

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049166.D
 Acq On : 24 Dec 2024 03:28
 Operator : RC/JU
 Sample : P5302-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AN7

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:55:08 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	5150	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	15353	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	8413	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	18357m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.140	240	15968m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	15452m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	16959	2.855	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	3434	0.166	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	7285	0.161	ng/ul	0.00
Target Compounds						
10) Acenaphthylene	13.905	152	1830	0.052	ng/ul#	87
15) Phenanthrene	16.977	178	3888m	0.081	ng/ul	
19) Fluoranthene	19.002	202	12035	0.208	ng/ul	98
20) Pyrene	19.365	202	10284m	0.167	ng/ul	
21) Benzo(a)anthracene	21.125	228	4209m	0.076	ng/ul	
22) Chrysene	21.175	228	5579	0.094	ng/ul	95
24) Benzo(b)fluoranthene	22.653	252	8780m	0.178	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	2932m	0.054	ng/ul	
26) Benzo(a)pyrene	23.197	252	5014	0.106	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.427	276	4514	0.067	ng/ul#	98
29) Benzo(g,h,i)perylene	26.081	276	4701	0.087	ng/ul	92

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

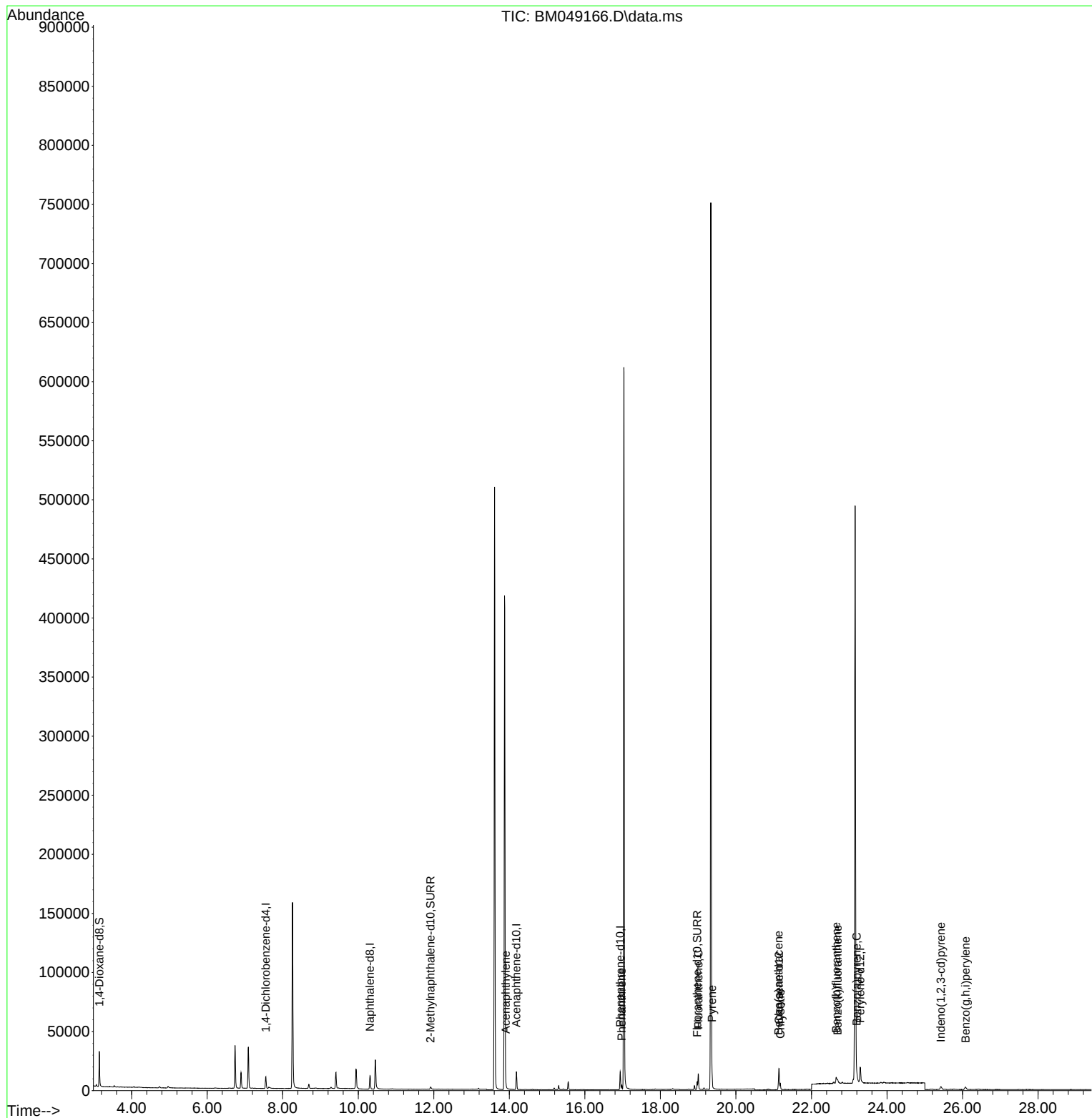
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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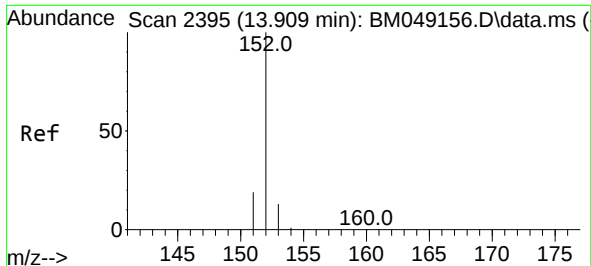
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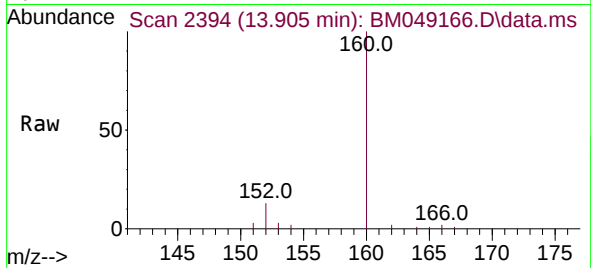
Quant Time: Dec 24 03:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 13.905 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

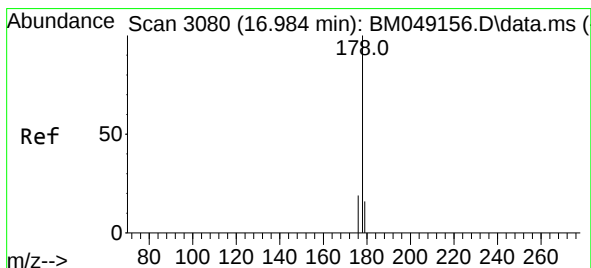
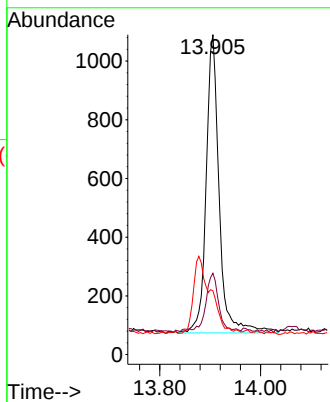
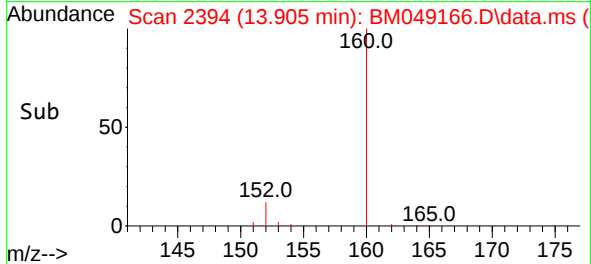
Instrument :
BNA_M
ClientSampleId :
E2AN7



Tgt Ion:152 Resp: 1830
Ion Ratio Lower Upper
152 100
151 25.4 16.0 24.0
153 19.9 11.0 16.6

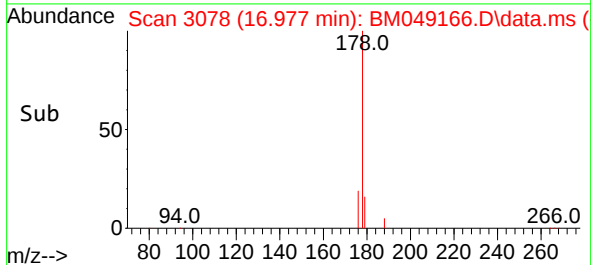
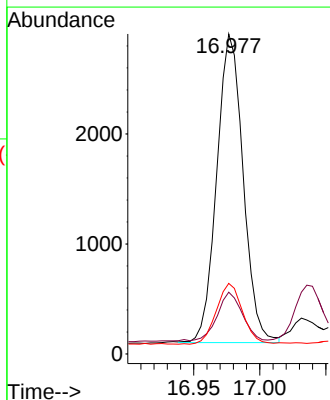
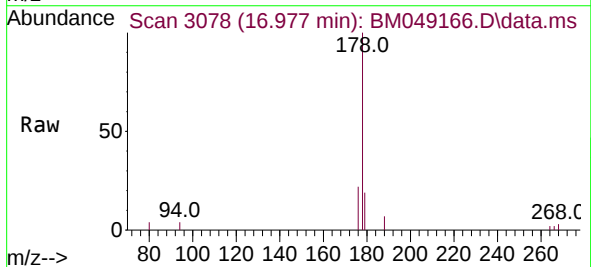
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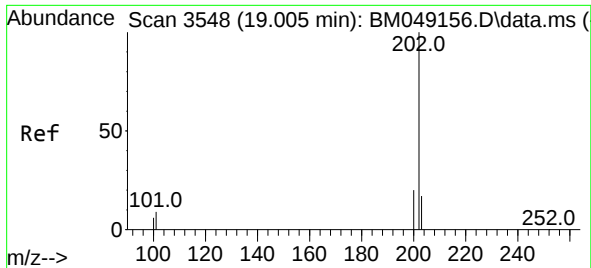
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.081 ng/ul m
RT: 16.977 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

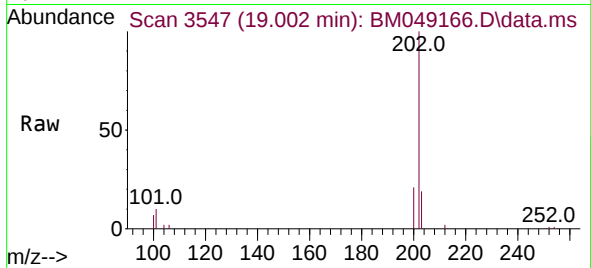
Tgt Ion:178 Resp: 3888
Ion Ratio Lower Upper
178 100
179 19.3 13.0 19.4
176 22.1 16.2 24.2





#19
Fluoranthene
Concen: 0.208 ng/ul
RT: 19.002 min Scan# 3548
Delta R.T. -0.013 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

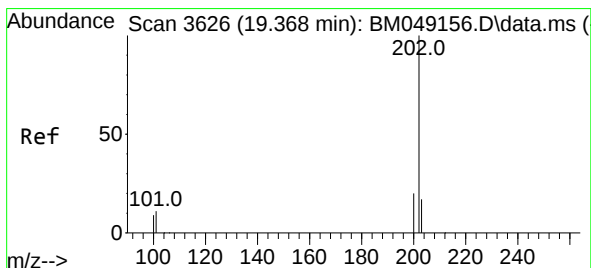
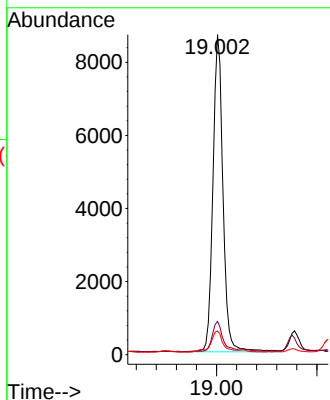
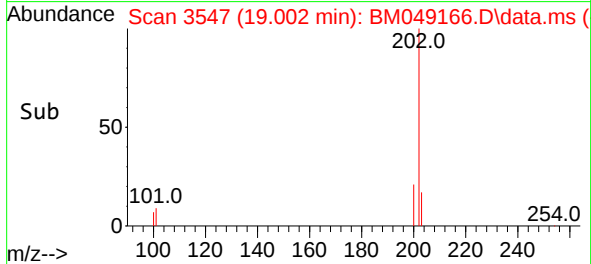
Instrument :
BNA_M
ClientSampleId :
E2AN7



Tgt Ion:202 Resp: 12035
Ion Ratio Lower Upper
202 100
101 10.4 7.6 11.4
100 7.4 5.5 8.3

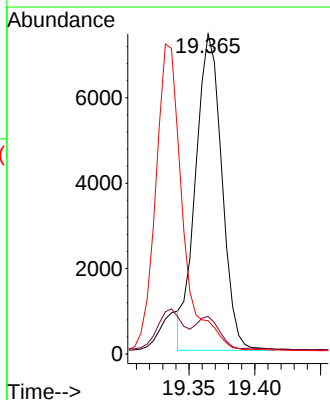
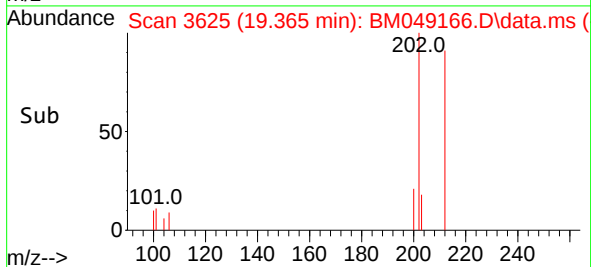
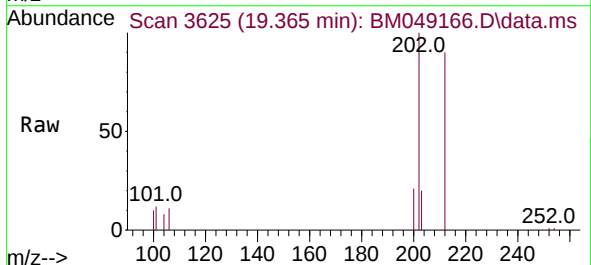
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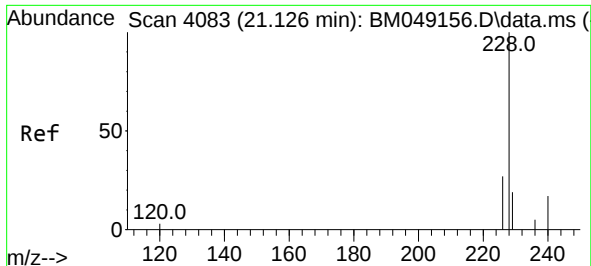
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 0.167 ng/ul m
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

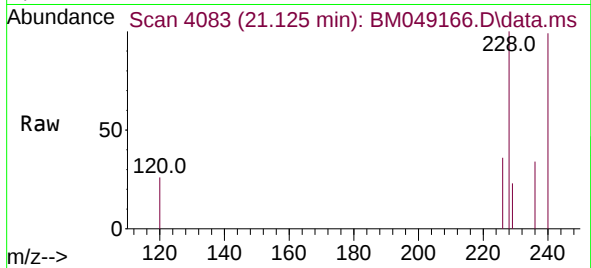
Tgt Ion:202 Resp: 10284
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
100 10.4 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.076 ng/ul m
RT: 21.125 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

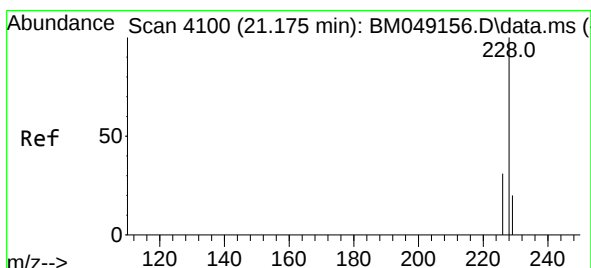
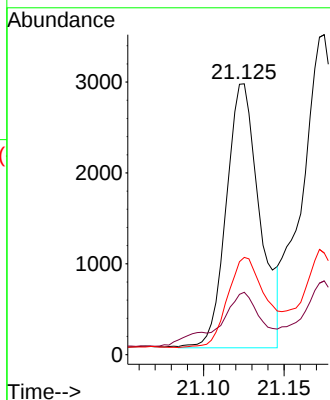
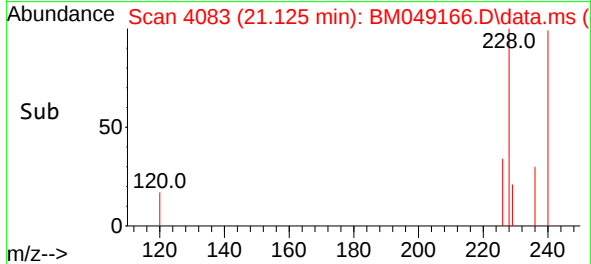
Instrument :
BNA_M
ClientSampleId :
E2AN7



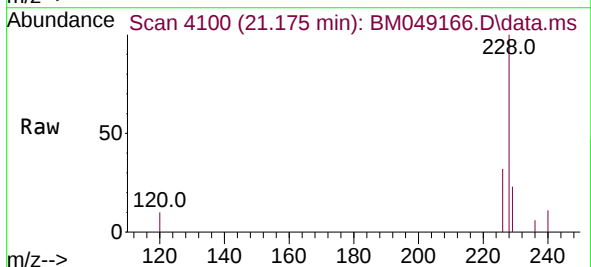
Tgt Ion:228 Resp: 4209
Ion Ratio Lower Upper
228 100
229 23.0 15.9 23.9
226 35.9 22.6 34.0

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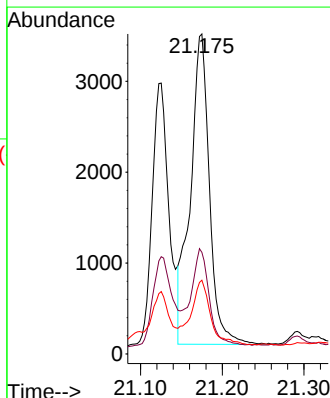
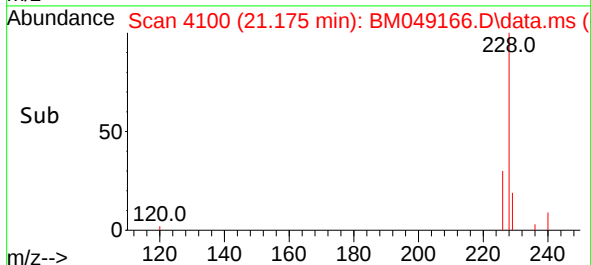
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

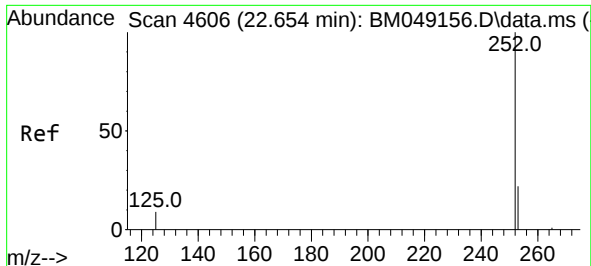


#22
Chrysene
Concen: 0.094 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28



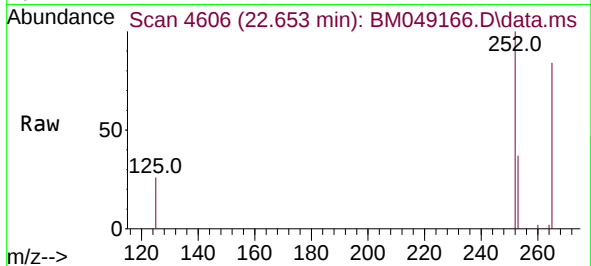
Tgt Ion:228 Resp: 5579
Ion Ratio Lower Upper
228 100
226 31.7 24.1 36.1
229 23.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.178 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

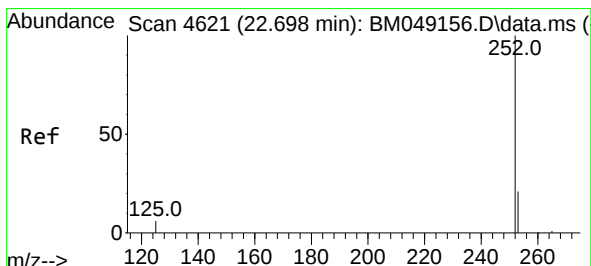
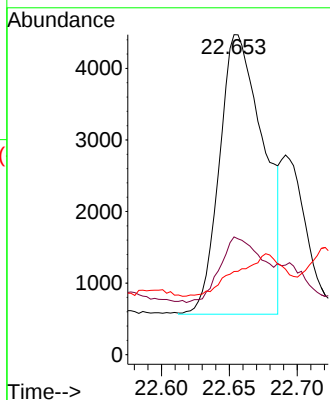
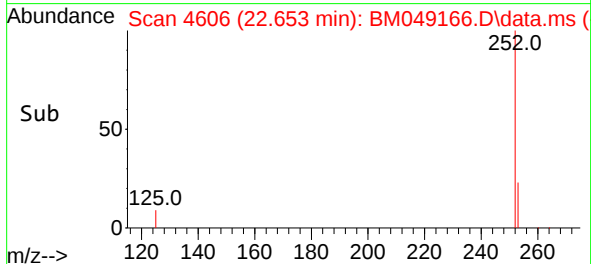
Instrument :
BNA_M
ClientSampleId :
E2AN7



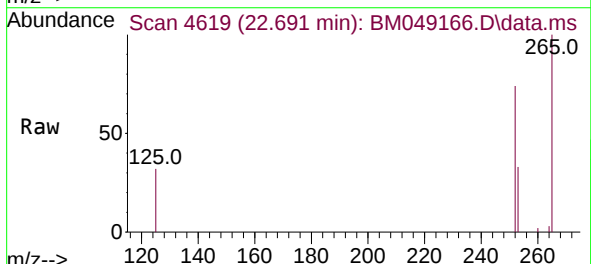
Tgt Ion:252 Resp: 8780
Ion Ratio Lower Upper
252 100
253 36.8 0.0 52.6
125 26.0 0.0 30.8

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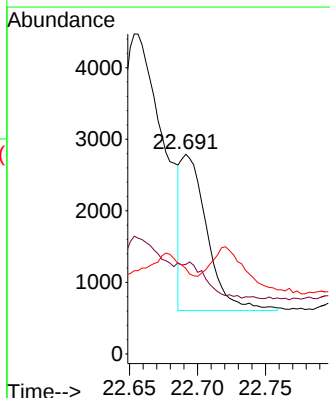
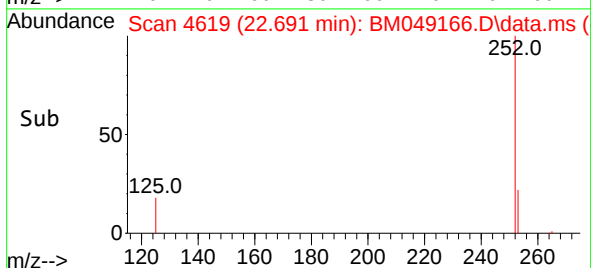
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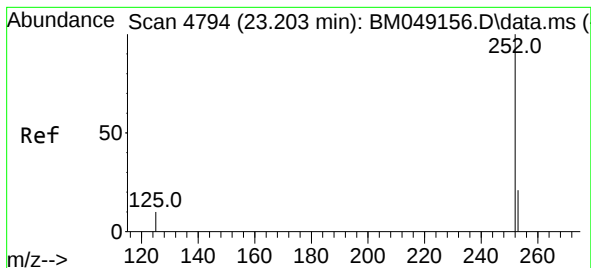


#25
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 22.691 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28



Tgt Ion:252 Resp: 2932
Ion Ratio Lower Upper
252 100
253 44.9 21.3 31.9#
125 42.8 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.106 ng/ul

RT: 23.197 min Scan# 4792

Delta R.T. -0.012 min

Lab File: BM049166.D

Acq: 24 Dec 2024 03:28

Instrument :

BNM

ClientSampleId :

E2AN7

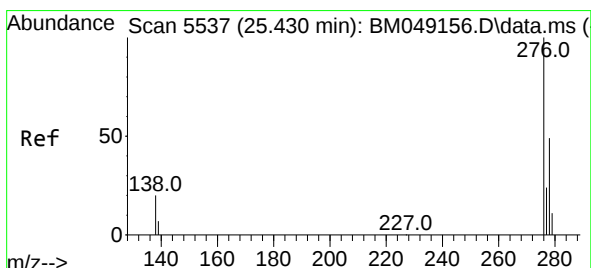
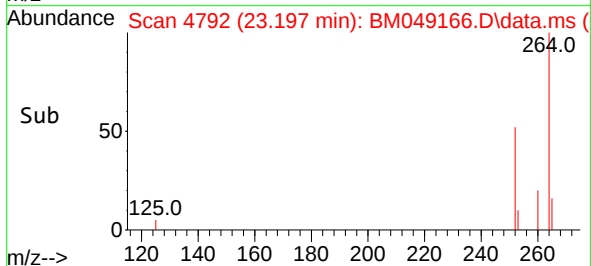
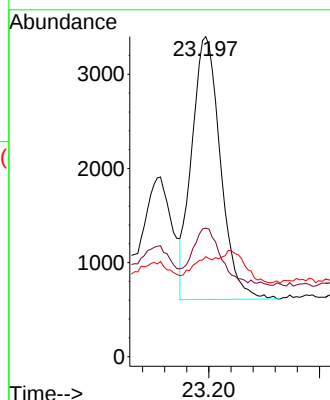
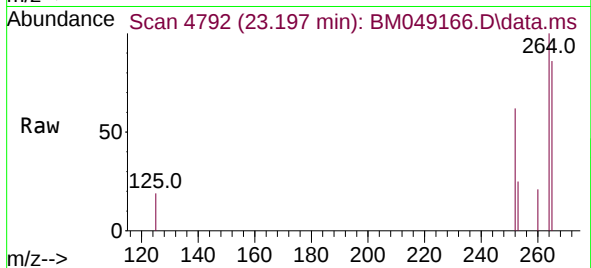
Tgt Ion:	252	Resp:	5014
Ion Ratio	Lower	Upper	
252	100		
253	40.1	22.4	33.6
125	31.3	14.8	22.2

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.067 ng/ul

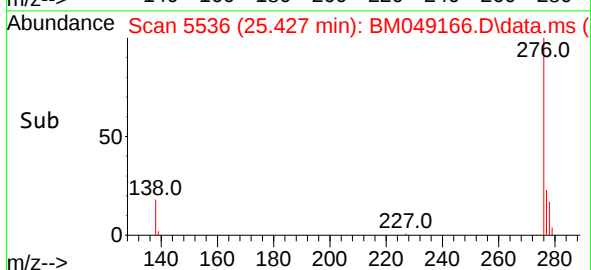
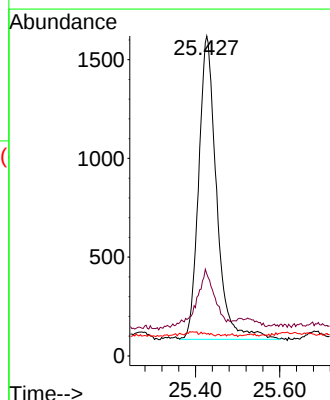
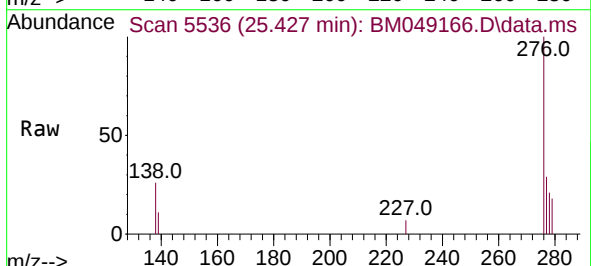
RT: 25.427 min Scan# 5536

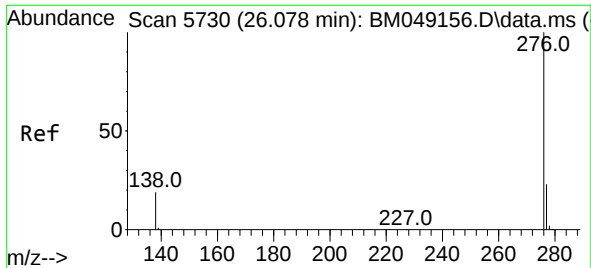
Delta R.T. -0.021 min

Lab File: BM049166.D

Acq: 24 Dec 2024 03:28

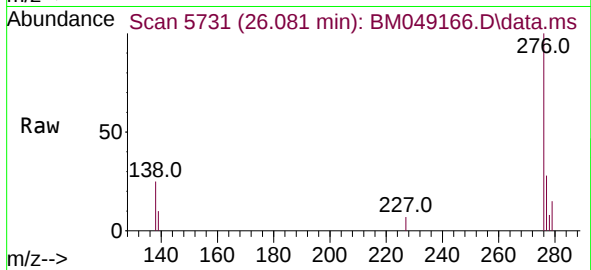
Tgt Ion:	276	Resp:	4514
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.4	26.2
227	0.5	0.2	0.2





#29
Benzo(g,h,i)perylene
Concen: 0.087 ng/ul
RT: 26.081 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM049166.D
Acq: 24 Dec 2024 03:28

Instrument :
BNA_M
ClientSampleId :
E2AN7



Tgt Ion:276 Resp: 470
Ion Ratio Lower Upper
276 100
138 25.0 16.7 25.1
277 28.2 19.9 29.9

Manual Integrations
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