

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049126.D
 Acq On : 21 Dec 2024 07:14
 Operator : RC/JU
 Sample : P5265-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 22 23:06:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 18 15:33:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	8194	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	24862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	13568	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	29040	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	26236	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	31161	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	27378	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	5384	0.161	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	8555	0.115	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	8326	0.134	ng/ul	96
7) 2-Methylnaphthalene	11.992	142	6215	0.158	ng/ul	99
8) 1-Methylnaphthalene	12.212	142	4811	0.119	ng/ul	98
10) Acenaphthylene	13.910	152	3750	0.067	ng/ul#	86
11) Acenaphthene	14.257	153	14658	0.357	ng/ul	100
12) Fluorene	15.247	166	8053	0.174	ng/ul	98
15) Phenanthrene	16.981	178	418858	5.522	ng/ul	98
16) Anthracene	17.074	178	22295	0.320	ng/ul	98
19) Fluoranthene	19.007	202	506364	5.338	ng/ul	99
20) Pyrene	19.369	202	415905	4.111	ng/ul	100
21) Benzo(a)anthracene	21.128	228	115382	1.264	ng/ul	99
22) Chrysene	21.178	228	147880	1.510	ng/ul	98
24) Benzo(b)fluoranthene	22.662	252	205948m	2.069	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	76089m	0.697	ng/ul	
26) Benzo(a)pyrene	23.206	252	136289m	1.428	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	124733	0.923	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.447	278	22285	0.212	ng/ul#	93
29) Benzo(g,h,i)perylene	26.091	276	136382	1.255	ng/ul	97

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

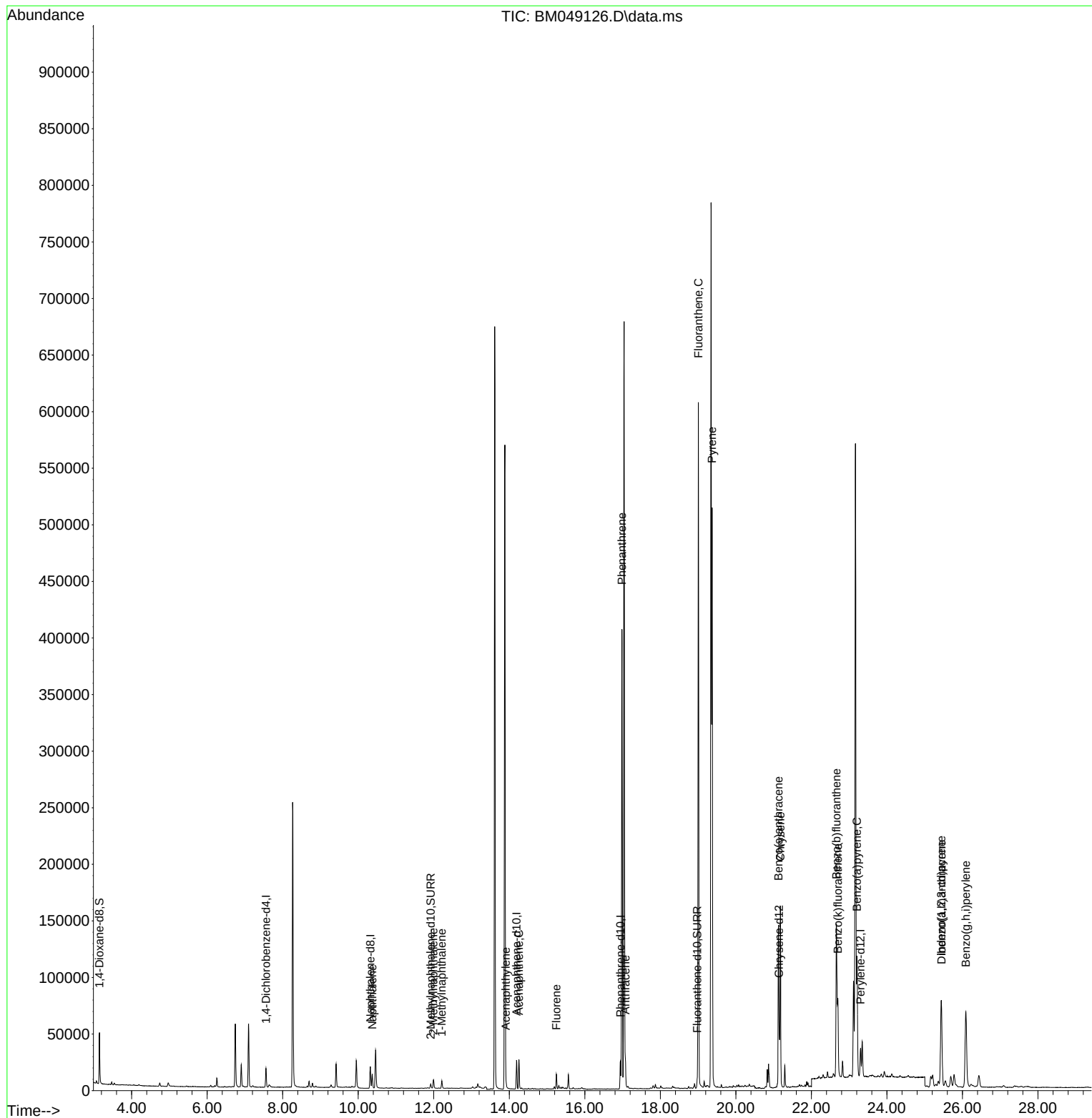
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049126.D
Acq On : 21 Dec 2024 07:14
Operator : RC/JU
Sample : P5265-08
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ALS Vial : 27 Sample Multiplier: 1

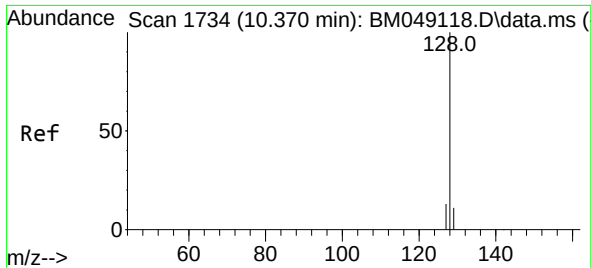
Instrument :
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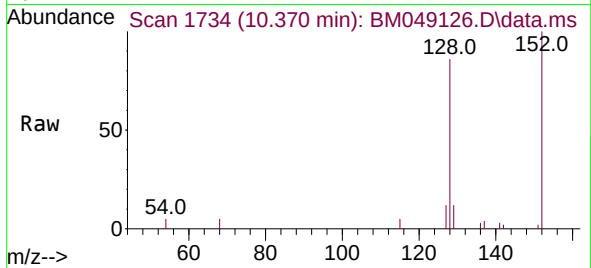
Quant Time: Dec 22 23:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

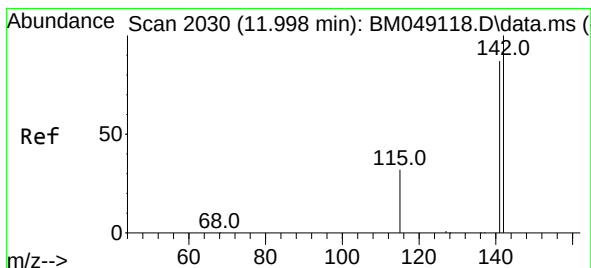
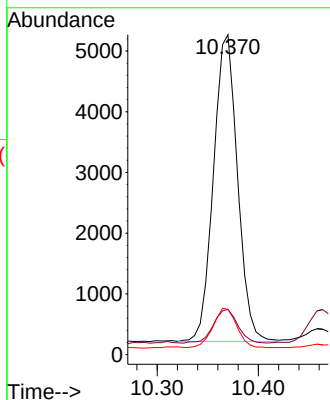
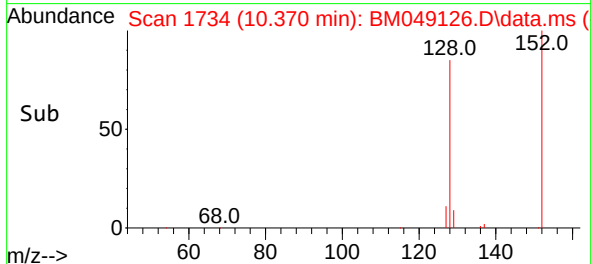
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:128 Resp: 8320
Ion Ratio Lower Upper
128 100
129 14.1 9.7 14.5
127 14.1 10.6 16.0

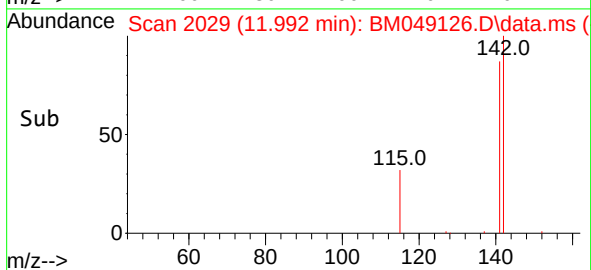
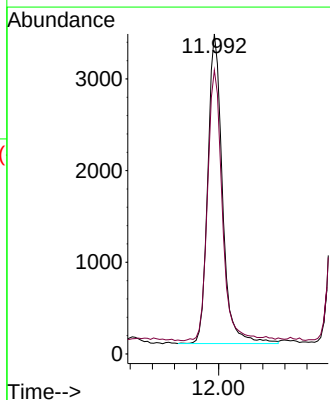
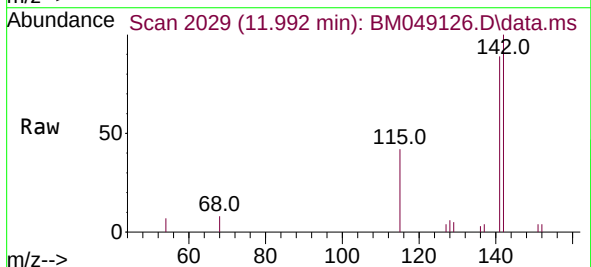
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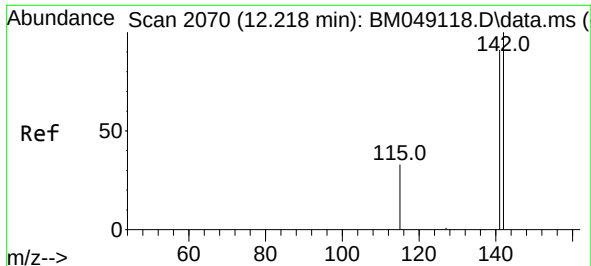
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

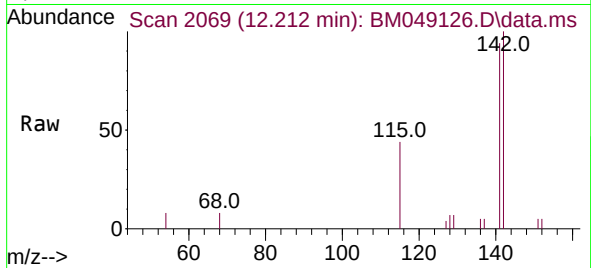
Tgt Ion:142 Resp: 6215
Ion Ratio Lower Upper
142 100
141 88.8 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.010 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

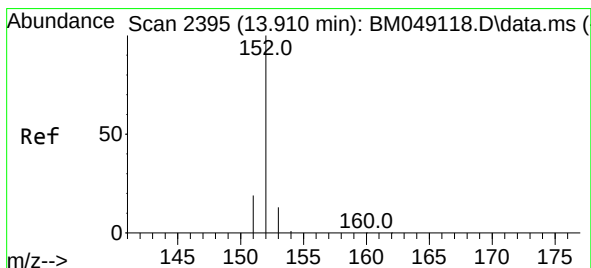
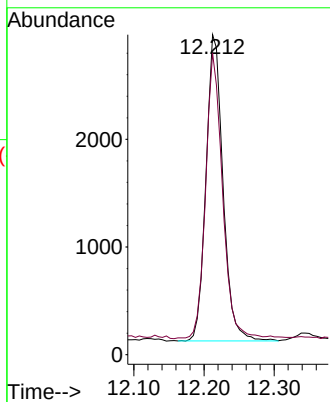
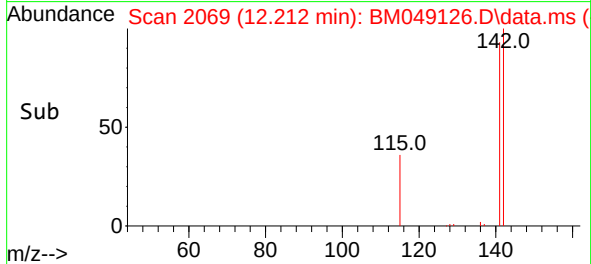
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:142 Resp: 481
Ion Ratio Lower Upper
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141 93.0 72.7 109.1

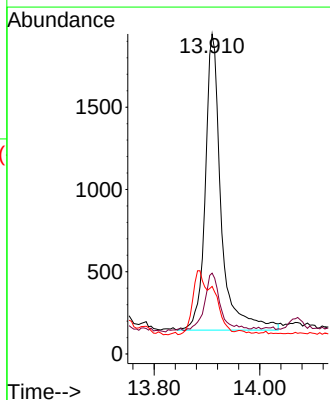
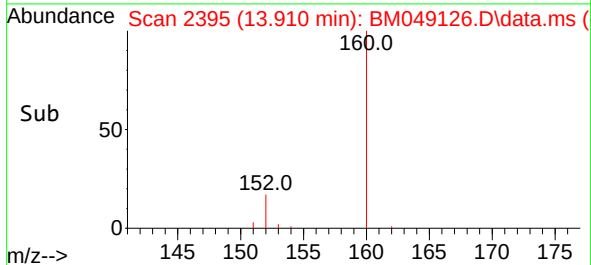
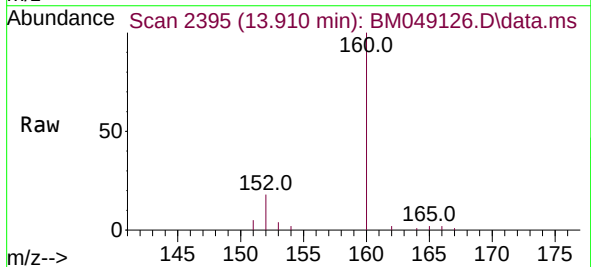
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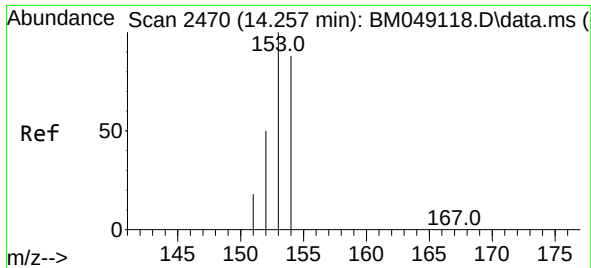
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

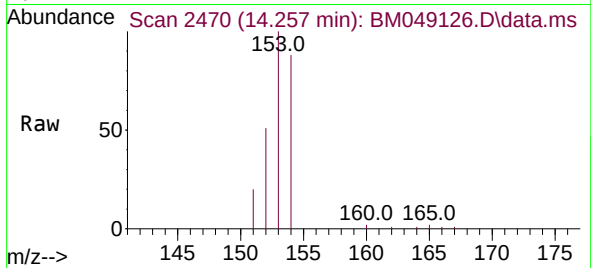
Tgt Ion:152 Resp: 3750
Ion Ratio Lower Upper
152 100
151 25.2 16.0 24.0#
153 21.1 11.0 16.6#





#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

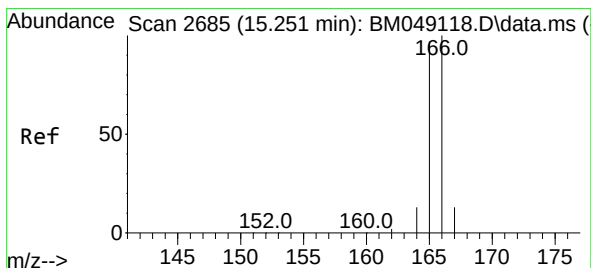
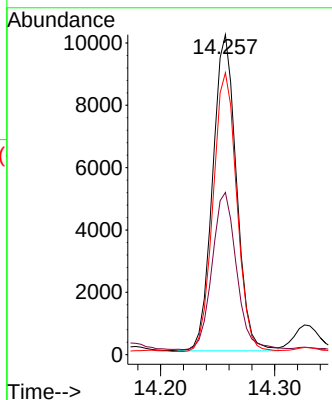
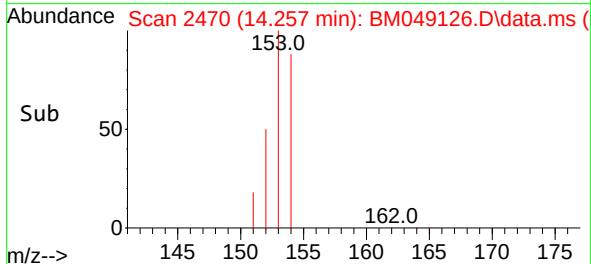
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:153 Resp: 14658
Ion Ratio Lower Upper
153 100
152 50.7 40.7 61.1
154 88.1 70.8 106.2

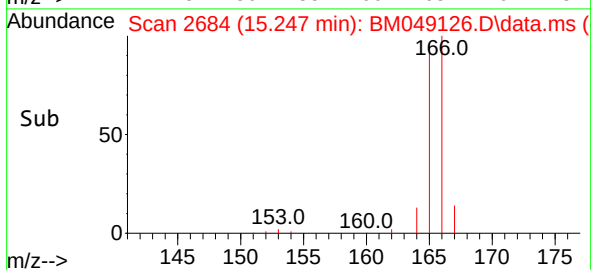
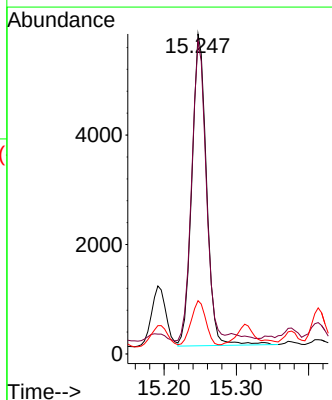
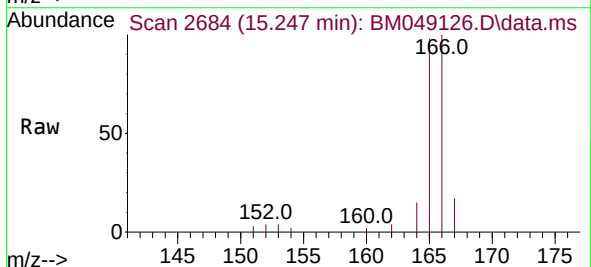
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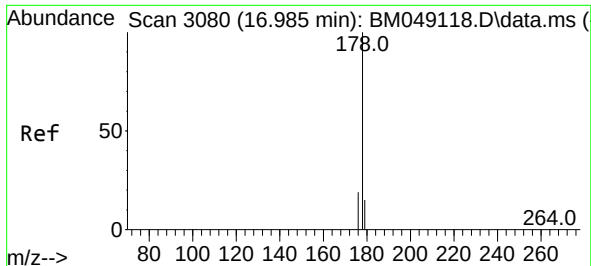
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.247 min Scan# 2684
Delta R.T. -0.008 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

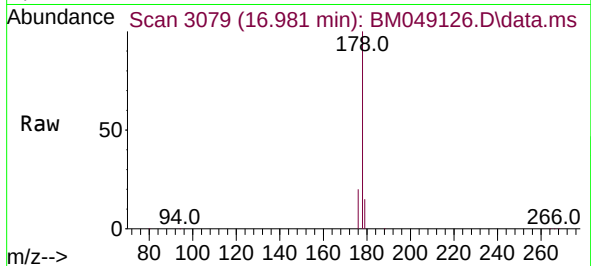
Tgt Ion:166 Resp: 8053
Ion Ratio Lower Upper
166 100
165 97.7 79.7 119.5
167 16.7 11.4 17.0





#15
Phenanthrene
Concen: 5.522 ng/u1
RT: 16.981 min Scan# 3080
Delta R.T. -0.011 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

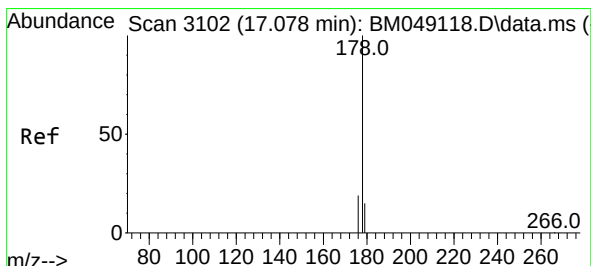
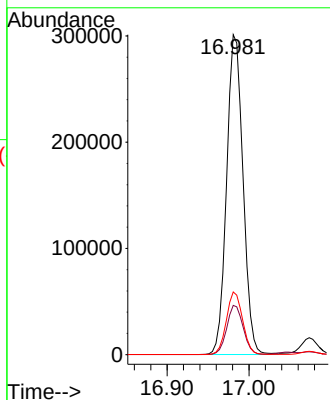
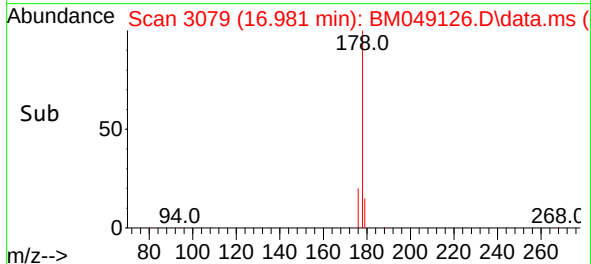
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:178 Resp: 418858
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.6 16.2 24.2

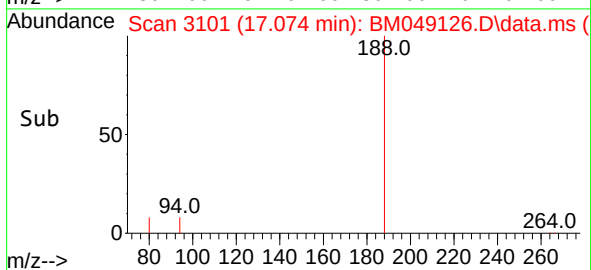
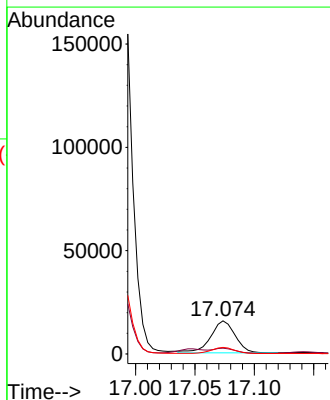
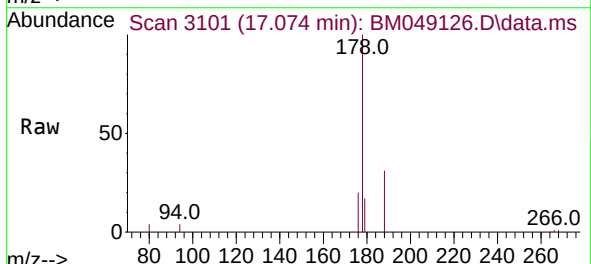
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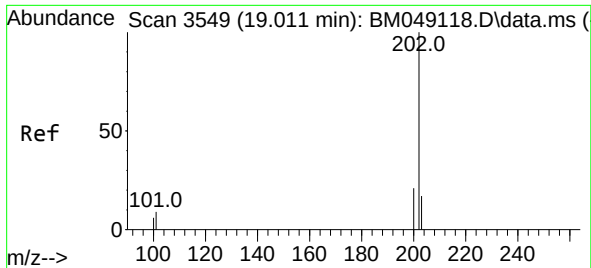
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.320 ng/u1
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

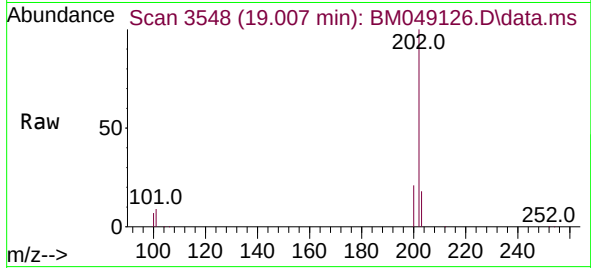
Tgt Ion:178 Resp: 22295
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.7 15.3 22.9





#19
Fluoranthene
Concen: 5.338 ng/ul
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

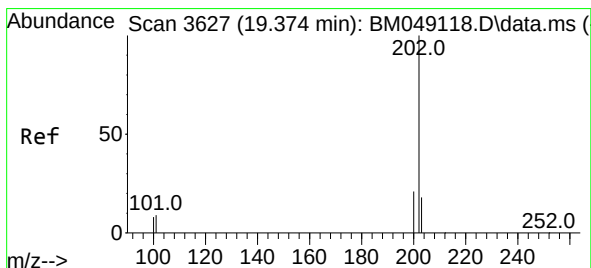
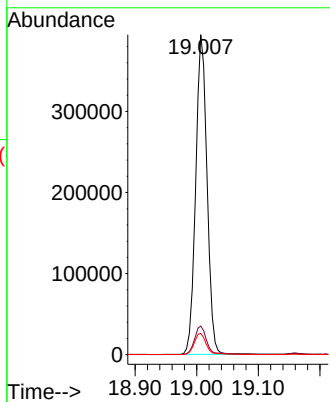
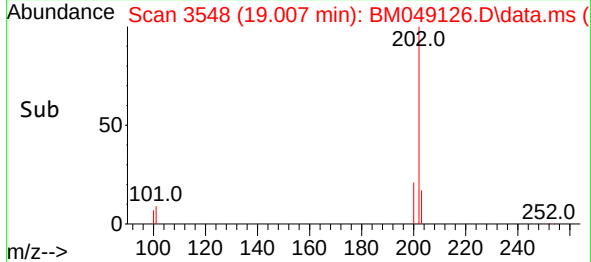
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:202 Resp: 506364
Ion Ratio Lower Upper
202 100
101 8.9 7.6 11.4
100 6.7 5.5 8.3

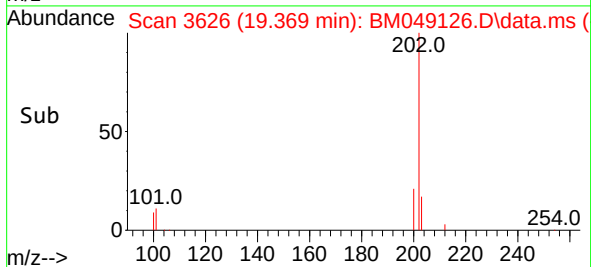
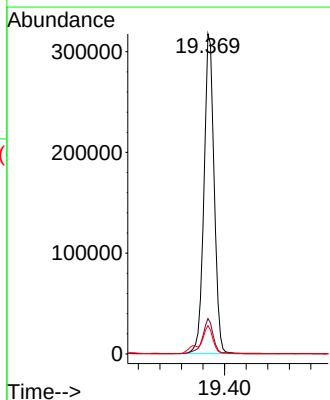
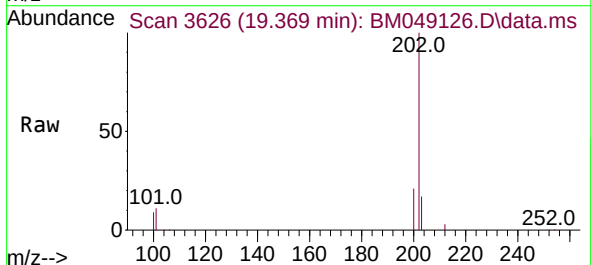
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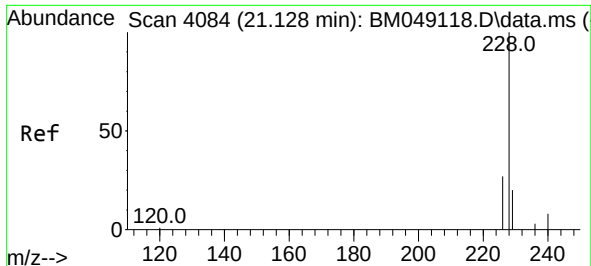
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 4.111 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.008 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

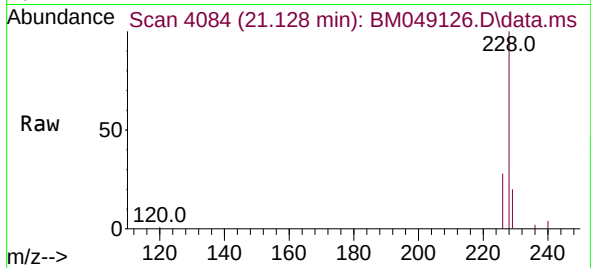
Tgt Ion:202 Resp: 415905
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.9 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.264 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

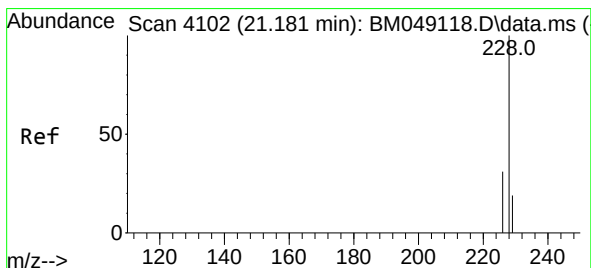
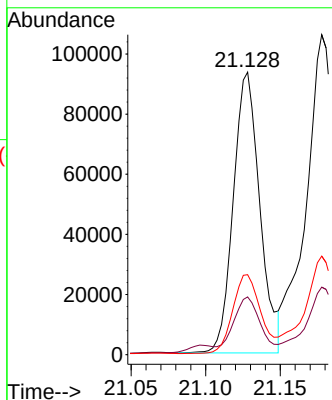
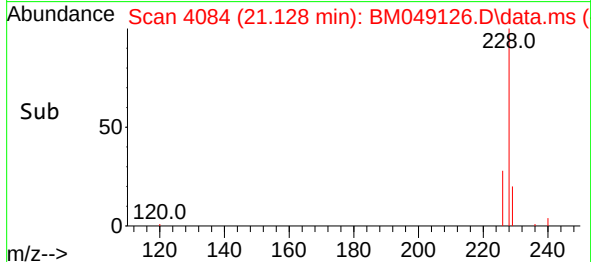
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:228 Resp: 11538
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.3 22.6 34.0

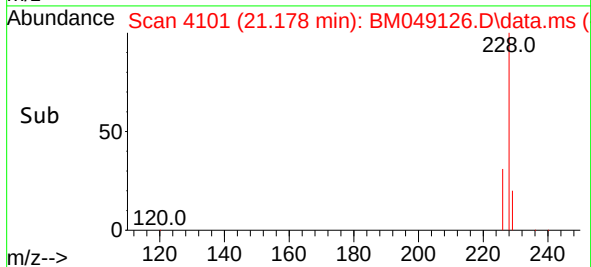
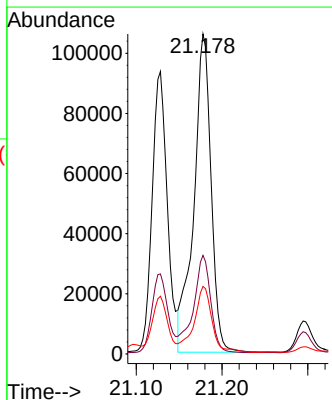
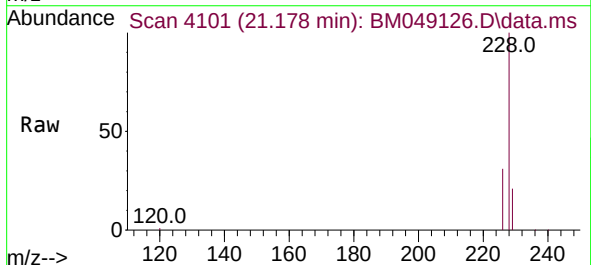
Manual Integrations
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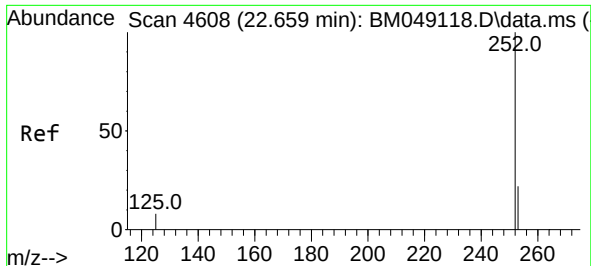
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.510 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

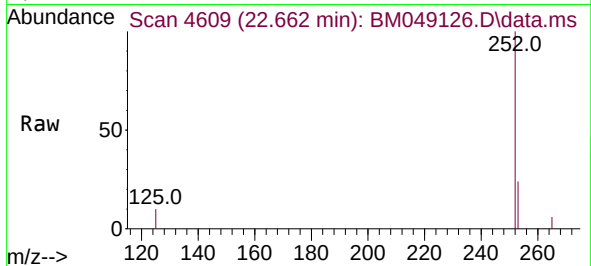
Tgt Ion:228 Resp: 147880
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.1 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.069 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

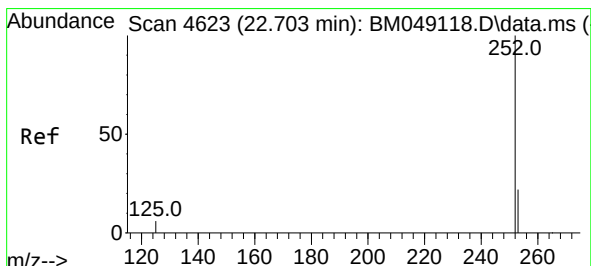
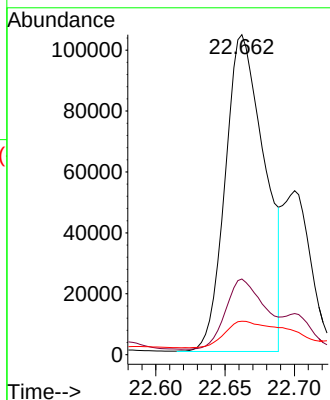
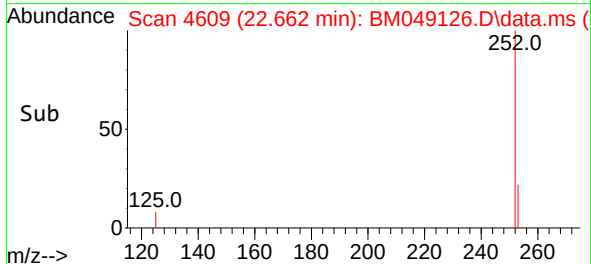
Instrument :
BNA_M
ClientSampleId :
E28Z3



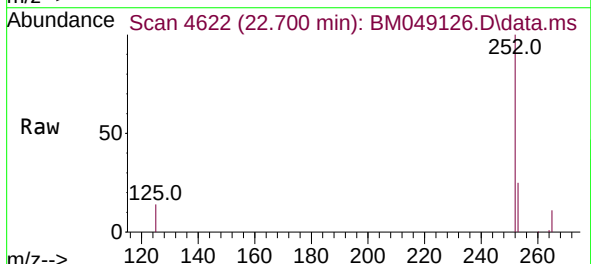
Tgt Ion:252 Resp: 20594
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.6
125 10.4 0.0 30.8

Manual Integrations
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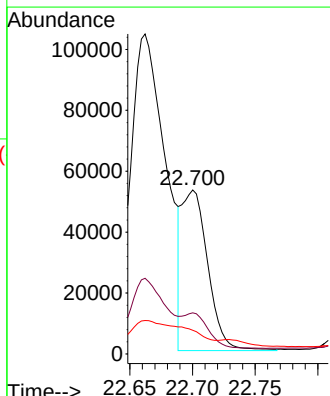
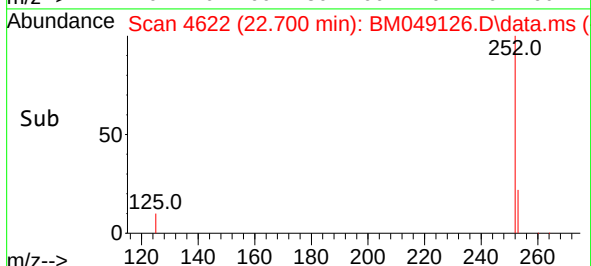
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

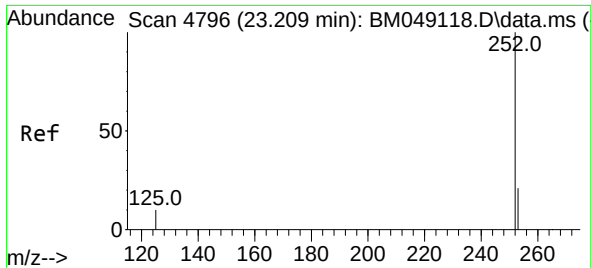


#25
Benzo(k)fluoranthene
Concen: 0.697 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14



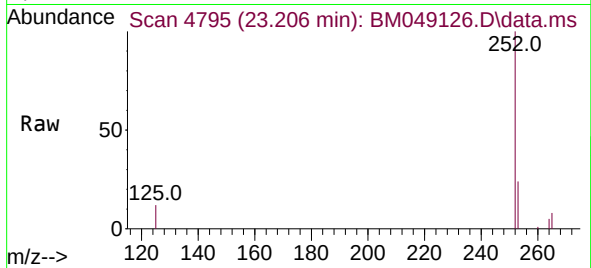
Tgt Ion:252 Resp: 76089
Ion Ratio Lower Upper
252 100
253 25.1 21.3 31.9
125 14.5 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.428 ng/ul m
RT: 23.206 min Scan# 4796
Delta R.T. -0.003 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

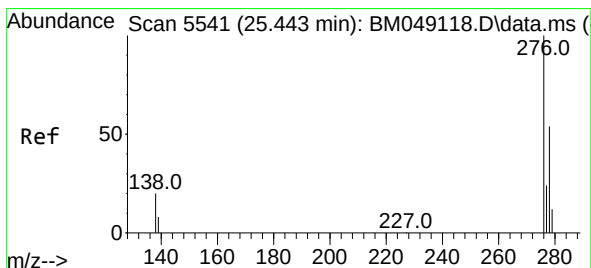
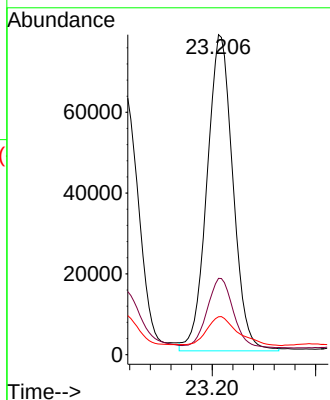
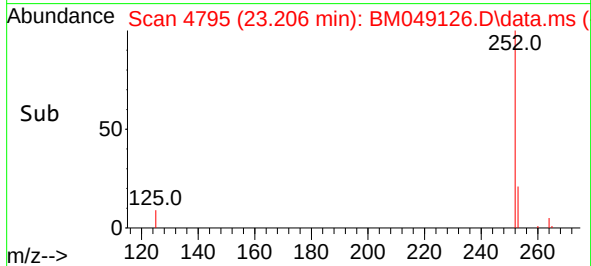
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:252 Resp: 136289
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 11.9 14.8 22.2

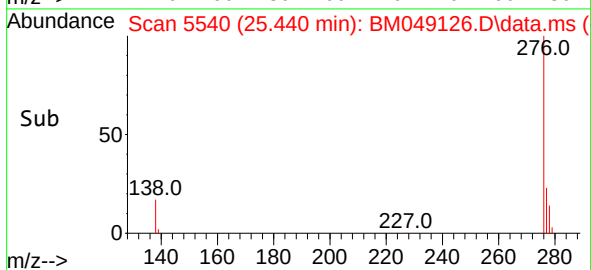
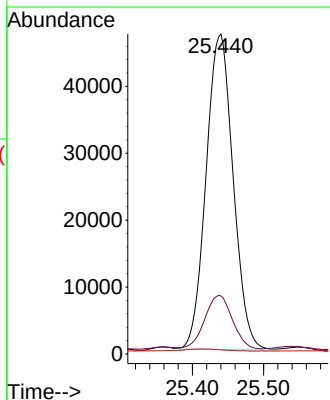
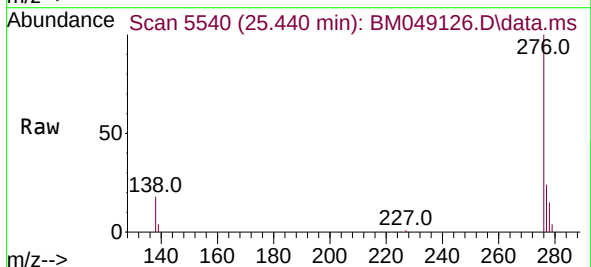
Manual Integrations
APPROVED

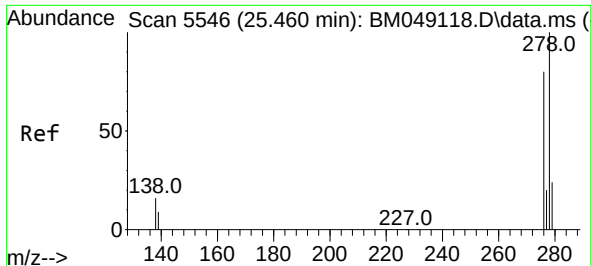
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.923 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

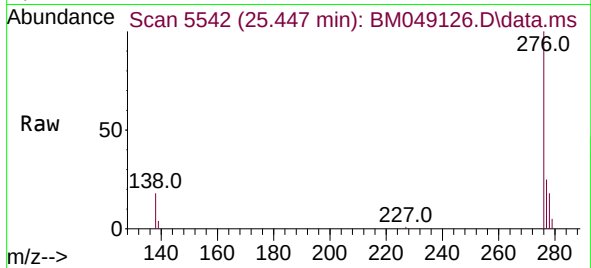
Tgt Ion:276 Resp: 124733
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14

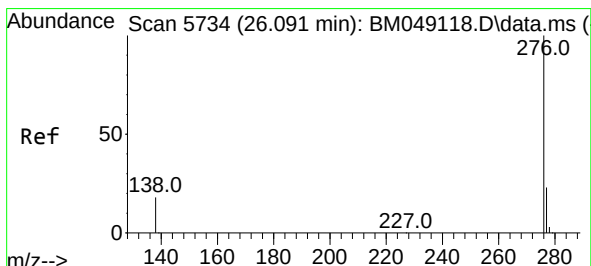
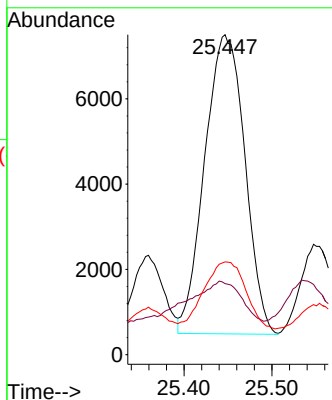
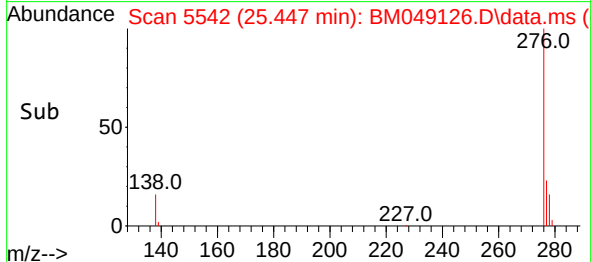
Instrument :
BNA_M
ClientSampleId :
E28Z3



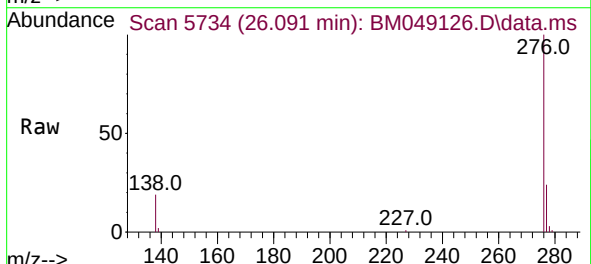
Tgt Ion:278 Resp: 2228
Ion Ratio Lower Upper
278 100
139 22.2 13.5 20.3
279 29.0 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 1.255 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049126.D
Acq: 21 Dec 2024 07:14



Tgt Ion:276 Resp: 136382
Ion Ratio Lower Upper
276 100
138 19.0 16.7 25.1
277 24.1 19.9 29.9

