

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049123.D
 Acq On : 21 Dec 2024 05:26
 Operator : RC/JU
 Sample : P5265-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z5DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:05:43 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	7.560	152	11931	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	38631	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	22357	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	46503	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	39421	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	42655	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	8495	0.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1796	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	3068	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	3361	0.035	ng/ul#	85
7) 2-Methylnaphthalene	11.998	142	1696	0.028	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	1328	0.021	ng/ul	96
10) Acenaphthylene	13.910	152	2901	0.031	ng/ul#	83
11) Acenaphthene	14.257	153	1825	0.027	ng/ul	95
12) Fluorene	15.252	166	1771	0.023	ng/ul#	90
15) Phenanthrene	16.985	178	37945	0.312	ng/ul	99
16) Anthracene	17.074	178	9130	0.082	ng/ul	95
19) Fluoranthene	19.007	202	106147	0.745	ng/ul	100
20) Pyrene	19.374	202	90708	0.597	ng/ul	98
21) Benzo(a)anthracene	21.128	228	46765	0.341	ng/ul	97
22) Chrysene	21.178	228	47102	0.320	ng/ul	96
24) Benzo(b)fluoranthene	22.662	252	59512m	0.437	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	23356m	0.156	ng/ul	
26) Benzo(a)pyrene	23.206	252	41750	0.319	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.440	276	31763	0.172	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.450	278	7253	0.050	ng/ul#	44
29) Benzo(g,h,i)perylene	26.091	276	33870	0.228	ng/ul	96

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

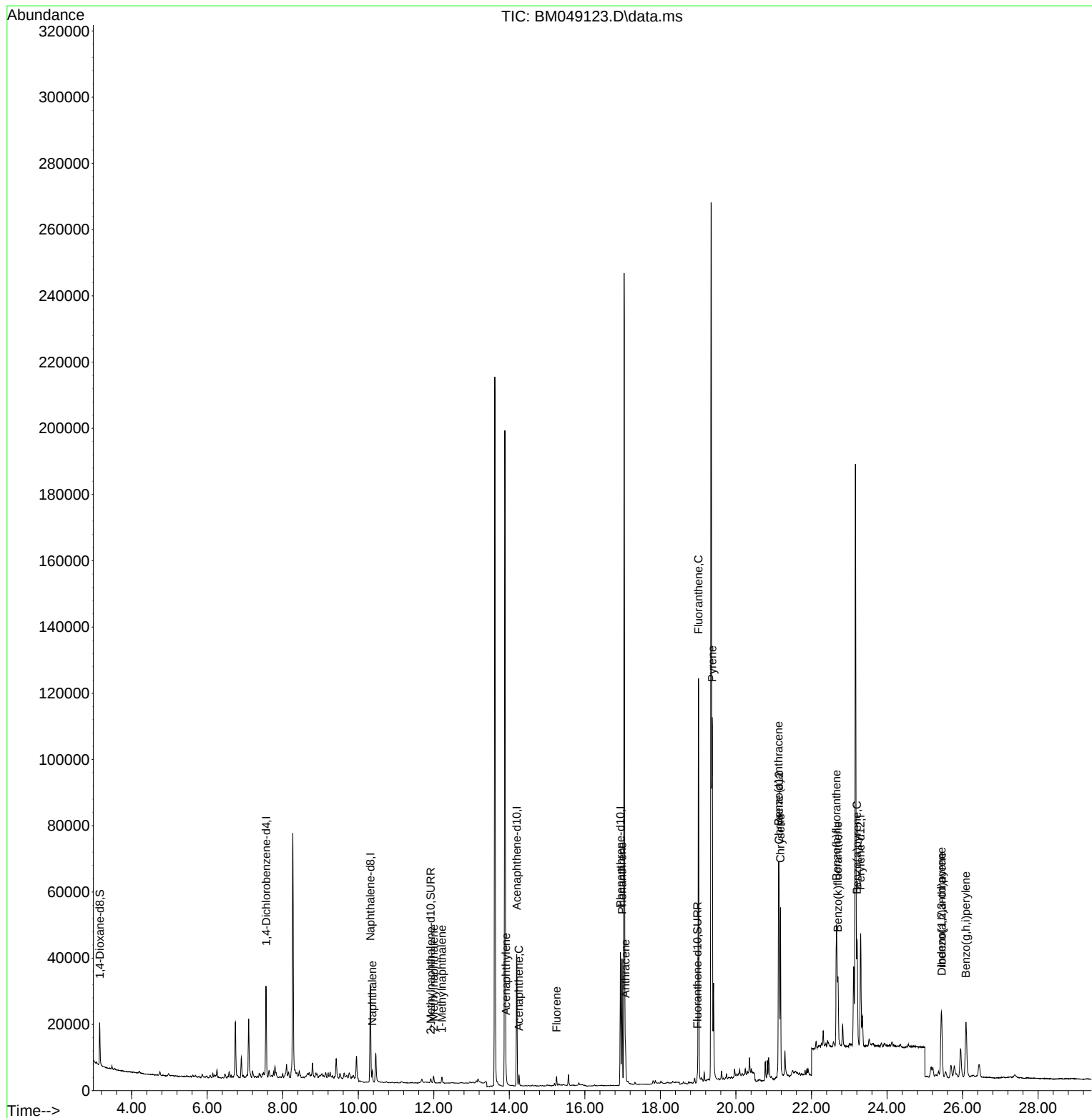
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049123.D
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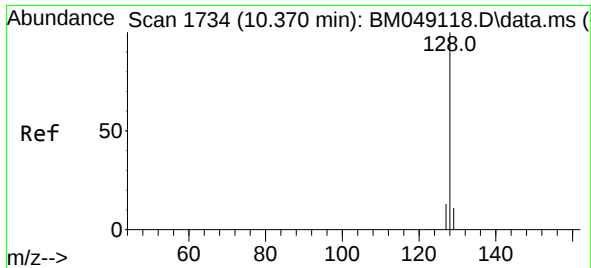
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Quant Time: Dec 22 23:05:43 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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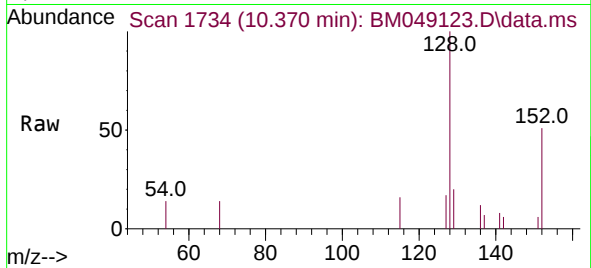
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

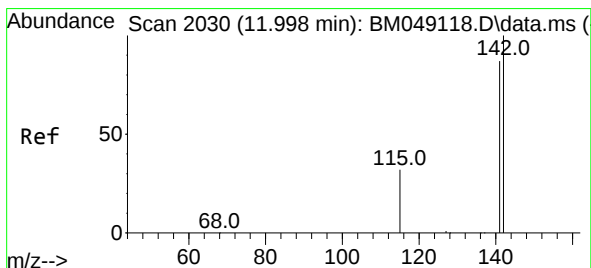
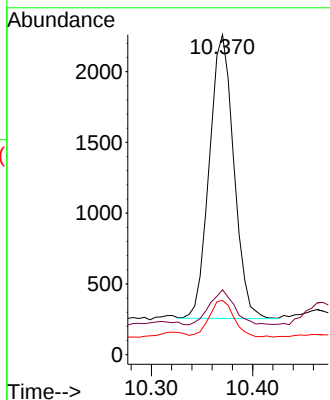
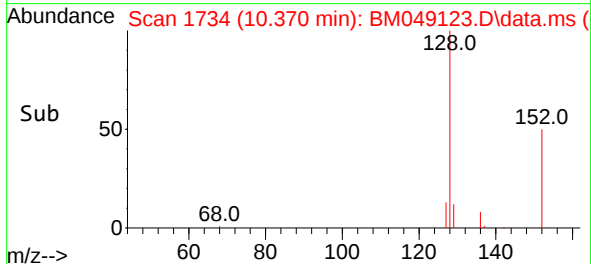
Instrument :
BNA_M
ClientSampleId :
E28Z5DL



Tgt Ion:128 Resp: 336
Ion Ratio Lower Upper
128 100
129 20.3 9.7 14.5
127 16.9 10.6 16.0

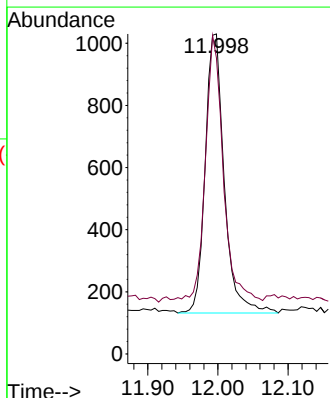
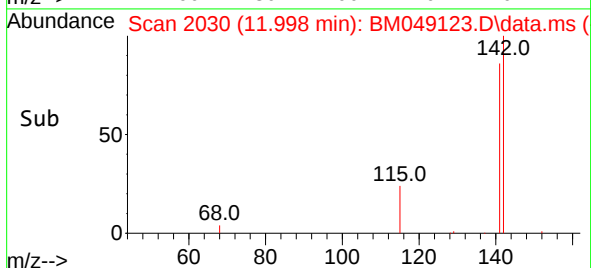
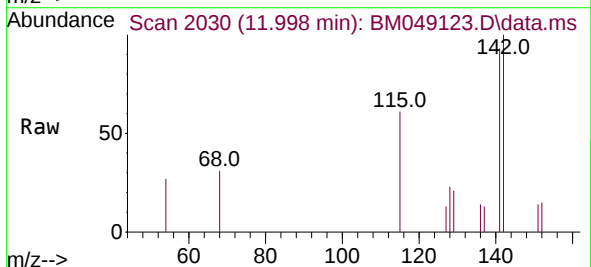
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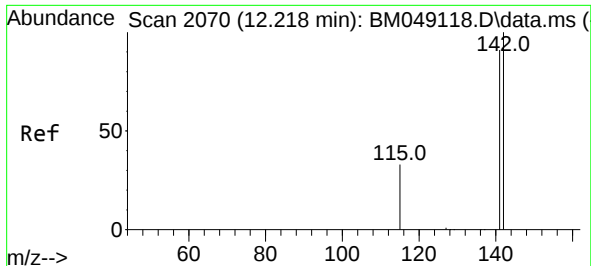
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

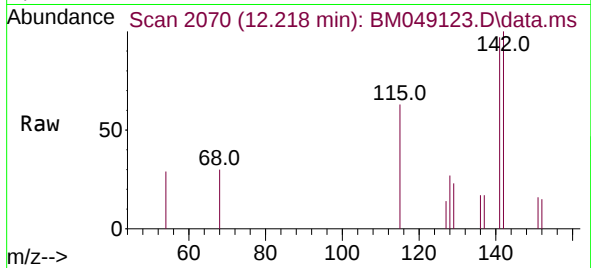
Tgt Ion:142 Resp: 1696
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

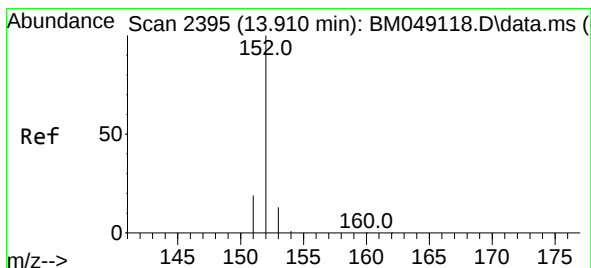
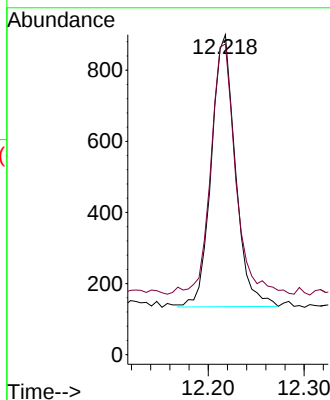
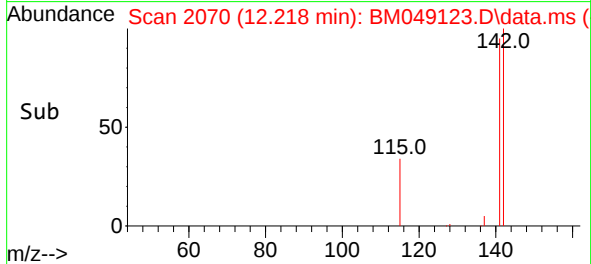
Instrument :
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E28Z5DL



Tgt Ion:142 Resp: 1328
Ion Ratio Lower Upper
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141 95.0 72.7 109.1

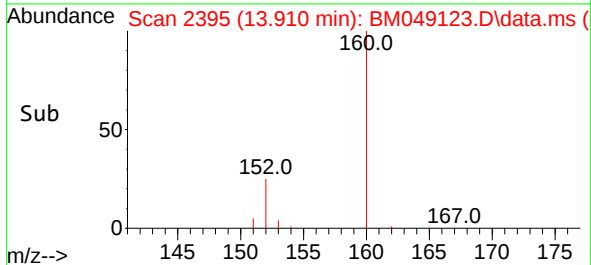
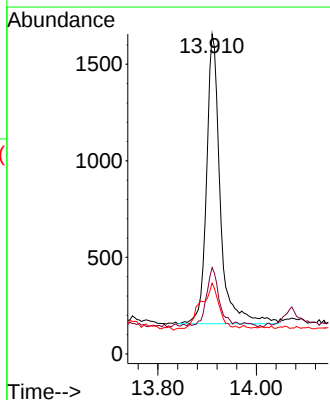
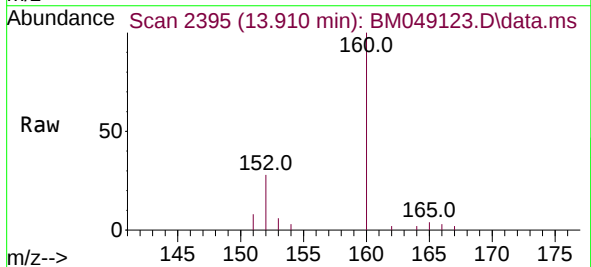
Manual Integrations
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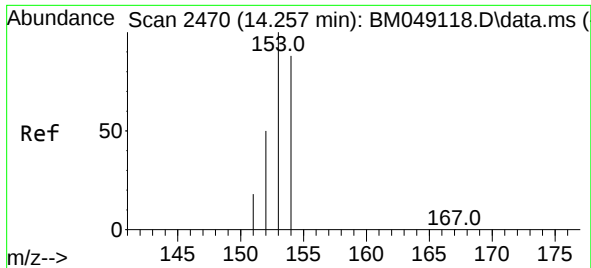
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

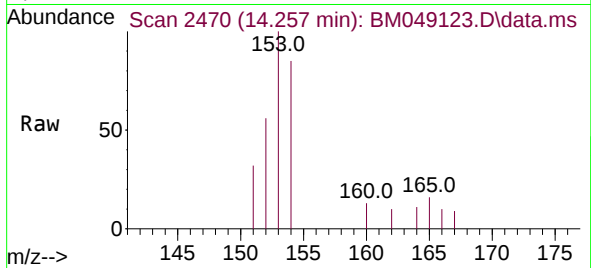
Tgt Ion:152 Resp: 2901
Ion Ratio Lower Upper
152 100
151 27.0 16.0 24.0#
153 22.1 11.0 16.6#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

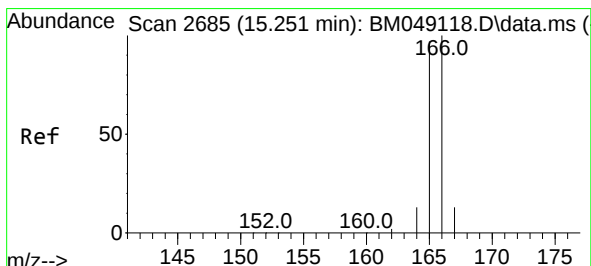
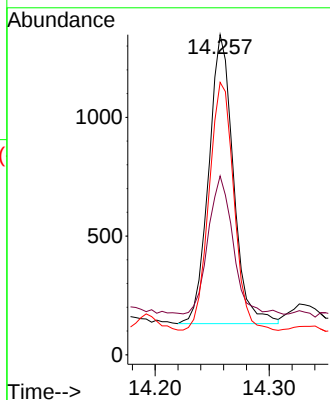
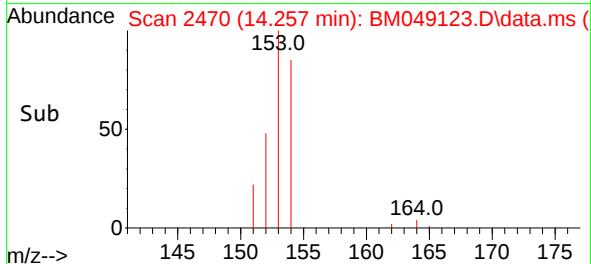
Instrument :
BNA_M
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E28Z5DL



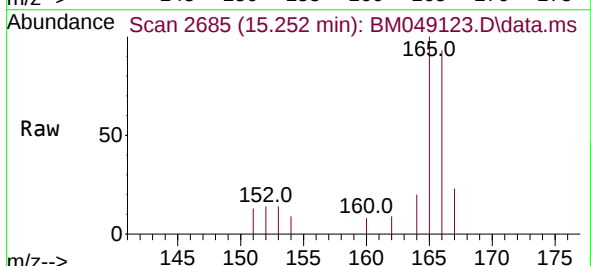
Tgt Ion:153 Resp: 1829
Ion Ratio Lower Upper
153 100
152 55.9 40.7 61.1
154 85.1 70.8 106.2

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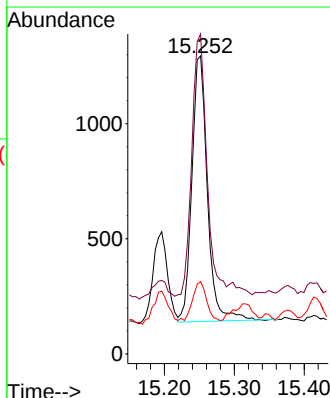
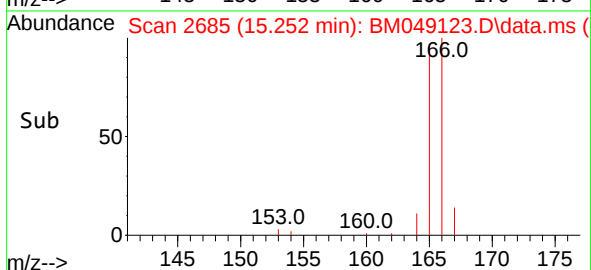
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

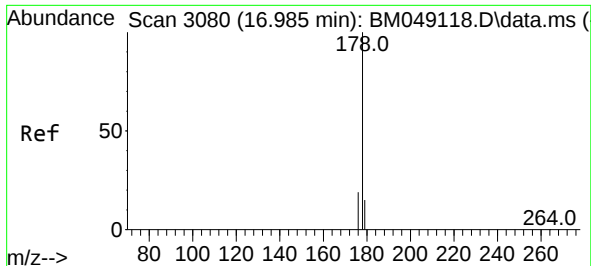


#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26



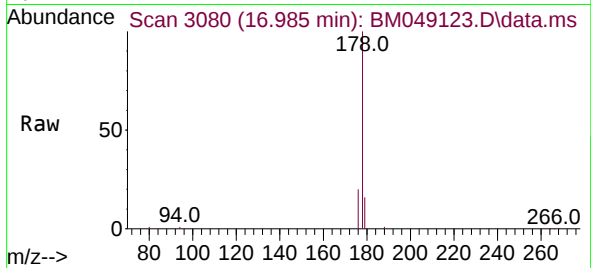
Tgt Ion:166 Resp: 1771
Ion Ratio Lower Upper
166 100
165 107.3 79.7 119.5
167 24.2 11.4 17.0#





#15
Phenanthrene
Concen: 0.312 ng/u1
RT: 16.985 min Scan# 3080
Delta R.T. -0.007 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

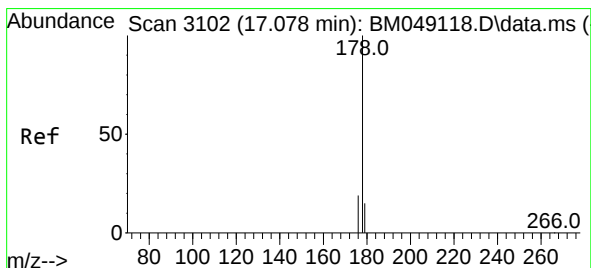
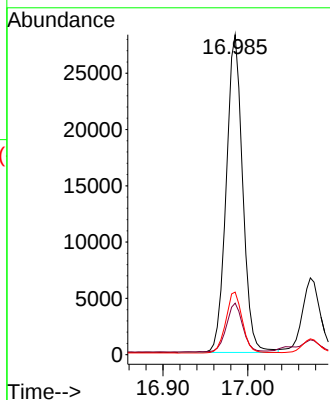
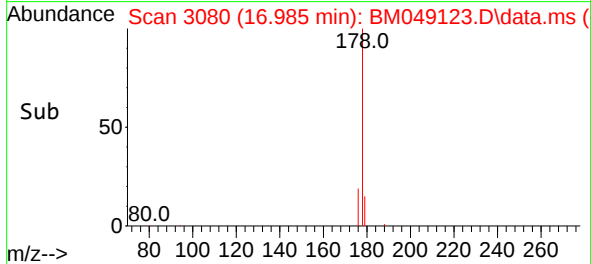
Instrument :
BNA_M
ClientSampleId :
E28Z5DL



Tgt Ion:178 Resp: 37945
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.6 16.2 24.2

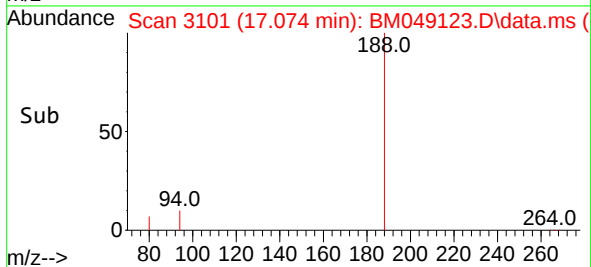
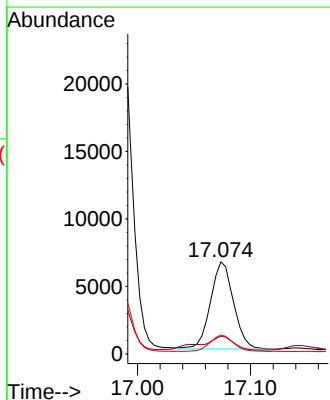
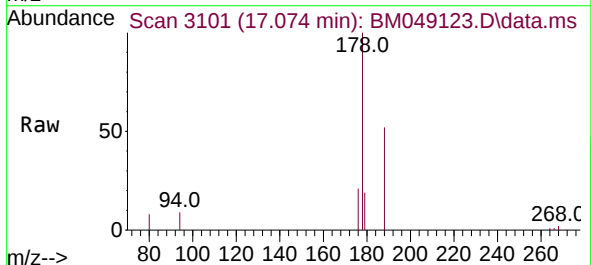
Manual Integrations
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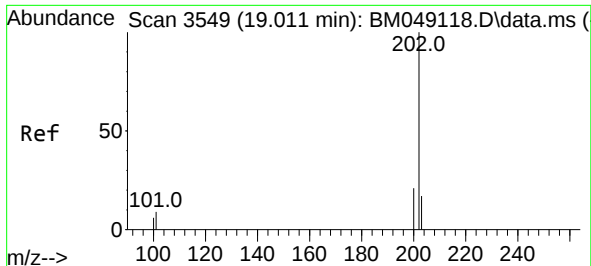
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.082 ng/u1
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

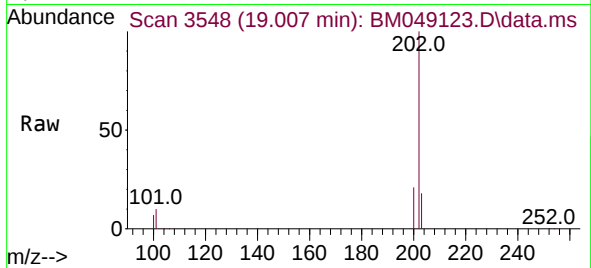
Tgt Ion:178 Resp: 9130
Ion Ratio Lower Upper
178 100
179 19.3 12.9 19.3
176 20.5 15.3 22.9





#19
Fluoranthene
Concen: 0.745 ng/u1
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

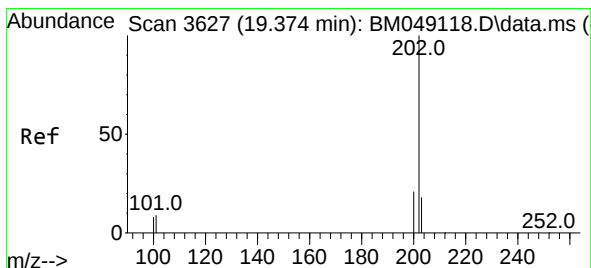
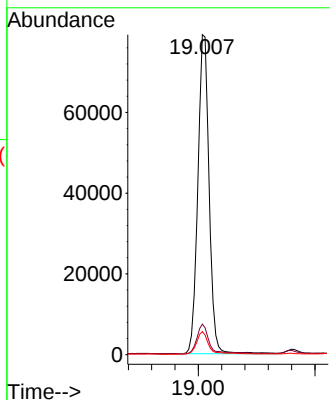
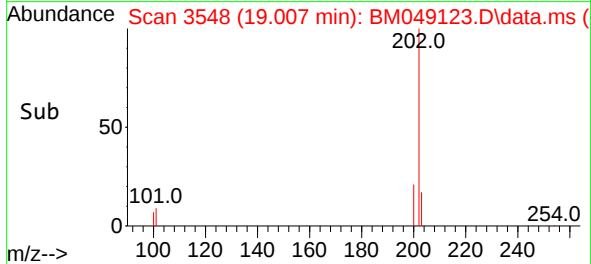
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E28Z5DL



Tgt Ion:202 Resp: 10614
Ion Ratio Lower Upper
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101 9.5 7.6 11.4
100 7.2 5.5 8.3

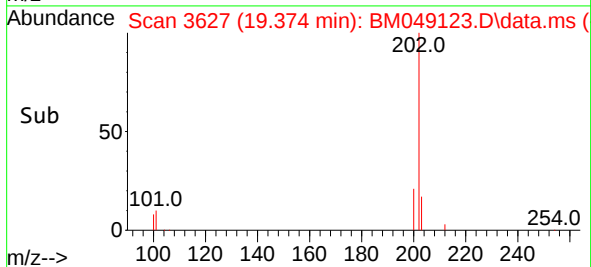
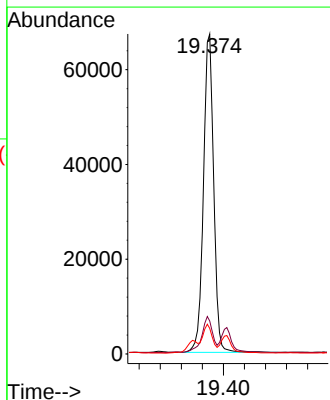
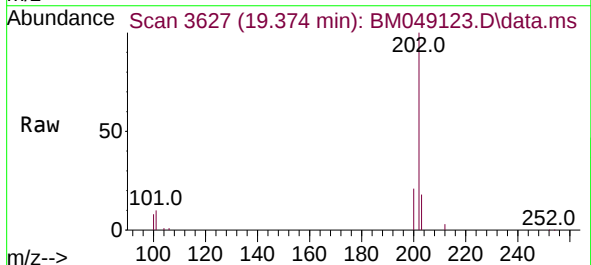
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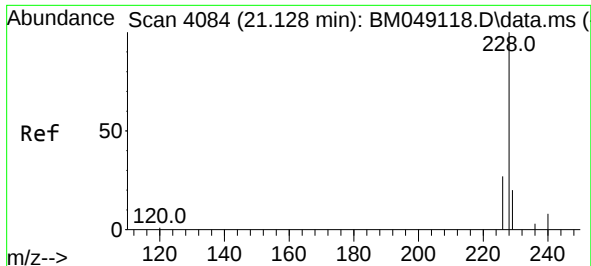
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 0.597 ng/u1
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

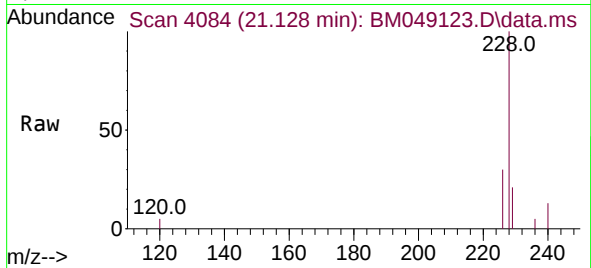
Tgt Ion:202 Resp: 90708
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 8.0 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

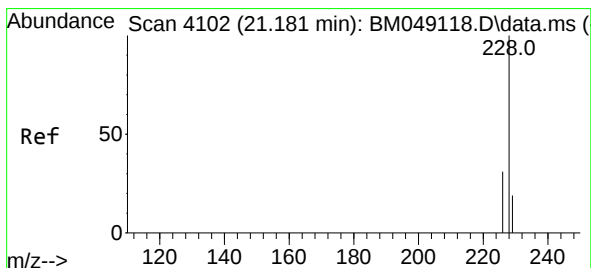
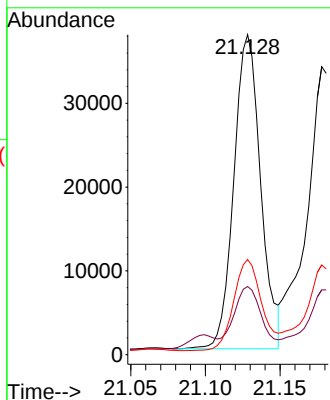
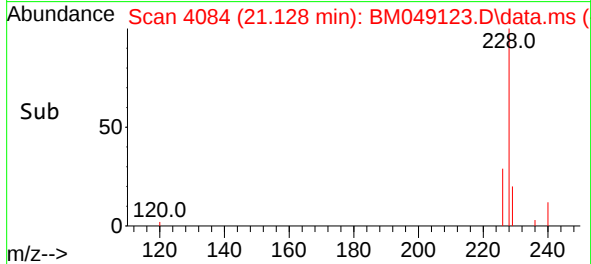
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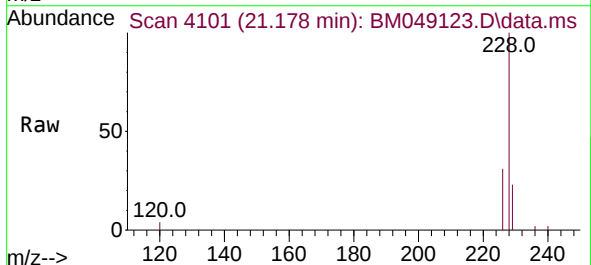
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Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 29.7 22.6 34.0

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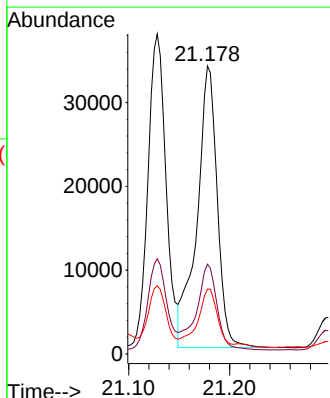
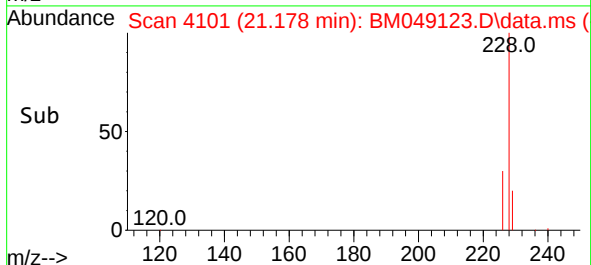
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

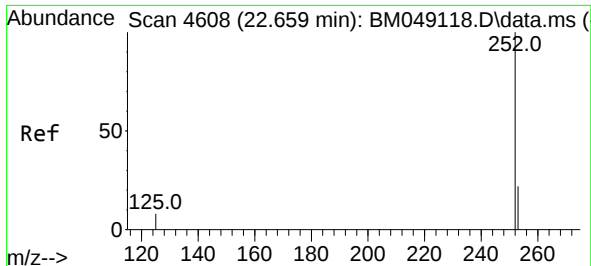


#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26



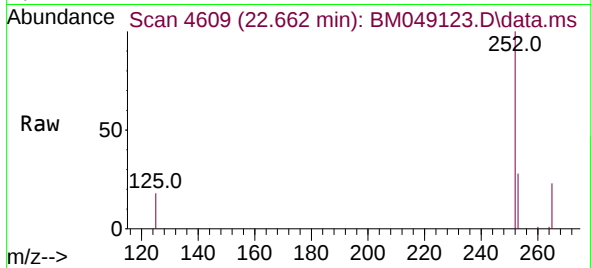
Tgt Ion:228 Resp: 47102
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 22.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

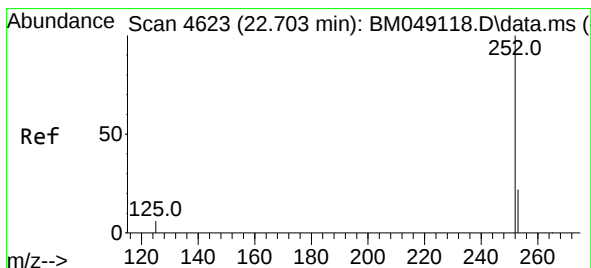
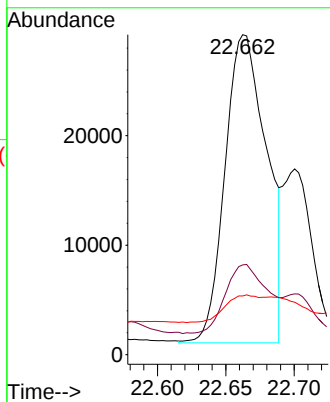
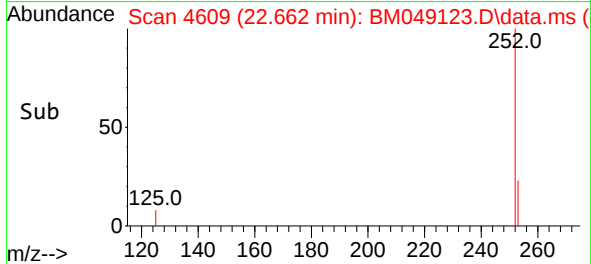
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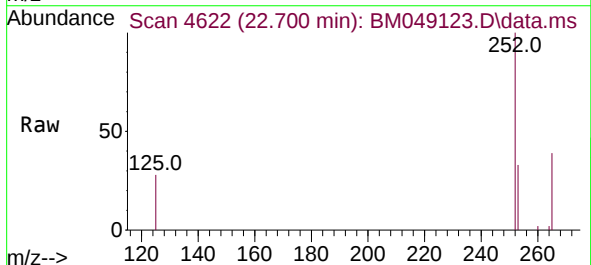
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Ion Ratio Lower Upper
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253 28.1 0.0 52.6
125 18.4 0.0 30.8

Manual Integrations
APPROVED

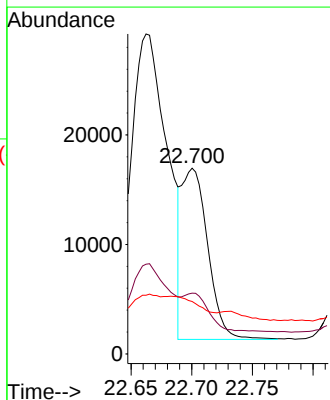
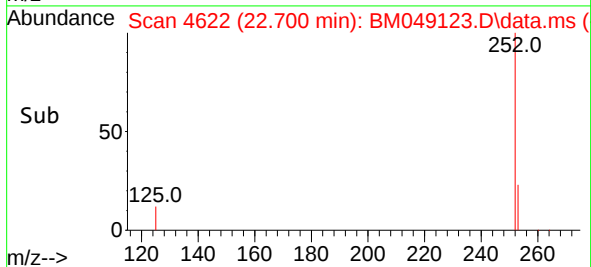
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

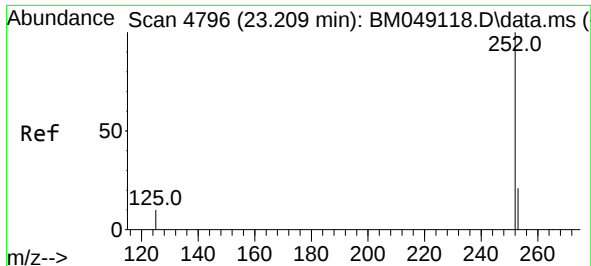


#25
Benzo(k)fluoranthene
Concen: 0.156 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26



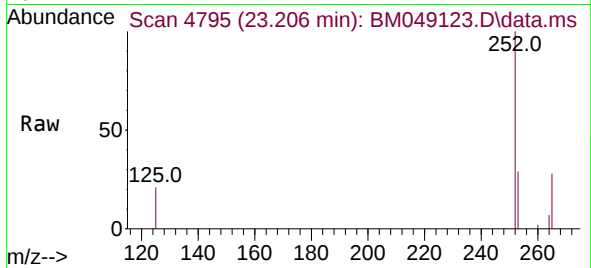
Tgt Ion:252 Resp: 23356
Ion Ratio Lower Upper
252 100
253 32.8 21.3 31.9#
125 28.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.206 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

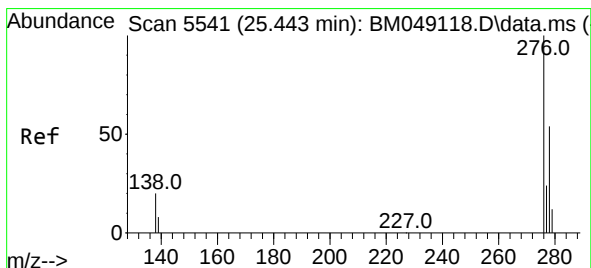
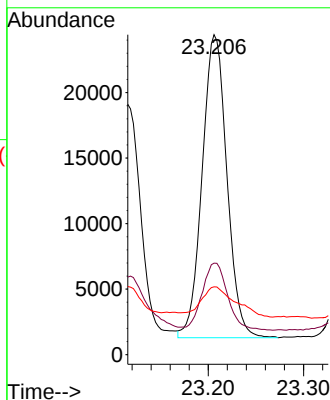
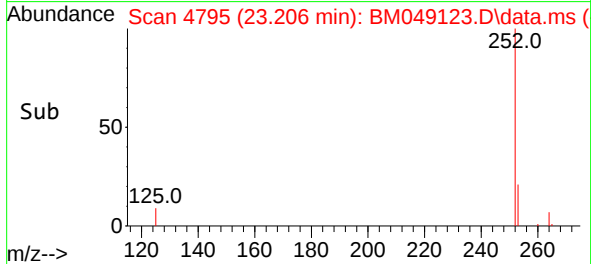
Instrument :
BNA_M
ClientSampleId :
E28Z5DL



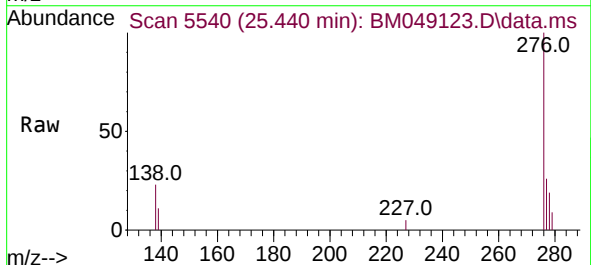
Tgt Ion:252 Resp: 41750
Ion Ratio Lower Upper
252 100
253 28.6 22.4 33.6
125 21.2 14.8 22.2

Manual Integrations
APPROVED

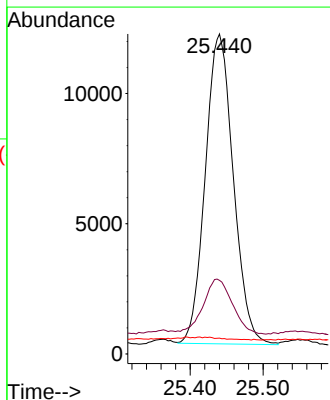
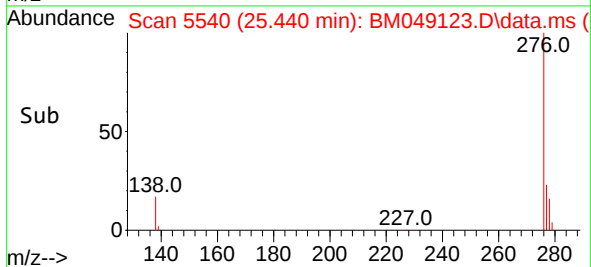
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

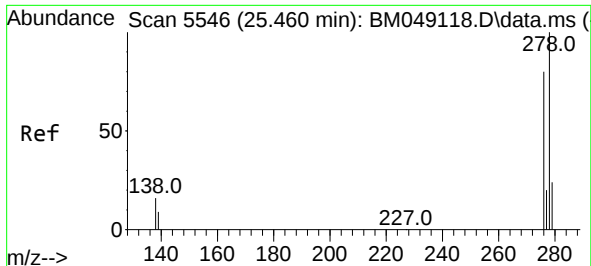


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26



Tgt Ion:276 Resp: 31763
Ion Ratio Lower Upper
276 100
138 18.5 17.4 26.2
227 0.0 0.2 0.2#





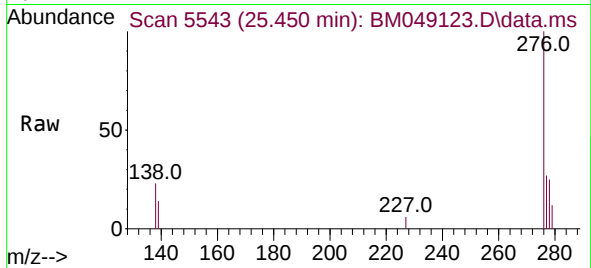
#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26

Instrument :

BNA_M

ClientSampleId :

E28Z5DL

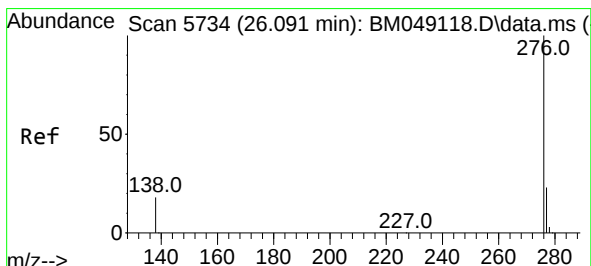
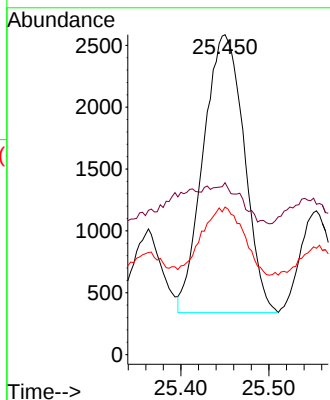
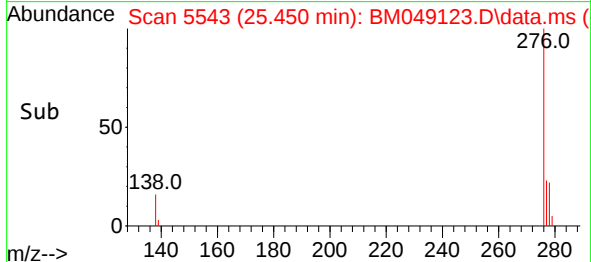


Tgt Ion:278 Resp: 725
Ion Ratio Lower Upper
278 100
139 53.8 13.5 20.3
279 46.1 21.5 32.3

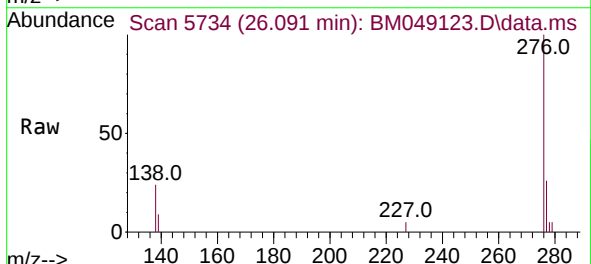
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.228 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049123.D
Acq: 21 Dec 2024 05:26



Tgt Ion:276 Resp: 33870
Ion Ratio Lower Upper
276 100
138 23.9 16.7 25.1
277 26.3 19.9 29.9

