

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049167.D
 Acq On : 24 Dec 2024 04:03
 Operator : RC/JU
 Sample : P5302-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AP8

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 04:30:54 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	5518	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	16467	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	9155	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	20400m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.140	240	18408m	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	18041m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	34712	5.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	8209	0.371	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	18920	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.905	152	2573	0.068	ng/ul#	91
15) Phenanthrene	16.976	178	5150m	0.097	ng/ul	
19) Fluoranthene	19.002	202	16674	0.251	ng/ul	99
20) Pyrene	19.365	202	13951m	0.197	ng/ul	
21) Benzo(a)anthracene	21.122	228	6028	0.094	ng/ul	93
22) Chrysene	21.175	228	7817	0.114	ng/ul	95
24) Benzo(b)fluoranthene	22.656	252	12373m	0.215	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	4311m	0.068	ng/ul	
26) Benzo(a)pyrene	23.200	252	7131	0.129	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.430	276	6306	0.081	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.437	278	1422	0.023	ng/ul#	21
29) Benzo(g,h,i)perylene	26.077	276	6550	0.104	ng/ul#	92

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

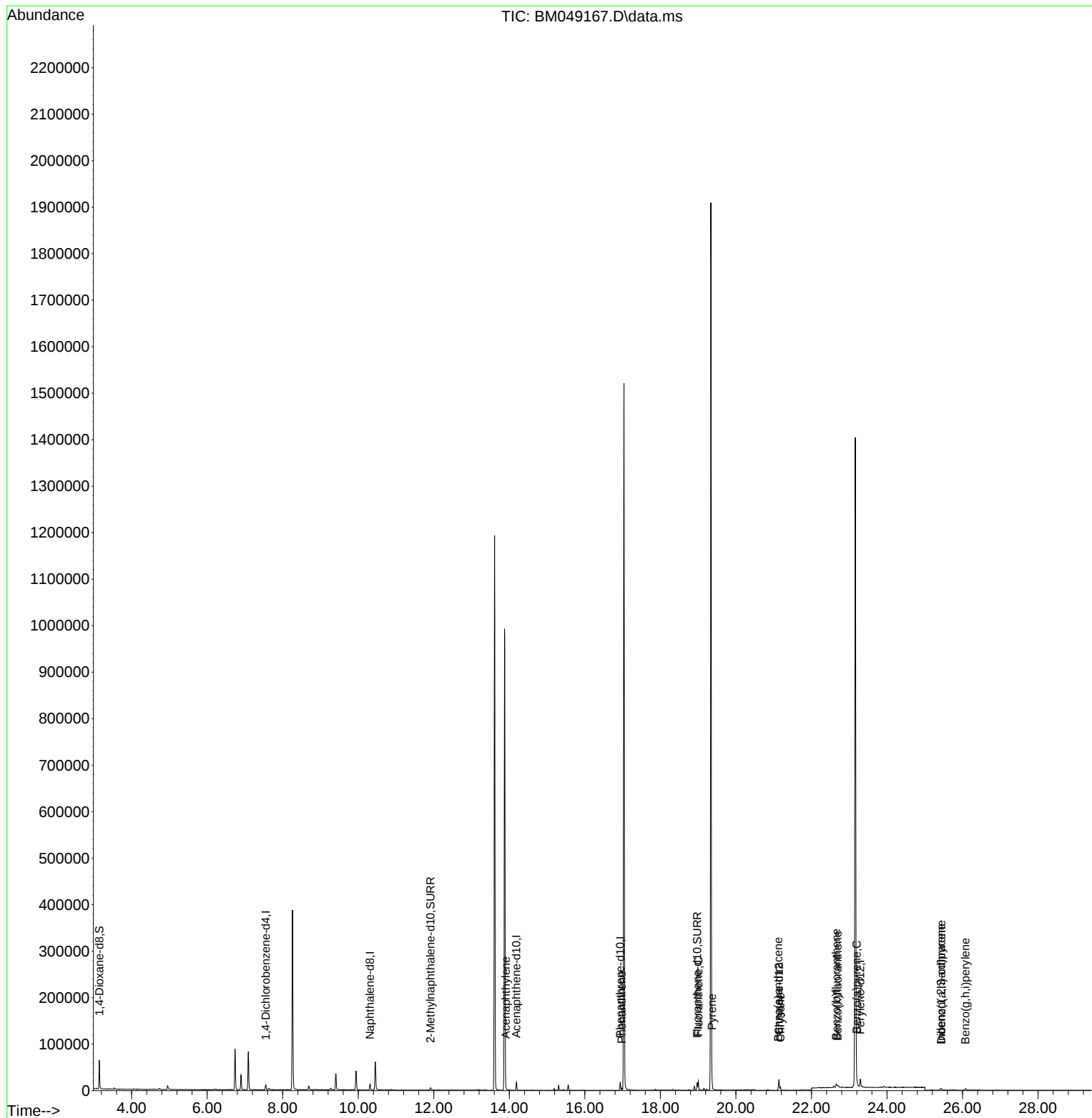
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049167.D
Acq On : 24 Dec 2024 04:03
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ALS Vial : 30 Sample Multiplier: 1

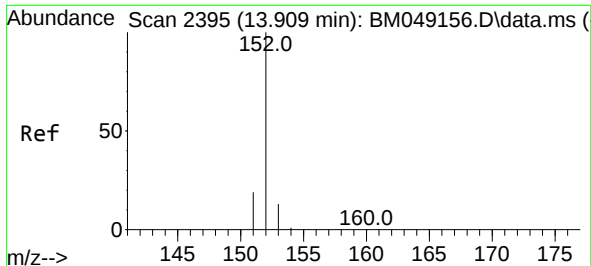
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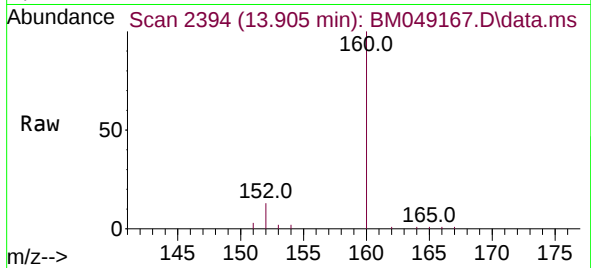
Quant Time: Dec 24 04:30:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 13.905 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

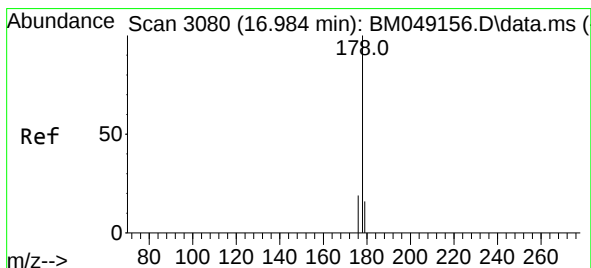
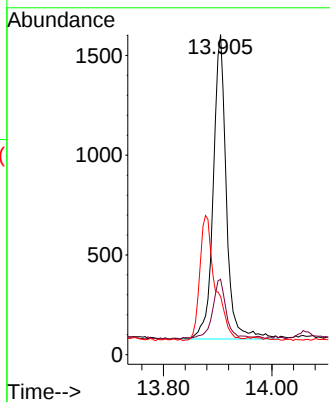
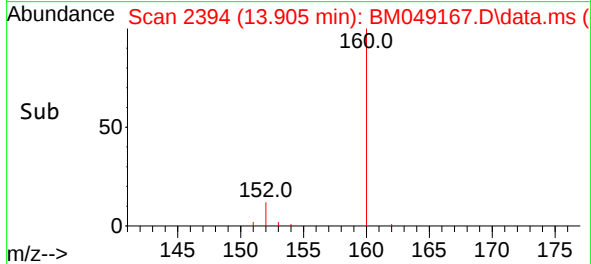
Instrument :
BNA_M
ClientSampleId :
E2AP8



Tgt Ion:152 Resp: 257
Ion Ratio Lower Upper
152 100
151 23.6 16.0 24.0
153 18.2 11.0 16.6

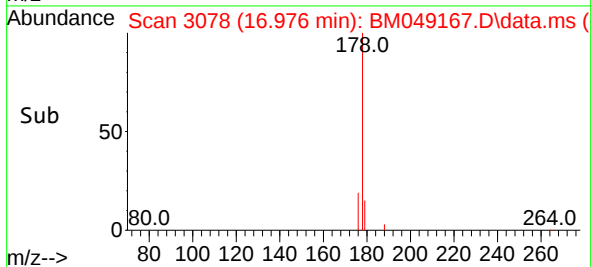
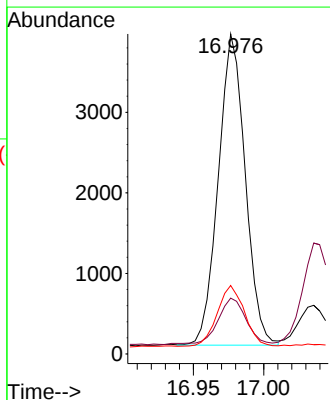
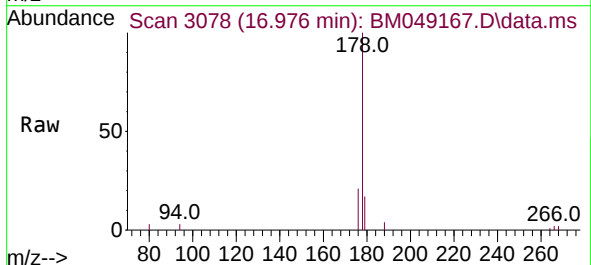
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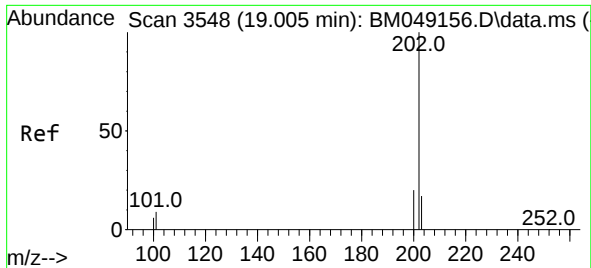
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.097 ng/ul m
RT: 16.976 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

Tgt Ion:178 Resp: 5150
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 21.4 16.2 24.2





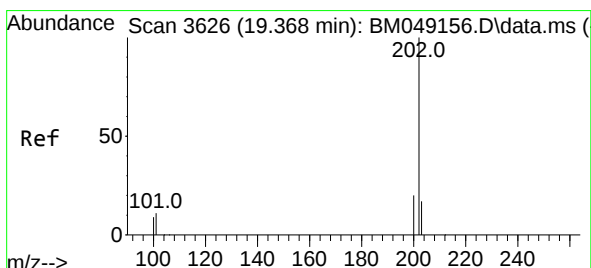
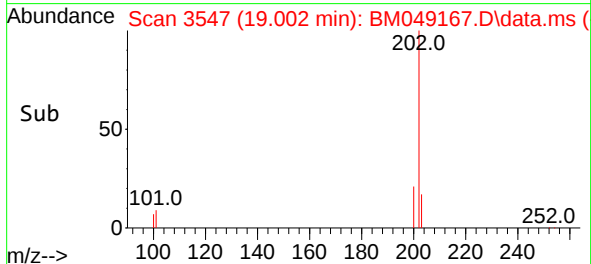
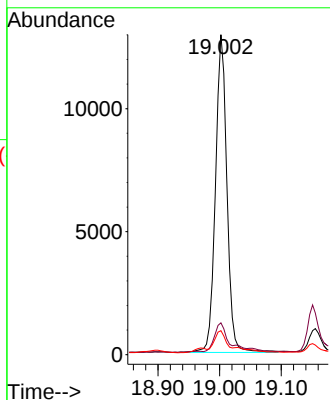
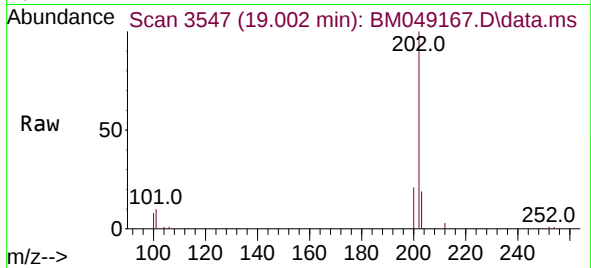
#19
Fluoranthene
Concen: 0.251 ng/ul
RT: 19.002 min Scan# 31
Delta R.T. -0.013 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 16674
Ion Ratio Lower Upper
202 100
101 9.9 7.6 11.4
100 7.5 5.5 8.3

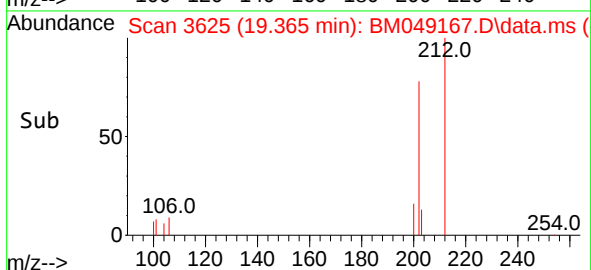
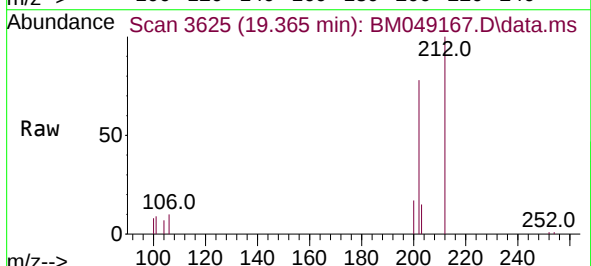
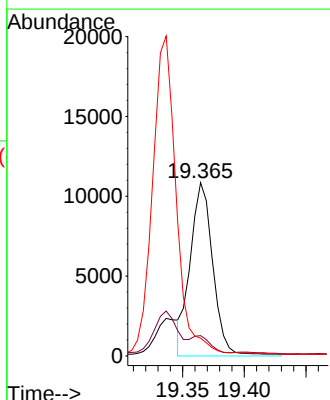
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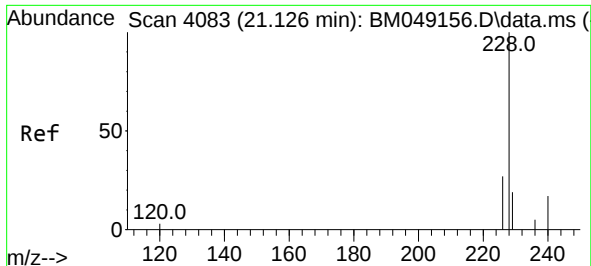
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 0.197 ng/ul m
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

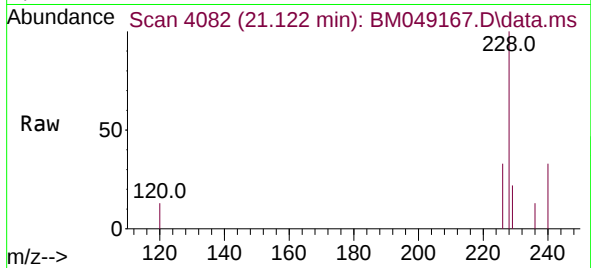
Tgt Ion:202 Resp: 13951
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
100 10.3 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

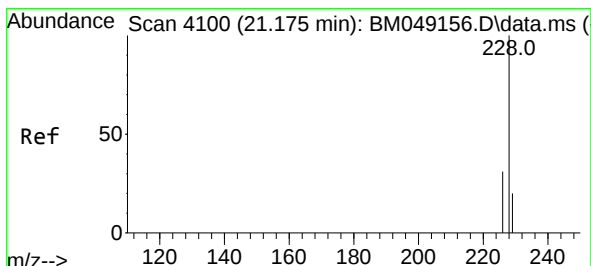
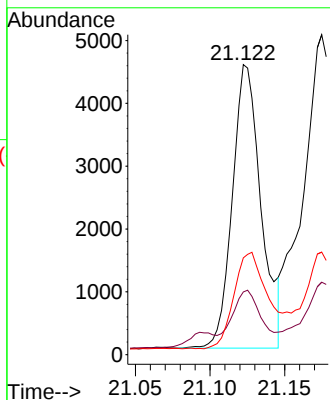
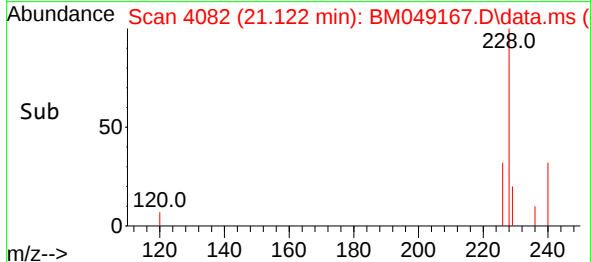
Instrument :
BNA_M
ClientSampleId :
E2AP8



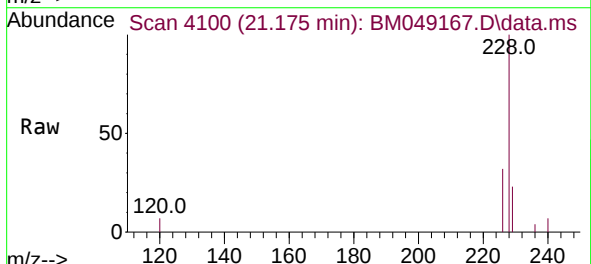
Tgt Ion:228 Resp: 6028
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 33.4 22.6 34.0

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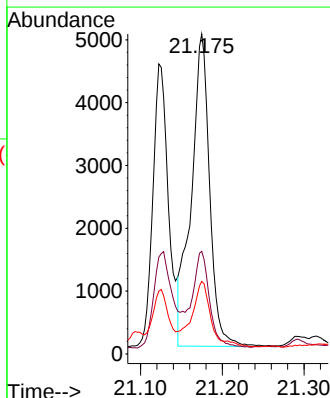
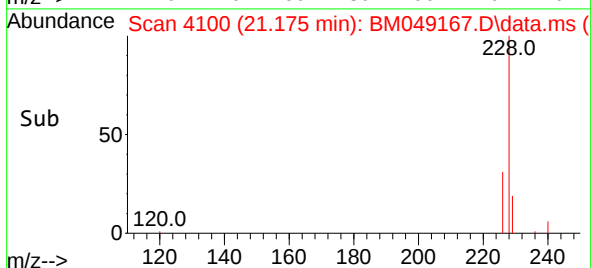
Reviewed By :Yogesh Patel 12/24/2024
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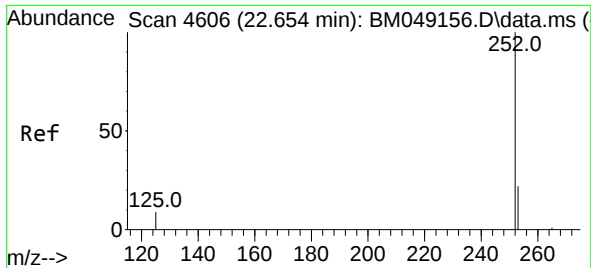


#22
Chrysene
Concen: 0.114 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03



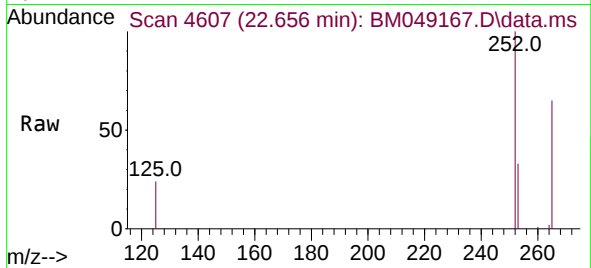
Tgt Ion:228 Resp: 7817
Ion Ratio Lower Upper
228 100
226 32.1 24.1 36.1
229 22.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.215 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

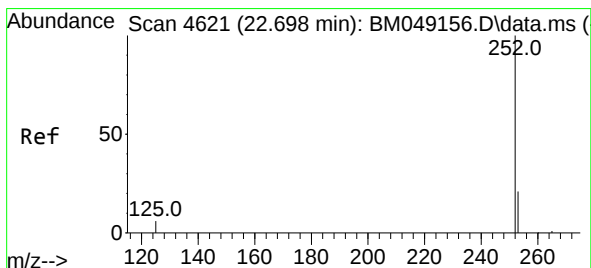
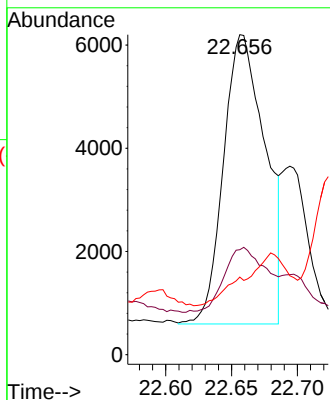
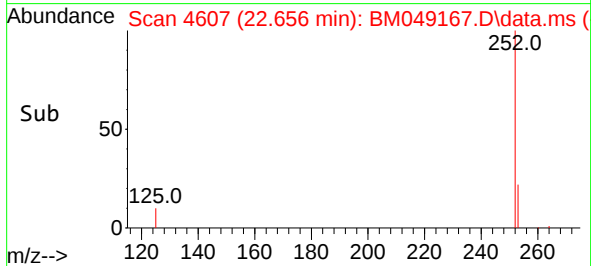
Instrument :
BNA_M
ClientSampleId :
E2AP8



Tgt Ion:252 Resp: 1237
Ion Ratio Lower Upper
252 100
253 32.8 0.0 52.6
125 24.2 0.0 30.8

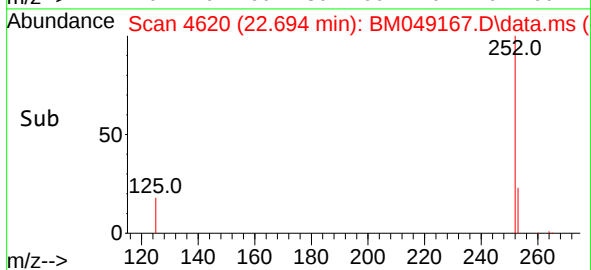
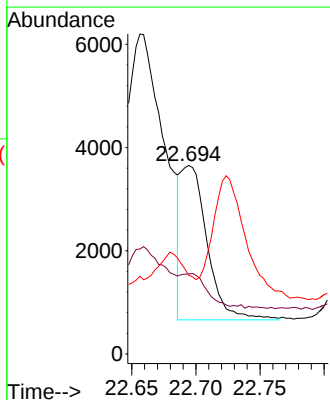
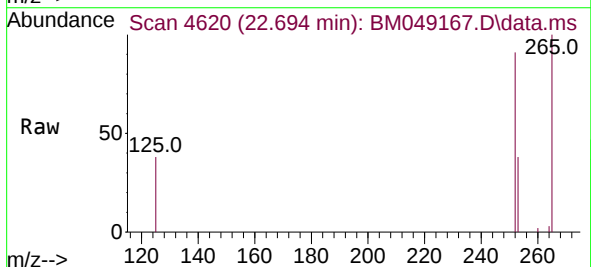
Manual Integrations
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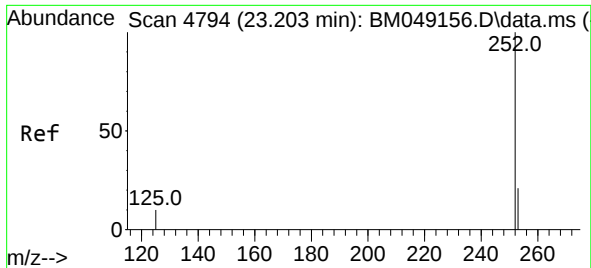
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

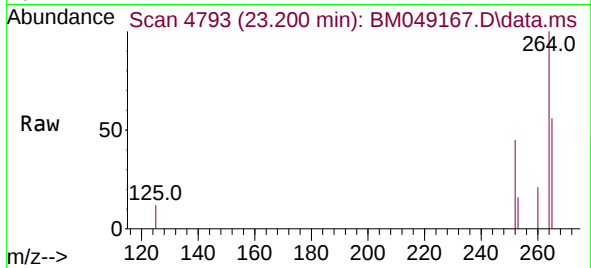
Tgt Ion:252 Resp: 4311
Ion Ratio Lower Upper
252 100
253 42.4 21.3 31.9#
125 41.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.129 ng/ul
RT: 23.200 min Scan# 4793
Delta R.T. -0.009 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

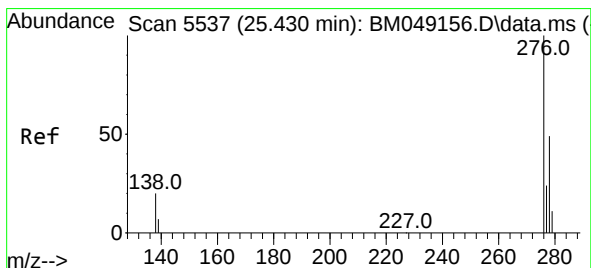
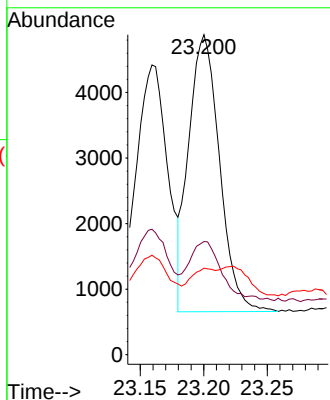
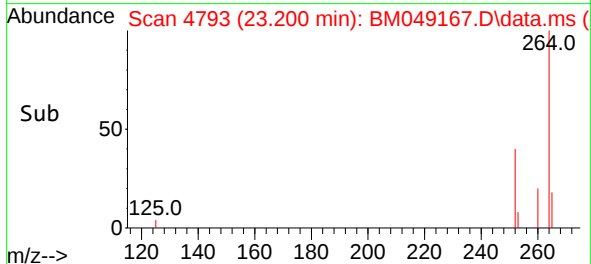
Instrument :
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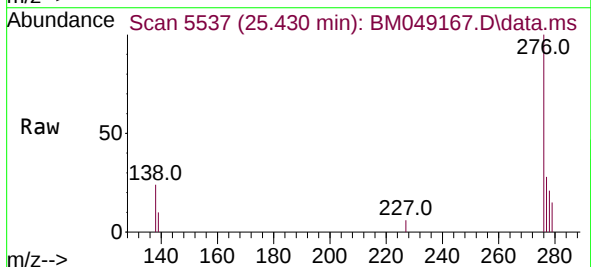
Tgt Ion:252 Resp: 713
Ion Ratio Lower Upper
252 100
253 35.3 22.4 33.6
125 27.0 14.8 22.2

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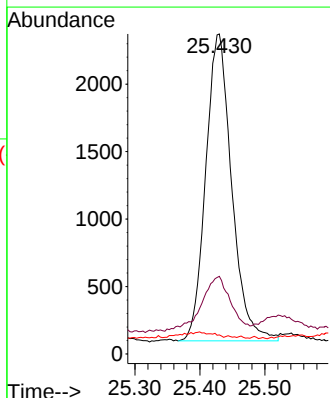
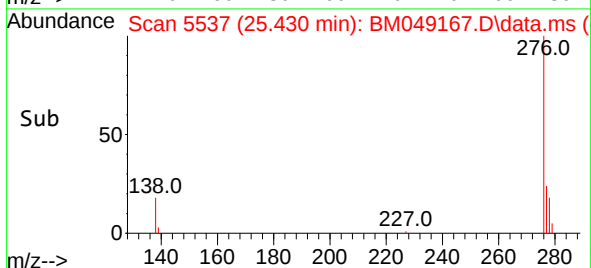
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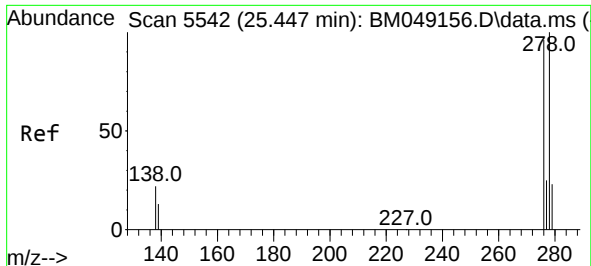


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03



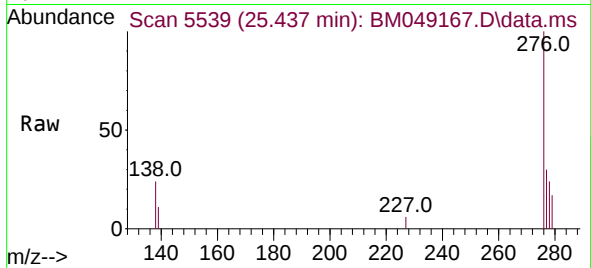
Tgt Ion:276 Resp: 6306
Ion Ratio Lower Upper
276 100
138 20.2 17.4 26.2
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.437 min Scan# 51
Delta R.T. -0.031 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

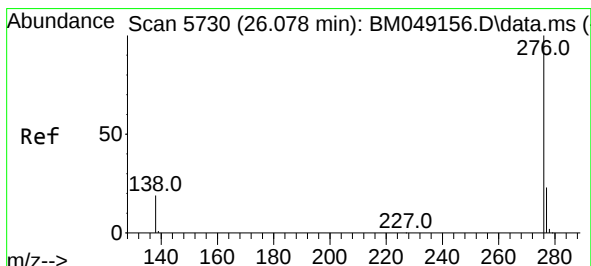
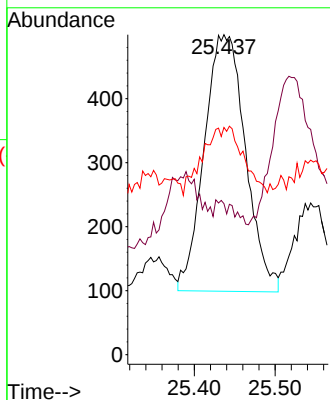
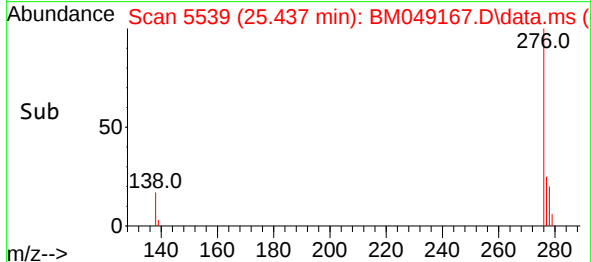
Instrument :
BNA_M
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Tgt Ion:278 Resp: 142
Ion Ratio Lower Upper
278 100
139 47.2 13.5 20.3
279 71.0 21.5 32.3

Manual Integrations
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Supervised By :mohammad ahmed 12/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049167.D
Acq: 24 Dec 2024 04:03

Tgt Ion:276 Resp: 6550
Ion Ratio Lower Upper
276 100
138 26.5 16.7 25.1#
277 27.4 19.9 29.9

