

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049171.D
 Acq On : 24 Dec 2024 06:25
 Operator : RC/JU
 Sample : P5302-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AQ2

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 06:54:01 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	5974	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	17958	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	9908	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.937	188	22045m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	19361m	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	18873m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	22749	3.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	5314	0.220	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	11275	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.975	178	3682m	0.064	ng/ul	
19) Fluoranthene	19.001	202	11773	0.168	ng/ul	97
20) Pyrene	19.363	202	9759m	0.131	ng/ul	
21) Benzo(a)anthracene	21.123	228	4480	0.067	ng/ul#	92
22) Chrysene	21.175	228	6021	0.083	ng/ul#	93
24) Benzo(b)fluoranthene	22.657	252	8469m	0.140	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	2961m	0.045	ng/ul	
26) Benzo(a)pyrene	23.195	252	4785	0.083	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.431	276	4081	0.050	ng/ul#	99
29) Benzo(g,h,i)perylene	26.074	276	4559	0.069	ng/ul#	86

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

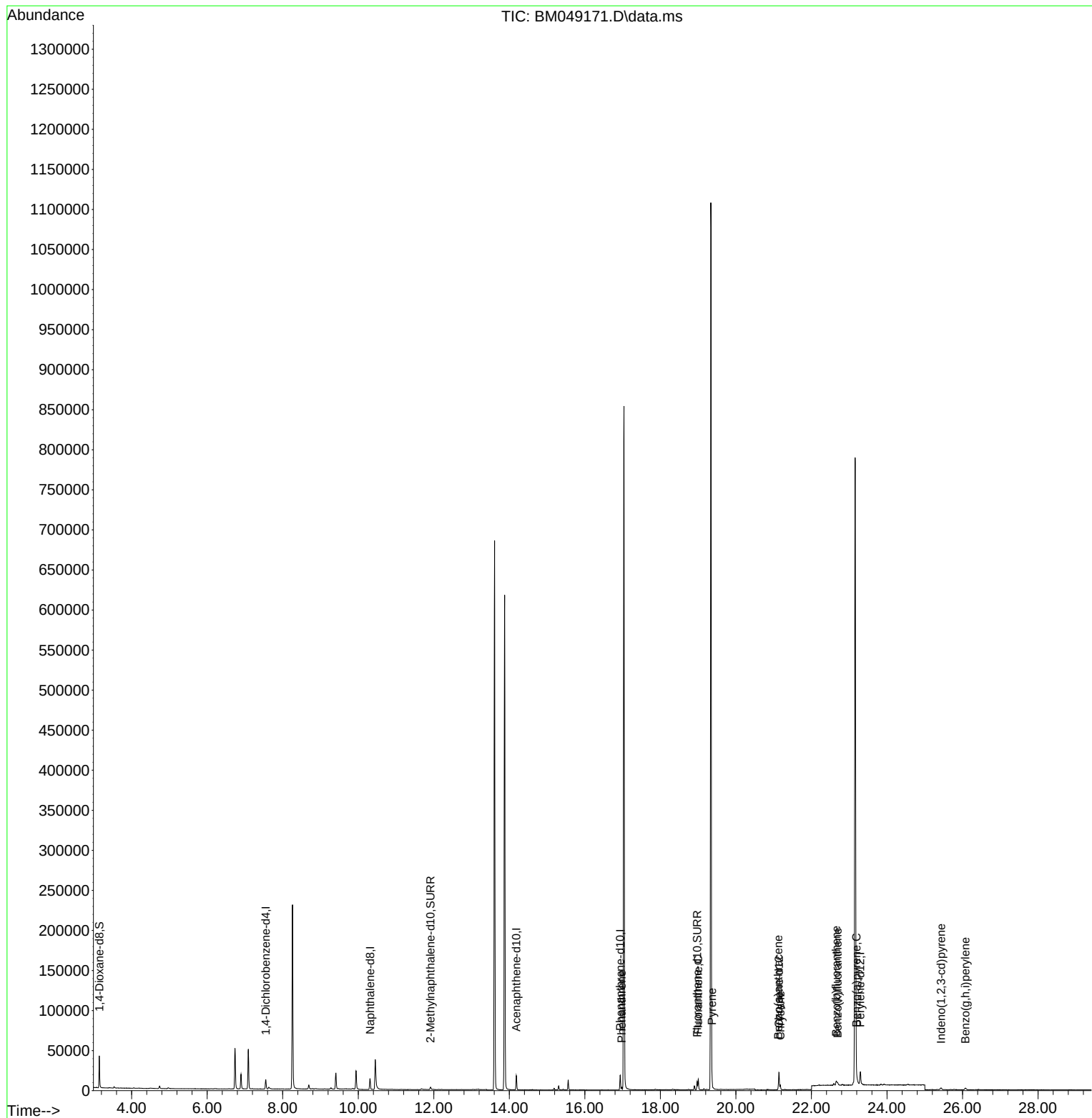
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049171.D
Acq On : 24 Dec 2024 06:25
Operator : RC/JU
Sample : P5302-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

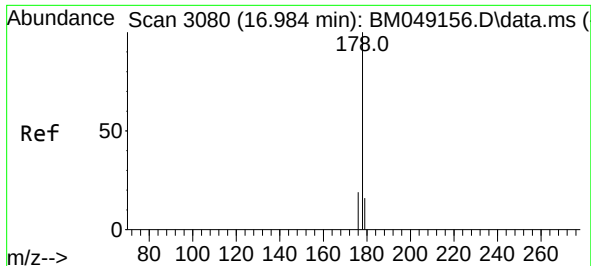
Instrument :
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ClientSampleId :
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Quant Time: Dec 24 06:54:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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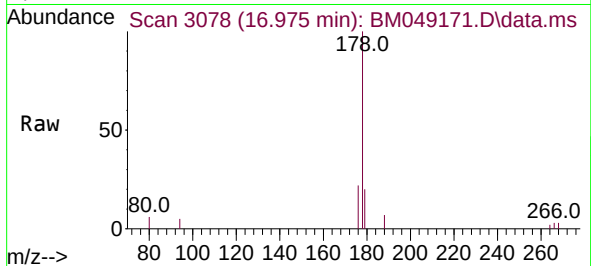
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#15
Phenanthrene
Concen: 0.064 ng/ul m
RT: 16.975 min Scan# 3080
Delta R.T. -0.017 min
Lab File: BM049171.D
Acq: 24 Dec 2024 06:25

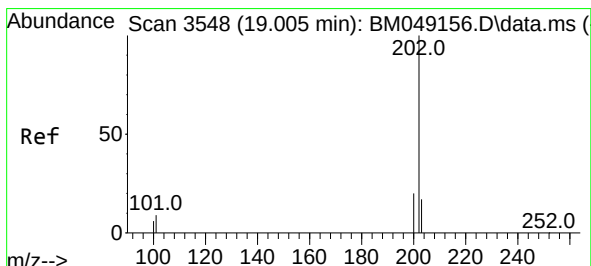
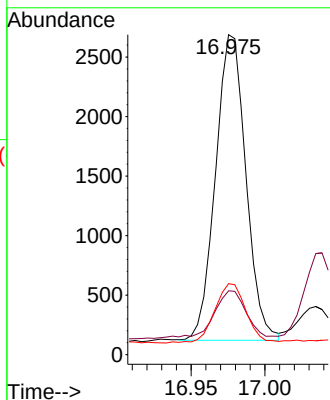
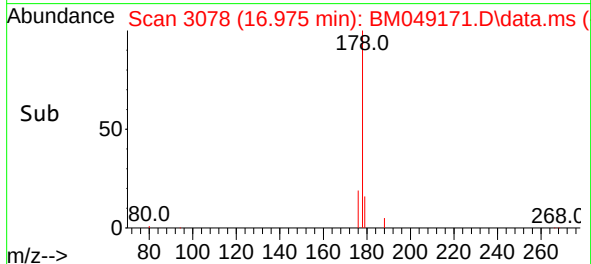
Instrument :
BNA_M
ClientSampleId :
E2AQ2



Tgt Ion:178 Resp: 3682
Ion Ratio Lower Upper
178 100
179 19.9 13.0 19.4
176 22.2 16.2 24.2

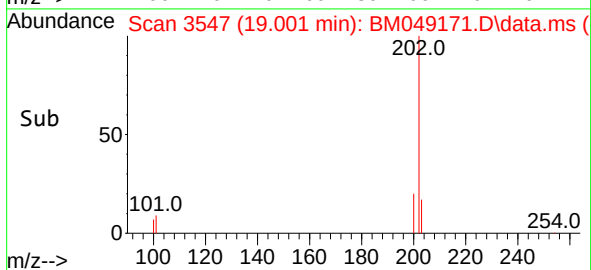
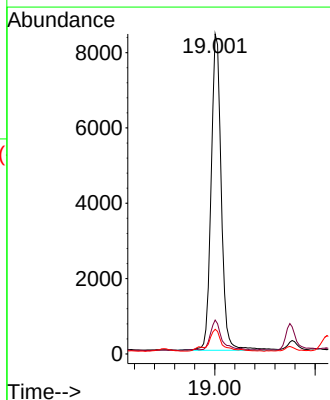
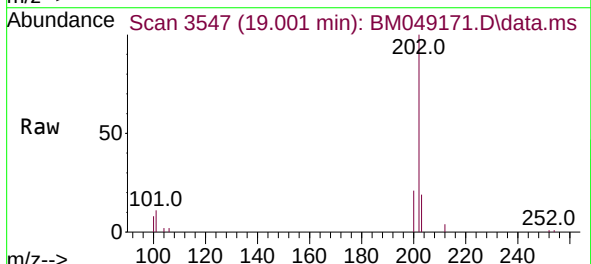
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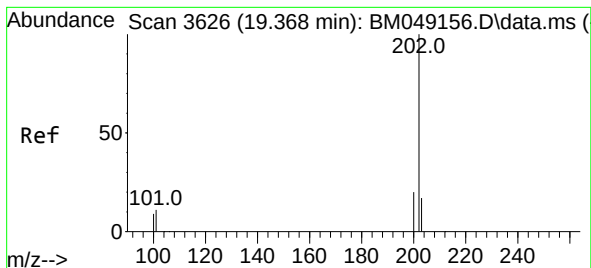
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Fluoranthene
Concen: 0.168 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.014 min
Lab File: BM049171.D
Acq: 24 Dec 2024 06:25

Tgt Ion:202 Resp: 11773
Ion Ratio Lower Upper
202 100
101 10.6 7.6 11.4
100 7.7 5.5 8.3





#20

Pyrene

Concen: 0.131 ng/ul m

RT: 19.363 min Scan# 3626

Delta R.T. -0.014 min

Lab File: BM049171.D

Acq: 24 Dec 2024 06:25

Instrument :

BNA_M

ClientSampleId :

E2AQ2

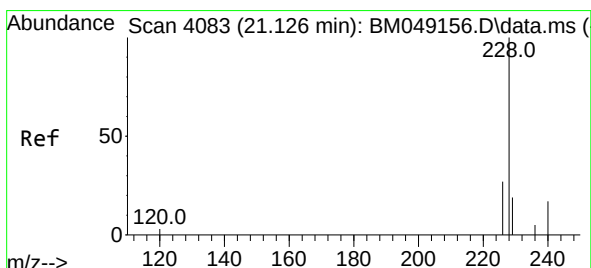
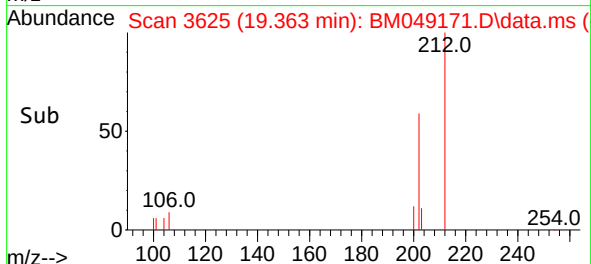
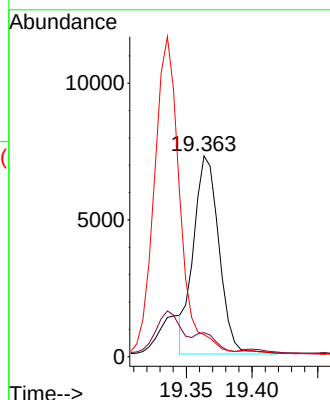
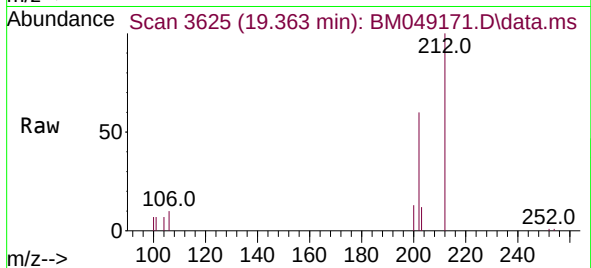
Tgt Ion:	202	Resp:	975
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.9	13.3
100	11.0	6.9	10.3

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#21

Benzo(a)anthracene

Concen: 0.067 ng/ul

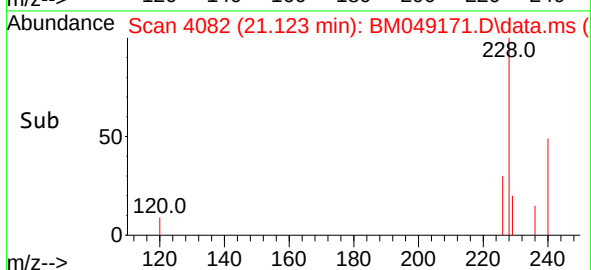
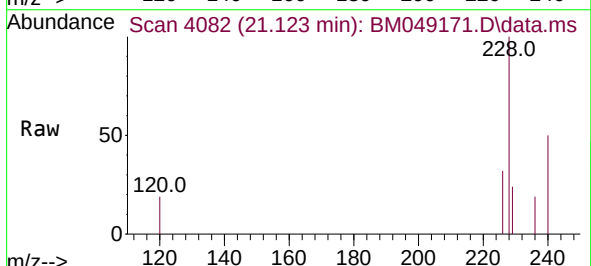
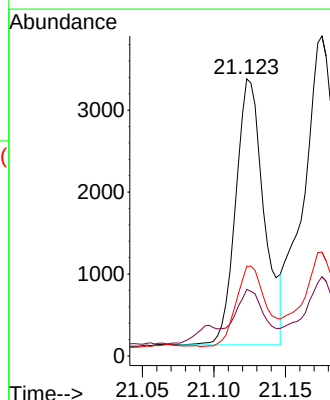
RT: 21.123 min Scan# 4082

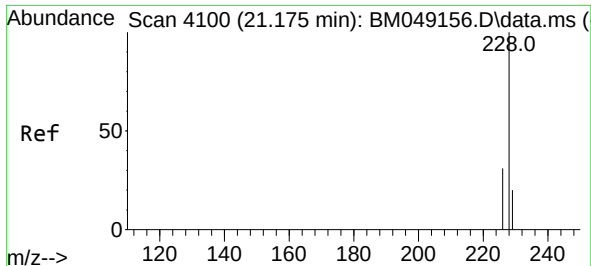
Delta R.T. -0.009 min

Lab File: BM049171.D

Acq: 24 Dec 2024 06:25

Tgt Ion:	228	Resp:	4480
Ion Ratio	Lower	Upper	
228	100		
229	24.0	15.9	23.9
226	32.3	22.6	34.0





#22

Chrysene

Concen: 0.083 ng/ul

RT: 21.175 min Scan# 4100

Delta R.T. -0.009 min

Lab File: BM049171.D

Acq: 24 Dec 2024 06:25

Instrument :

BNA_M

ClientSampleId :

E2AQ2

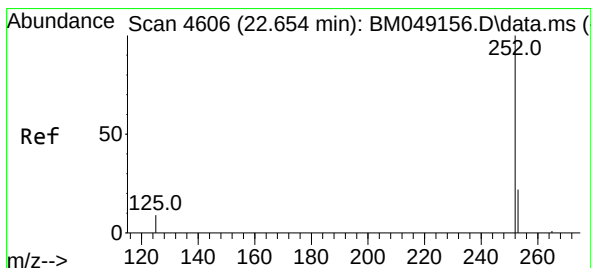
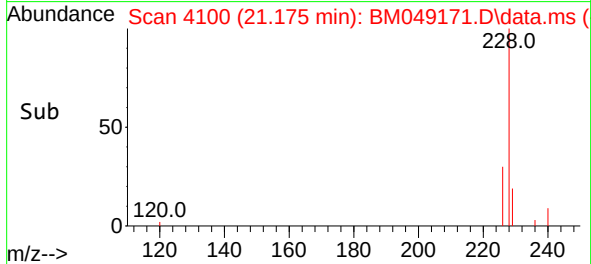
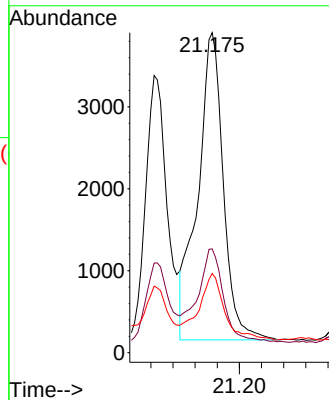
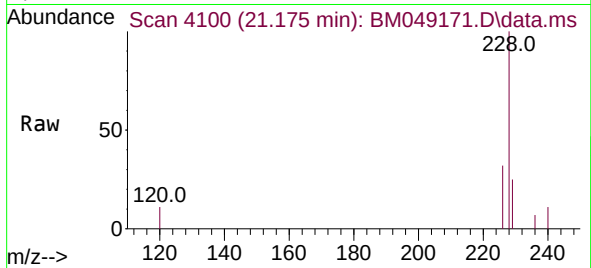
Tgt Ion:	228	Resp:	602
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.1	36.1
229	24.8	15.8	23.8

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.140 ng/ul m

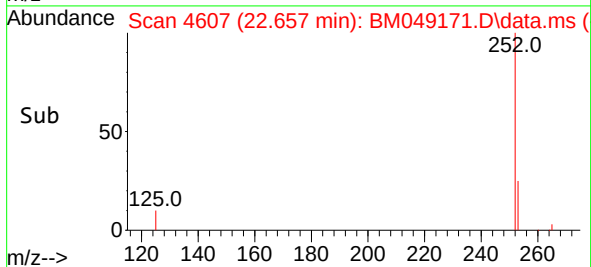
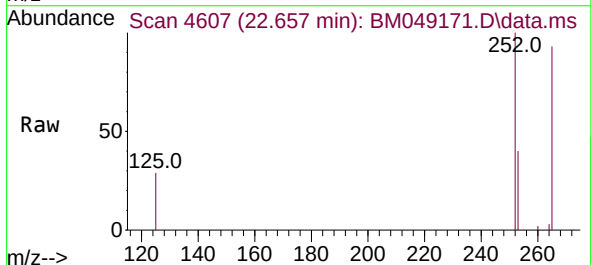
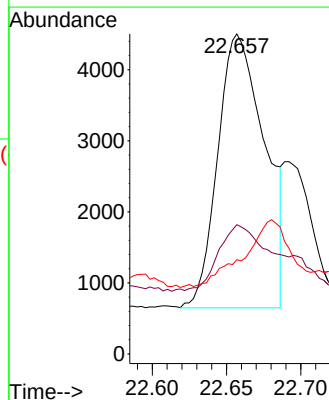
RT: 22.657 min Scan# 4607

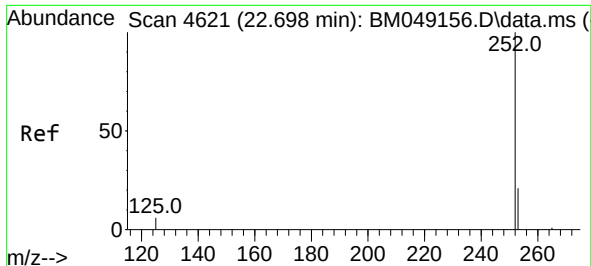
Delta R.T. -0.006 min

Lab File: BM049171.D

Acq: 24 Dec 2024 06:25

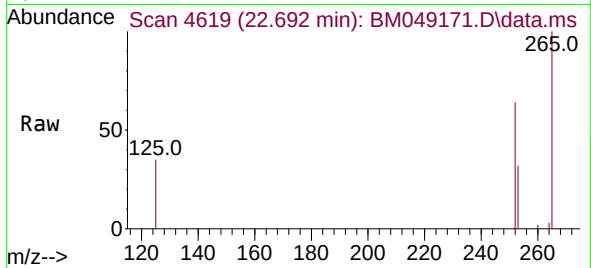
Tgt Ion:	252	Resp:	8469
Ion Ratio	Lower	Upper	
252	100		
253	40.4	0.0	52.6
125	29.5	0.0	30.8





#25
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. -0.014 min
Lab File: BM049171.D
Acq: 24 Dec 2024 06:25

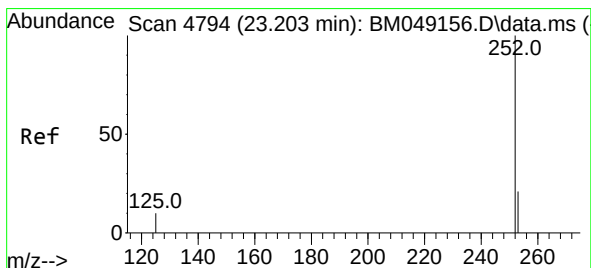
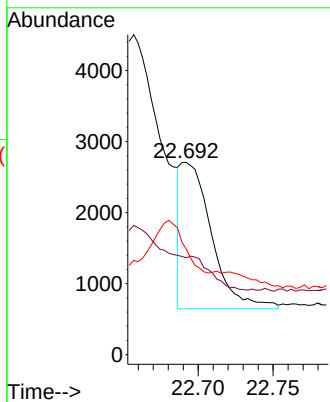
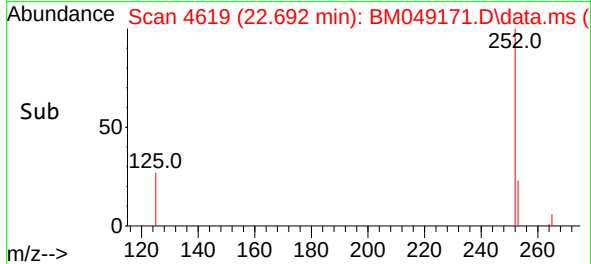
Instrument :
BNA_M
ClientSampleId :
E2AQ2



Tgt Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 50.4 21.3 31.9
125 55.0 12.6 18.8

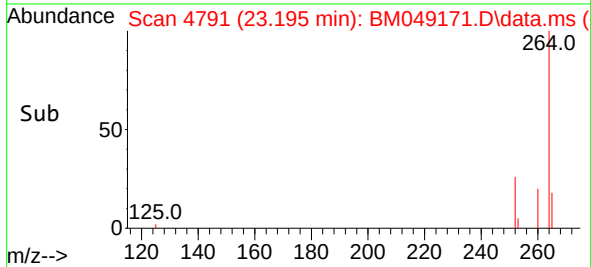
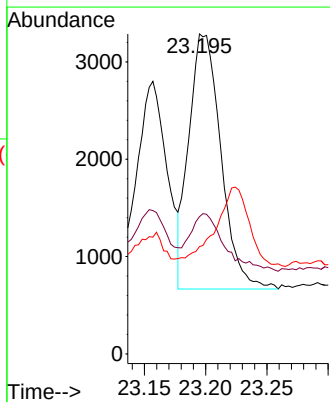
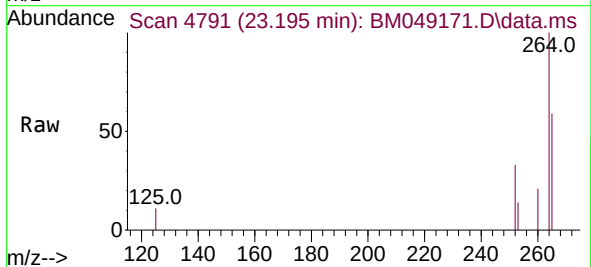
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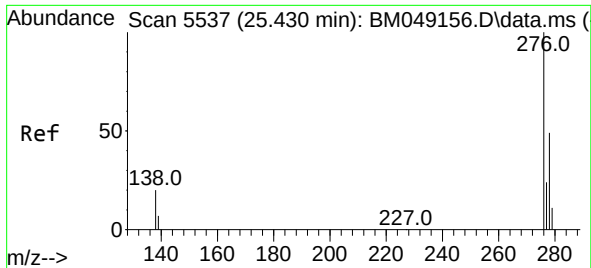
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 23.195 min Scan# 4791
Delta R.T. -0.014 min
Lab File: BM049171.D
Acq: 24 Dec 2024 06:25

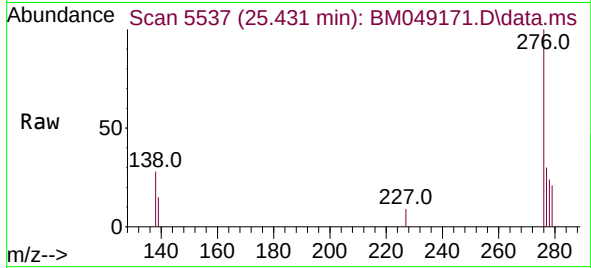
Tgt Ion:252 Resp: 4785
Ion Ratio Lower Upper
252 100
253 42.9 22.4 33.6#
125 33.5 14.8 22.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 25.431 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049171.D
Acq: 24 Dec 2024 06:25

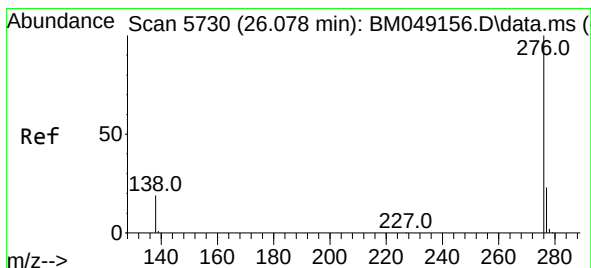
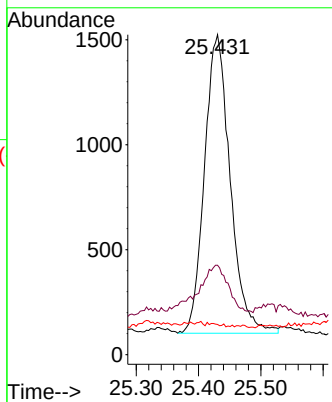
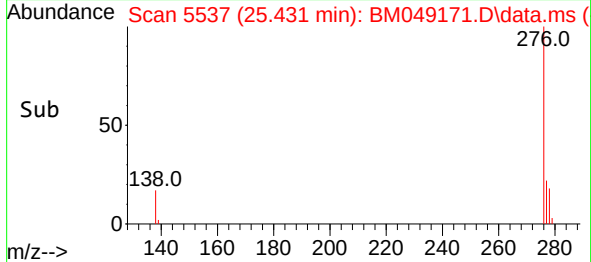
Instrument :
BNA_M
ClientSampleId :
E2AQ2



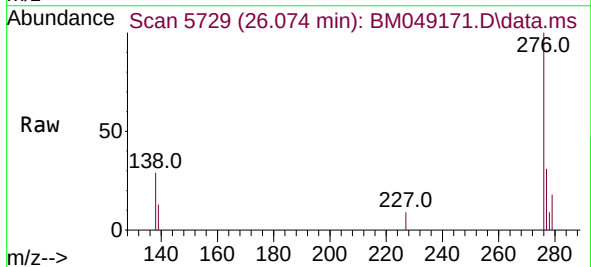
Tgt Ion:276 Resp: 408
Ion Ratio Lower Upper
276 100
138 21.4 17.4 26.2
227 0.5 0.2 0.2

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Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049171.D
Acq: 24 Dec 2024 06:25



Tgt Ion:276 Resp: 4559
Ion Ratio Lower Upper
276 100
138 28.6 16.7 25.1#
277 30.5 19.9 29.9#

