

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049186.D
 Acq On : 24 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5302-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AR6

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 21:41:08 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	7.548	152	6358	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	19603	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	10791	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	24115m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	20891m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	20721m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30549	4.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7152	0.271	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	14773	0.249	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.905	152	2110	0.047	ng/ul#	86
15) Phenanthrene	16.977	178	9429m	0.150	ng/ul	
19) Fluoranthene	19.002	202	25450	0.337	ng/ul	99
20) Pyrene	19.365	202	19685m	0.244	ng/ul	
21) Benzo(a)anthracene	21.122	228	7867m	0.108	ng/ul	
22) Chrysene	21.172	228	11755	0.151	ng/ul	97
24) Benzo(b)fluoranthene	22.656	252	15598m	0.236	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	6031m	0.083	ng/ul	
26) Benzo(a)pyrene	23.197	252	8459	0.133	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.427	276	7780	0.087	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.433	278	1693	0.024	ng/ul#	19
29) Benzo(g,h,i)perylene	26.074	276	7521	0.104	ng/ul#	92

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

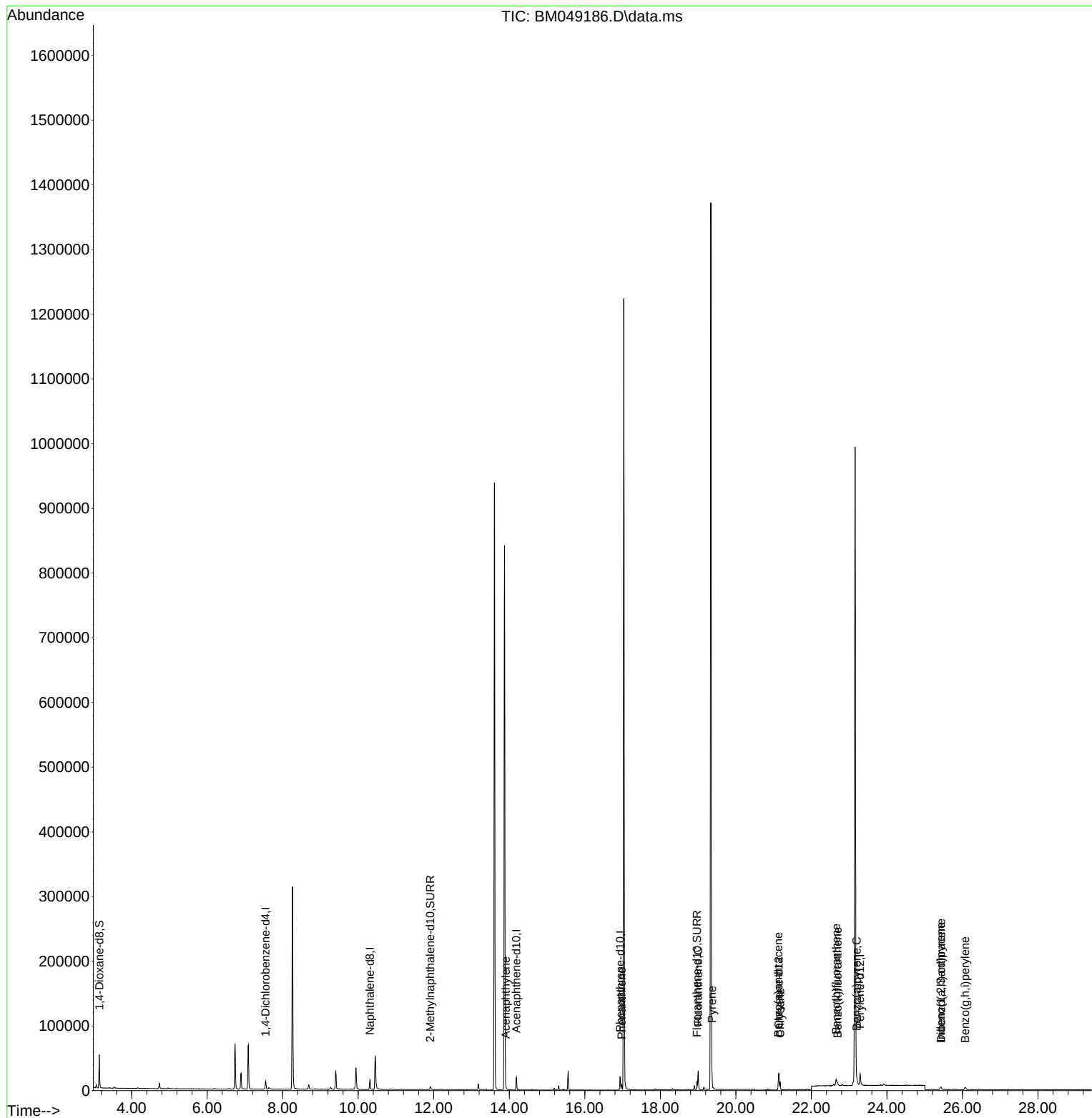
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049186.D
Acq On : 24 Dec 2024 15:55
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ALS Vial : 50 Sample Multiplier: 1

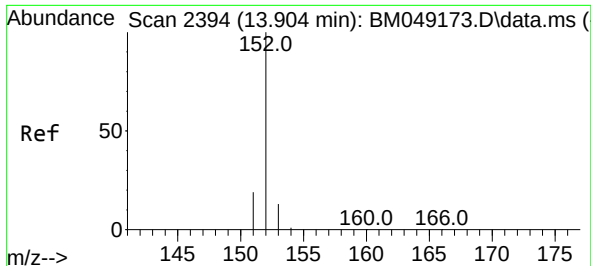
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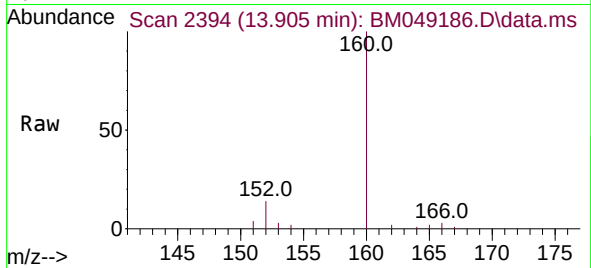
Quant Time: Dec 24 21:41:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.905 min Scan# 2110
Delta R.T. -0.013 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

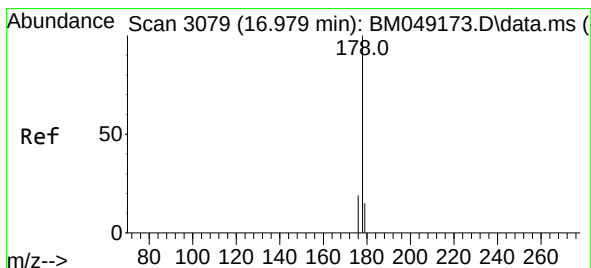
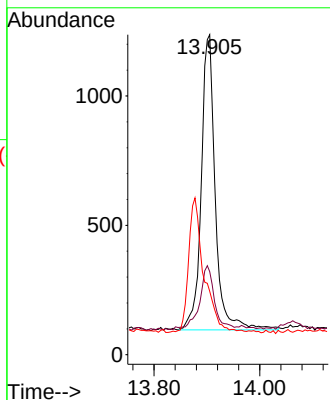
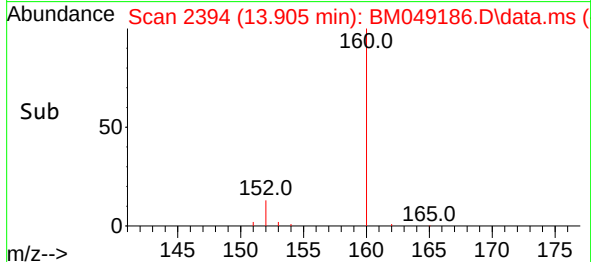
Instrument :
BNA_M
ClientSampleId :
E2AR6



Tgt Ion:152 Resp: 2110
Ion Ratio Lower Upper
152 100
151 25.9 16.0 24.0
153 19.8 11.0 16.6

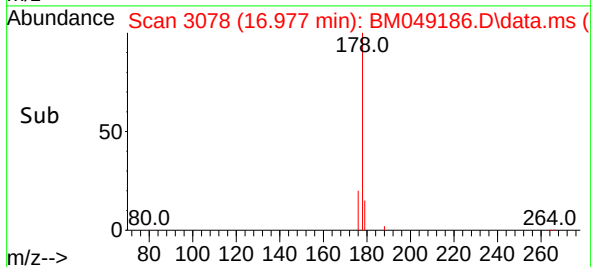
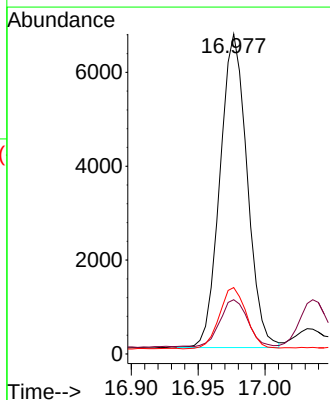
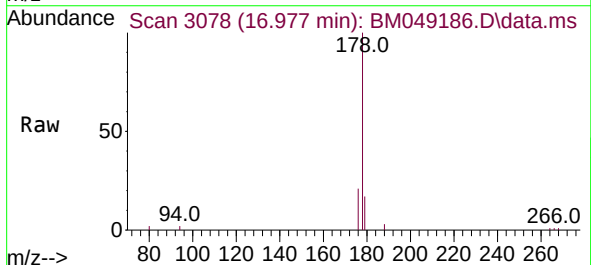
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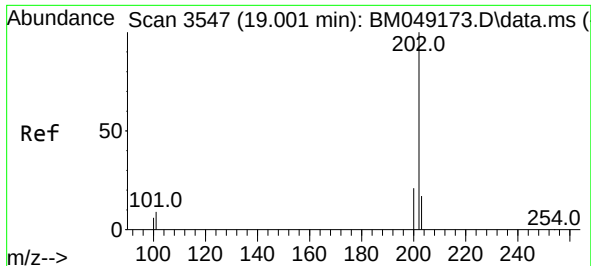
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.150 ng/ul m
RT: 16.977 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

Tgt Ion:178 Resp: 9429
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.8 16.2 24.2





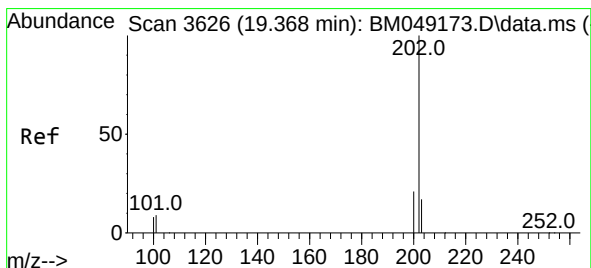
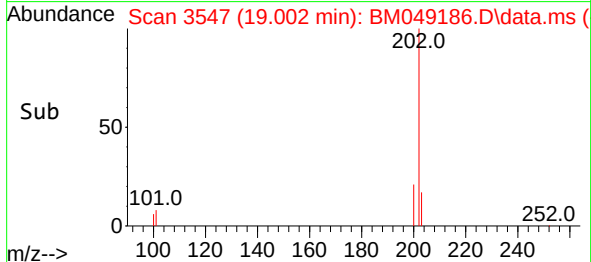
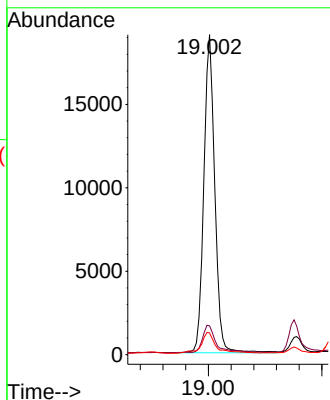
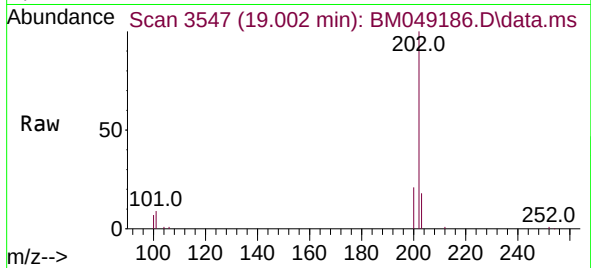
#19
Fluoranthene
Concen: 0.337 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

Instrument :
BNA_M
ClientSampleId :
E2AR6

Tgt Ion:202 Resp: 25450
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 6.8 5.5 8.3

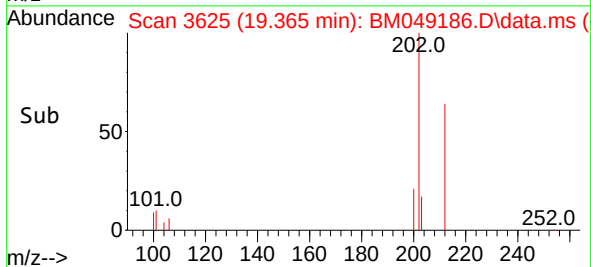
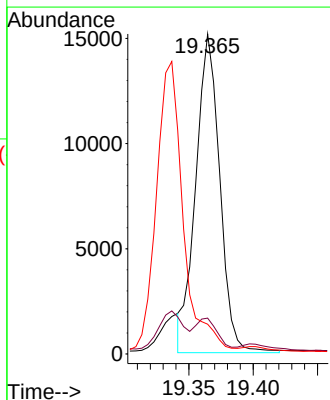
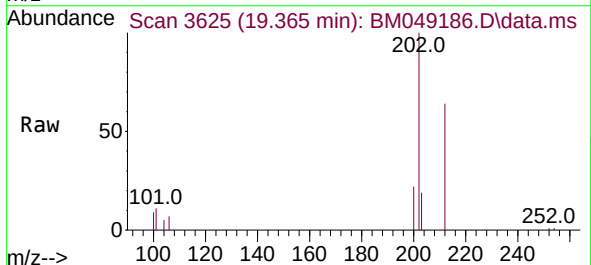
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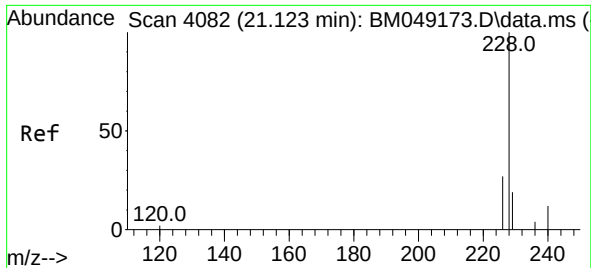
Reviewed By :Yogesh Patel 12/25/2024
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#20
Pyrene
Concen: 0.244 ng/ul m
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

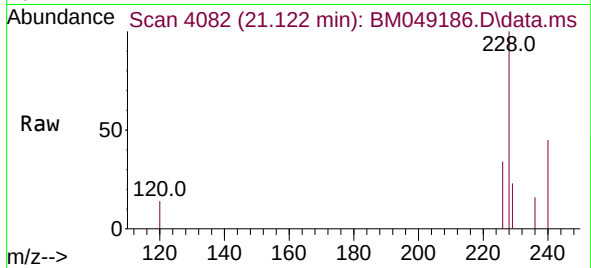
Tgt Ion:202 Resp: 19685
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 9.3 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.108 ng/ul m
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

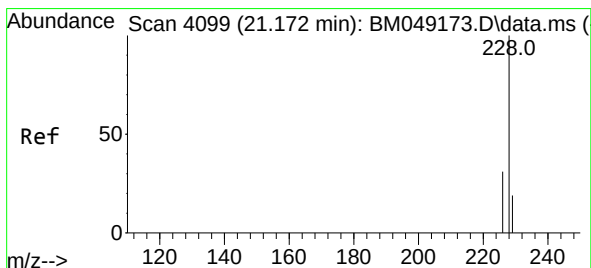
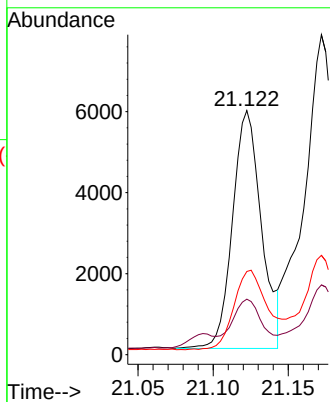
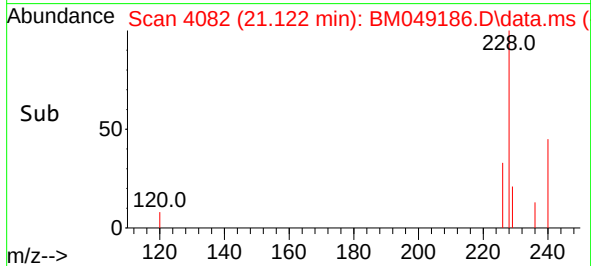
Instrument :
BNA_M
ClientSampleId :
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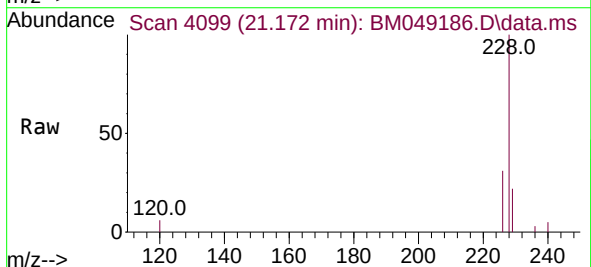
Tgt Ion:228 Resp: 786
Ion Ratio Lower Upper
228 100
229 22.7 15.9 23.9
226 34.1 22.6 34.0

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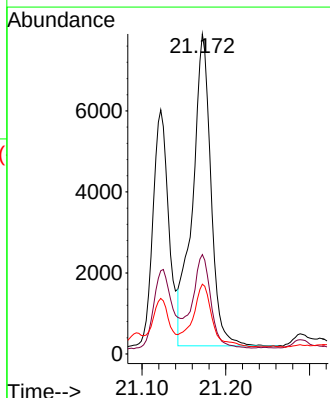
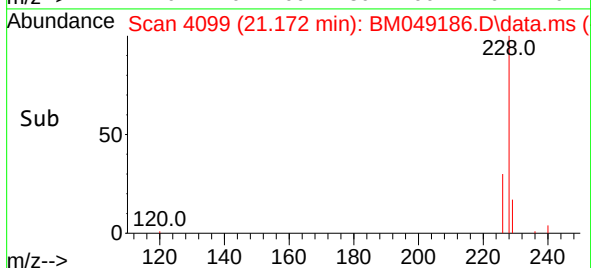
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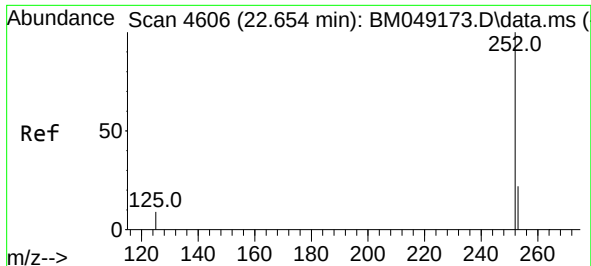


#22
Chrysene
Concen: 0.151 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55



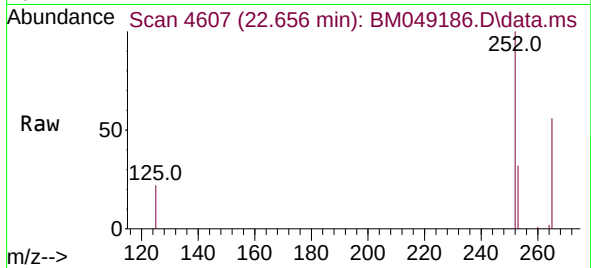
Tgt Ion:228 Resp: 11755
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 21.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul m
RT: 22.656 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

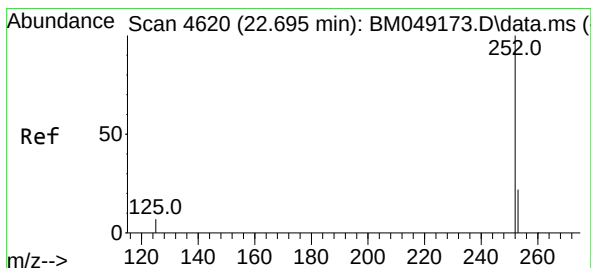
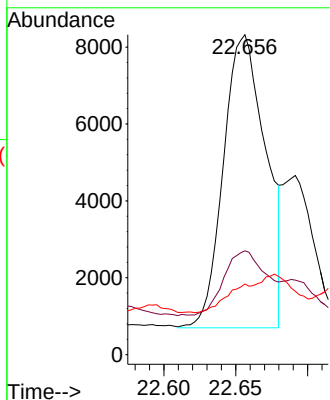
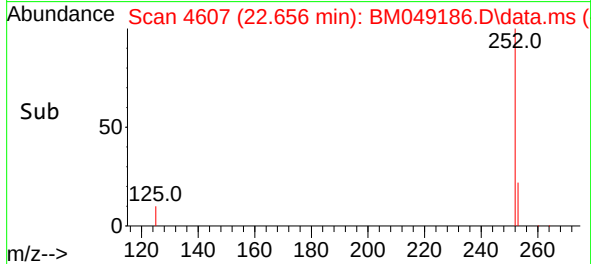
Instrument :
BNA_M
ClientSampleId :
E2AR6



Tgt Ion:252 Resp: 15598
Ion Ratio Lower Upper
252 100
253 32.5 0.0 52.6
125 22.1 0.0 30.8

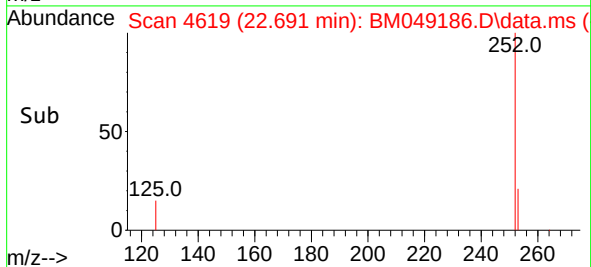
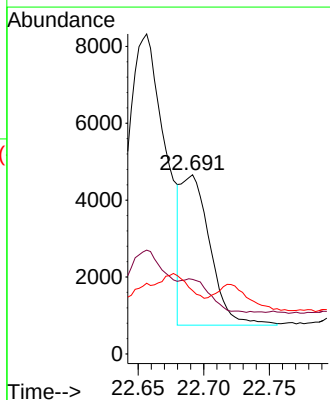
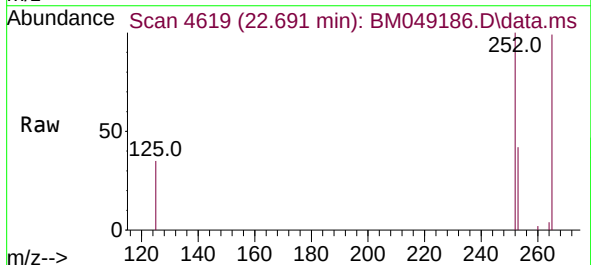
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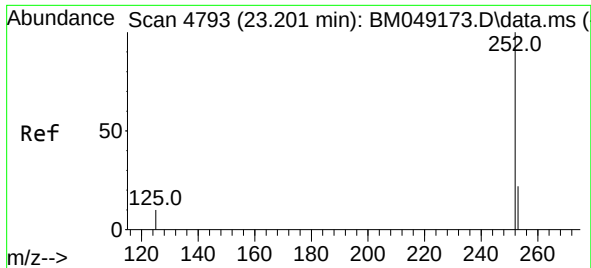
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#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul m
RT: 22.691 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

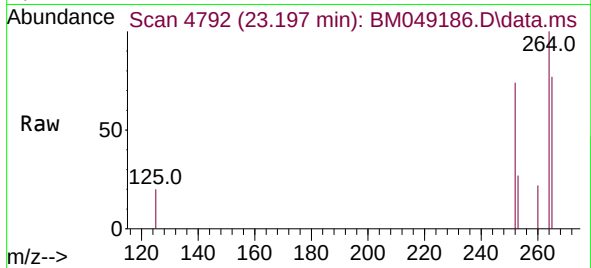
Tgt Ion:252 Resp: 6031
Ion Ratio Lower Upper
252 100
253 41.6 21.3 31.9#
125 35.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.133 ng/ul
RT: 23.197 min Scan# 4792
Delta R.T. -0.012 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

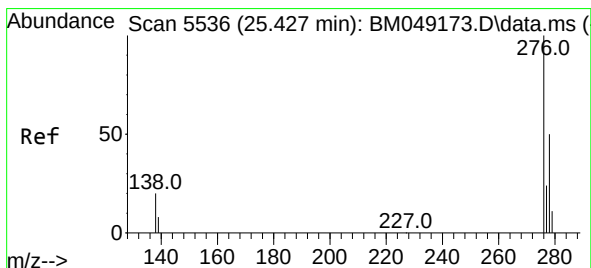
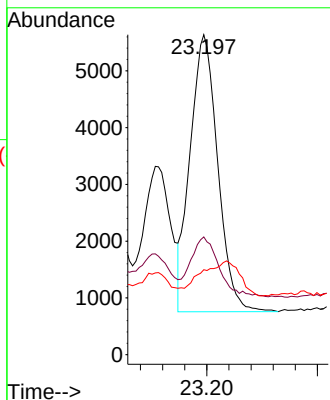
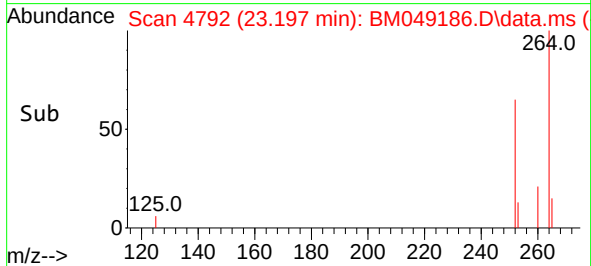
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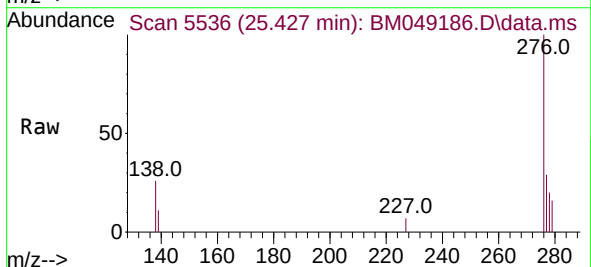
Tgt Ion:252 Resp: 8459
Ion Ratio Lower Upper
252 100
253 36.8 22.4 33.6
125 26.6 14.8 22.2

Manual Integrations
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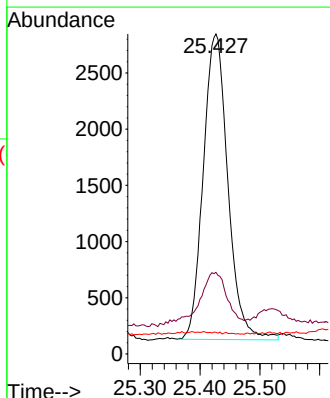
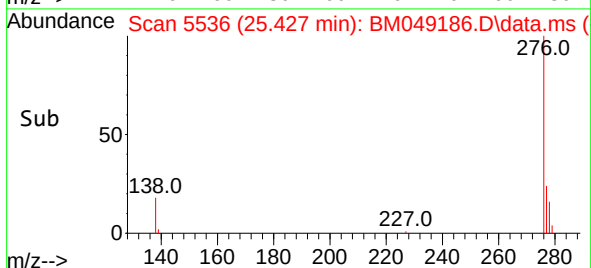
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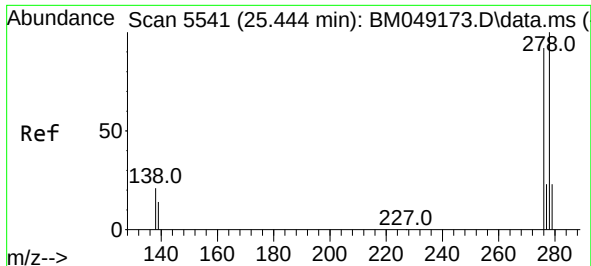


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.021 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55



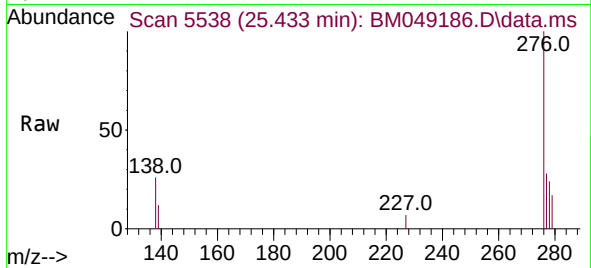
Tgt Ion:276 Resp: 7780
Ion Ratio Lower Upper
276 100
138 21.4 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.034 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55

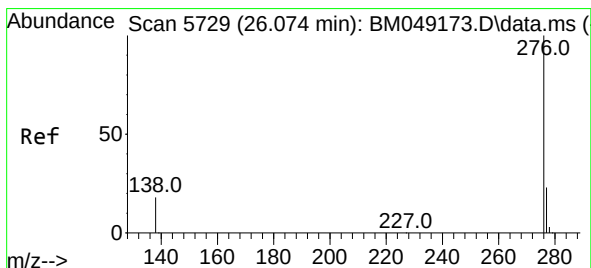
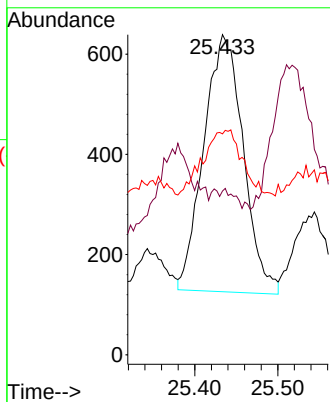
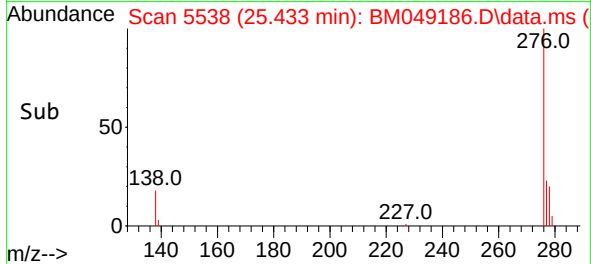
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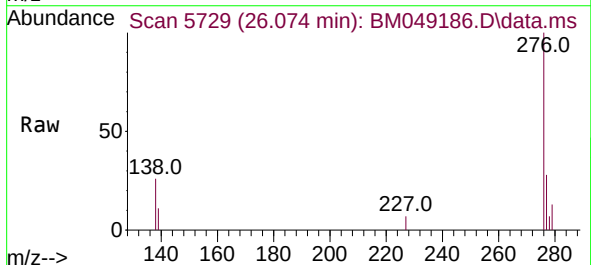
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Ion Ratio Lower Upper
278 100
139 51.2 13.5 20.3
279 69.0 21.5 32.3

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



#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.021 min
Lab File: BM049186.D
Acq: 24 Dec 2024 15:55



Tgt Ion:276 Resp: 7521
Ion Ratio Lower Upper
276 100
138 26.5 16.7 25.1
277 27.5 19.9 29.9

