

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049143.D
 Acq On : 23 Dec 2024 13:13
 Operator : RC/JU
 Sample : P5265-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 13:41:59 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	5954	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	17487	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.191	164	9766	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	21110	0.400	ng/ul	-0.01
17) Chrysene-d12	21.137	240	17767	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	17463m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	17715	2.580	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	4943	0.210	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	8735	0.173	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	5273	0.120	ng/ul	96
7) 2-Methylnaphthalene	11.991	142	3879	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.211	142	3076	0.108	ng/ul	99
10) Acenaphthylene	13.909	152	1206	0.030	ng/ul#	74
11) Acenaphthene	14.251	153	9509	0.322	ng/ul	98
12) Fluorene	15.246	166	5194	0.156	ng/ul#	99
15) Phenanthrene	16.980	178	281090	5.098	ng/ul	98
16) Anthracene	17.068	178	14323	0.283	ng/ul	97
19) Fluoranthene	19.001	202	336329	5.236	ng/ul	99
20) Pyrene	19.368	202	277923	4.057	ng/ul	97
21) Benzo(a)anthracene	21.123	228	68745	1.112	ng/ul	99
22) Chrysene	21.175	228	92863	1.400	ng/ul	99
24) Benzo(b)fluoranthene	22.657	252	121691m	2.181	ng/ul	
25) Benzo(k)fluoranthene	22.695	252	44533m	0.727	ng/ul	
26) Benzo(a)pyrene	23.201	252	75972m	1.420	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.427	276	70710	0.934	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.437	278	12500	0.212	ng/ul	93
29) Benzo(g,h,i)perylene	26.078	276	78652	1.292	ng/ul	97

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

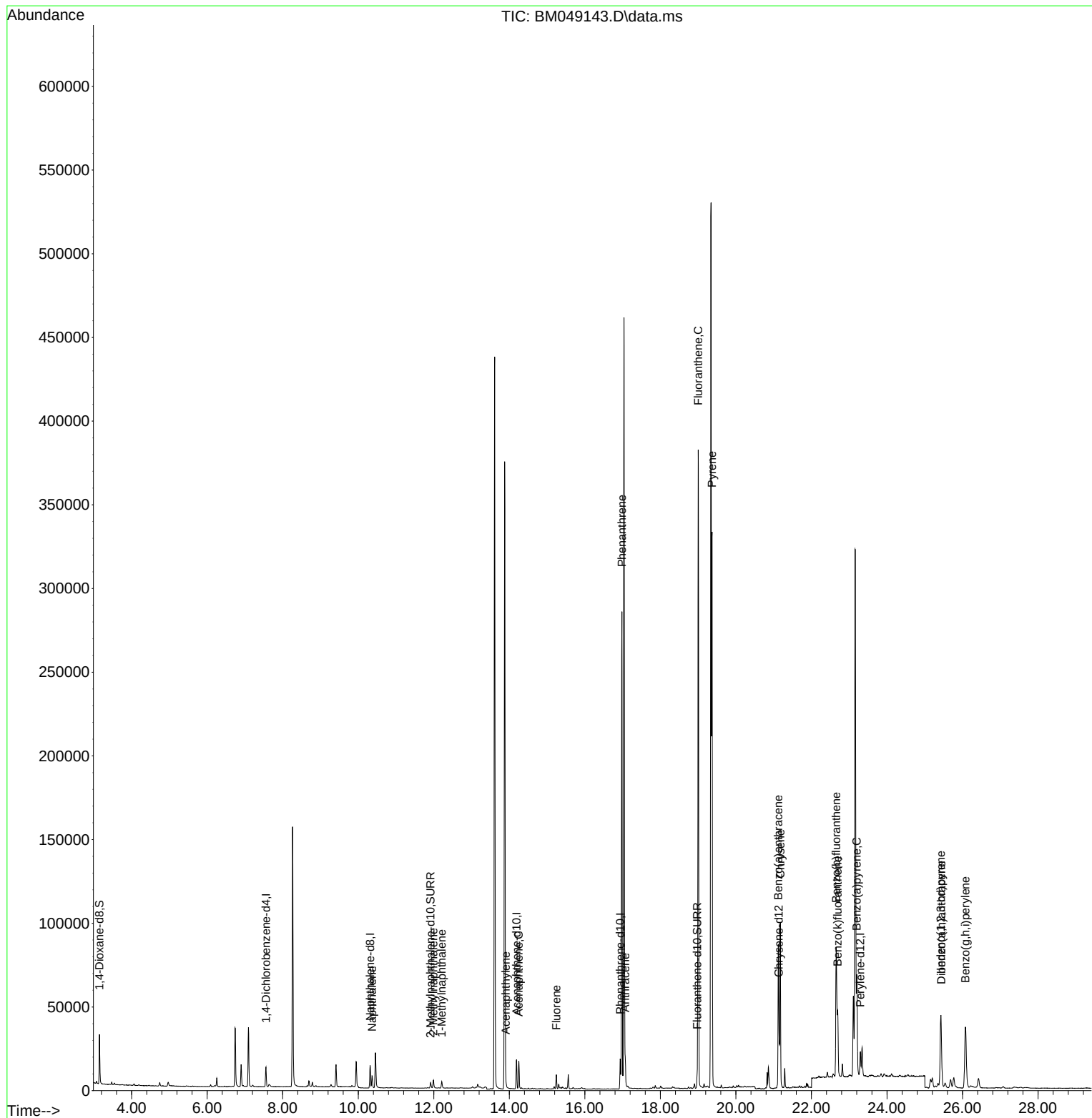
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049143.D
Acq On : 23 Dec 2024 13:13
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Sample : P5265-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

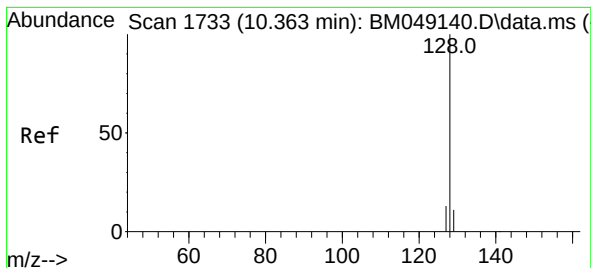
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

Naphthalene

Concen: 0.120 ng/ul

RT: 10.363 min Scan# 1733

Delta R.T. -0.016 min

Lab File: BM049143.D

Acq: 23 Dec 2024 13:13

Instrument :

BNA_M

ClientSampleId :

E28Z3

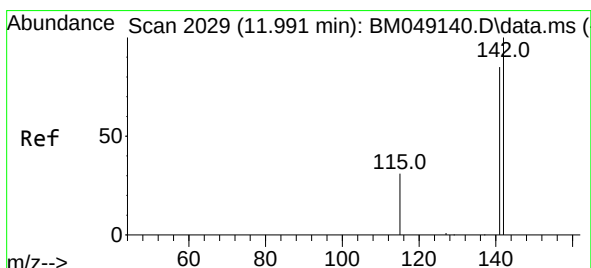
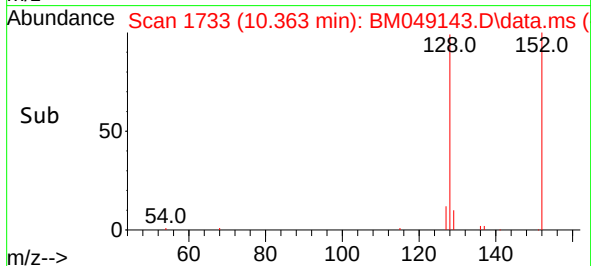
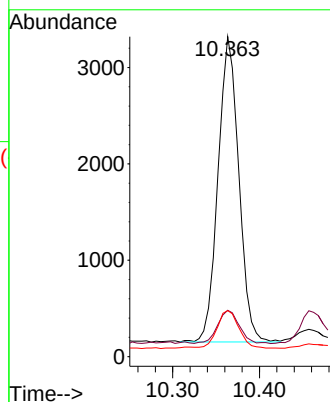
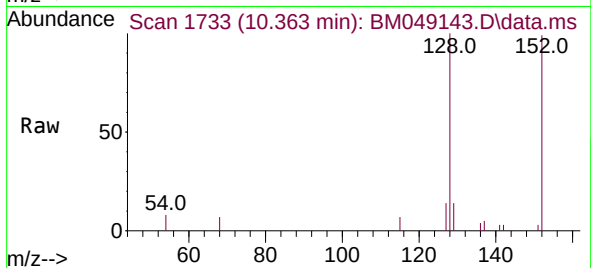
Tgt Ion:128	Resp:	527
Ion Ratio	Lower	Upper
128	100	
129	14.5	9.7 14.5
127	14.4	10.6 16.0

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#7

2-Methylnaphthalene

Concen: 0.140 ng/ul

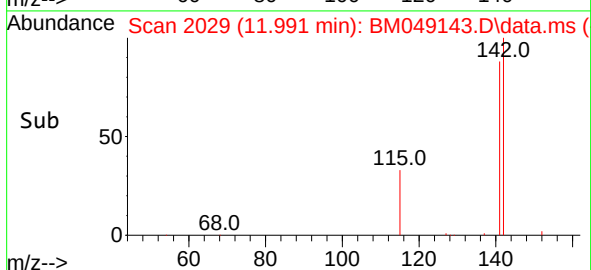
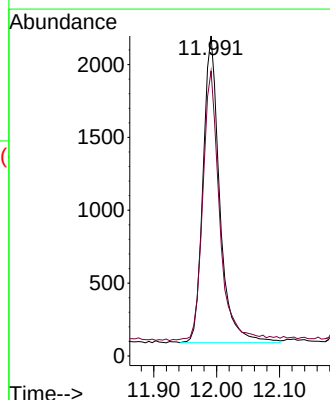
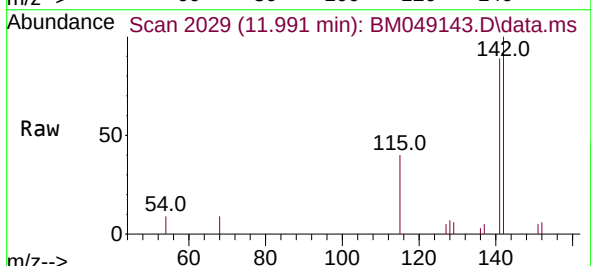
RT: 11.991 min Scan# 2029

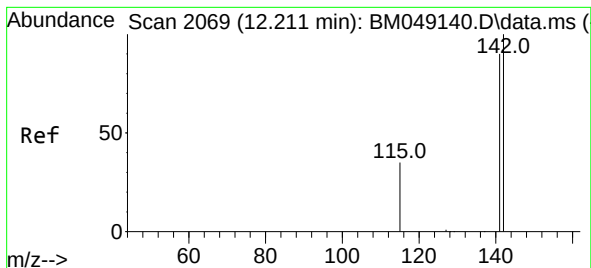
Delta R.T. -0.011 min

Lab File: BM049143.D

Acq: 23 Dec 2024 13:13

Tgt Ion:142	Resp:	3879
Ion Ratio	Lower	Upper
142	100	
141	91.0	71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.108 ng/ul

RT: 12.211 min Scan# 2069

Delta R.T. -0.011 min

Lab File: BM049143.D

Acq: 23 Dec 2024 13:13

Instrument :

BNA_M

ClientSampleId :

E28Z3

Tgt Ion:142 Resp: 3070

Ion Ratio Lower Upper

142 100

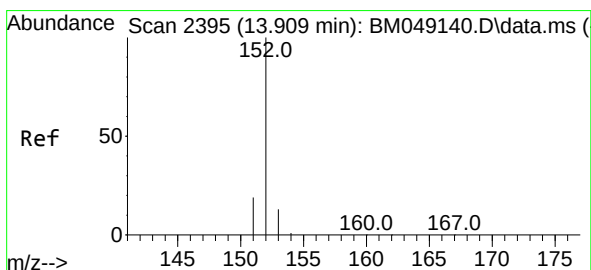
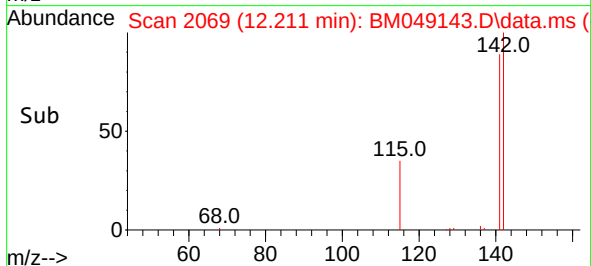
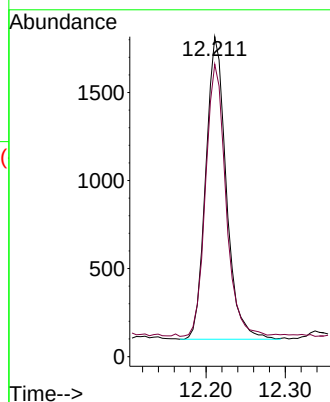
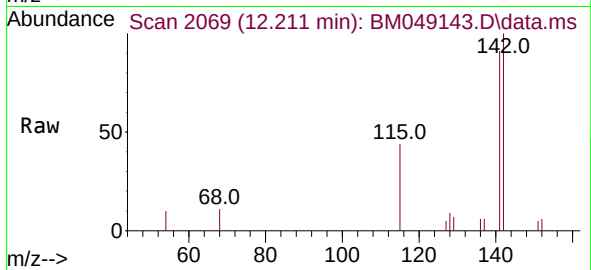
141 90.1 72.7 109.1

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#10

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.909 min Scan# 2395

Delta R.T. -0.009 min

Lab File: BM049143.D

Acq: 23 Dec 2024 13:13

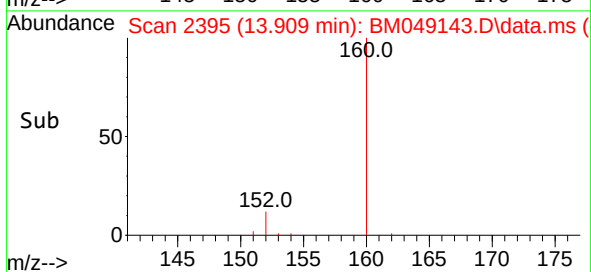
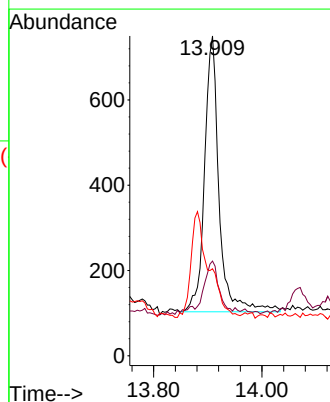
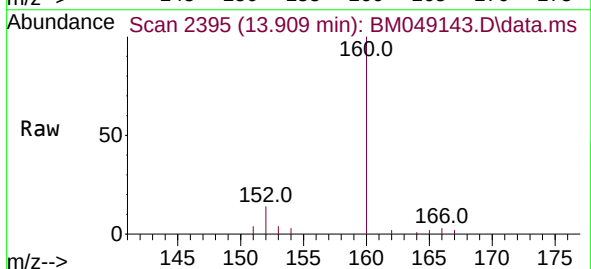
Tgt Ion:152 Resp: 1206

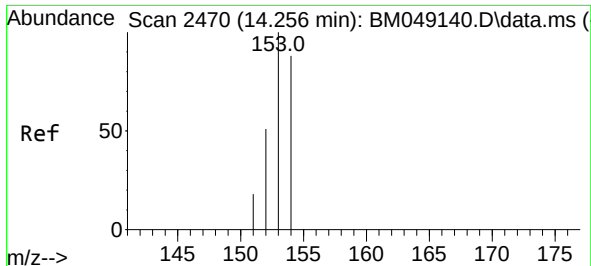
Ion Ratio Lower Upper

152 100

151 29.6 16.0 24.0#

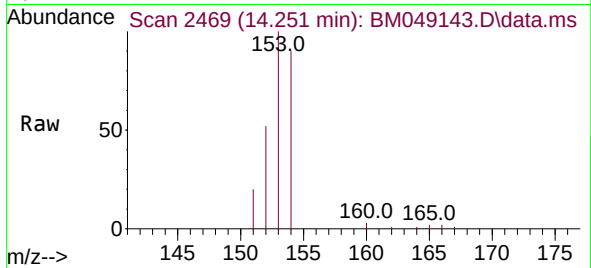
153 27.2 11.0 16.6#





#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.251 min Scan# 2470
Delta R.T. -0.014 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

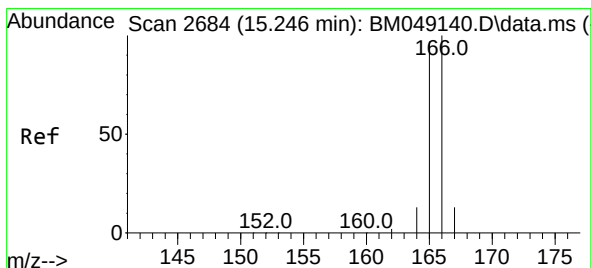
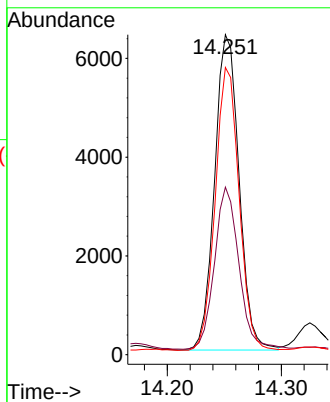
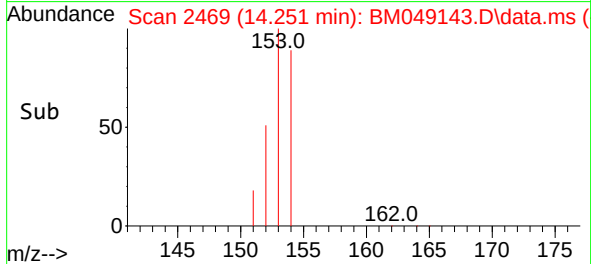
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:153 Resp: 9509
Ion Ratio Lower Upper
153 100
152 52.4 40.7 61.1
154 89.7 70.8 106.2

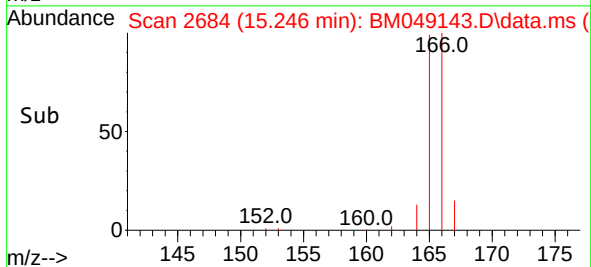
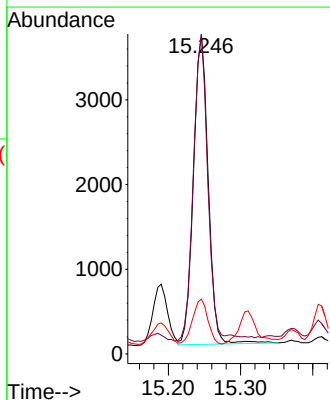
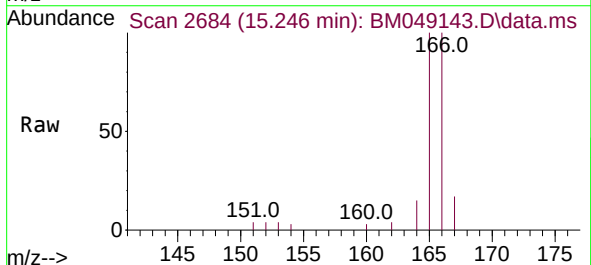
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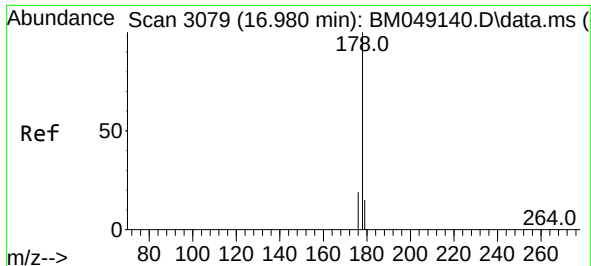
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 0.156 ng/ul
RT: 15.246 min Scan# 2684
Delta R.T. -0.009 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

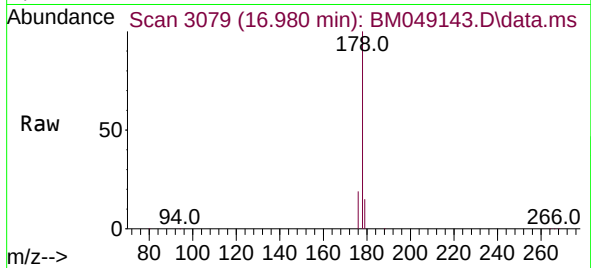
Tgt Ion:166 Resp: 5194
Ion Ratio Lower Upper
166 100
165 100.2 79.7 119.5
167 17.2 11.4 17.0#





#15
Phenanthrene
Concen: 5.098 ng/u1
RT: 16.980 min Scan# 3079
Delta R.T. -0.013 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

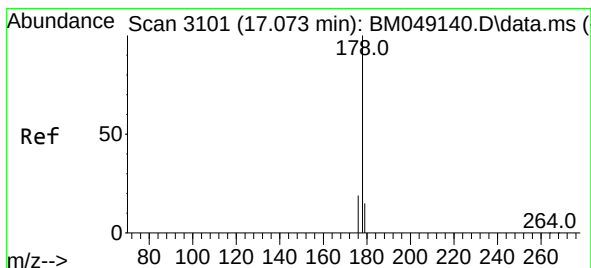
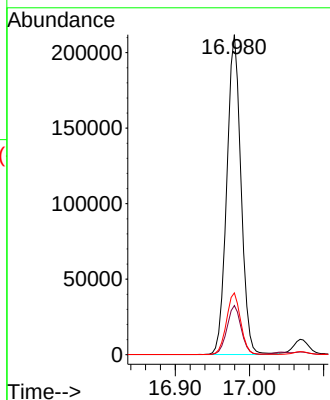
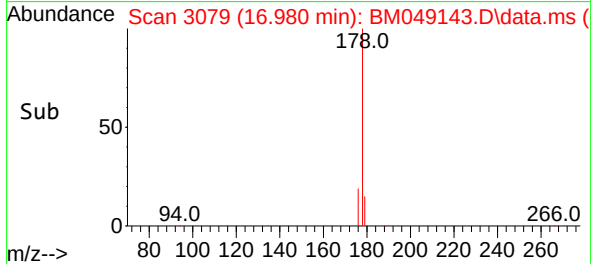
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:178 Resp: 281090
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.3 16.2 24.2

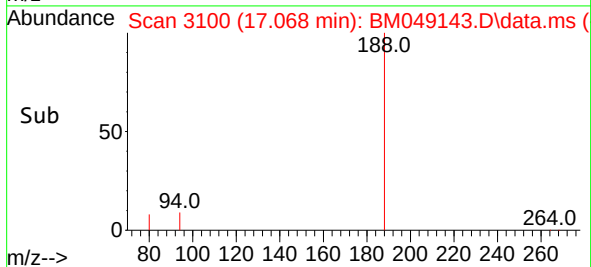
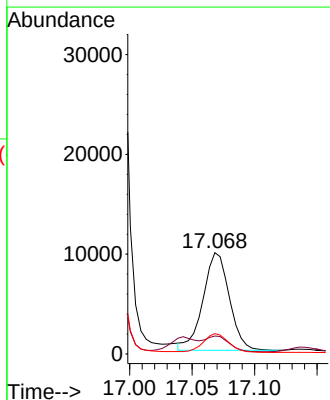
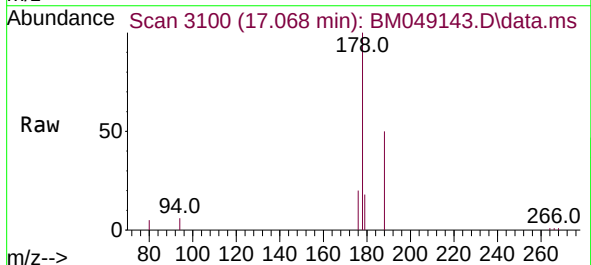
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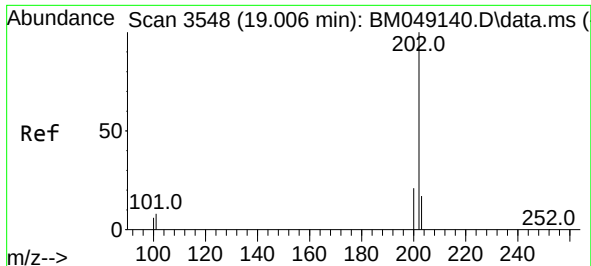
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 0.283 ng/u1
RT: 17.068 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

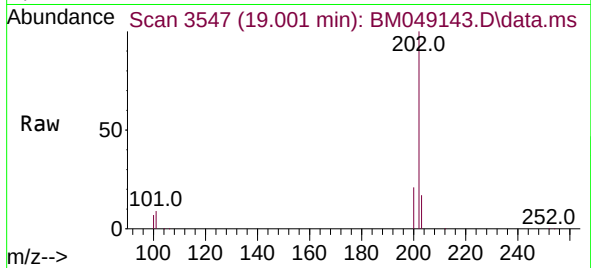
Tgt Ion:178 Resp: 14323
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.1 15.3 22.9





#19
Fluoranthene
Concen: 5.236 ng/u1
RT: 19.001 min Scan# 3547
Delta R.T. -0.014 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

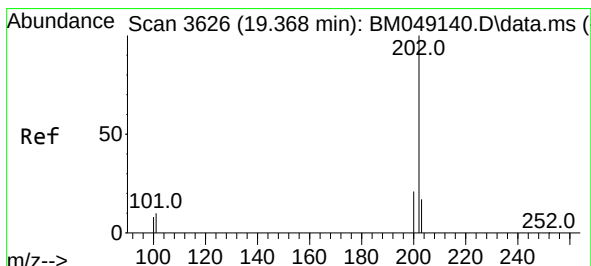
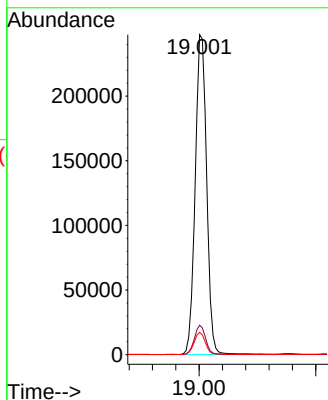
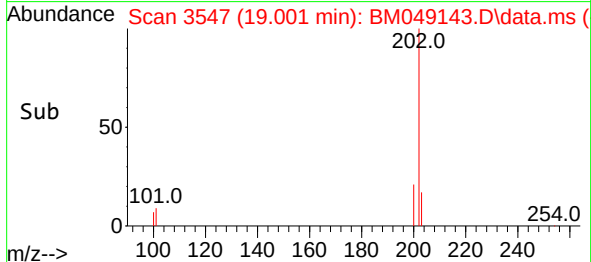
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:202 Resp: 336329
Ion Ratio Lower Upper
202 100
101 9.2 7.6 11.4
100 7.0 5.5 8.3

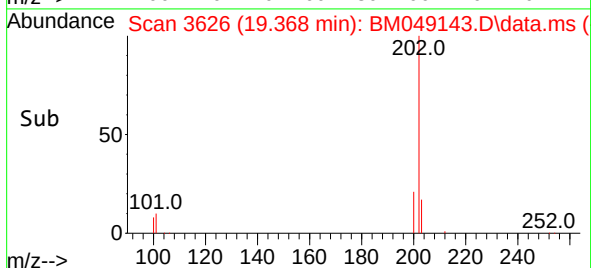
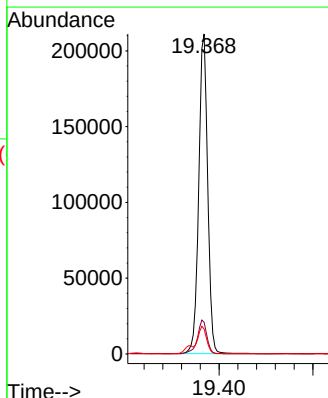
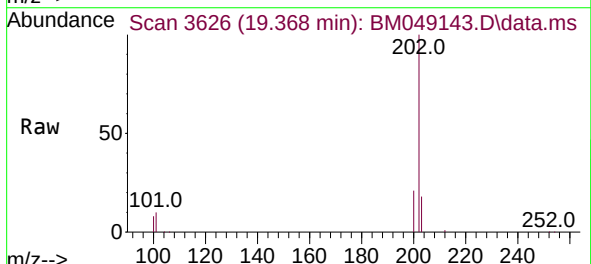
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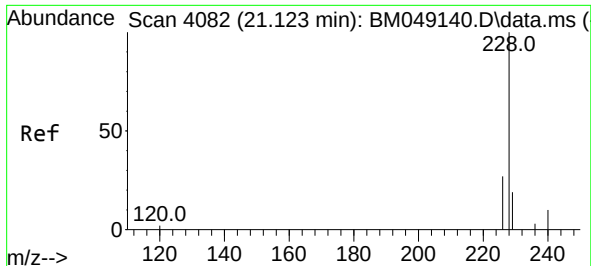
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 4.057 ng/u1
RT: 19.368 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

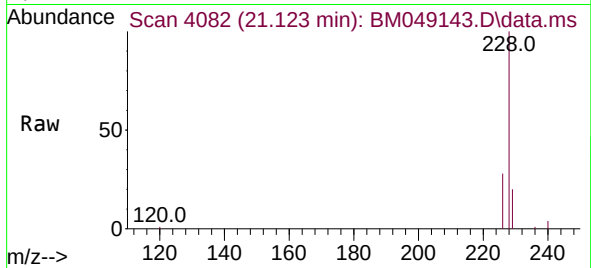
Tgt Ion:202 Resp: 277923
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 7.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.112 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

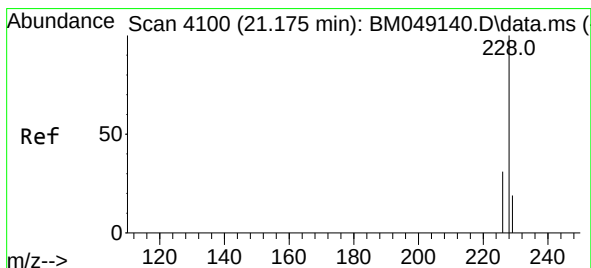
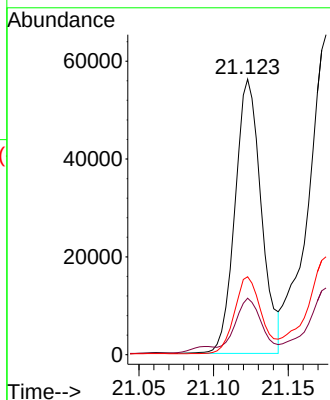
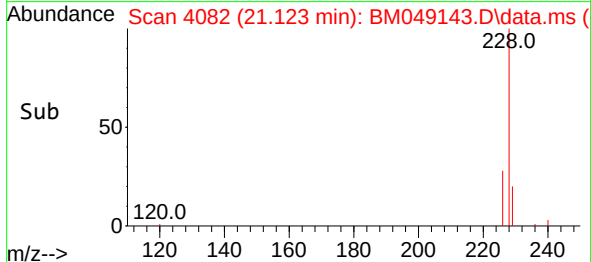
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BNA_M
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E28Z3



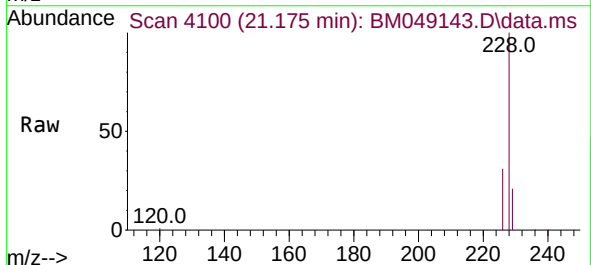
Tgt Ion:228 Resp: 68745
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.3 22.6 34.0

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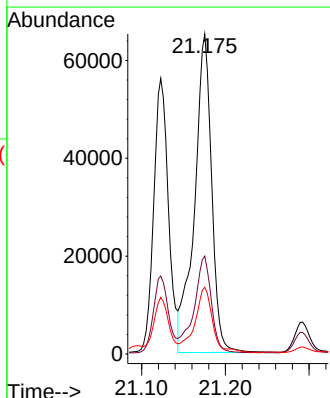
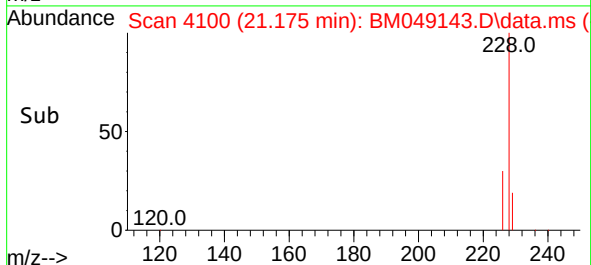
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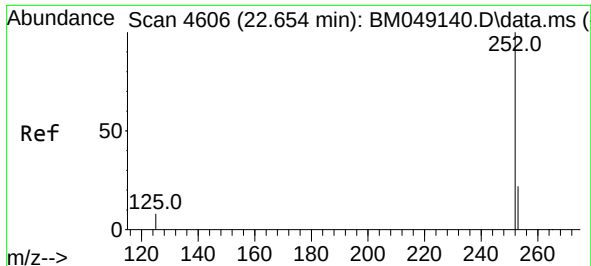


#22
Chrysene
Concen: 1.400 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13



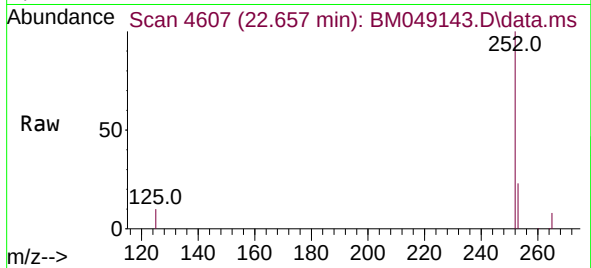
Tgt Ion:228 Resp: 92863
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.9 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.181 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

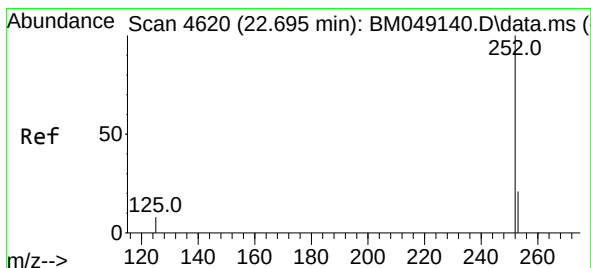
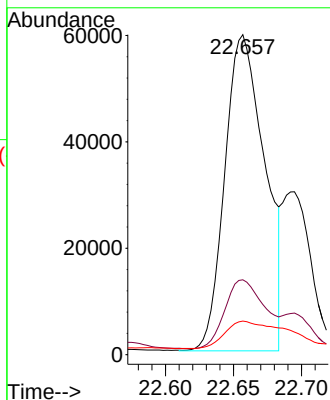
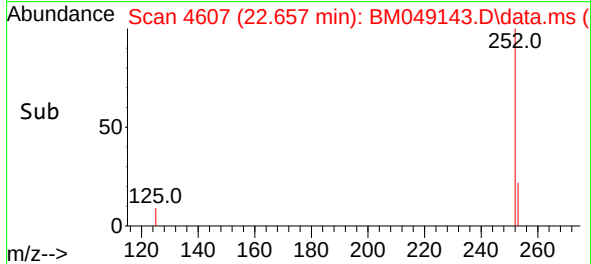
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:252 Resp: 12169
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.6
125 10.5 0.0 30.8

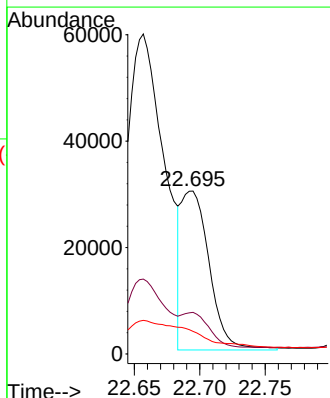
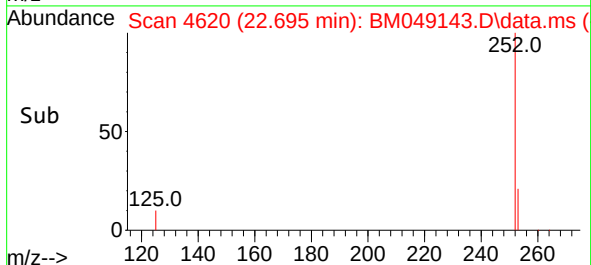
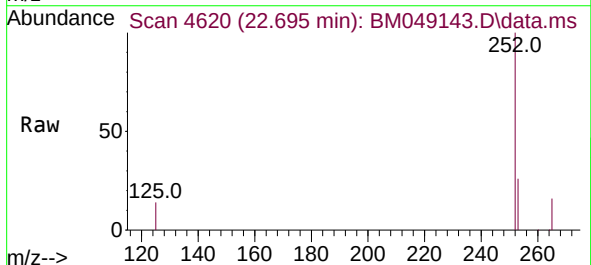
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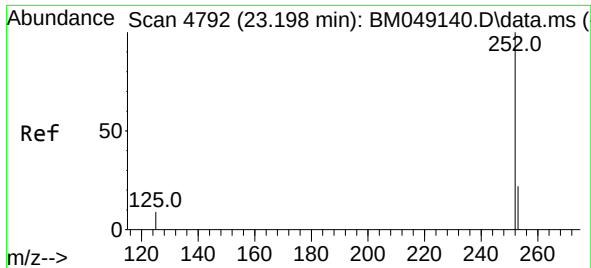
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.727 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

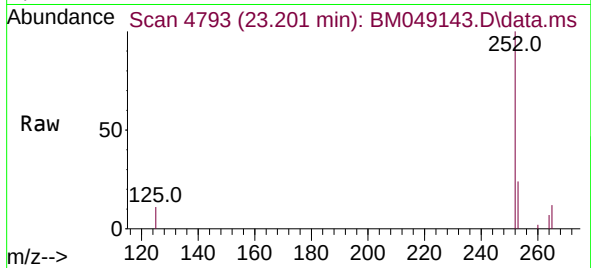
Tgt Ion:252 Resp: 44533
Ion Ratio Lower Upper
252 100
253 25.6 21.3 31.9
125 13.9 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.420 ng/ul m
RT: 23.201 min Scan# 4793
Delta R.T. -0.009 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

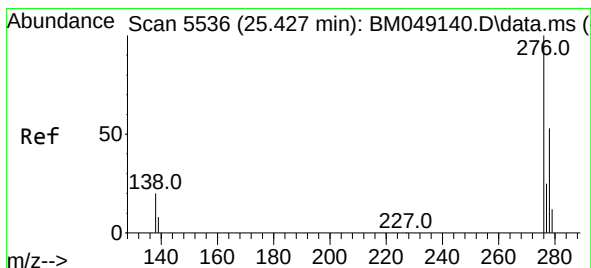
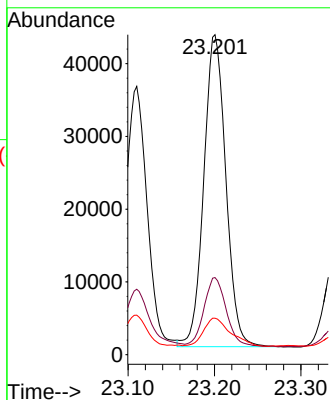
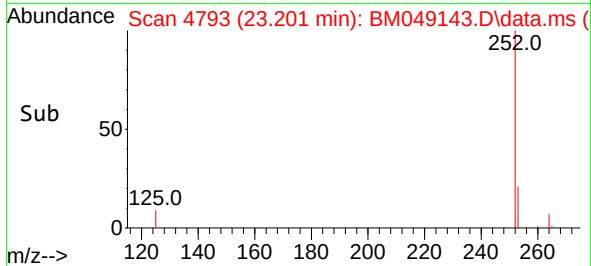
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:252 Resp: 75972
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 11.4 14.8 22.2

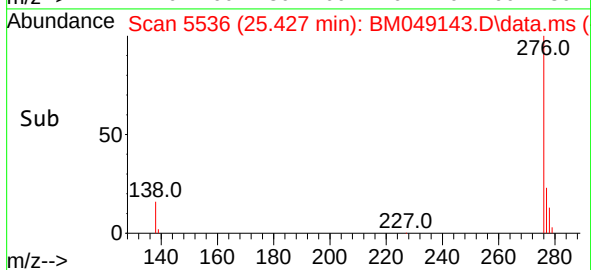
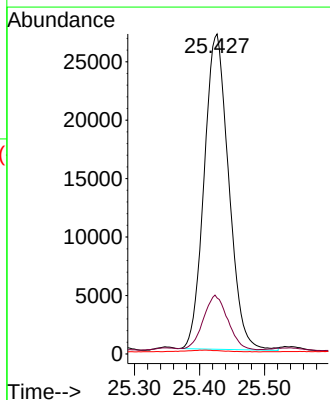
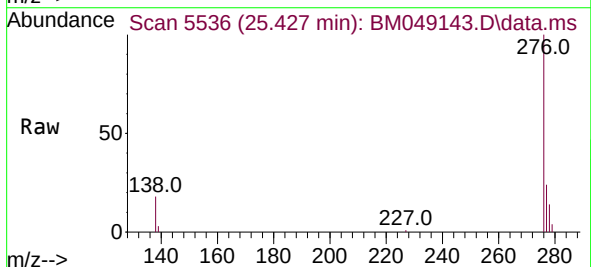
Manual Integrations
APPROVED

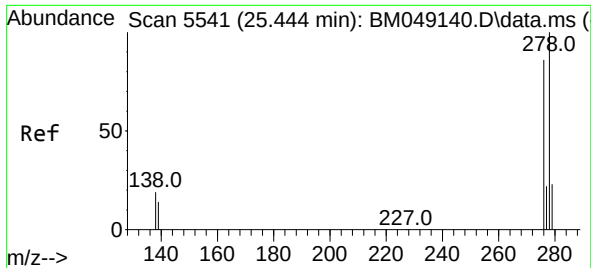
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.934 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

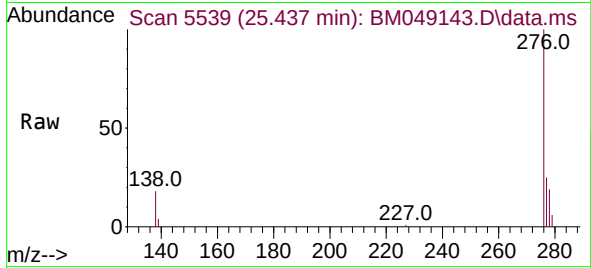
Tgt Ion:276 Resp: 70710
Ion Ratio Lower Upper
276 100
138 17.8 17.4 26.2
227 0.8 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 25.437 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

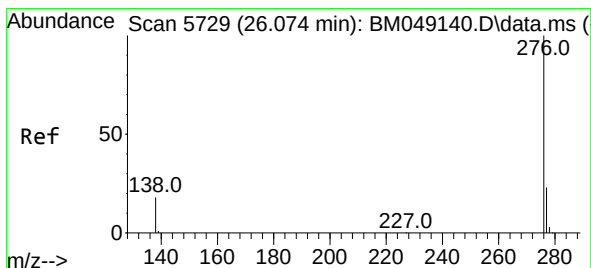
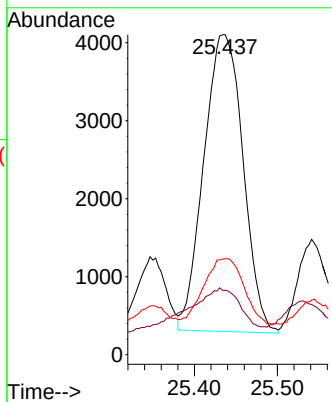
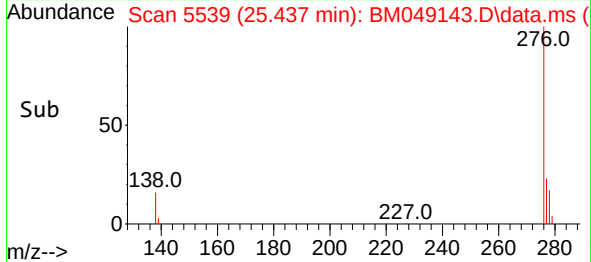
Instrument :
BNA_M
ClientSampleId :
E28Z3



Tgt Ion:278 Resp: 12500
Ion Ratio Lower Upper
278 100
139 20.1 13.5 20.3
279 30.0 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 1.292 ng/ul
RT: 26.078 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049143.D
Acq: 23 Dec 2024 13:13

Tgt Ion:276 Resp: 78652
Ion Ratio Lower Upper
276 100
138 18.6 16.7 25.1
277 24.1 19.9 29.9

