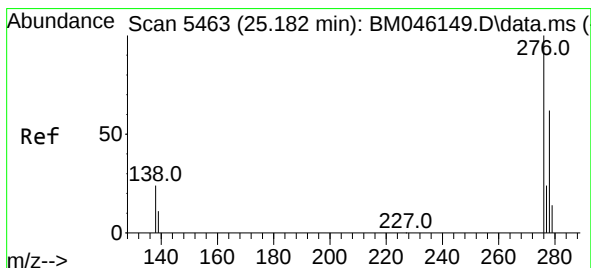
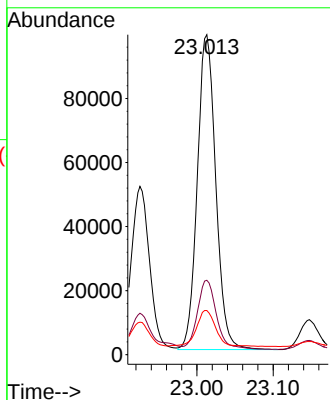
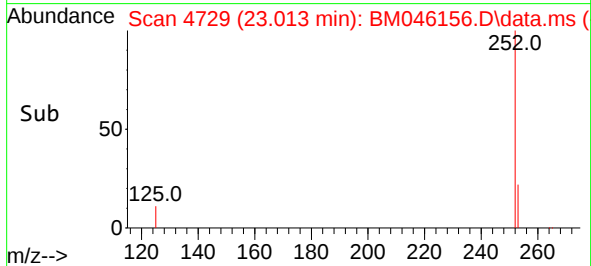
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



Tgt Ion:252 Resp: 165338
Ion Ratio Lower Upper
252 100
253 23.2 32.1 48.1
125 13.8 21.2 31.8

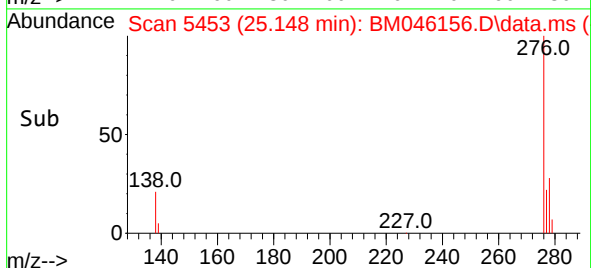
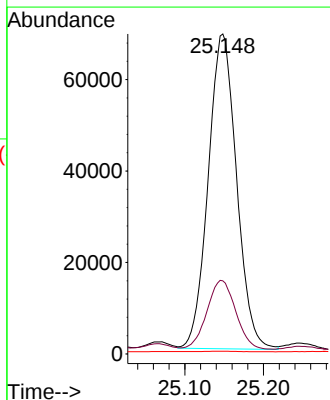
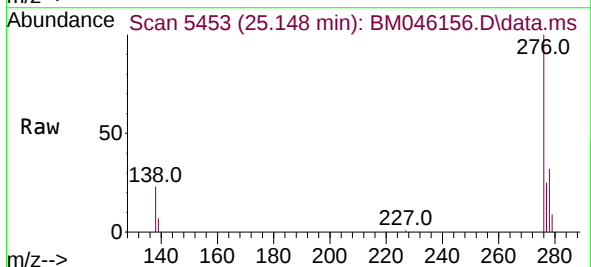
Manual Integrations
APPROVED

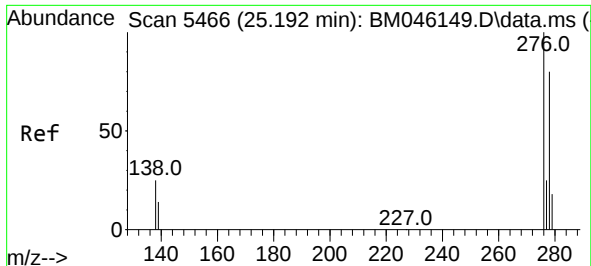
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.705 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

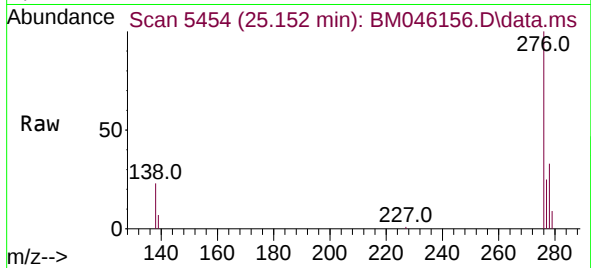
Tgt Ion:276 Resp: 172631
Ion Ratio Lower Upper
276 100
138 22.2 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.762 ng/ul
RT: 25.152 min Scan# 5466
Delta R.T. -0.064 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41

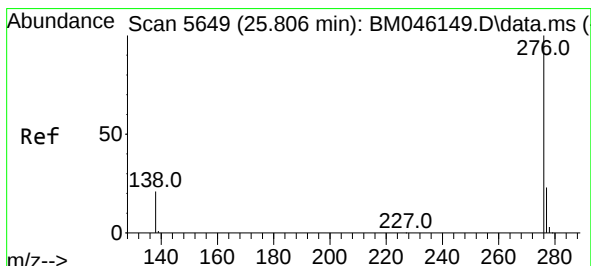
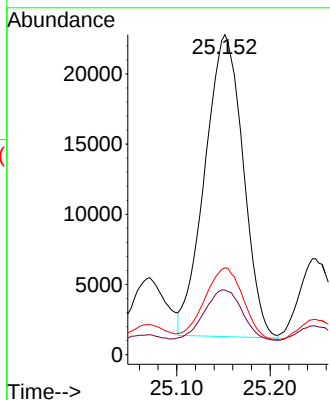
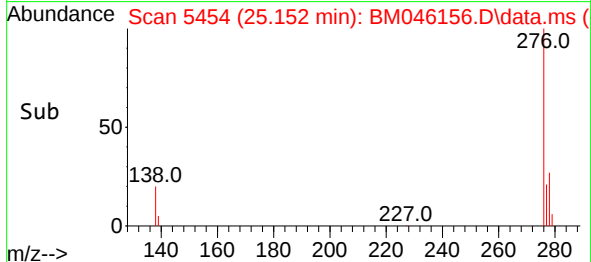
Instrument :
BNA_M
ClientSampleId :
A4BP6MS



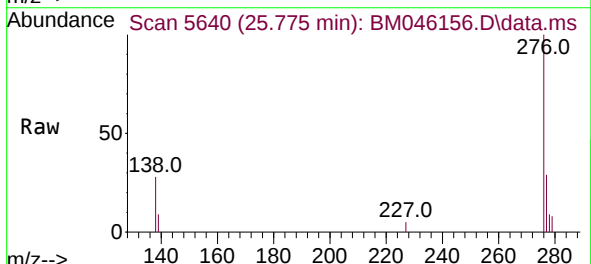
Tgt Ion:278 Resp: 6111
Ion Ratio Lower Upper
278 100
139 20.2 17.6 26.4
279 27.1 26.3 39.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.647 ng/ul
RT: 25.775 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046156.D
Acq: 21 Jun 2024 12:41



Tgt Ion:276 Resp: 25839
Ion Ratio Lower Upper
276 100
138 28.4 21.7 32.5
277 28.8 20.4 30.6

