

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049081.D
 Acq On : 19 Dec 2024 22:05
 Operator : RC/JU
 Sample : P5226-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AP5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 19 22:38:52 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	7.560	152	6410	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	18964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	10047	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	21903m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	18007m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	16797m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	26218	3.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	5896	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	13161m	0.258	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.376	128	1723	0.036	ng/ul#	84
10) Acenaphthylene	13.914	152	105695	2.538	ng/ul	98
12) Fluorene	15.270	166	1393	0.041	ng/ul#	54
15) Phenanthrene	16.985	178	11119m	0.194	ng/ul	
16) Anthracene	17.078	178	26289m	0.501	ng/ul	
19) Fluoranthene	19.011	202	123430m	1.896	ng/ul	
20) Pyrene	19.374	202	119437m	1.720	ng/ul	
21) Benzo(a)anthracene	21.128	228	151794m	2.423	ng/ul	
22) Chrysene	21.181	228	146624m	2.181	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	414913m	7.732	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	147396m	2.503	ng/ul	
26) Benzo(a)pyrene	23.209	252	166494m	3.235	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276	195219m	2.680	ng/ul	
28) Dibenzo(a,h)anthracene	25.447	278	53426m	0.944	ng/ul	
29) Benzo(g,h,i)perylene	26.094	276	28043m	0.479	ng/ul	

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

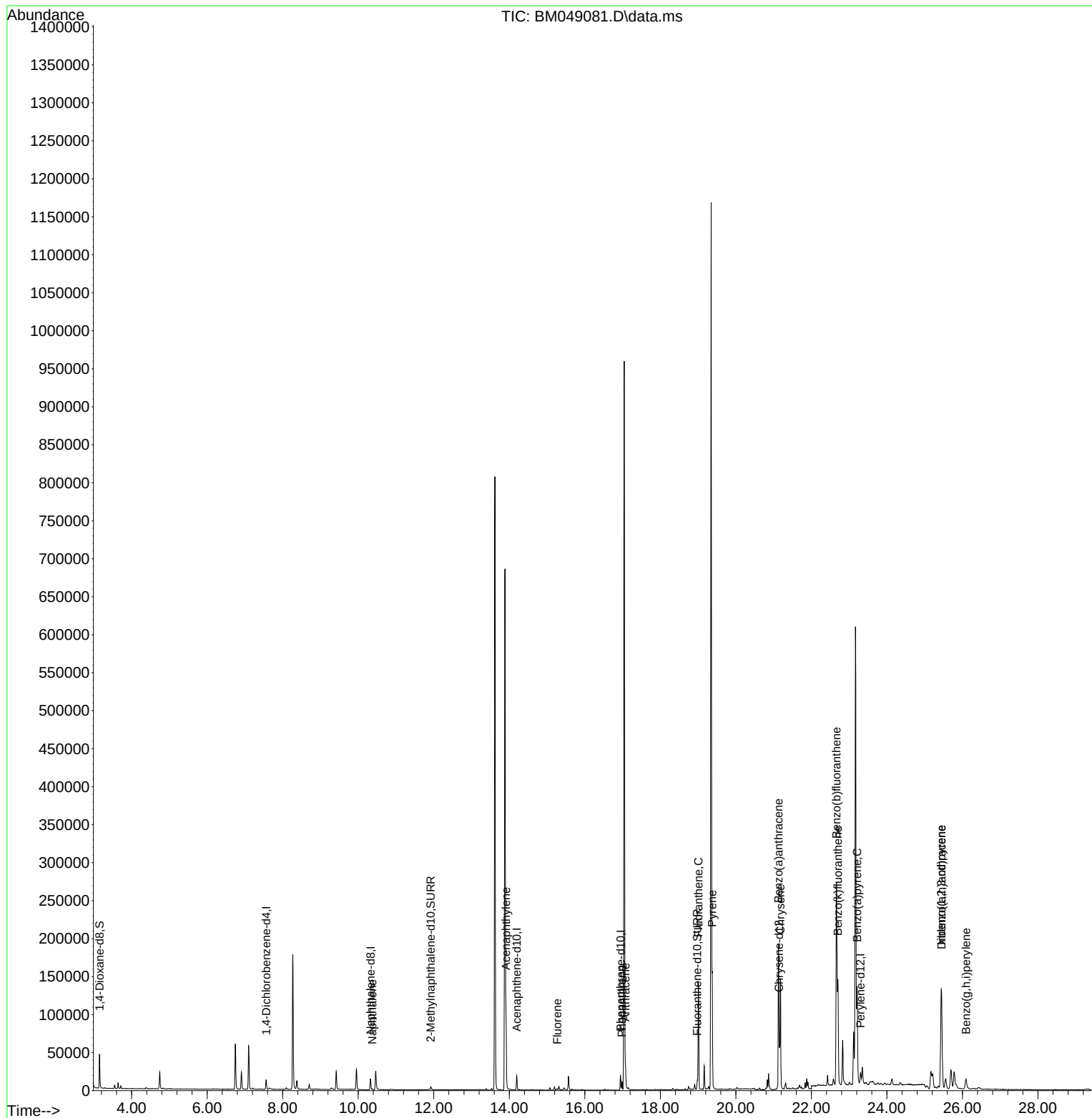
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049081.D
Acq On : 19 Dec 2024 22:05
Operator : RC/JU
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ALS Vial : 23 Sample Multiplier: 1

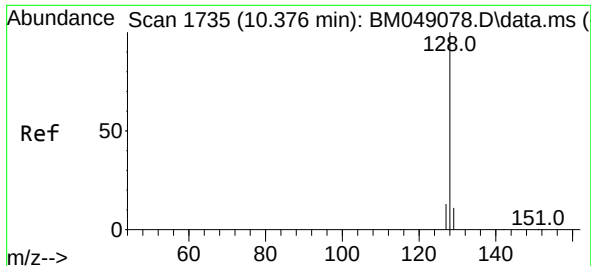
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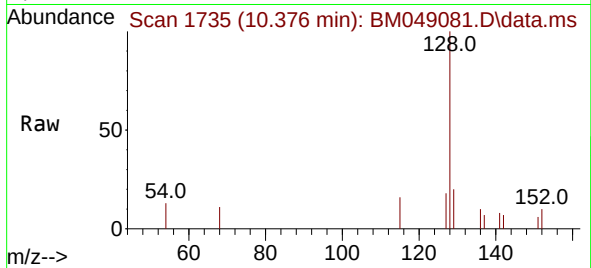
Quant Time: Dec 19 22:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/u1
RT: 10.376 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

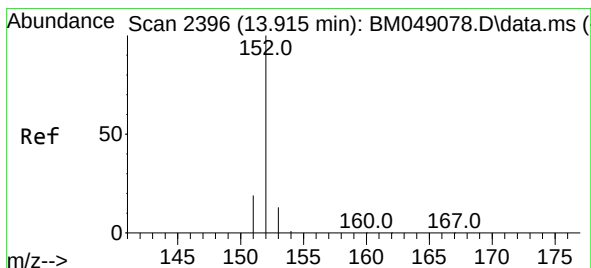
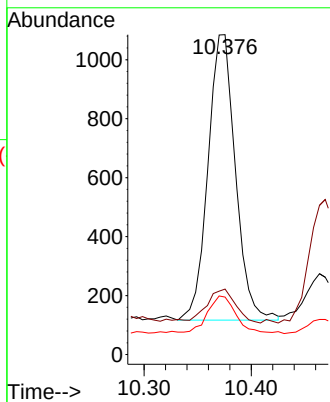
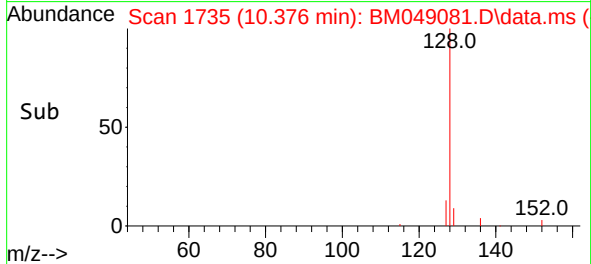
Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:128 Resp: 1723
Ion Ratio Lower Upper
128 100
129 20.5 9.7 14.5
127 18.0 10.6 16.0

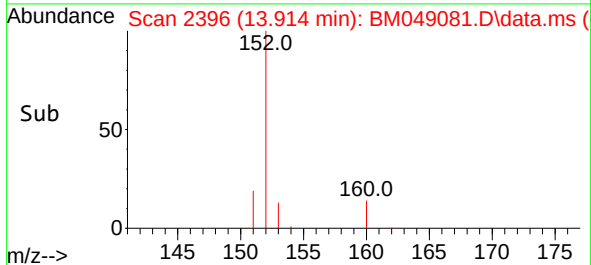
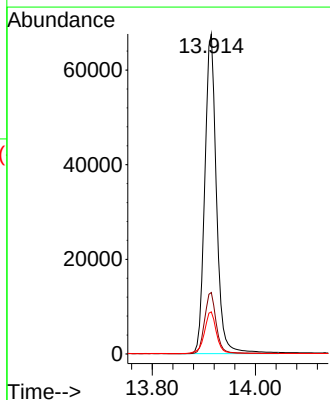
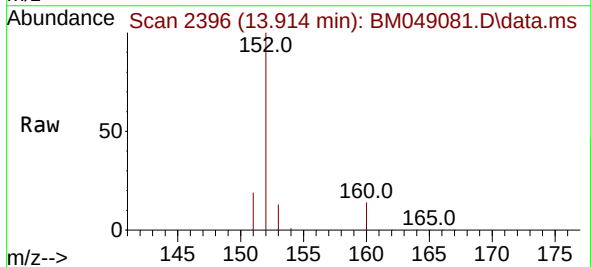
Manual Integrations
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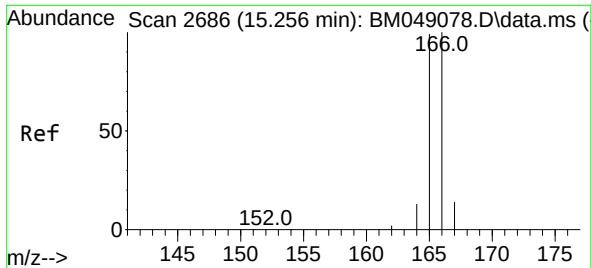
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 2.538 ng/u1
RT: 13.914 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

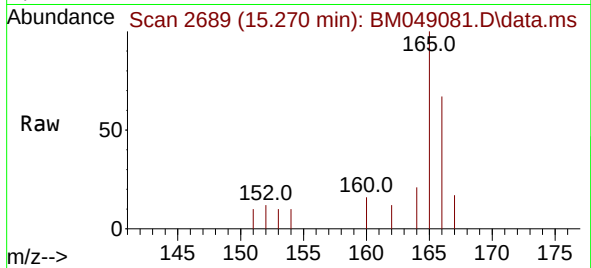
Tgt Ion:152 Resp: 105695
Ion Ratio Lower Upper
152 100
151 19.2 16.0 24.0
153 13.2 11.0 16.6





#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.270 min Scan# 20
Delta R.T. 0.015 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

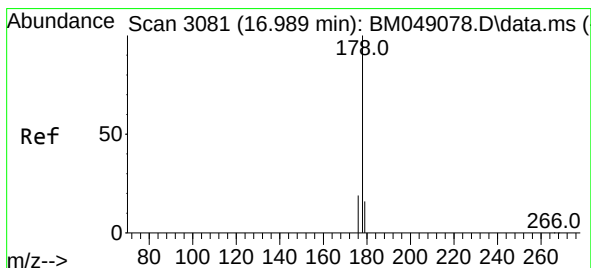
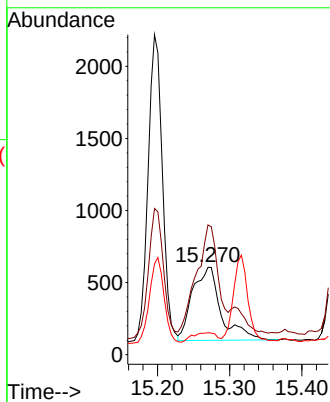
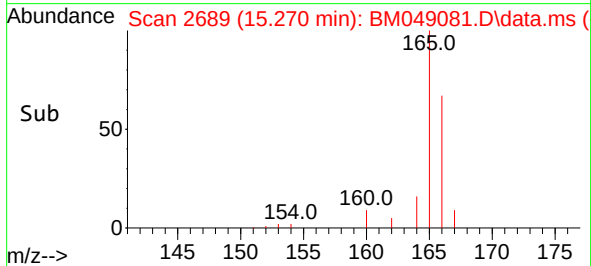
Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:166 Resp: 139
Ion Ratio Lower Upper
166 100
165 148.5 79.7 119.5
167 25.1 11.4 17.0

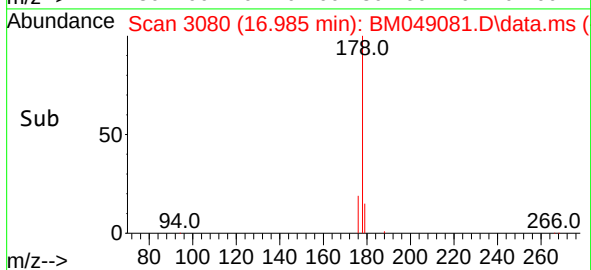
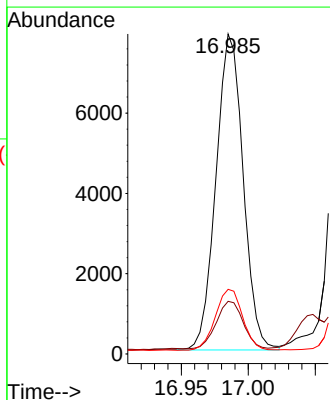
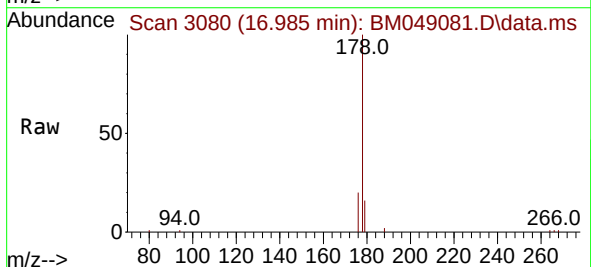
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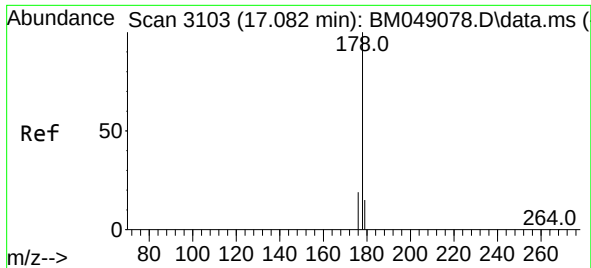
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.194 ng/ul m
RT: 16.985 min Scan# 3080
Delta R.T. -0.007 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

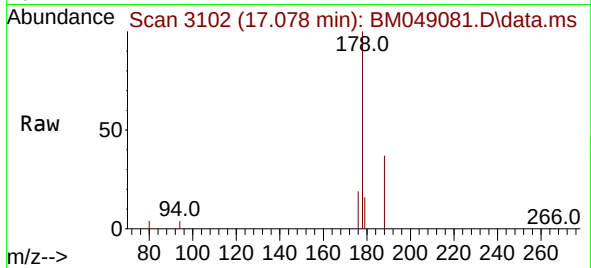
Tgt Ion:178 Resp: 11119
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.2 16.2 24.2





#16
 Anthracene
 Concen: 0.501 ng/ul m
 RT: 17.078 min Scan# 3102
 Delta R.T. -0.007 min
 Lab File: BM049081.D
 Acq: 19 Dec 2024 22:05

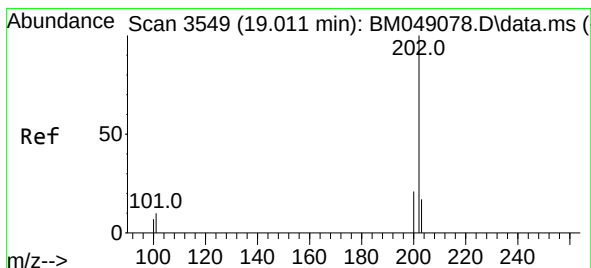
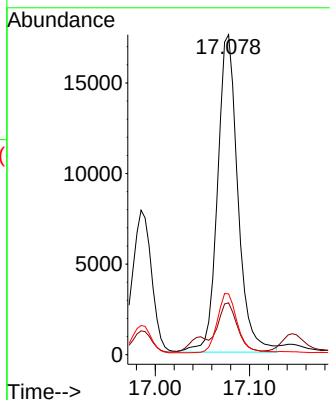
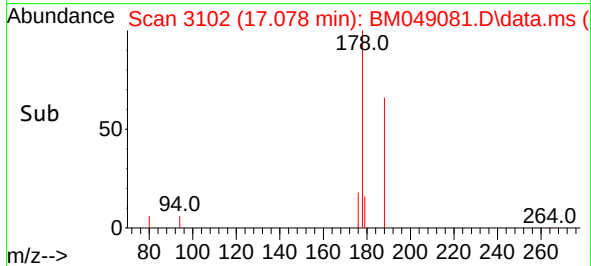
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 26289
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.9 19.3
 176 19.0 15.3 22.9

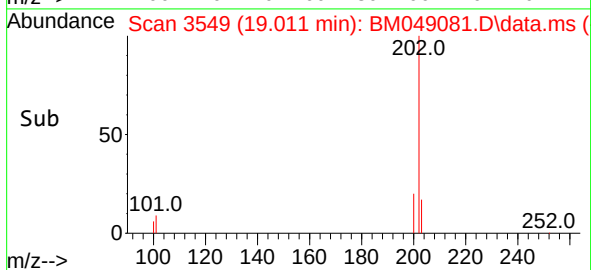
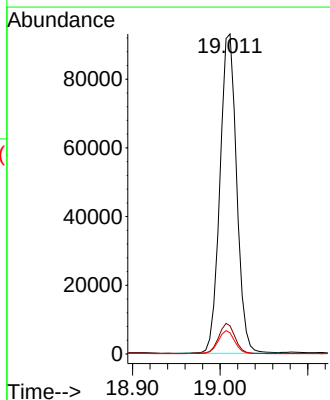
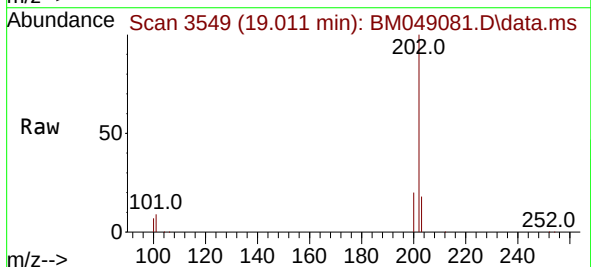
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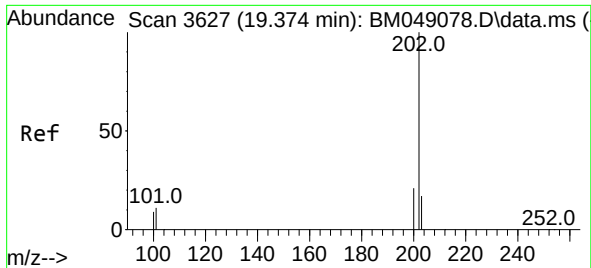
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/26/2024



#19
 Fluoranthene
 Concen: 1.896 ng/ul m
 RT: 19.011 min Scan# 3549
 Delta R.T. -0.003 min
 Lab File: BM049081.D
 Acq: 19 Dec 2024 22:05

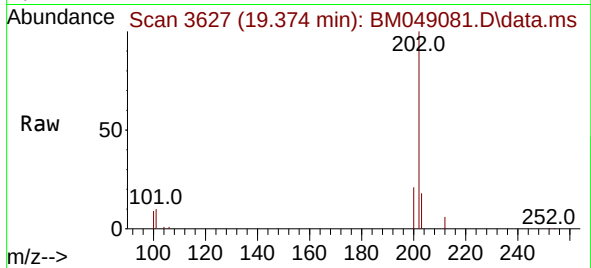
Tgt Ion:202 Resp: 123430
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.6 11.4
 100 6.6 5.5 8.3





#20
Pyrene
Concen: 1.720 ng/ul m
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

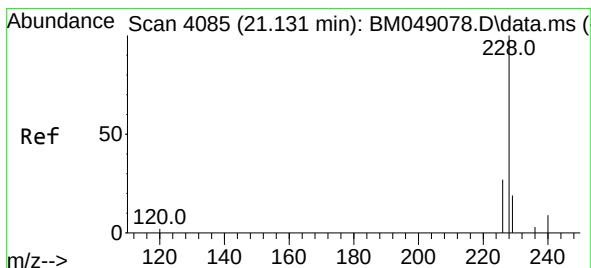
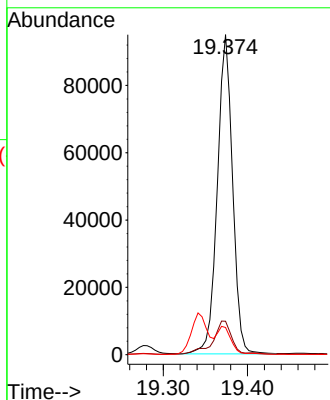
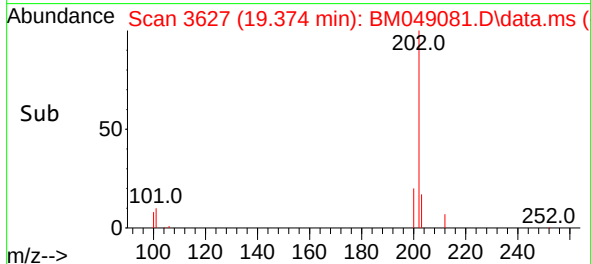
Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:202 Resp: 11943
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.5 6.9 10.3

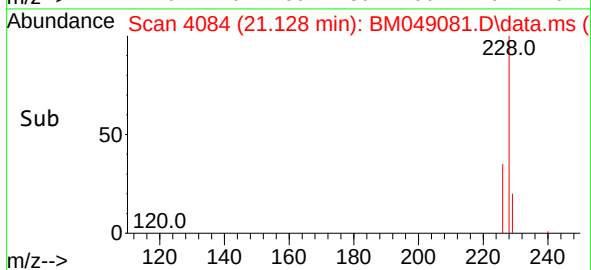
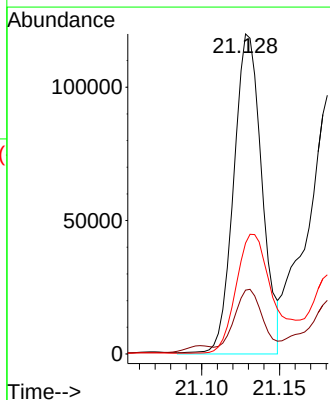
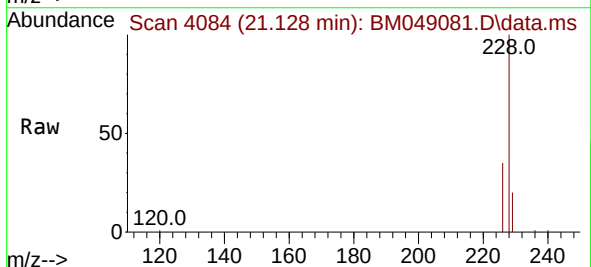
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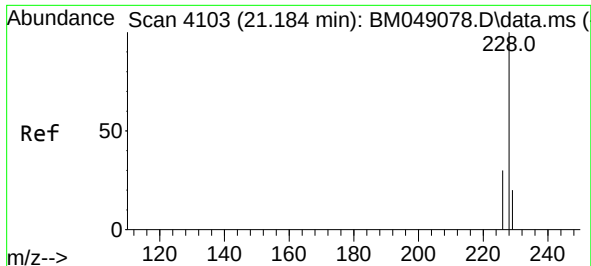
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#21
Benzo(a)anthracene
Concen: 2.423 ng/ul m
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

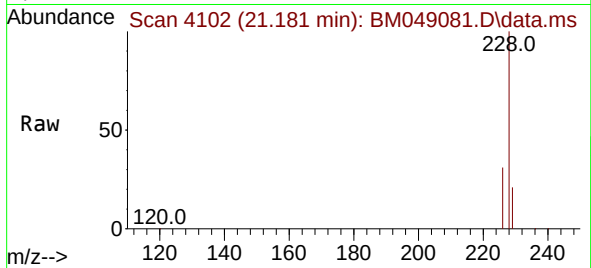
Tgt Ion:228 Resp: 151794
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 34.6 22.6 34.0#





#22
Chrysene
Concen: 2.181 ng/ul m
RT: 21.181 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

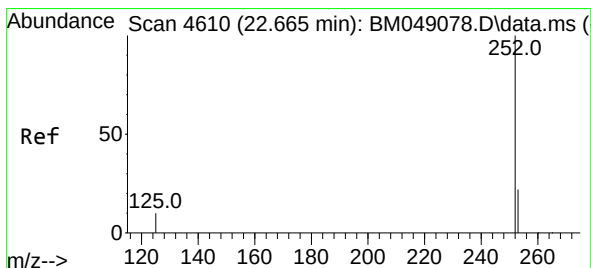
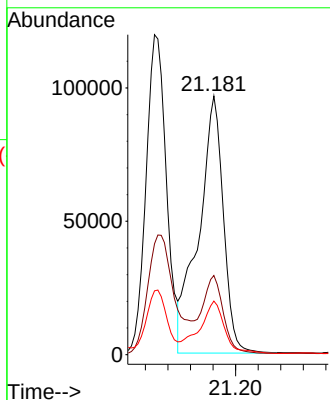
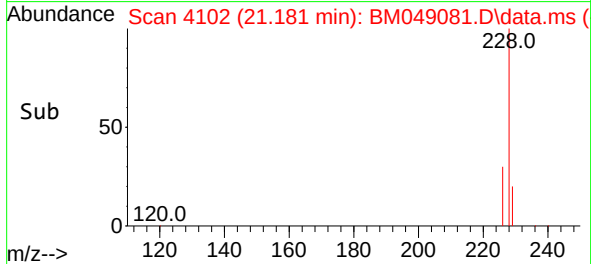
Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:228 Resp: 146624
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.7 15.8 23.8

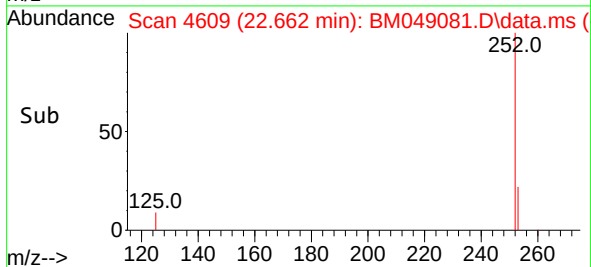
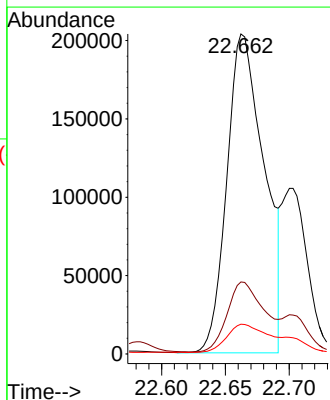
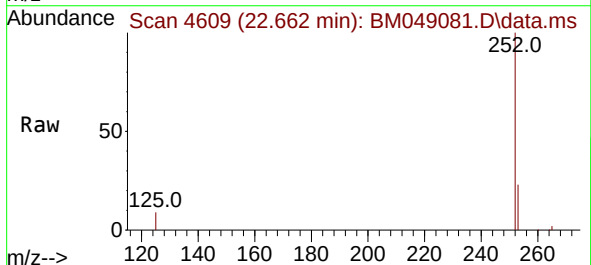
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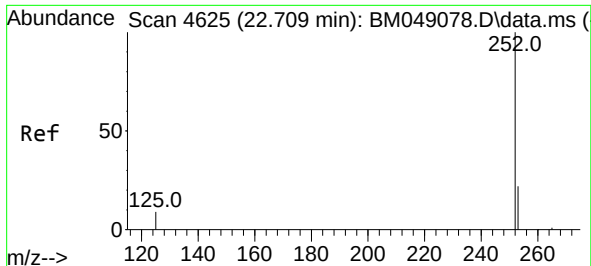
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#24
Benzo(b)fluoranthene
Concen: 7.732 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

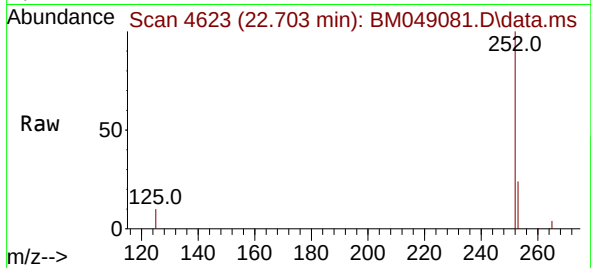
Tgt Ion:252 Resp: 414913
Ion Ratio Lower Upper
252 100
253 22.5 0.0 52.6
125 9.3 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 2.503 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

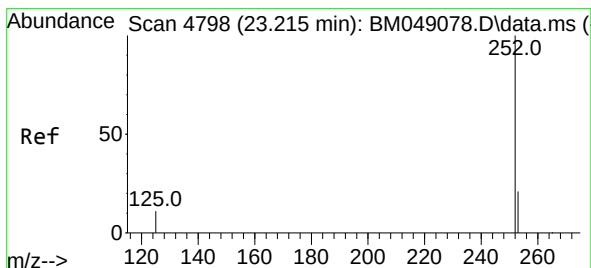
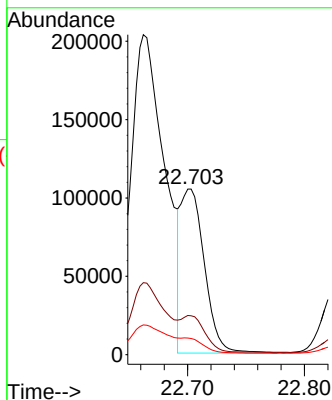
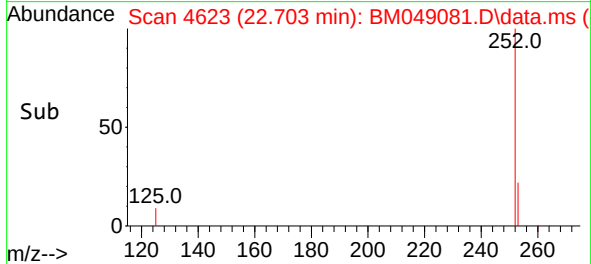
Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:252 Resp: 147390
Ion Ratio Lower Upper
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125 9.8 12.6 18.8

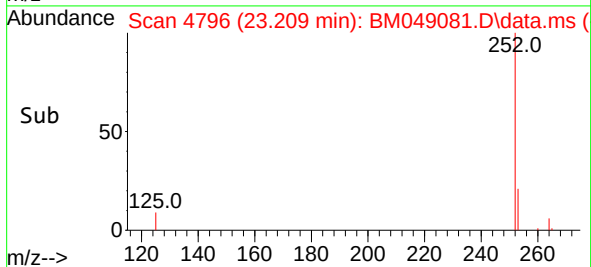
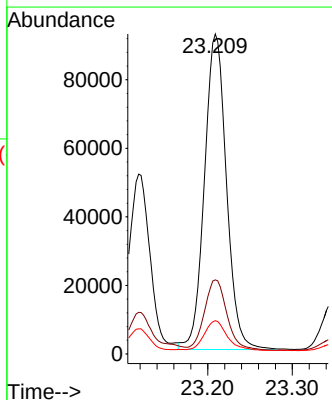
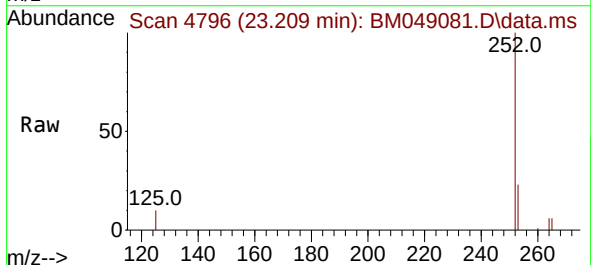
Manual Integrations
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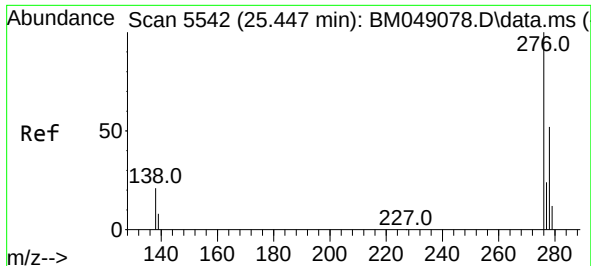
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Benzo(a)pyrene
Concen: 3.235 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

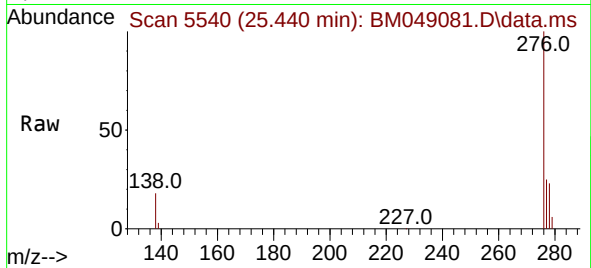
Tgt Ion:252 Resp: 166494
Ion Ratio Lower Upper
252 100
253 23.2 22.4 33.6
125 10.4 14.8 22.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.680 ng/ul m
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

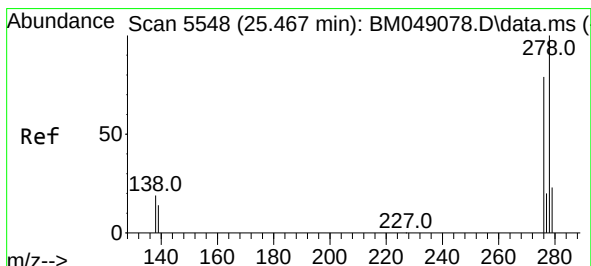
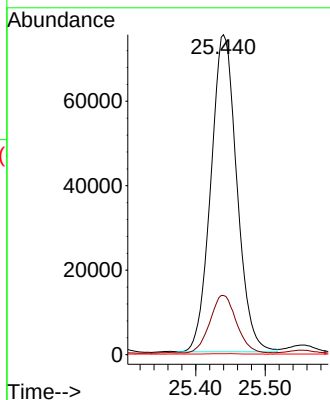
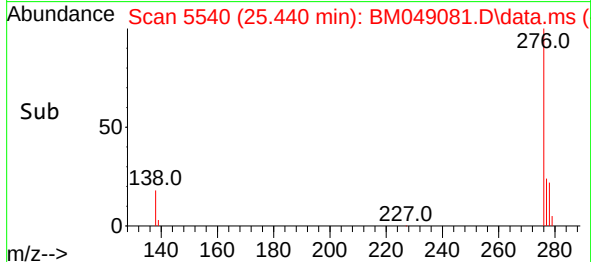
Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:276 Resp: 195219
Ion Ratio Lower Upper
276 100
138 2.2 17.4 26.2
227 0.1 0.2 0.2

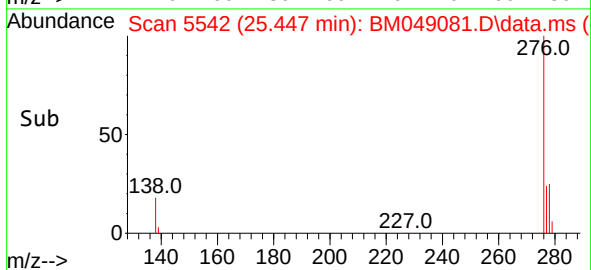
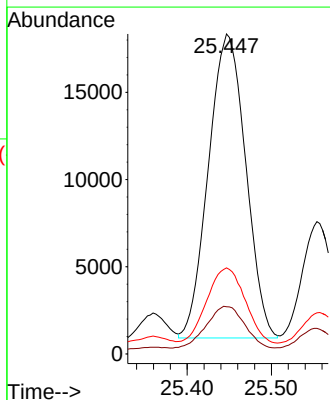
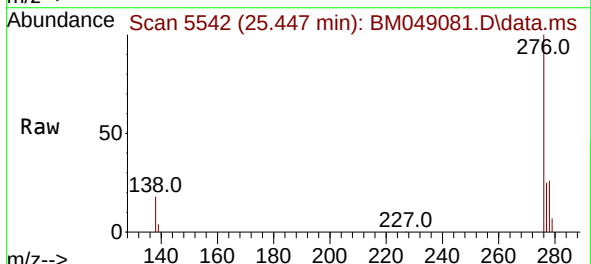
Manual Integrations
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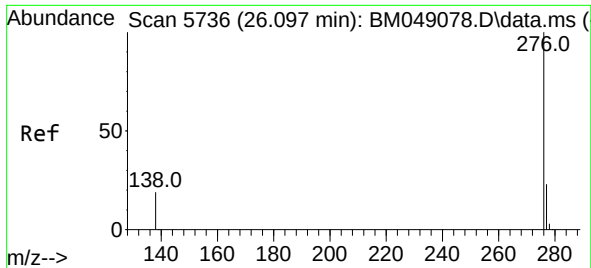
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.944 ng/ul m
RT: 25.447 min Scan# 5542
Delta R.T. -0.021 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

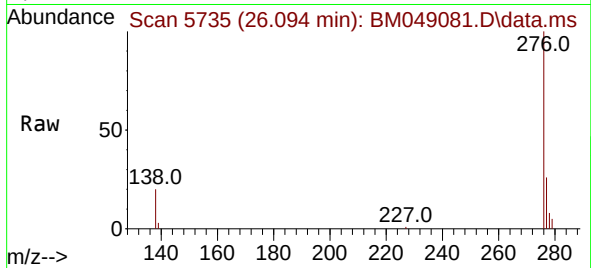
Tgt Ion:278 Resp: 53426
Ion Ratio Lower Upper
278 100
139 14.8 13.5 20.3
279 26.9 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul m
RT: 26.094 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049081.D
Acq: 19 Dec 2024 22:05

Instrument :
BNA_M
ClientSampleId :
E2AP5



Tgt Ion:276 Resp: 2804
Ion Ratio Lower Upper
276 100
138 20.5 16.7 25.1
277 26.3 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024

