

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049179.D
 Acq On : 24 Dec 2024 11:45
 Operator : RC/JU
 Sample : P5333-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2907

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 21:39:53 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	7.548	152	6770	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	20325	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	11356	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.933	188	26620m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	22162m	0.400	ng/ul	-0.01
23) Perylene-d12	23.291	264	21779m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	41855	5.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	8869	0.325	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	17013m	0.271	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	31031	0.610	ng/ul	99
7) 2-Methylnaphthalene	11.985	142	15418	0.478	ng/ul	98
8) 1-Methylnaphthalene	12.205	142	11318	0.343	ng/ul	99
10) Acenaphthylene	13.904	152	5864	0.125	ng/ul#	92
11) Acenaphthene	14.246	153	36072	1.050	ng/ul	99
12) Fluorene	15.241	166	32716	0.844	ng/ul	99
15) Phenanthrene	16.975	178	952257m	13.696	ng/ul	
16) Anthracene	17.068	178	67472m	1.057	ng/ul	
19) Fluoranthene	19.001	202	1209947m	15.100	ng/ul	
20) Pyrene	19.363	202	899304m	10.524	ng/ul	
21) Benzo(a)anthracene	21.120	228	366035m	4.748	ng/ul	
22) Chrysene	21.169	228	446318m	5.395	ng/ul	
24) Benzo(b)fluoranthene	22.651	252	552373m	7.939	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	198591m	2.601	ng/ul	
26) Benzo(a)pyrene	23.198	252	299288m	4.485	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.424	276	251493m	2.663	ng/ul	
28) Dibenzo(a,h)anthracene	25.430	278	61743m	0.842	ng/ul	
29) Benzo(g,h,i)perylene	26.071	276	243259m	3.203	ng/ul	

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

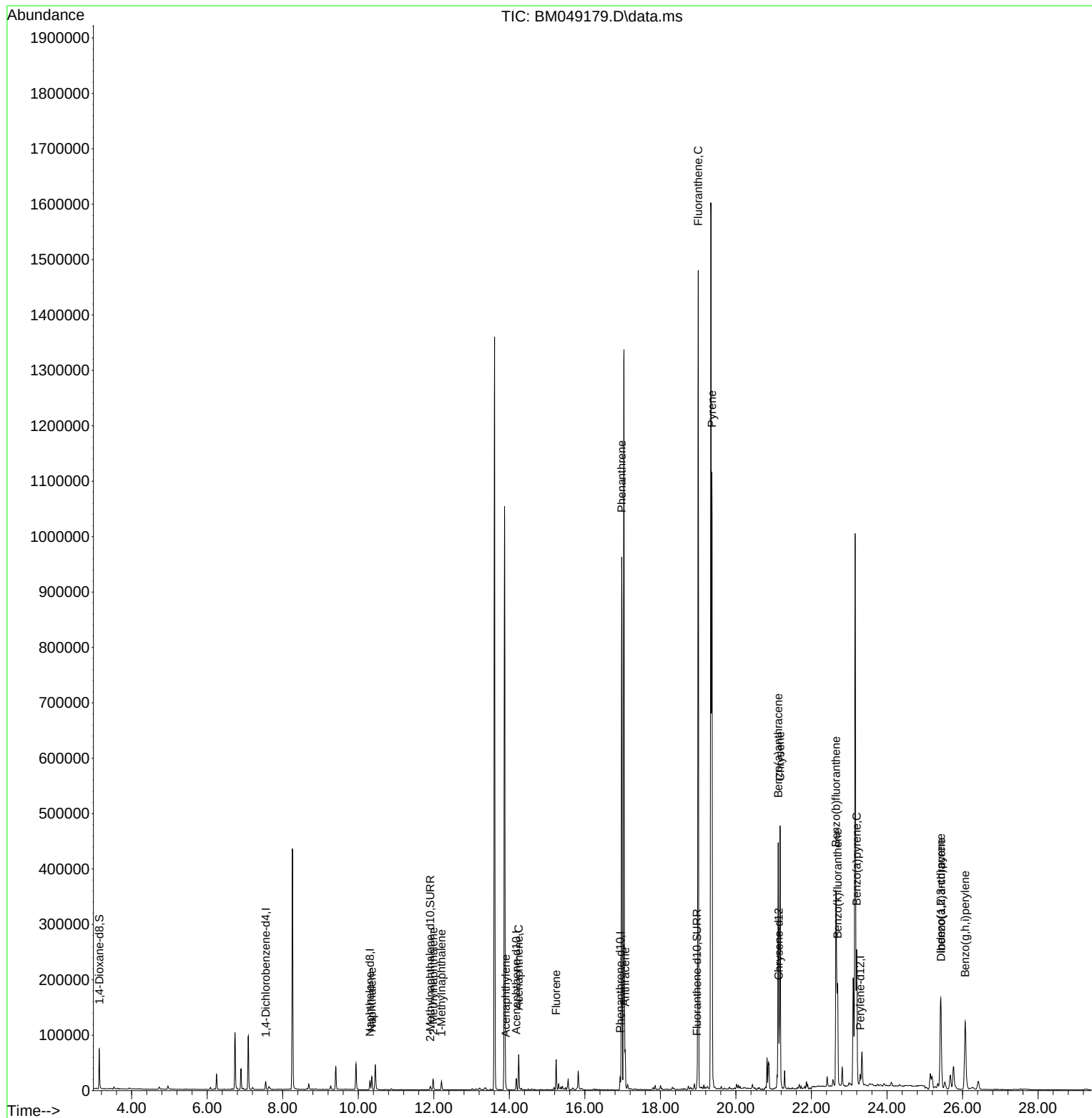
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049179.D
Acq On : 24 Dec 2024 11:45
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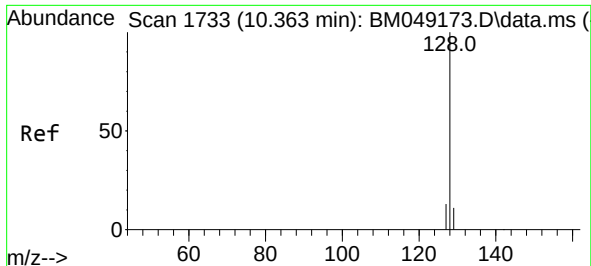
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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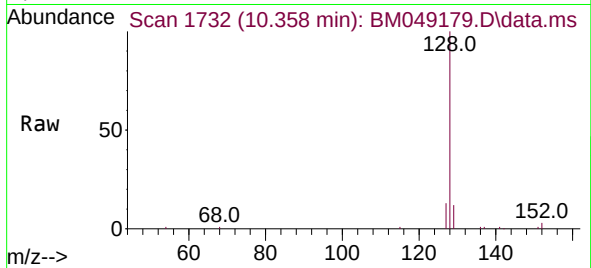
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024





#5
Naphthalene
Concen: 0.610 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.022 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

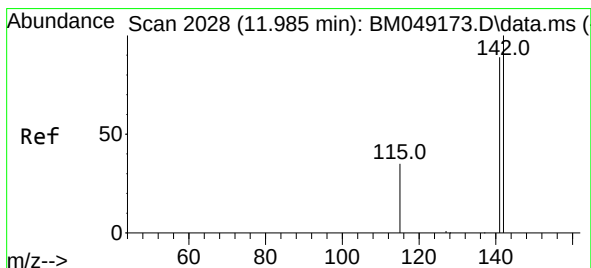
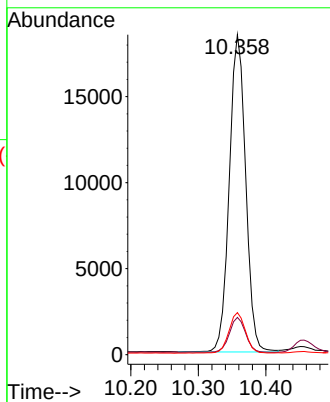
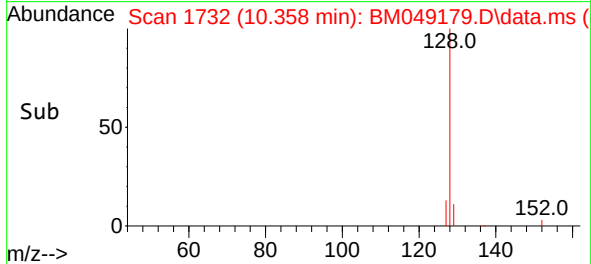
Instrument :
BNA_M
ClientSampleId :
E2907



Tgt Ion:128 Resp: 3103
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.2 10.6 16.0

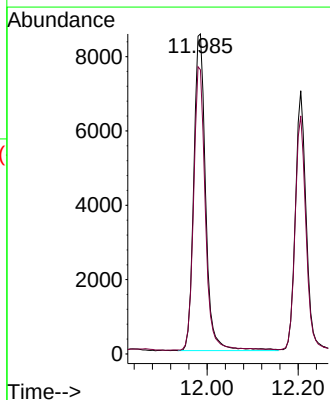
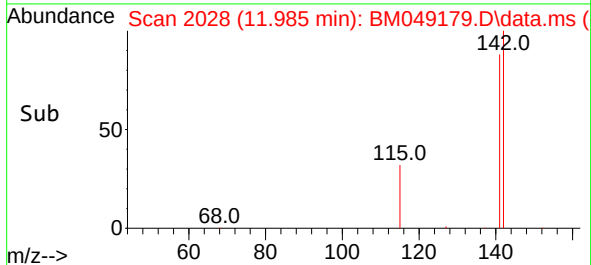
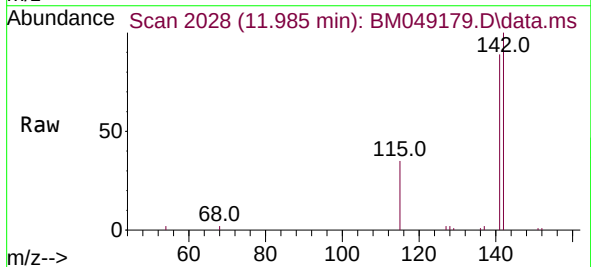
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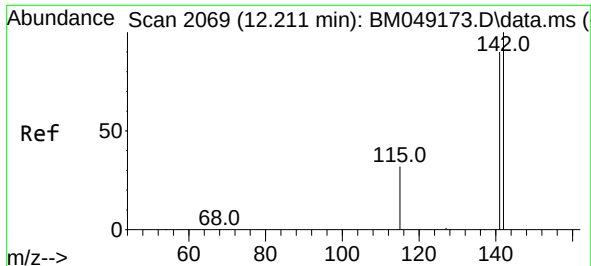
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 11.985 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

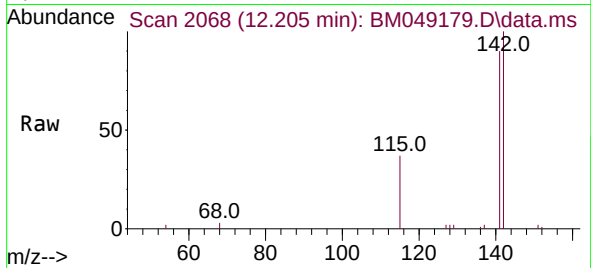
Tgt Ion:142 Resp: 15418
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

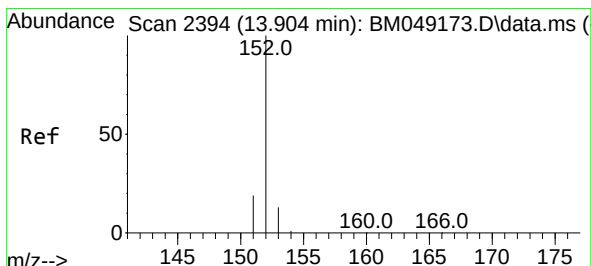
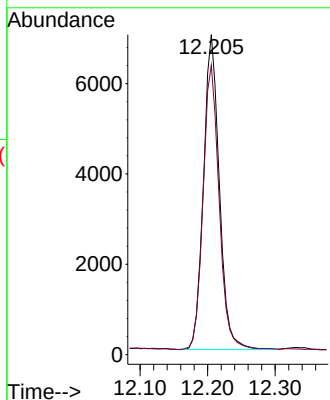
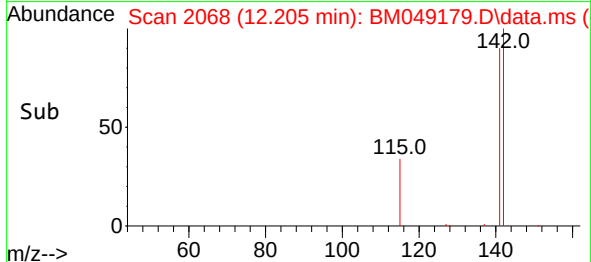
Instrument :
BNA_M
ClientSampleId :
E2907



Tgt Ion:142 Resp: 11318
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1

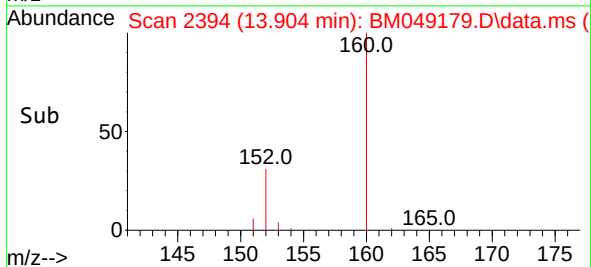
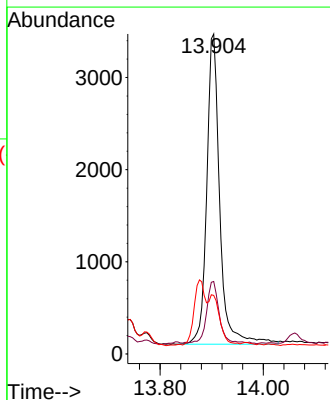
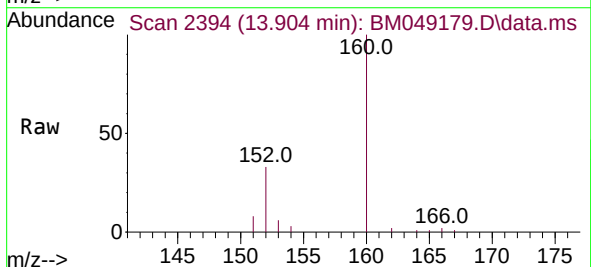
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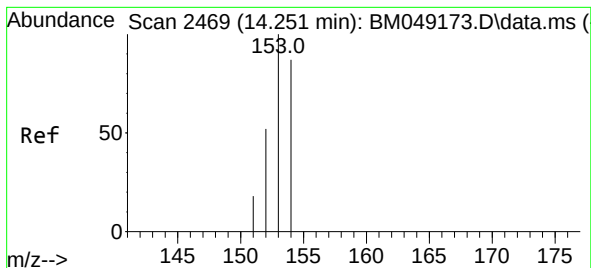
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.125 ng/ul
RT: 13.904 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

Tgt Ion:152 Resp: 5864
Ion Ratio Lower Upper
152 100
151 22.7 16.0 24.0
153 18.3 11.0 16.6#





#11

Acenaphthene

Concen: 1.050 ng/ul

RT: 14.246 min Scan# 2469

Delta R.T. -0.019 min

Lab File: BM049179.D

Acq: 24 Dec 2024 11:45

Instrument :

BNA_M

ClientSampleId :

E2907

Tgt Ion:153 Resp: 36072

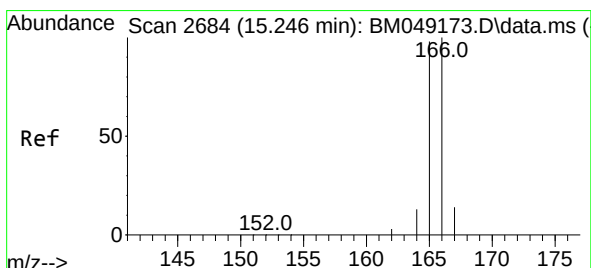
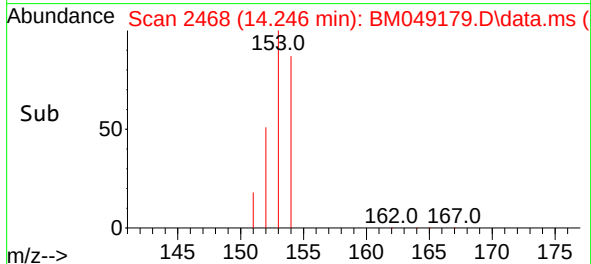
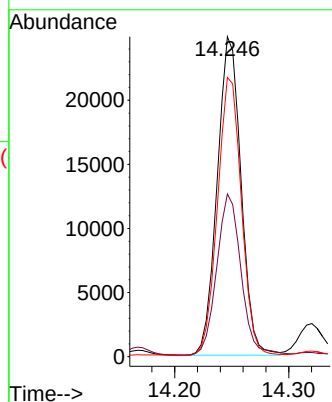
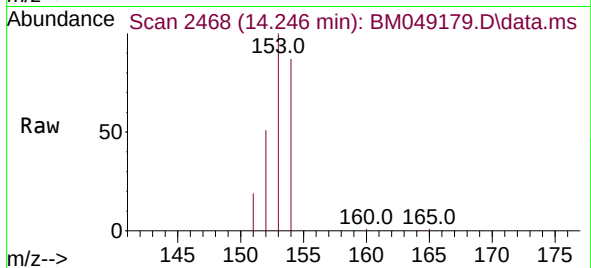
Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.7	61.1
154	87.3	70.8	106.2

Manual Integrations

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#12

Fluorene

Concen: 0.844 ng/ul

RT: 15.241 min Scan# 2683

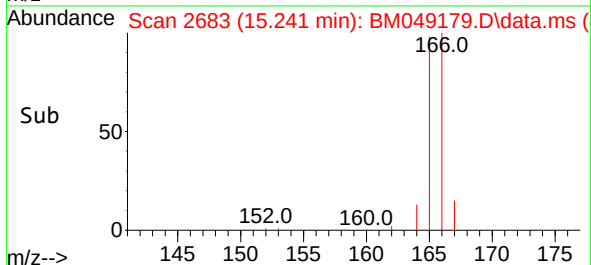
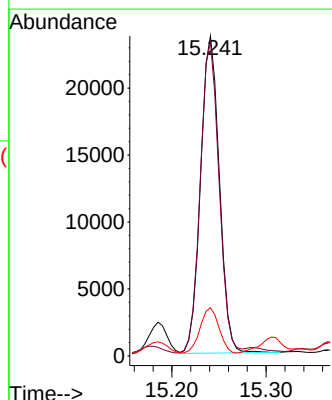
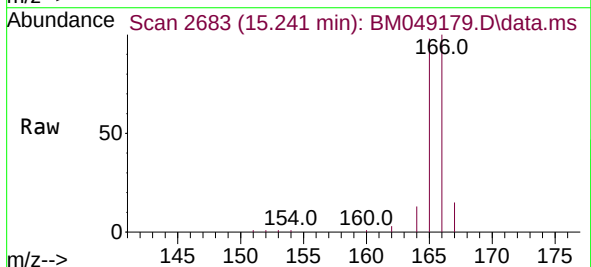
Delta R.T. -0.014 min

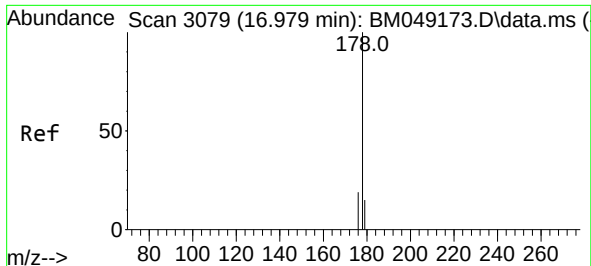
Lab File: BM049179.D

Acq: 24 Dec 2024 11:45

Tgt Ion:166 Resp: 32716

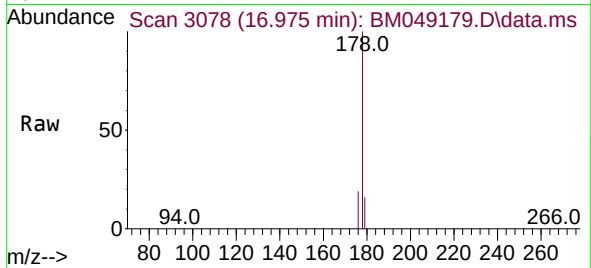
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	15.1	11.4	17.0





#15
Phenanthrene
Concen: 13.696 ng/ul m
RT: 16.975 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

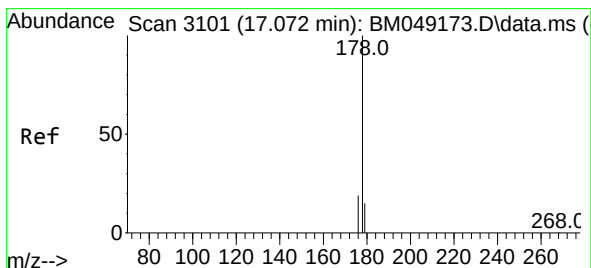
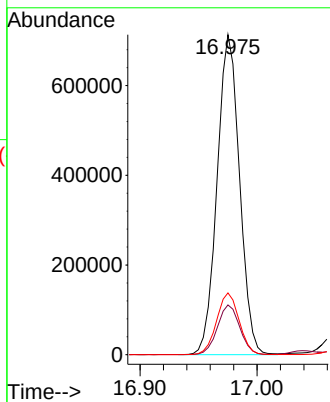
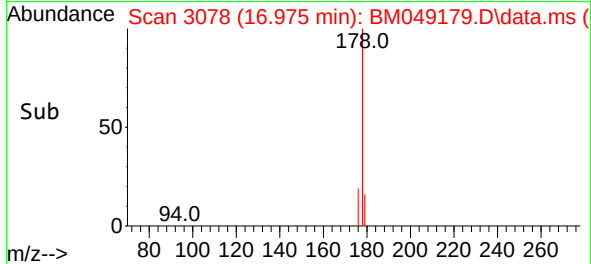
Instrument :
BNA_M
ClientSampleId :
E2907



Tgt Ion:178 Resp: 95225
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 16.2 24.2

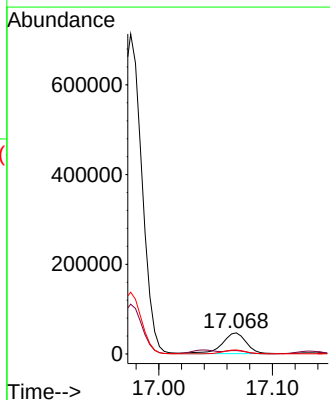
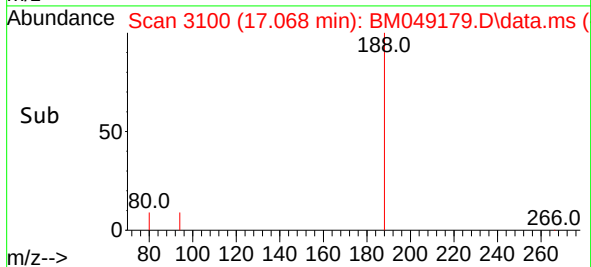
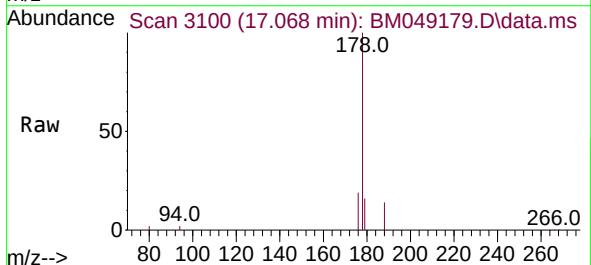
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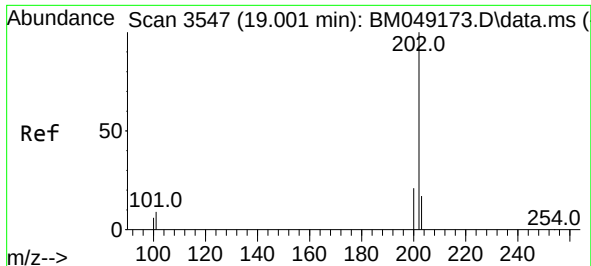
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 1.057 ng/ul m
RT: 17.068 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

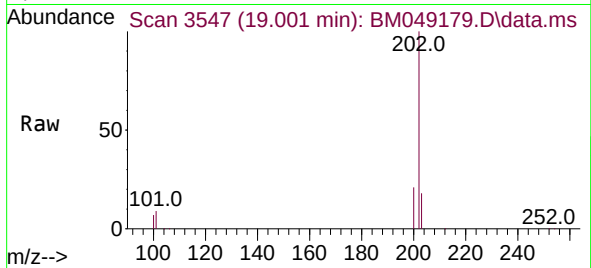
Tgt Ion:178 Resp: 67472
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 15.100 ng/ul m
RT: 19.001 min Scan# 3547
Delta R.T. -0.014 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

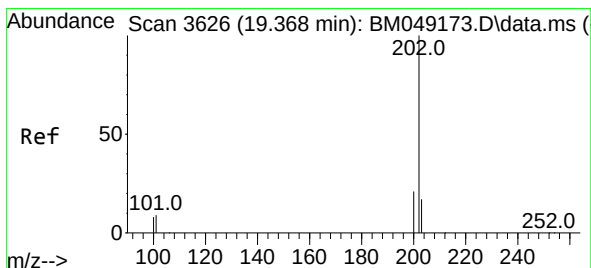
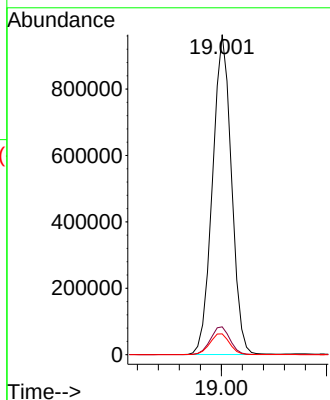
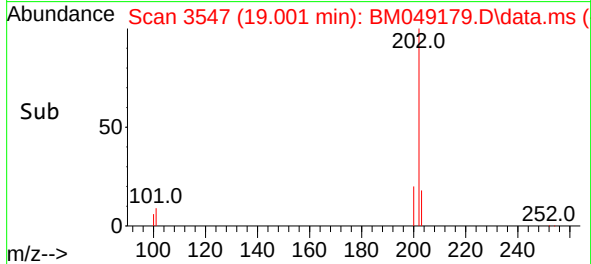
Instrument :
BNA_M
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E2907



Tgt Ion:202 Resp: 120994
Ion Ratio Lower Upper
202 100
101 8.7 7.6 11.4
100 6.5 5.5 8.3

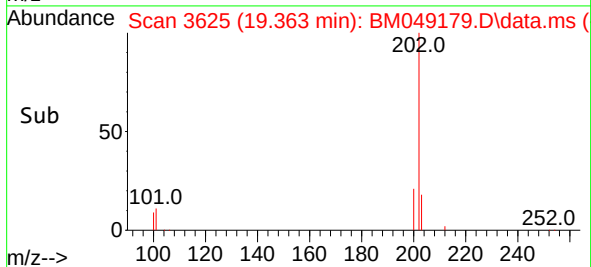
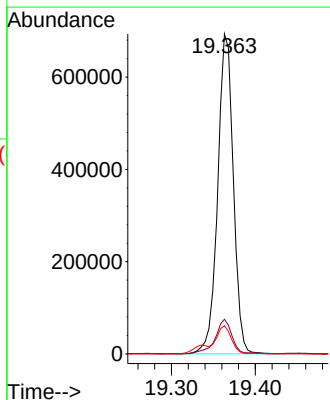
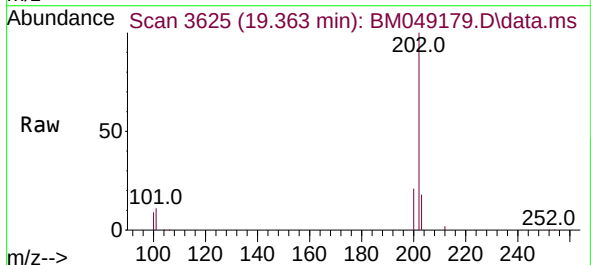
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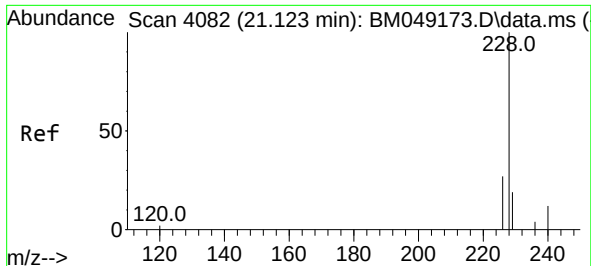
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 10.524 ng/ul m
RT: 19.363 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

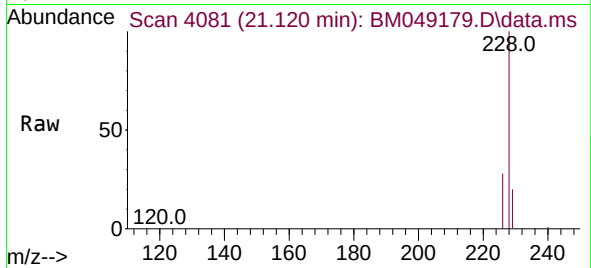
Tgt Ion:202 Resp: 899304
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 4.748 ng/ul m
RT: 21.120 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

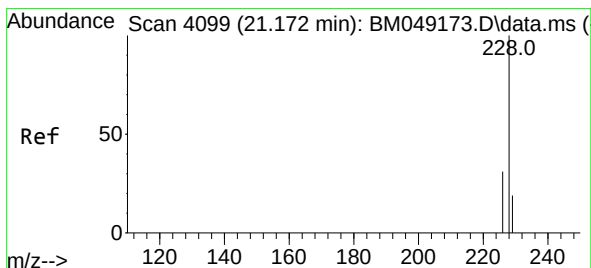
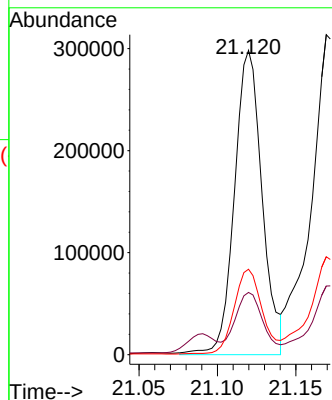
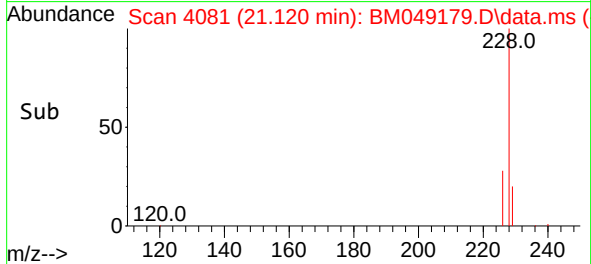
Instrument :
BNA_M
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E2907



Tgt Ion:228 Resp: 366035
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.1 22.6 34.0

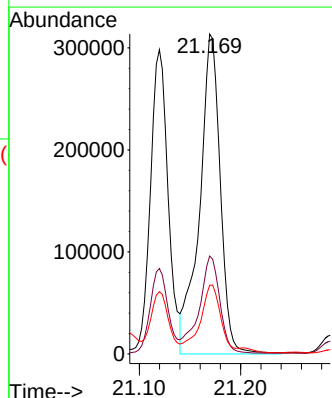
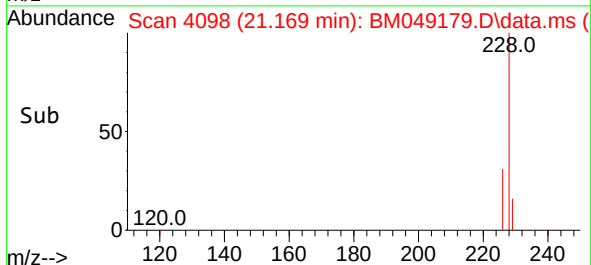
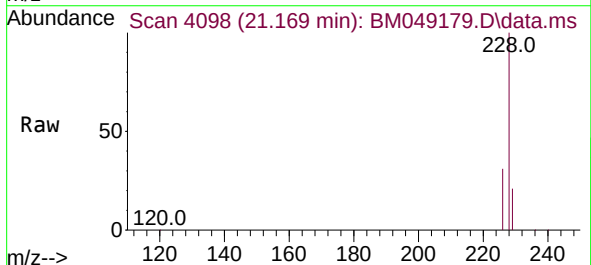
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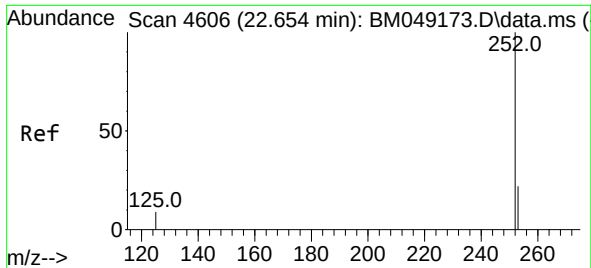
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 5.395 ng/ul m
RT: 21.169 min Scan# 4098
Delta R.T. -0.015 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

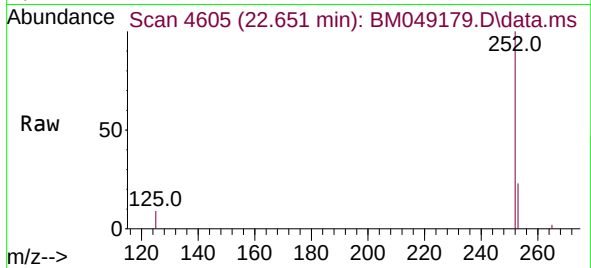
Tgt Ion:228 Resp: 446318
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 7.939 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

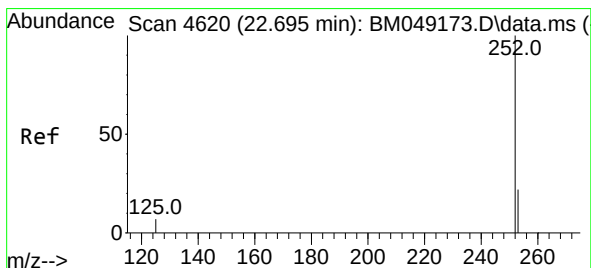
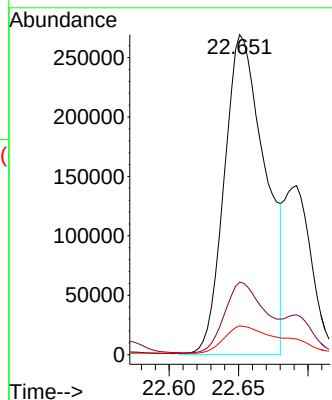
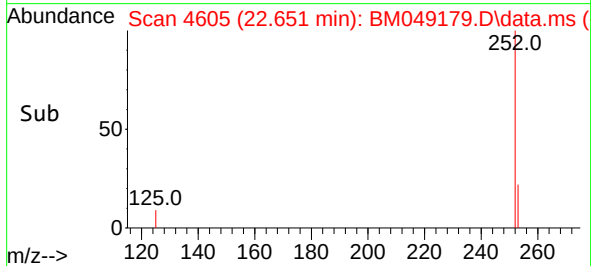
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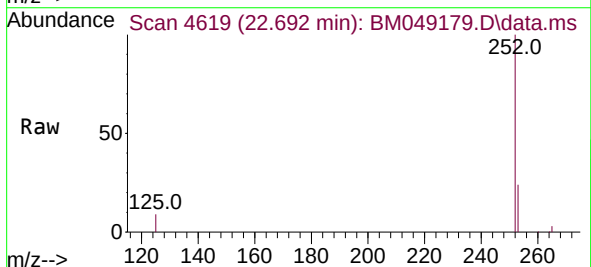
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Ion Ratio Lower Upper
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253 22.6 0.0 52.6
125 9.0 0.0 30.8

Manual Integrations
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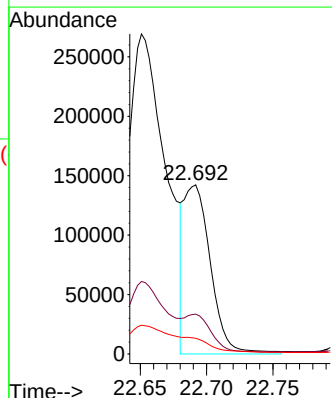
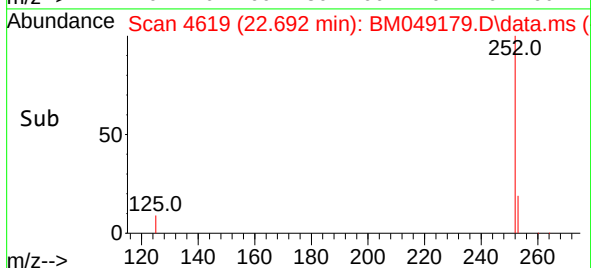
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

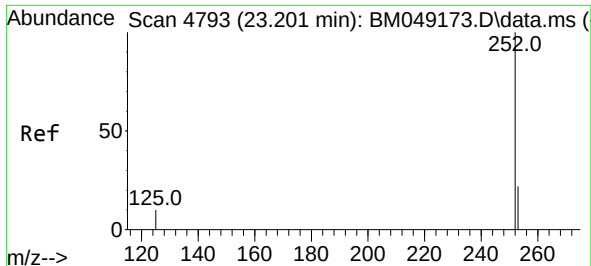


#25
Benzo(k)fluoranthene
Concen: 2.601 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45



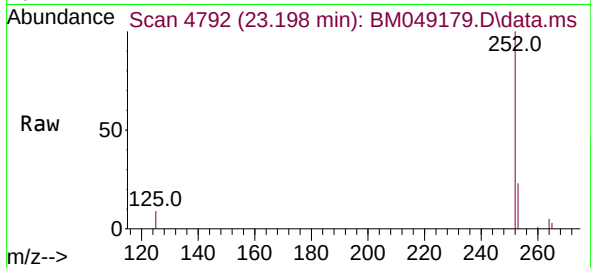
Tgt Ion:252 Resp: 198591
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 9.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 4.485 ng/ul m
RT: 23.198 min Scan# 4792
Delta R.T. -0.012 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

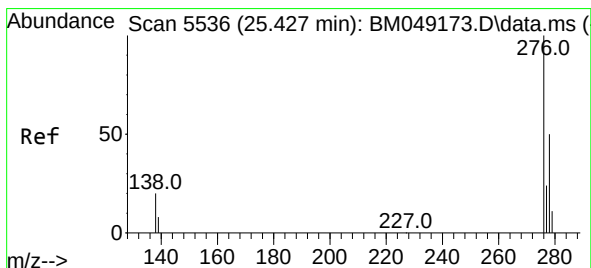
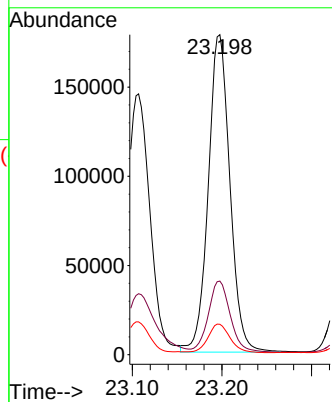
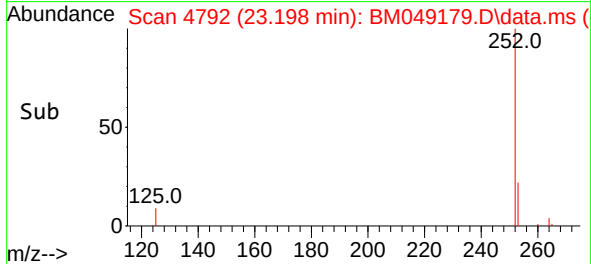
Instrument :
BNA_M
ClientSampleId :
E2907



Tgt Ion:252 Resp: 299288
Ion Ratio Lower Upper
252 100
253 23.0 22.4 33.6
125 9.5 14.8 22.2

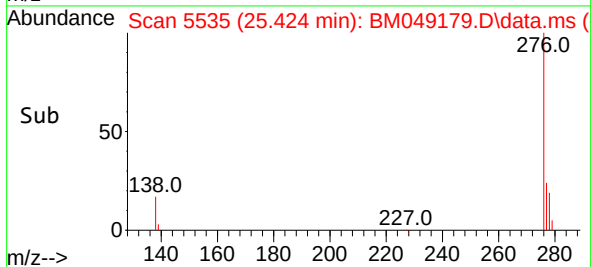
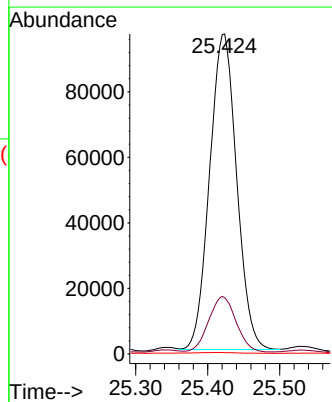
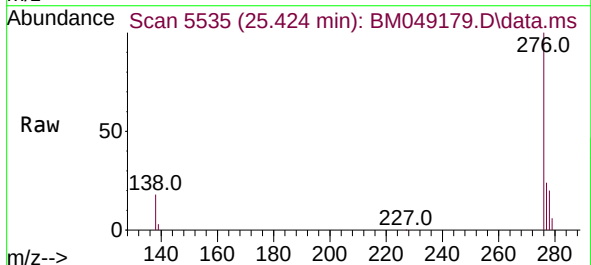
Manual Integrations
APPROVED

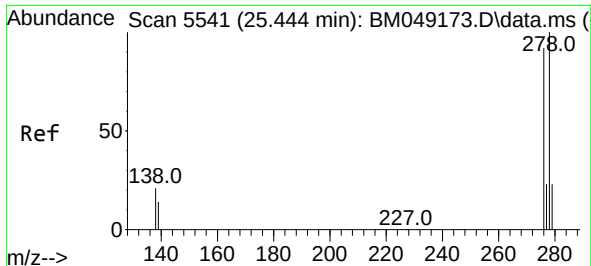
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.663 ng/ul m
RT: 25.424 min Scan# 5535
Delta R.T. -0.024 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

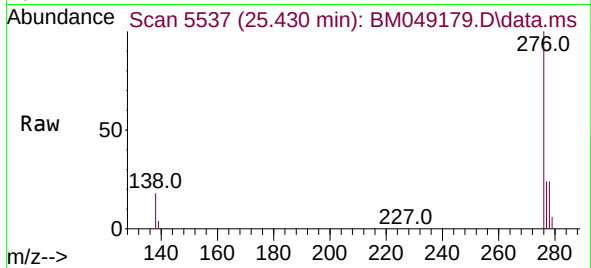
Tgt Ion:276 Resp: 251493
Ion Ratio Lower Upper
276 100
138 1.6 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.842 ng/ul m
RT: 25.430 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

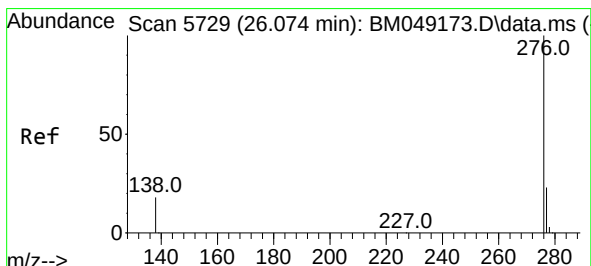
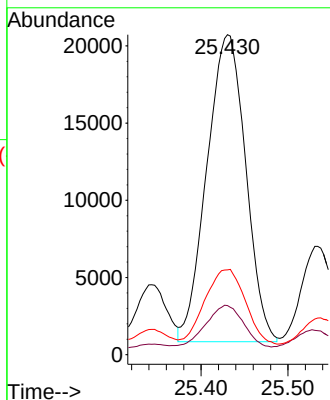
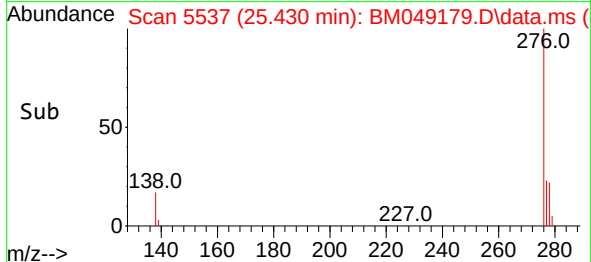
Instrument :
BNA_M
ClientSampleId :
E2907



Tgt Ion:278 Resp: 6174
Ion Ratio Lower Upper
278 100
139 15.4 13.5 20.3
279 26.5 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 3.203 ng/ul m
RT: 26.071 min Scan# 5728
Delta R.T. -0.024 min
Lab File: BM049179.D
Acq: 24 Dec 2024 11:45

Tgt Ion:276 Resp: 243259
Ion Ratio Lower Upper
276 100
138 18.4 16.7 25.1
277 23.7 19.9 29.9

