

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049180.D
 Acq On : 24 Dec 2024 12:21
 Operator : RC/JU
 Sample : P5333-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2912

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 21:40:04 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	7132	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	22563	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.183	164	12909	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	29905	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	25851	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	24350m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25434	3.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	5173	0.171	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	9513	0.130	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	17417	0.308	ng/ul	97
7) 2-Methylnaphthalene	11.981	142	10572	0.295	ng/ul	95
8) 1-Methylnaphthalene	12.207	142	8673	0.237	ng/ul	99
10) Acenaphthylene	13.905	152	5400	0.101	ng/ul#	58
11) Acenaphthene	14.248	153	11648	0.298	ng/ul	100
12) Fluorene	15.242	166	12876	0.292	ng/ul#	97
15) Phenanthrene	16.976	178	427823	5.477	ng/ul	98
16) Anthracene	17.065	178	30268	0.422	ng/ul	98
19) Fluoranthene	19.002	202	504353	5.396	ng/ul	98
20) Pyrene	19.364	202	371736	3.729	ng/ul	99
21) Benzo(a)anthracene	21.119	228	149953	1.668	ng/ul	97
22) Chrysene	21.172	228	186904	1.937	ng/ul	97
24) Benzo(b)fluoranthene	22.650	252	202534m	2.603	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	69851m	0.818	ng/ul	
26) Benzo(a)pyrene	23.194	252	109091	1.462	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.423	276	89188	0.845	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.430	278	23094	0.282	ng/ul#	89
29) Benzo(g,h,i)perylene	26.074	276	90577	1.067	ng/ul	99

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

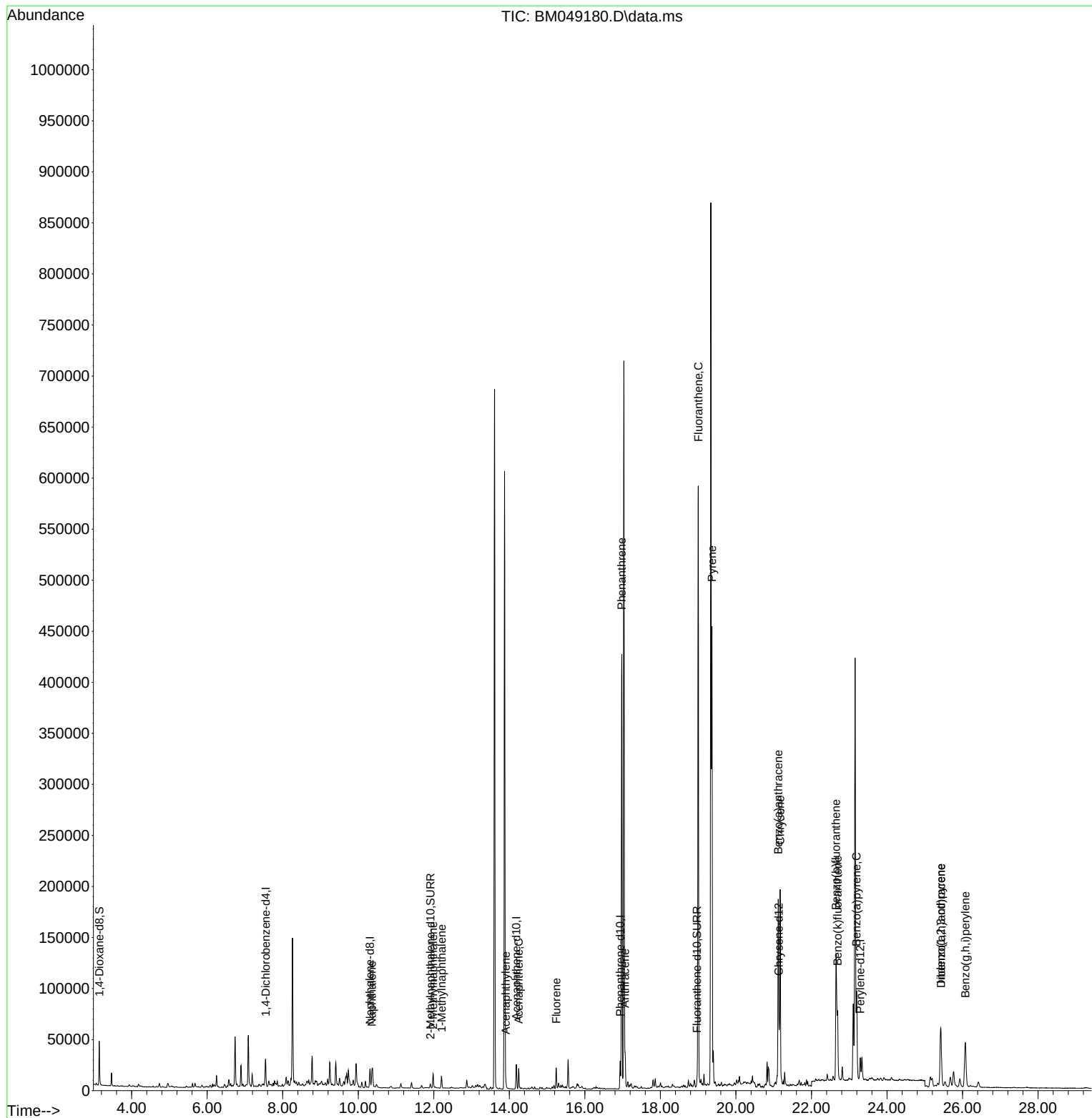
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
Acq On : 24 Dec 2024 12:21
Operator : RC/JU
Sample : P5333-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

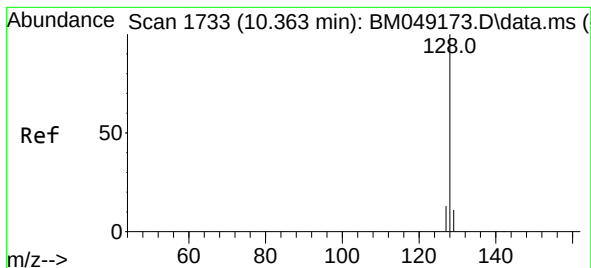
Instrument :
BNA_M
ClientSampleId :
E2912

Manual Integrations
APPROVED

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

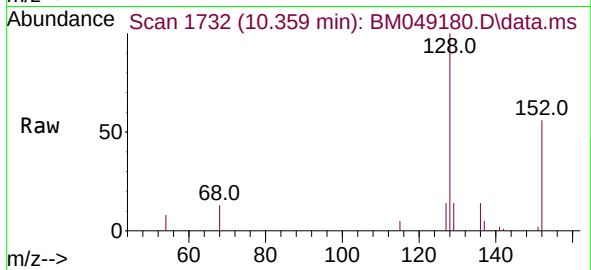
Quant Time: Dec 24 21:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

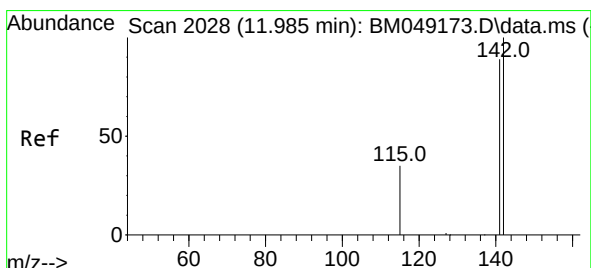
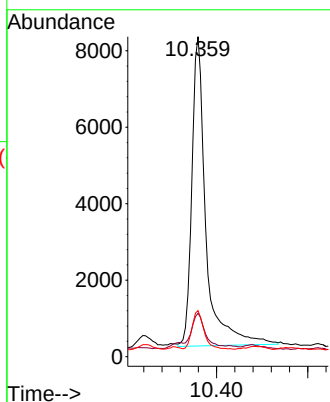
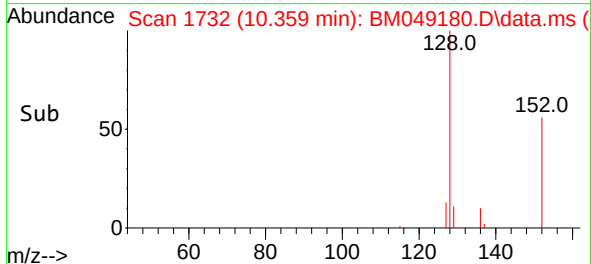
Instrument :
BNA_M
ClientSampleId :
E2912



Tgt Ion:128 Resp: 1741
Ion Ratio Lower Upper
128 100
129 13.6 9.7 14.5
127 14.4 10.6 16.0

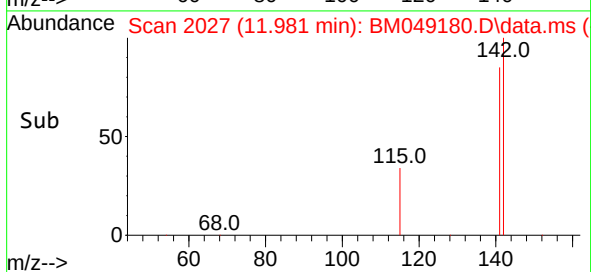
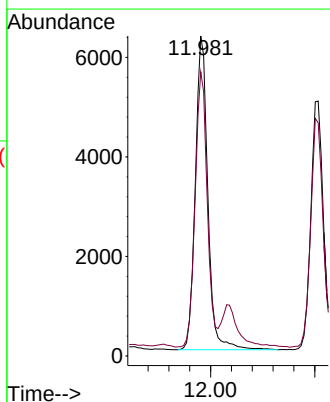
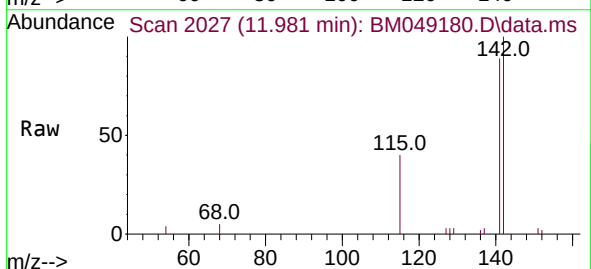
Manual Integrations
APPROVED

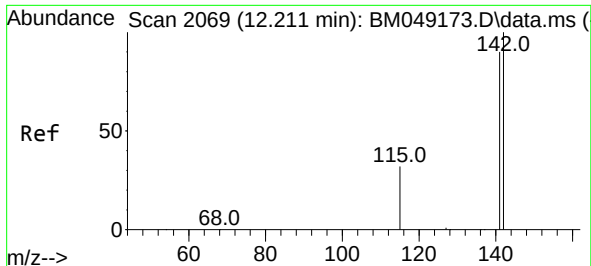
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

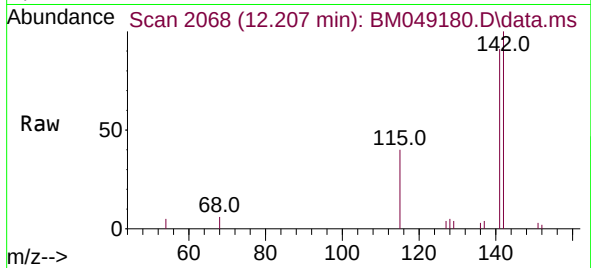
Tgt Ion:142 Resp: 10572
Ion Ratio Lower Upper
142 100
141 84.9 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.207 min Scan# 2069
Delta R.T. -0.015 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

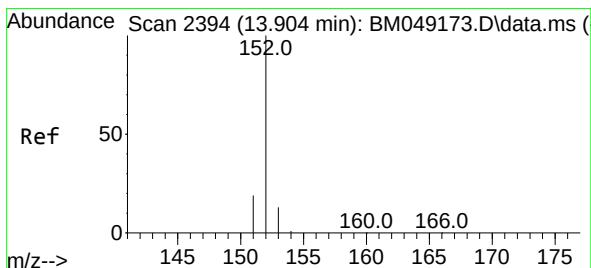
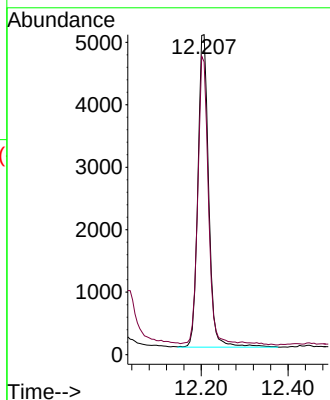
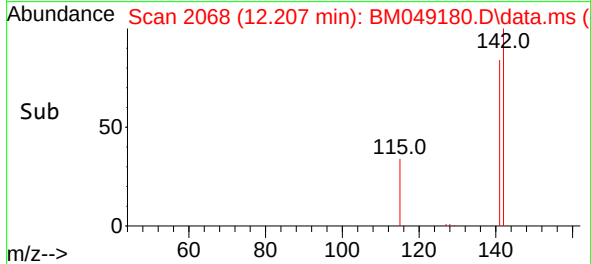
Instrument :
BNA_M
ClientSampleId :
E2912



Tgt Ion:142 Resp: 867
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1

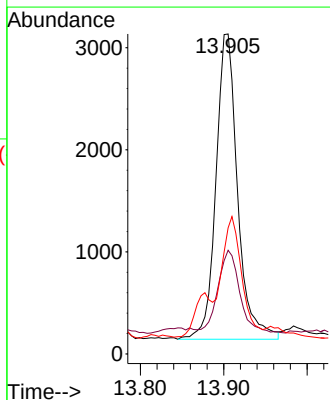
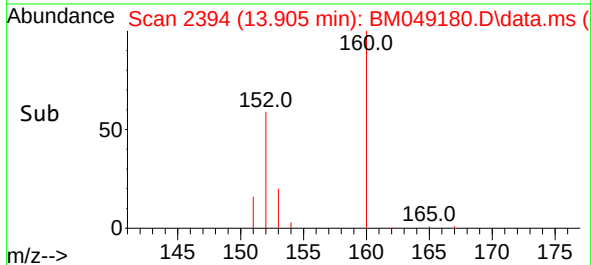
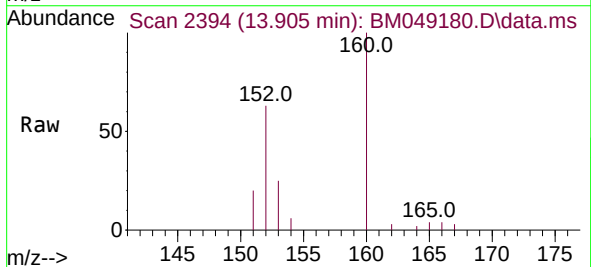
Manual Integrations
APPROVED

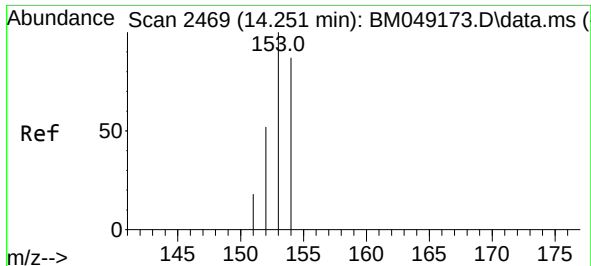
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 13.905 min Scan# 2394
Delta R.T. -0.013 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

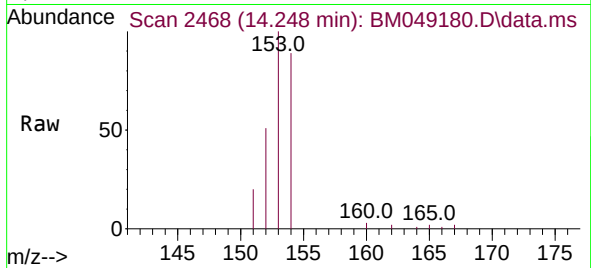
Tgt Ion:152 Resp: 5400
Ion Ratio Lower Upper
152 100
151 32.4 16.0 24.0#
153 39.4 11.0 16.6#





#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

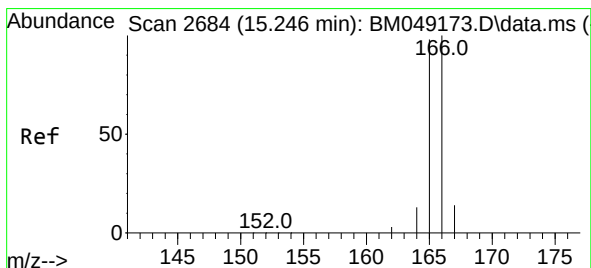
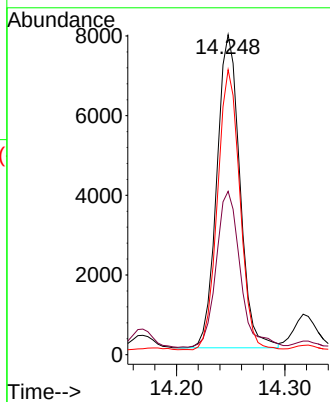
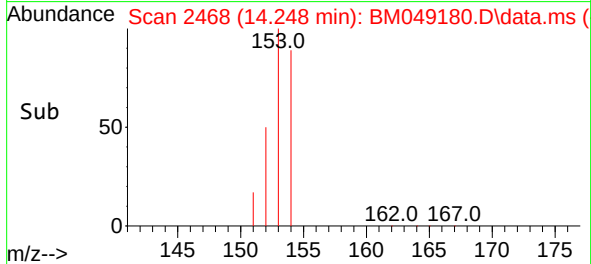
Instrument :
BNA_M
ClientSampleId :
E2912



Tgt Ion:153 Resp: 11648
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 89.1 70.8 106.2

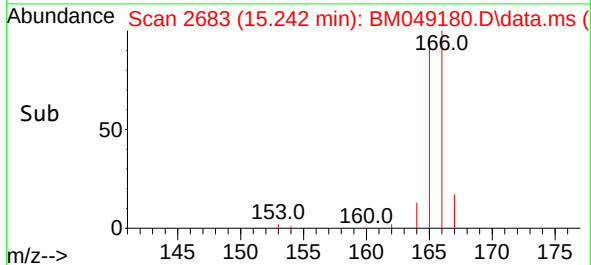
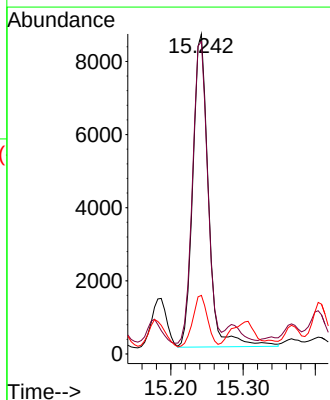
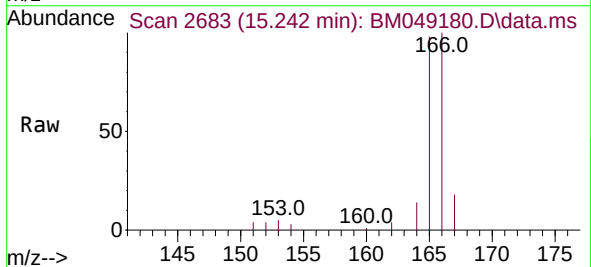
Manual Integrations
APPROVED

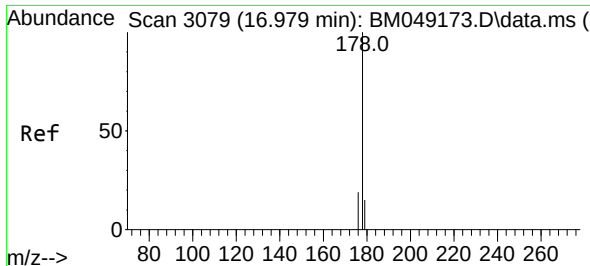
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. -0.013 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

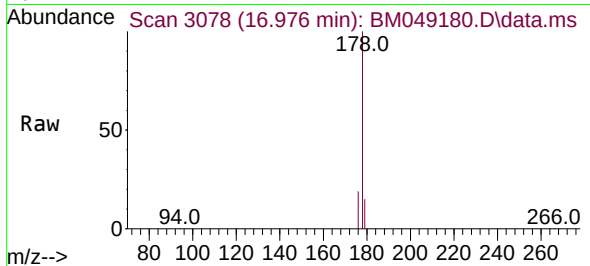
Tgt Ion:166 Resp: 12876
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 18.3 11.4 17.0#





#15
Phenanthrene
Concen: 5.477 ng/u1
RT: 16.976 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

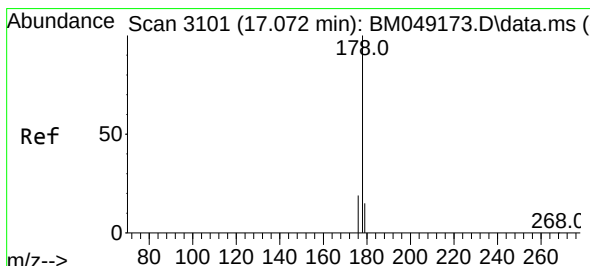
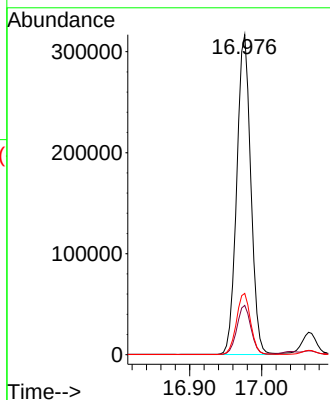
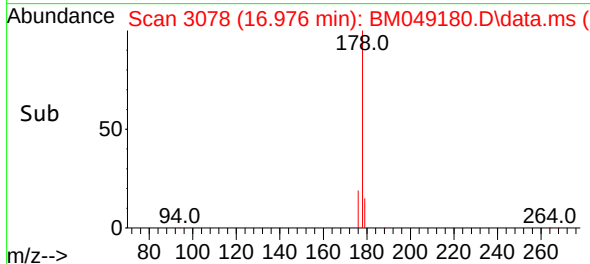
Instrument :
BNA_M
ClientSampleId :
E2912



Tgt Ion:178 Resp: 42782
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 16.2 24.2

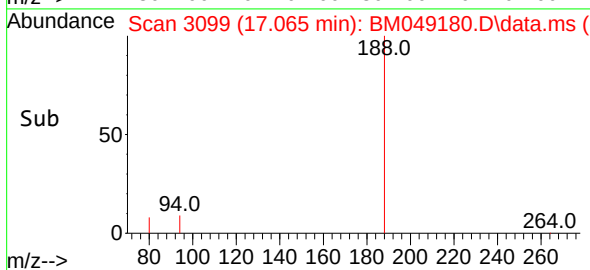
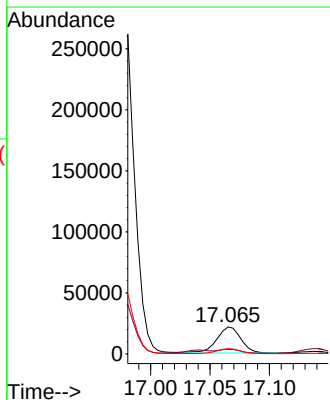
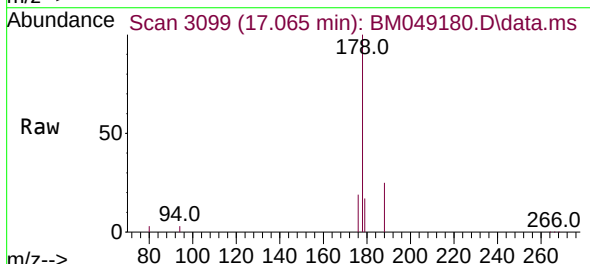
Manual Integrations
APPROVED

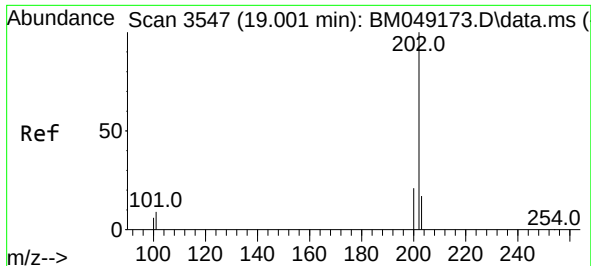
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#16
Anthracene
Concen: 0.422 ng/u1
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

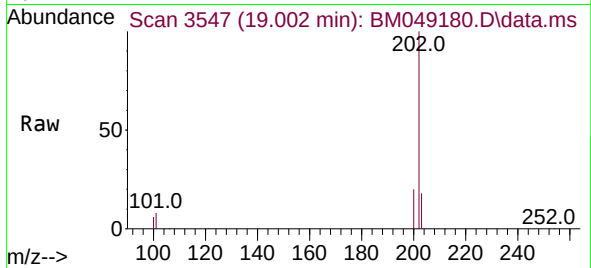
Tgt Ion:178 Resp: 30268
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.3 15.3 22.9





#19
Fluoranthene
Concen: 5.396 ng/uI
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

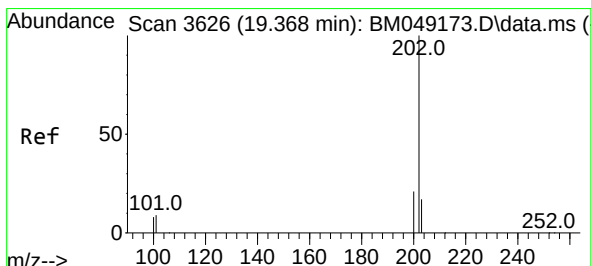
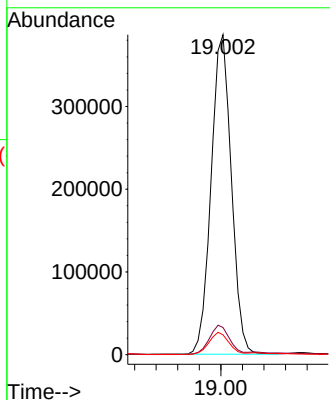
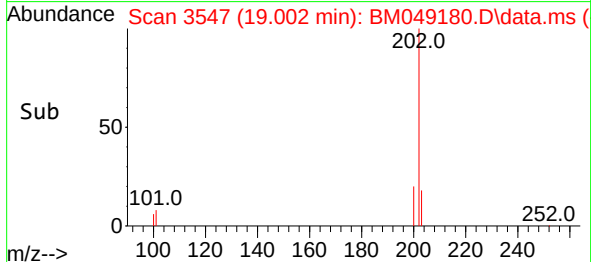
Instrument :
BNA_M
ClientSampleId :
E2912



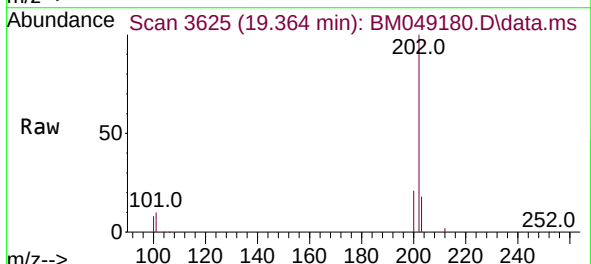
Tgt Ion:202 Resp: 50435
Ion Ratio Lower Upper
202 100
101 8.5 7.6 11.4
100 6.2 5.5 8.3

Manual Integrations
APPROVED

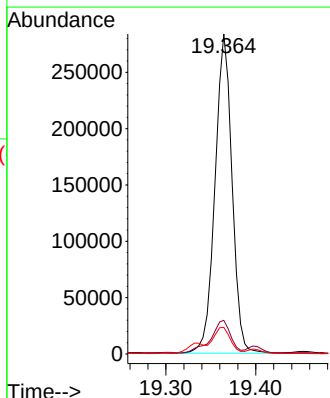
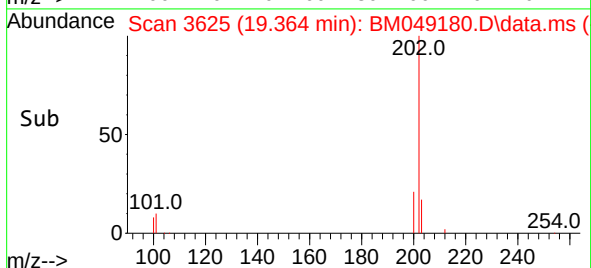
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

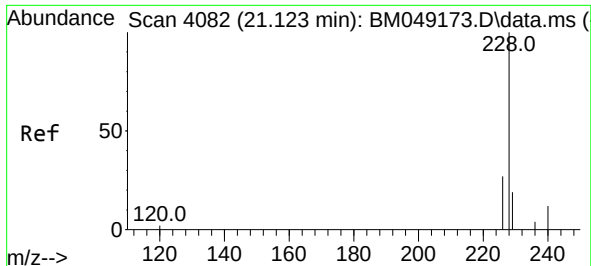


#20
Pyrene
Concen: 3.729 ng/uI
RT: 19.364 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21



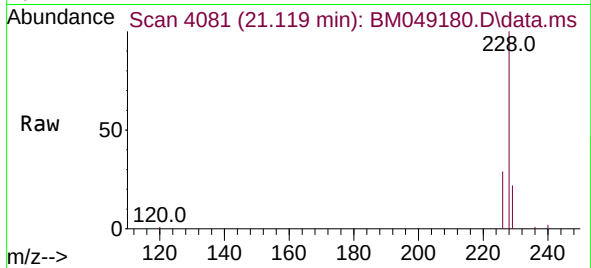
Tgt Ion:202 Resp: 371736
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.3 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.668 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

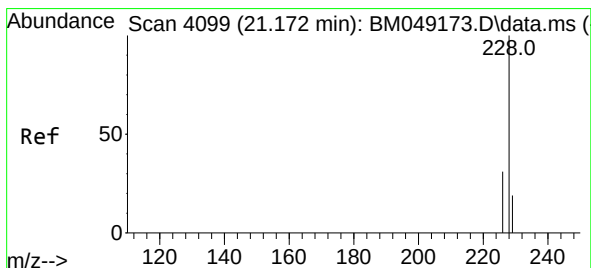
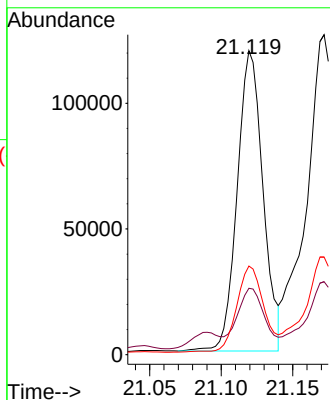
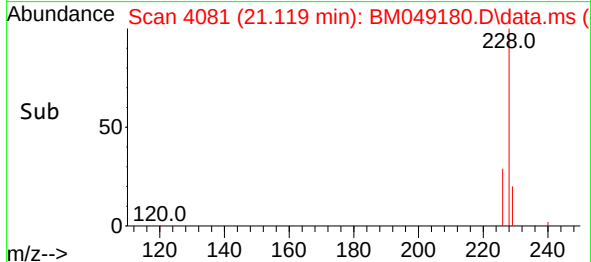
Instrument :
BNA_M
ClientSampleId :
E2912



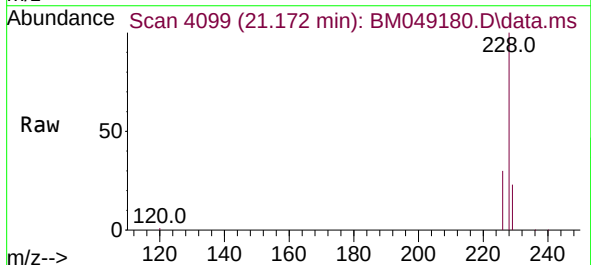
Tgt Ion:228 Resp: 14995
Ion Ratio Lower Upper
228 100
229 21.9 15.9 23.9
226 29.2 22.6 34.0

Manual Integrations
APPROVED

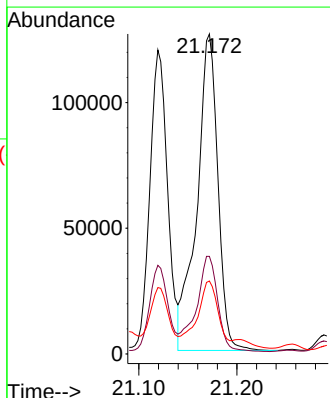
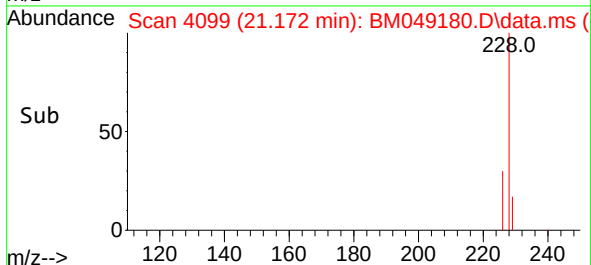
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

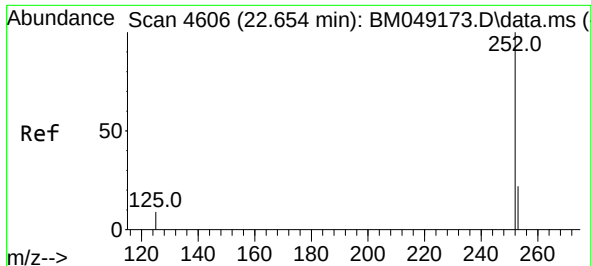


#22
Chrysene
Concen: 1.937 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21



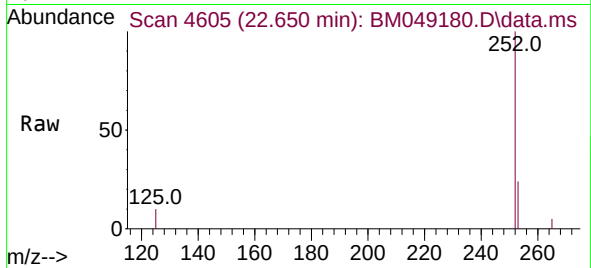
Tgt Ion:228 Resp: 186904
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.603 ng/ul m
RT: 22.650 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

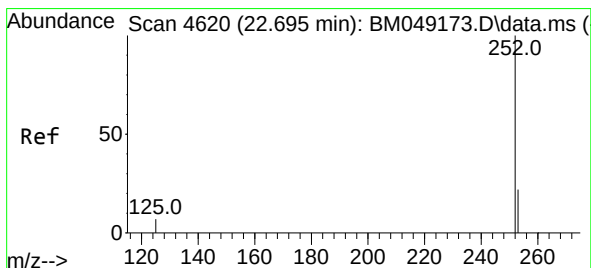
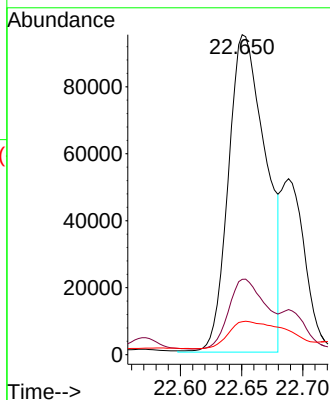
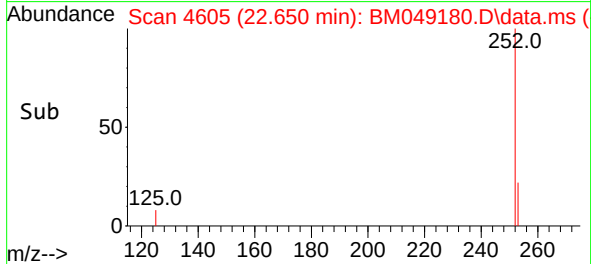
Instrument :
BNA_M
ClientSampleId :
E2912



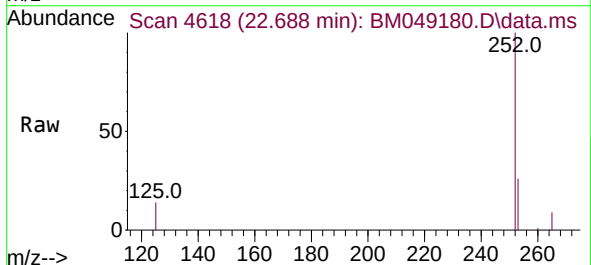
Tgt Ion:252 Resp: 202534
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.6
125 10.3 0.0 30.8

Manual Integrations
APPROVED

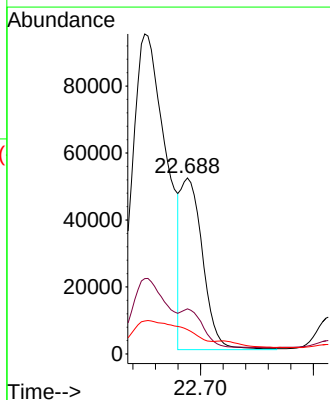
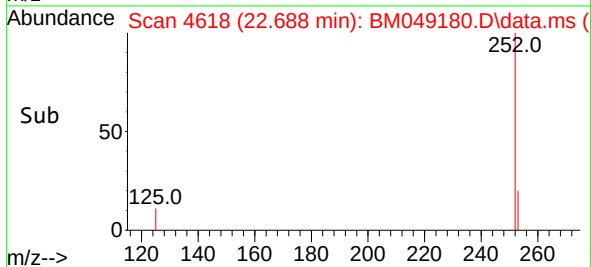
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

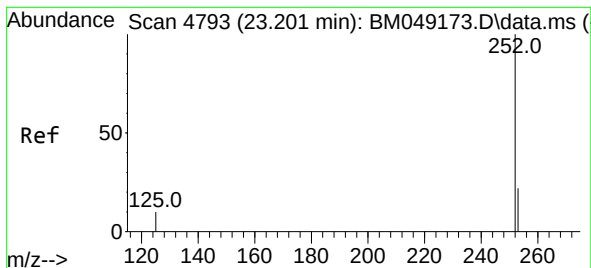


#25
Benzo(k)fluoranthene
Concen: 0.818 ng/ul m
RT: 22.688 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21



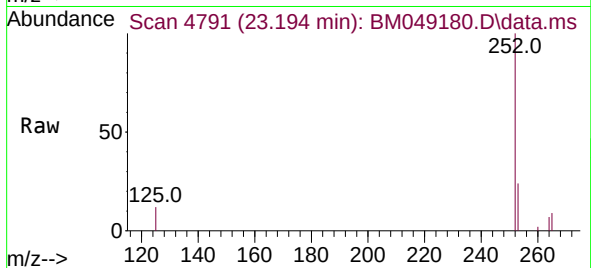
Tgt Ion:252 Resp: 69851
Ion Ratio Lower Upper
252 100
253 25.7 21.3 31.9
125 13.9 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.462 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

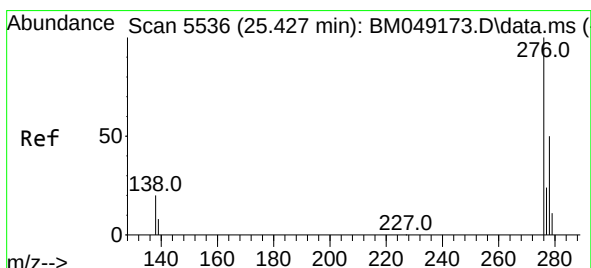
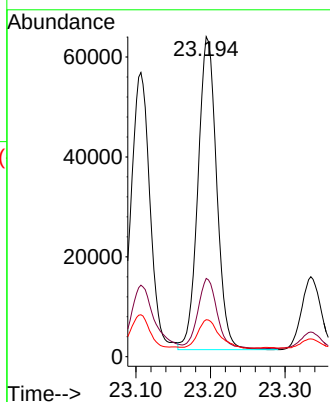
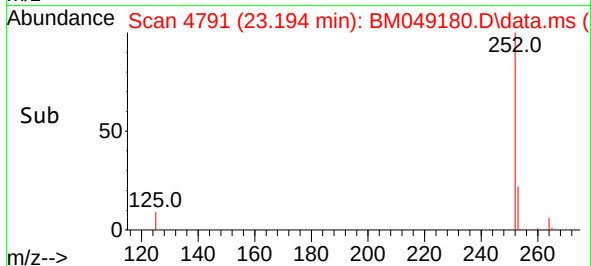
Instrument :
BNA_M
ClientSampleId :
E2912



Tgt Ion:252 Resp: 10909
Ion Ratio Lower Upper
252 100
253 24.4 22.4 33.6
125 11.5 14.8 22.2

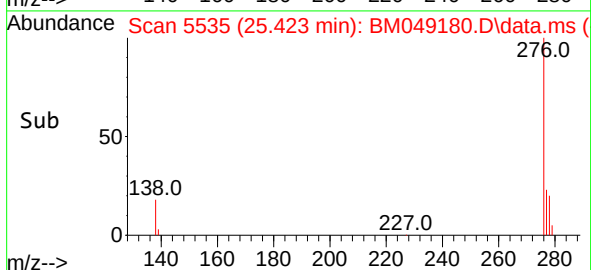
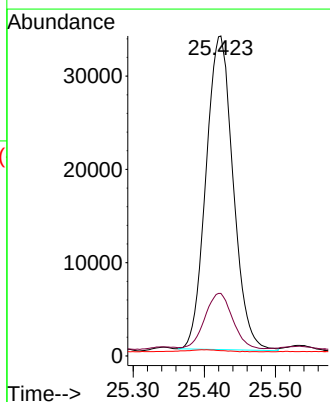
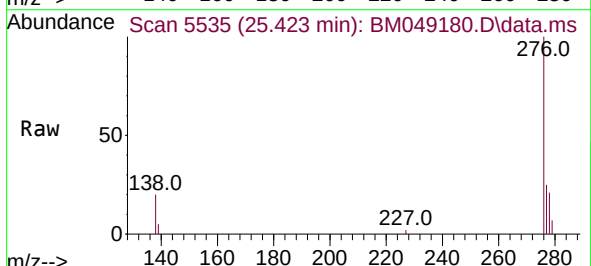
Manual Integrations
APPROVED

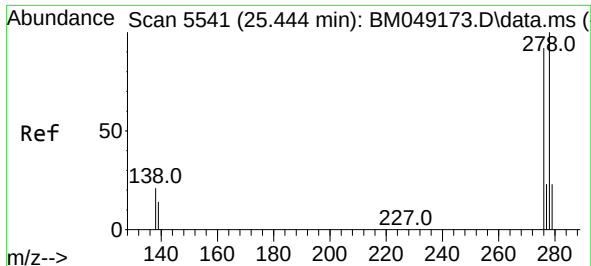
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.845 ng/ul
RT: 25.423 min Scan# 5535
Delta R.T. -0.024 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

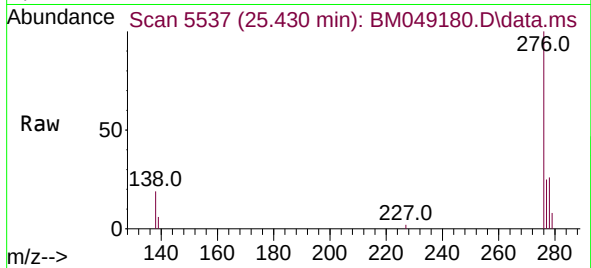
Tgt Ion:276 Resp: 89188
Ion Ratio Lower Upper
276 100
138 18.6 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.282 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

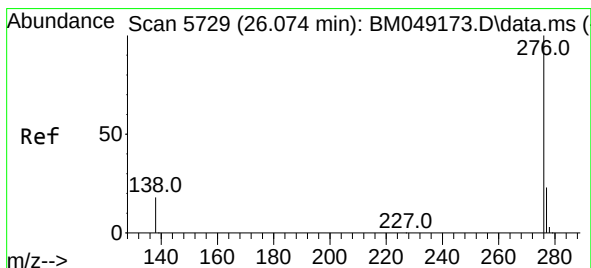
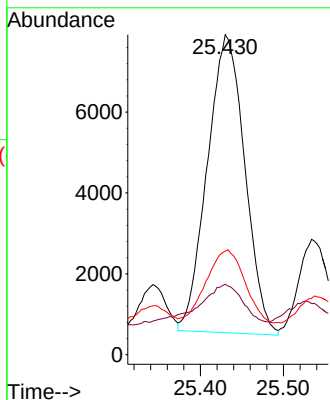
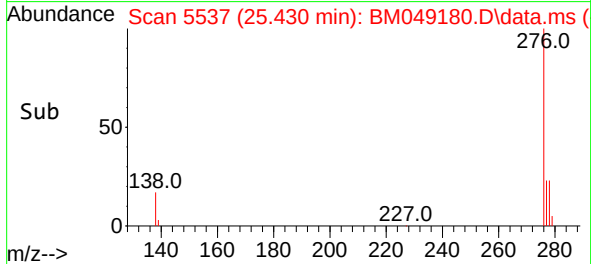
Instrument :
BNA_M
ClientSampleId :
E2912



Tgt Ion:278 Resp: 23094
Ion Ratio Lower Upper
278 100
139 22.0 13.5 20.3
279 32.4 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: 1.067 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.021 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Tgt Ion:276 Resp: 90577
Ion Ratio Lower Upper
276 100
138 20.2 16.7 25.1
277 24.3 19.9 29.9

