

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049176.D
 Acq On : 24 Dec 2024 09:59
 Operator : RC/JU
 Sample : P5331-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AQ1

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 21:39:22 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	7.552	152	5095	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	15064	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	8376	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.933	188	19313m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	17376m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16450m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	29411	5.005	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	6263	0.309	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	15438	0.313	ng/ul	0.00
Target Compounds						
15) Phenanthrene	16.975	178	1469m	0.029	ng/ul	
19) Fluoranthene	19.001	202	4685	0.075	ng/ul#	92
20) Pyrene	19.363	202	3808	0.057	ng/ul#	89
21) Benzo(a)anthracene	21.123	228	2085	0.034	ng/ul#	86
22) Chrysene	21.172	228	2767	0.043	ng/ul#	92
24) Benzo(b)fluoranthene	22.657	252	4195m	0.080	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	1563m	0.027	ng/ul	
26) Benzo(a)pyrene	23.198	252	2263	0.045	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.427	276	2017	0.028	ng/ul#	85
29) Benzo(g,h,i)perylene	26.078	276	2241	0.039	ng/ul#	73

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

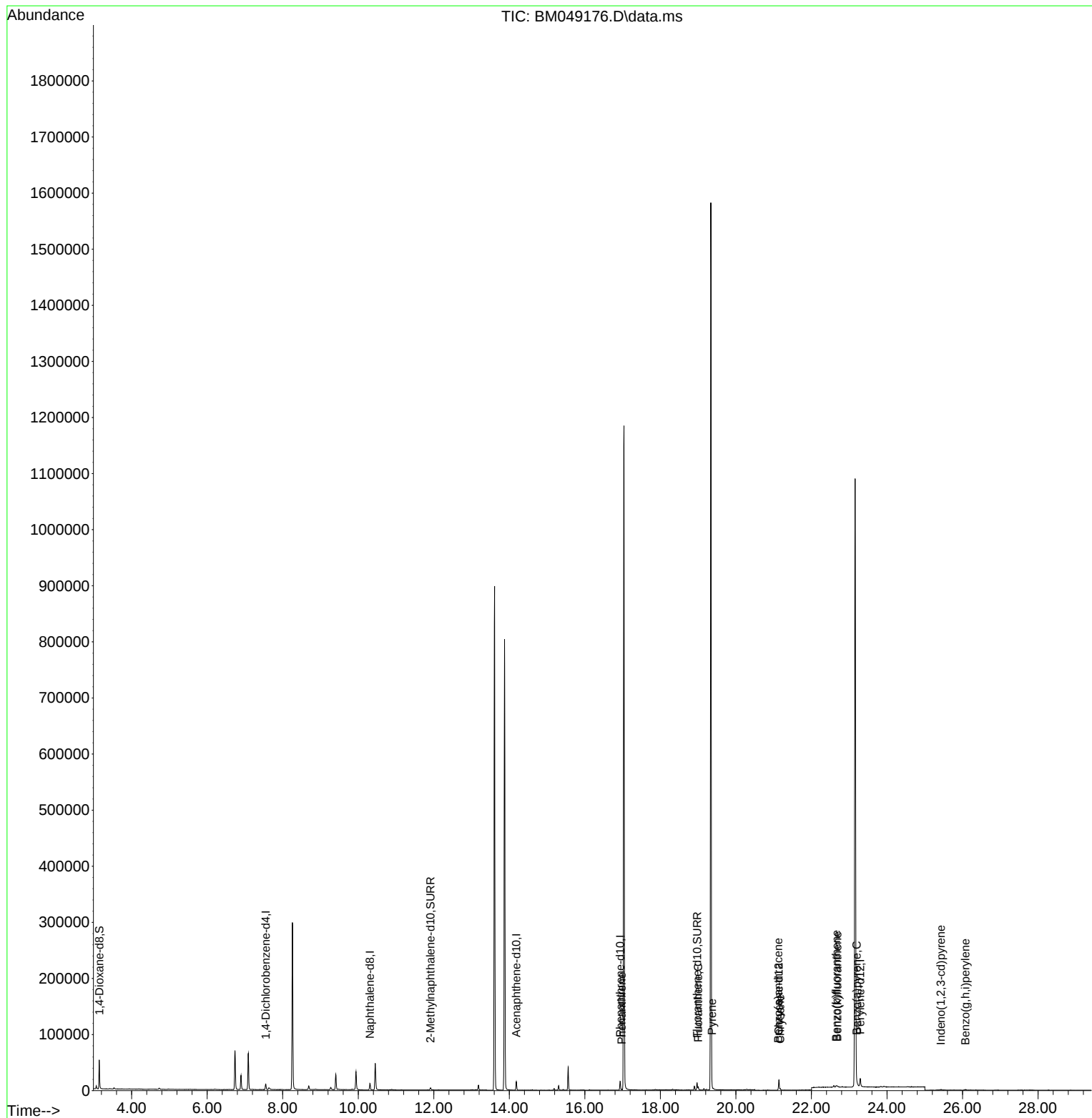
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049176.D
Acq On : 24 Dec 2024 09:59
Operator : RC/JU
Sample : P5331-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

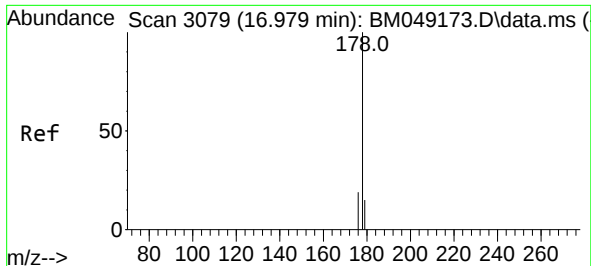
Instrument :
BNA_M
ClientSampleId :
E2AQ1

Manual Integrations
APPROVED

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

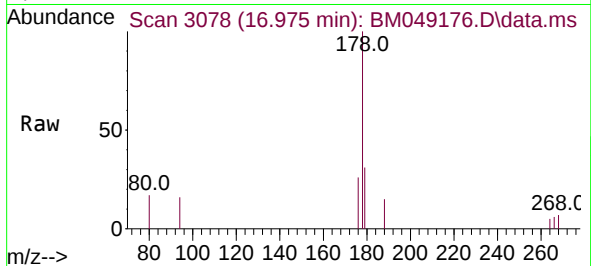
Quant Time: Dec 24 21:39:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.029 ng/ul m
RT: 16.975 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59

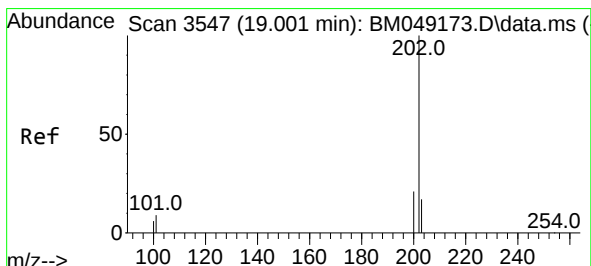
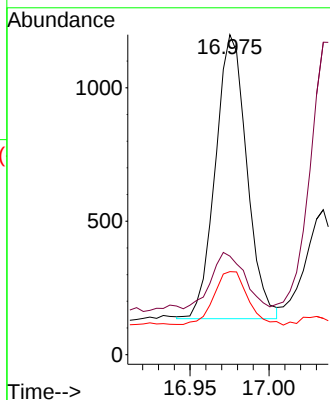
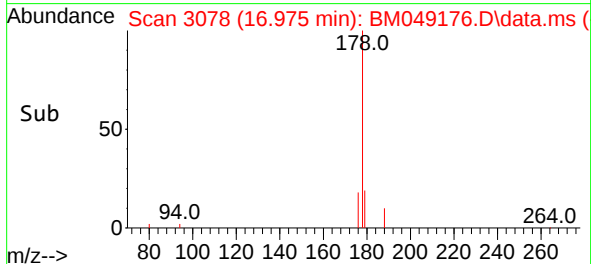
Instrument :
BNA_M
ClientSampleId :
E2AQ1



Tgt Ion:178 Resp: 1469
Ion Ratio Lower Upper
178 100
179 30.8 13.0 19.4#
176 25.9 16.2 24.2#

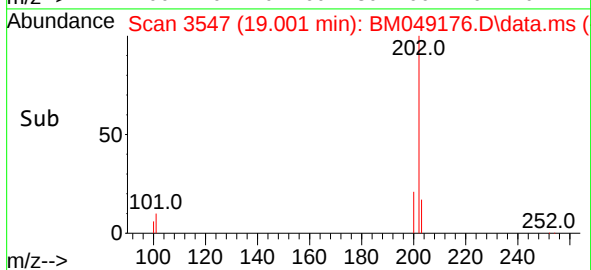
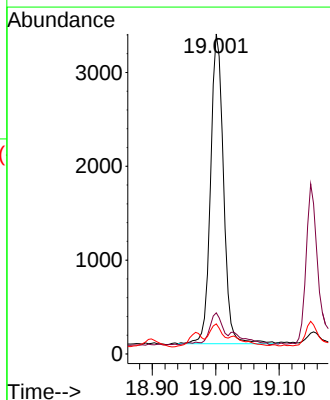
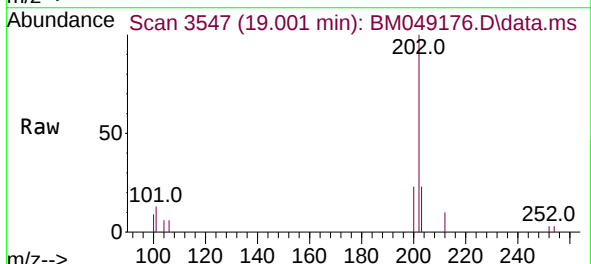
Manual Integrations
APPROVED

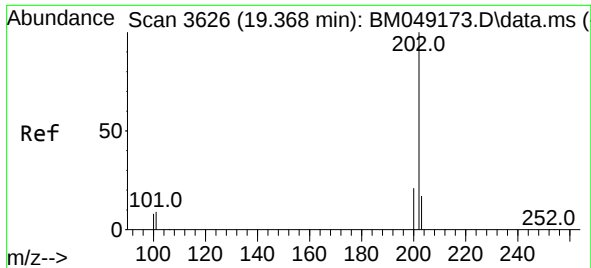
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Fluoranthene
Concen: 0.075 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.014 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59

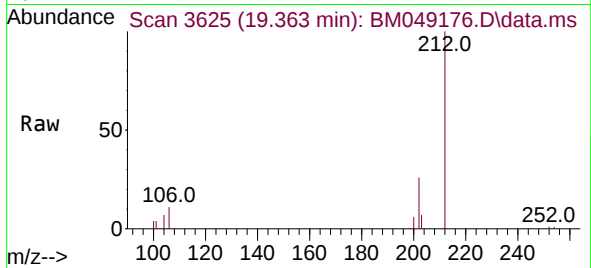
Tgt Ion:202 Resp: 4685
Ion Ratio Lower Upper
202 100
101 12.8 7.6 11.4#
100 9.4 5.5 8.3#





#20
Pyrene
Concen: 0.057 ng/u1
RT: 19.363 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59

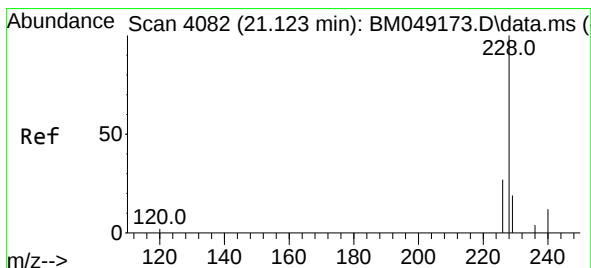
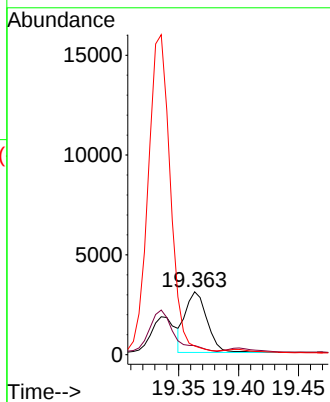
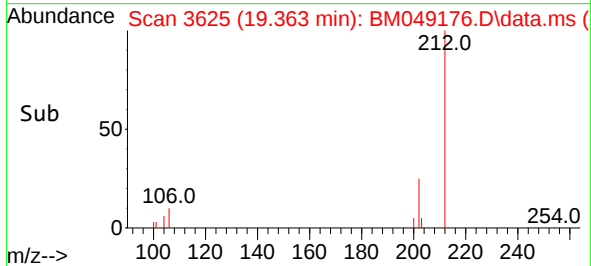
Instrument :
BNA_M
ClientSampleId :
E2AQ1



Tgt Ion:202 Resp: 3808
Ion Ratio Lower Upper
202 100
101 14.5 8.9 13.3#
100 13.7 6.9 10.3#

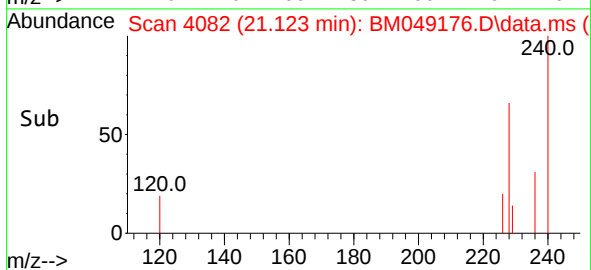
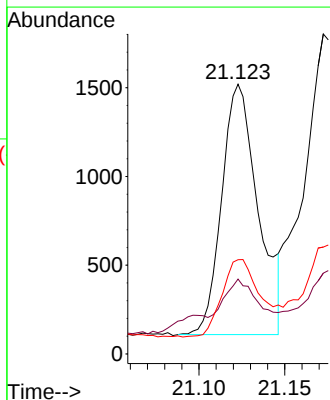
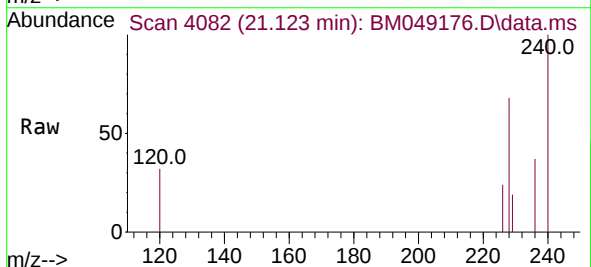
Manual Integrations
APPROVED

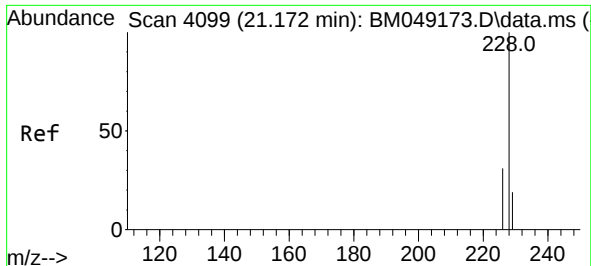
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#21
Benzo(a)anthracene
Concen: 0.034 ng/u1
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59

Tgt Ion:228 Resp: 2085
Ion Ratio Lower Upper
228 100
229 27.8 15.9 23.9#
226 34.9 22.6 34.0#





#22

Chrysene

Concen: 0.043 ng/ul

RT: 21.172 min Scan# 4099

Delta R.T. -0.012 min

Lab File: BM049176.D

Acq: 24 Dec 2024 09:59

Instrument :

BNA_M

ClientSampleId :

E2AQ1

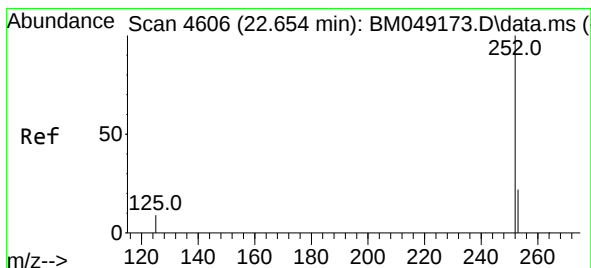
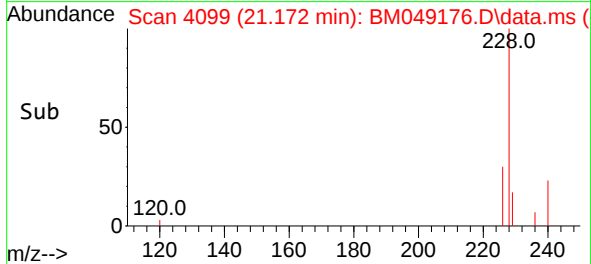
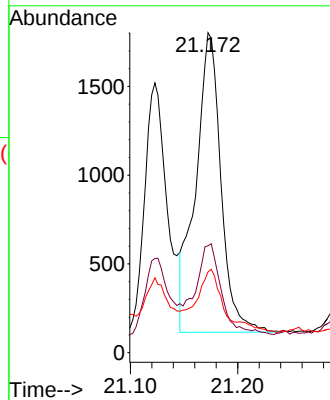
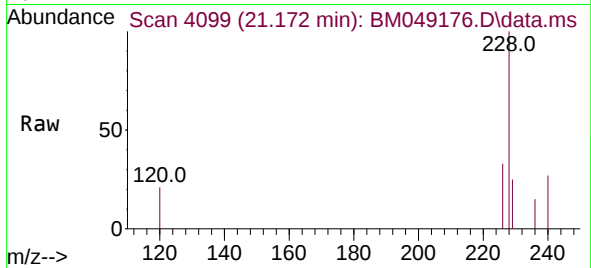
Tgt Ion:228	Resp:	276
Ion Ratio	Lower	Upper
228	100	
226	33.4	24.1 36.1
229	25.2	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2024

Supervised By :mohammad ahmed 12/26/2024



#24

Benzo(b)fluoranthene

Concen: 0.080 ng/ul m

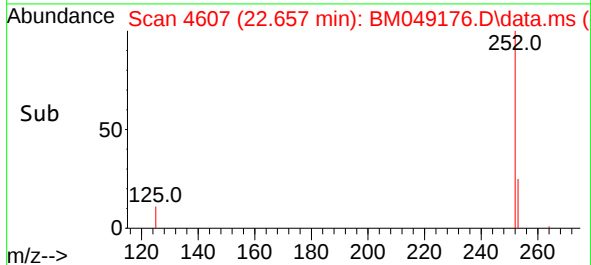
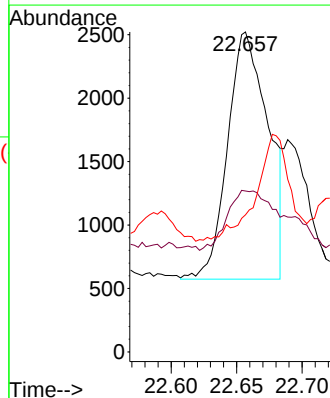
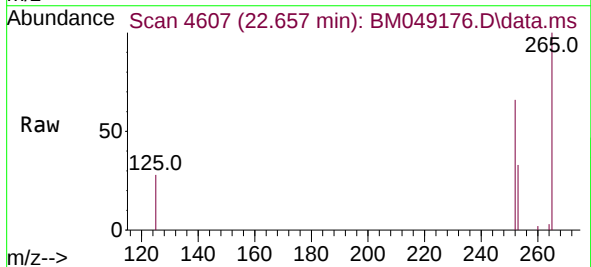
RT: 22.657 min Scan# 4607

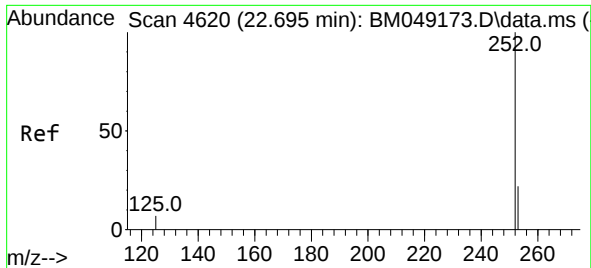
Delta R.T. -0.006 min

Lab File: BM049176.D

Acq: 24 Dec 2024 09:59

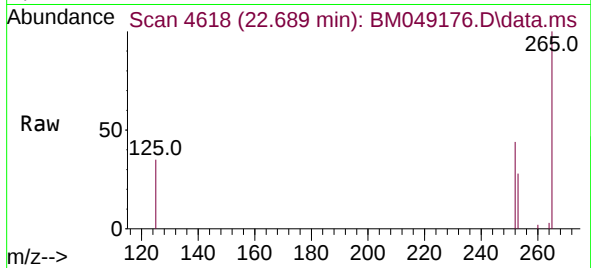
Tgt Ion:252	Resp:	4195
Ion Ratio	Lower	Upper
252	100	
253	50.3	0.0 52.6
125	42.8	0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59

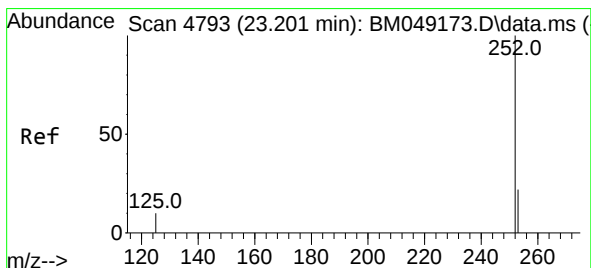
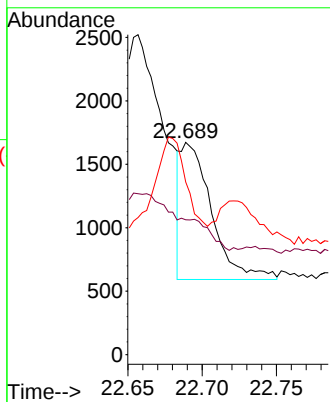
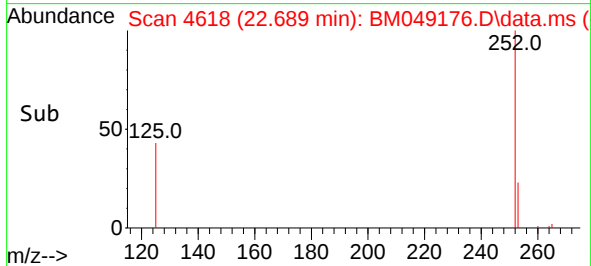
Instrument :
BNA_M
ClientSampleId :
E2AQ1



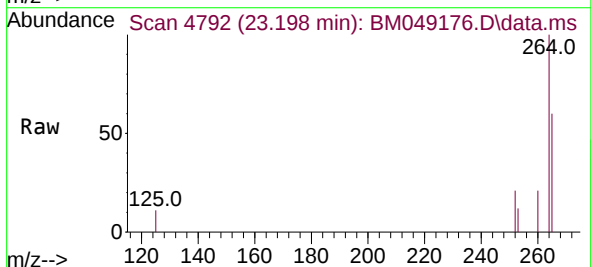
Tgt Ion:252 Resp: 1563
Ion Ratio Lower Upper
252 100
253 63.5 21.3 31.9#
125 81.4 12.6 18.8#

Manual Integrations
APPROVED

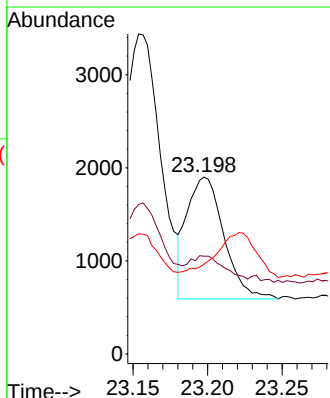
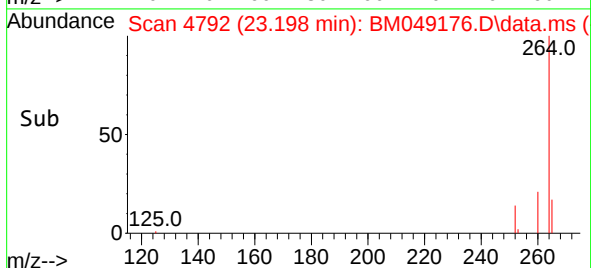
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

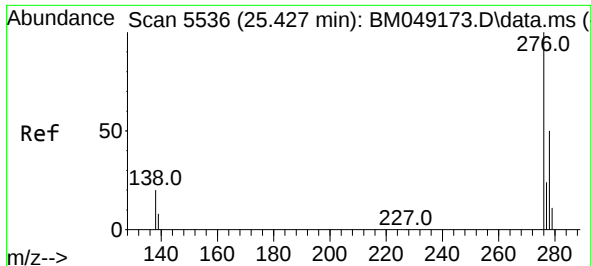


#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.198 min Scan# 4792
Delta R.T. -0.012 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59



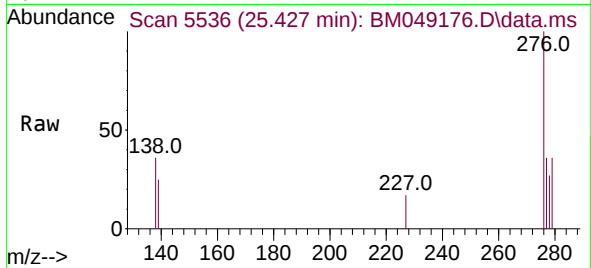
Tgt Ion:252 Resp: 2263
Ion Ratio Lower Upper
252 100
253 55.2 22.4 33.6#
125 50.9 14.8 22.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.427 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59

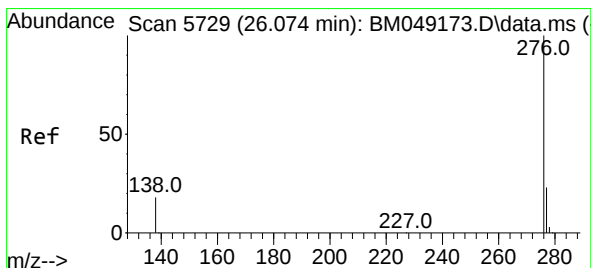
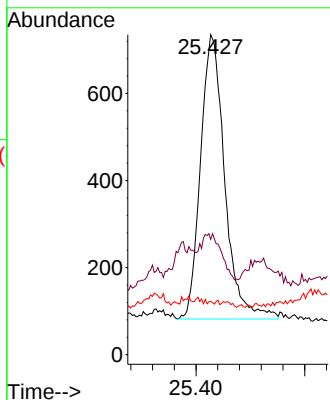
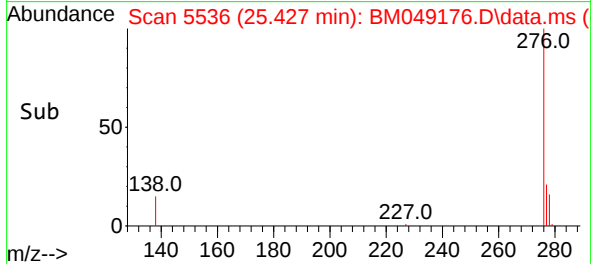
Instrument :
BNA_M
ClientSampleId :
E2AQ1



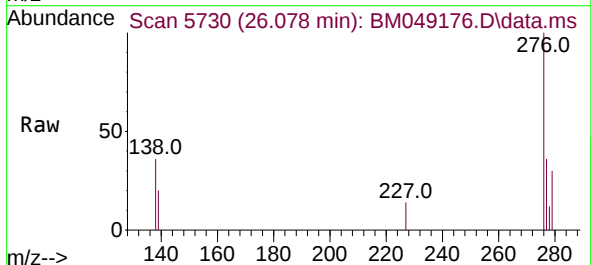
Tgt Ion:276 Resp: 201
Ion Ratio Lower Upper
276 100
138 14.6 17.4 26.2
227 0.1 0.2 0.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.078 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049176.D
Acq: 24 Dec 2024 09:59



Tgt Ion:276 Resp: 2241
Ion Ratio Lower Upper
276 100
138 36.3 16.7 25.1#
277 36.3 19.9 29.9#

