

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049128.D
 Acq On : 21 Dec 2024 08:26
 Operator : RC/JU
 Sample : P5265-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2902

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 22 23:06:42 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	10336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	32629	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	18549	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	41519	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	32067	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	36713	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	37437	3.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	8611	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	16092	0.177	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.365	128	71123	0.871	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	19854	0.384	ng/ul	98
8) 1-Methylnaphthalene	12.212	142	12764	0.241	ng/ul	99
10) Acenaphthylene	13.910	152	6250	0.081	ng/ul#	89
11) Acenaphthene	14.257	153	67160	1.197	ng/ul	98
12) Fluorene	15.247	166	87702	1.385	ng/ul	98
15) Phenanthrene	16.981	178	1028445	9.484	ng/ul	98
16) Anthracene	17.074	178	264803	2.660	ng/ul	99
19) Fluoranthene	19.007	202	1192103	10.282	ng/ul	99
20) Pyrene	19.374	202	911807	7.374	ng/ul	97
21) Benzo(a)anthracene	21.128	228	452923	4.060	ng/ul	99
22) Chrysene	21.178	228	383133	3.201	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	479348m	4.087	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	183254m	1.424	ng/ul	
26) Benzo(a)pyrene	23.209	252	352737m	3.136	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.437	276	240917	1.513	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.443	278	55910	0.452	ng/ul	98
29) Benzo(g,h,i)perylene	26.091	276	226053	1.766	ng/ul	97

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

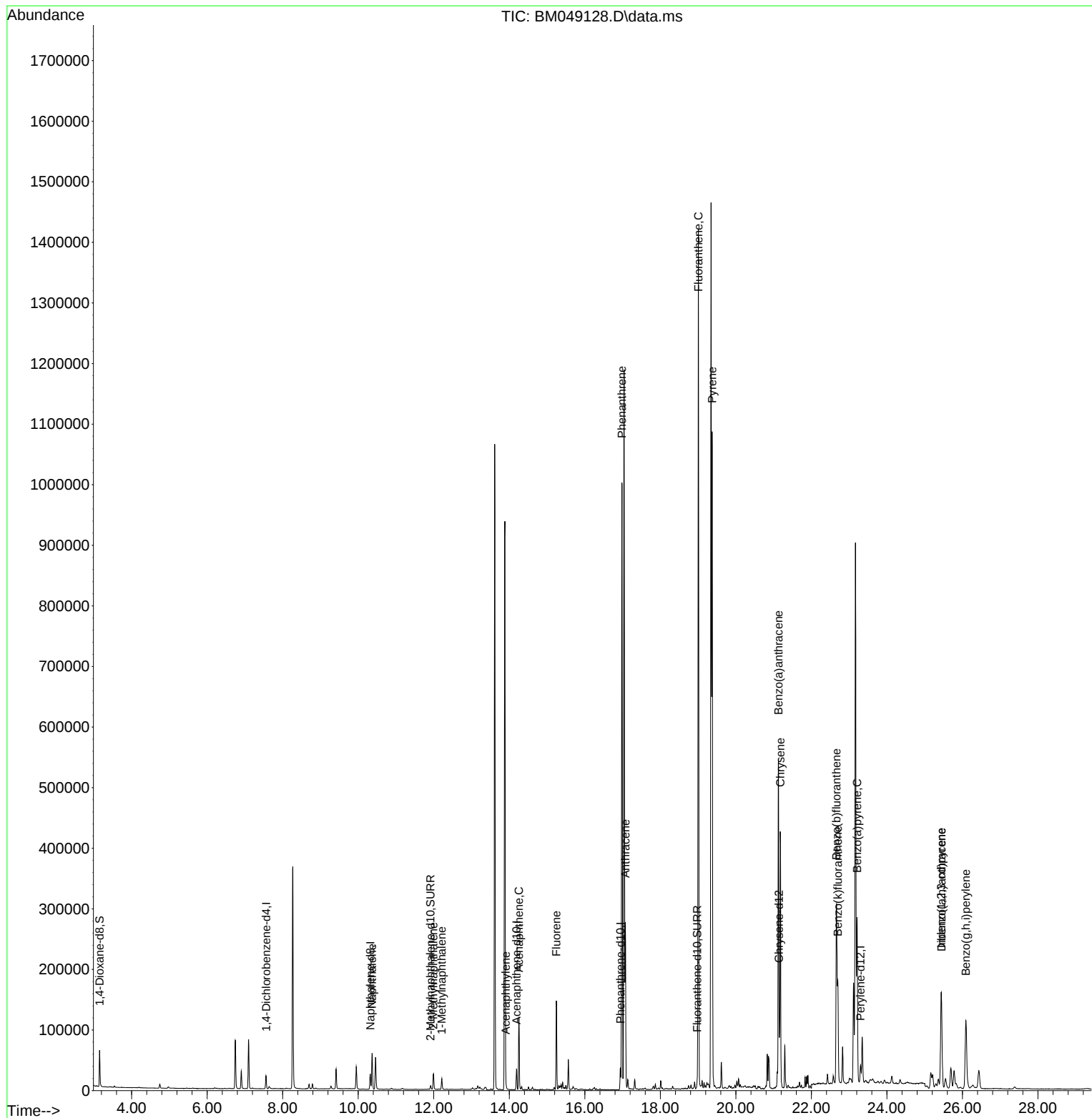
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049128.D
Acq On : 21 Dec 2024 08:26
Operator : RC/JU
Sample : P5265-17
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ALS Vial : 29 Sample Multiplier: 1

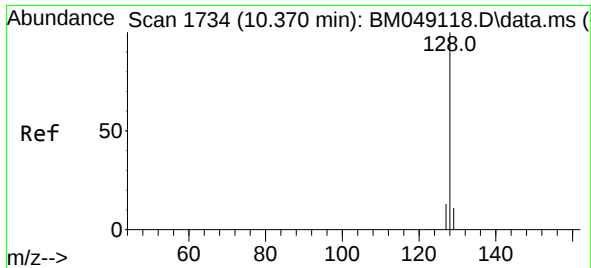
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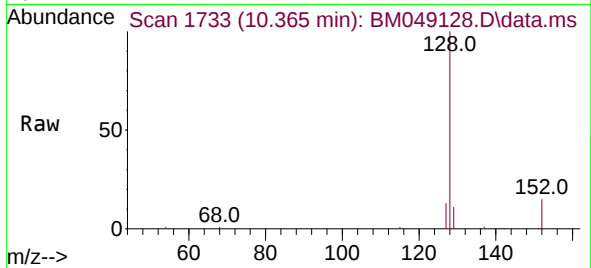
Quant Time: Dec 22 23:06:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.871 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.015 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

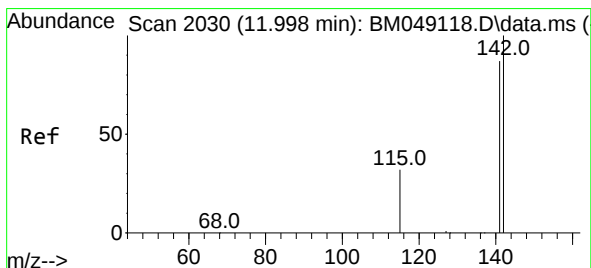
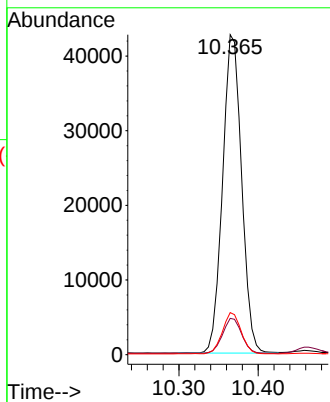
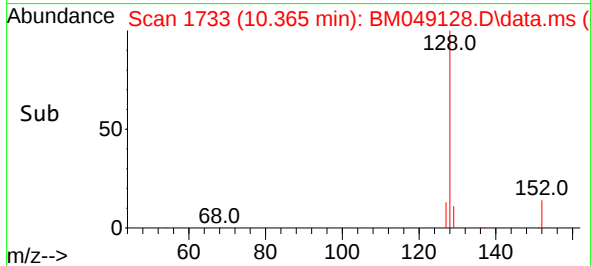
Instrument :
BNA_M
ClientSampleId :
E2902



Tgt Ion:128 Resp: 7112
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.2 10.6 16.0

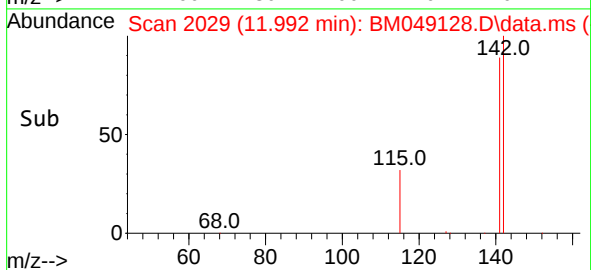
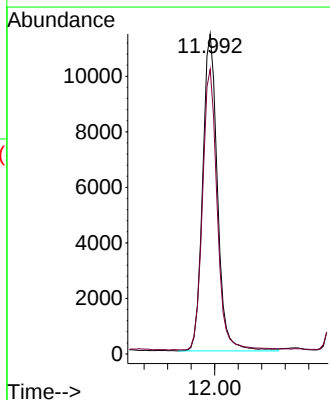
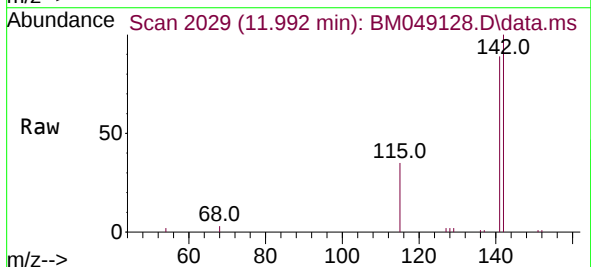
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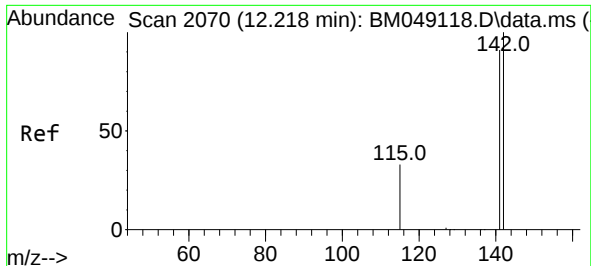
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

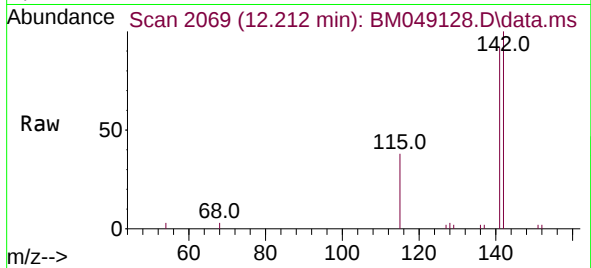
Tgt Ion:142 Resp: 19854
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.212 min Scan# 2070
Delta R.T. -0.010 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

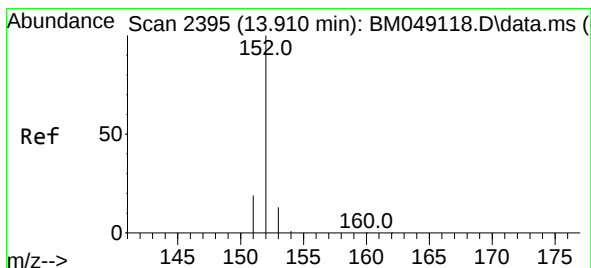
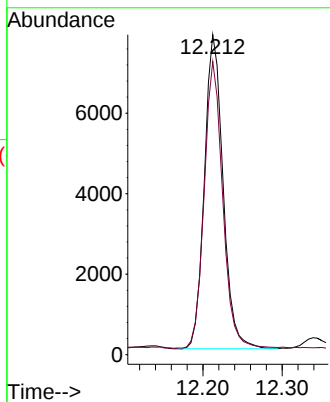
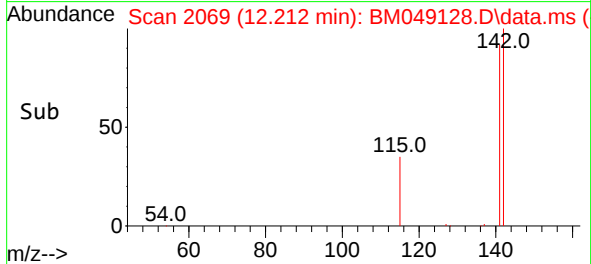
Instrument :
BNA_M
ClientSampleId :
E2902



Tgt Ion:142 Resp: 12764
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1

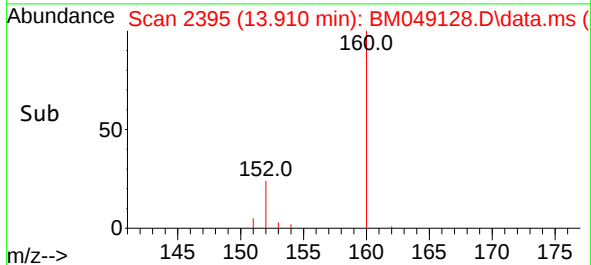
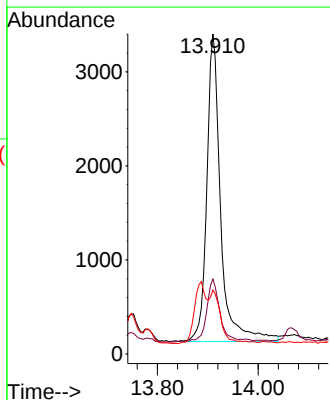
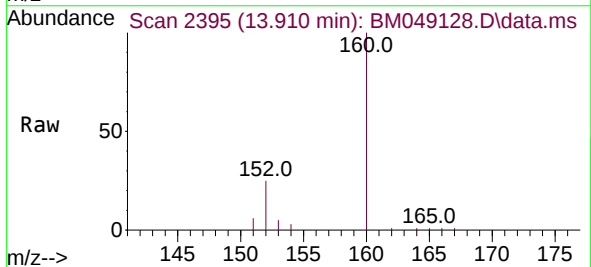
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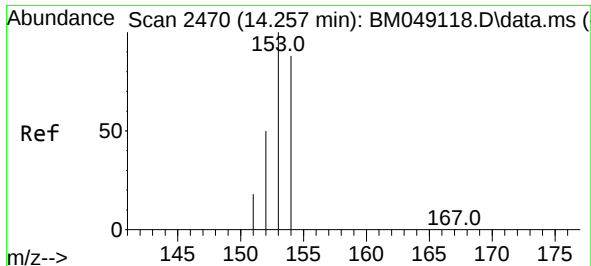
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

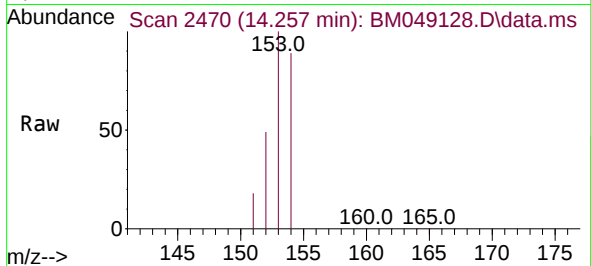
Tgt Ion:152 Resp: 6250
Ion Ratio Lower Upper
152 100
151 23.4 16.0 24.0
153 19.9 11.0 16.6#





#11
Acenaphthene
Concen: 1.197 ng/ul
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

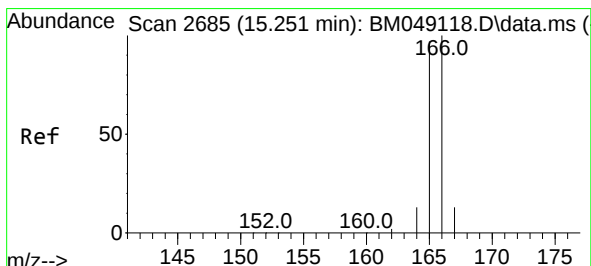
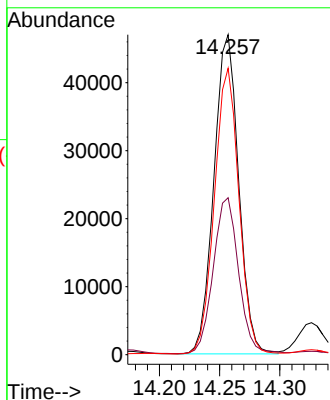
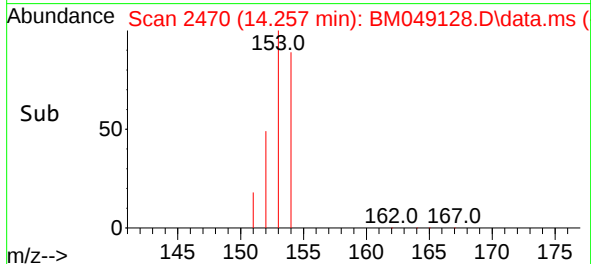
Instrument :
BNA_M
ClientSampleId :
E2902



Tgt Ion:153 Resp: 67160
Ion Ratio Lower Upper
153 100
152 49.1 40.7 61.1
154 89.5 70.8 106.2

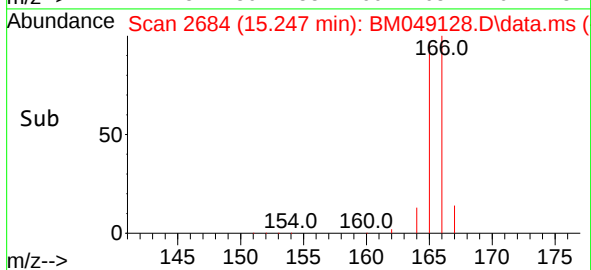
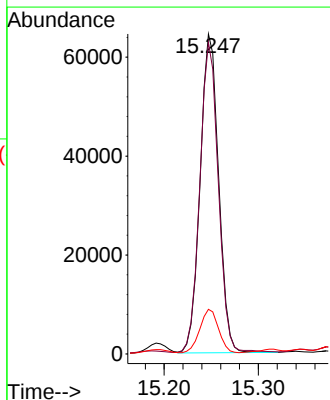
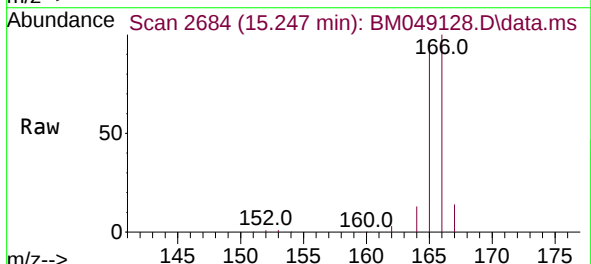
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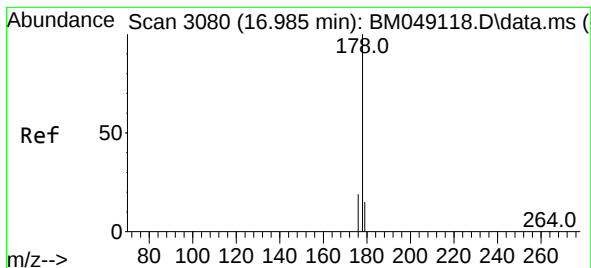
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 1.385 ng/ul
RT: 15.247 min Scan# 2684
Delta R.T. -0.008 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

Tgt Ion:166 Resp: 87702
Ion Ratio Lower Upper
166 100
165 97.4 79.7 119.5
167 13.9 11.4 17.0





#15

Phenanthrene

Concen: 9.484 ng/u1

RT: 16.981 min Scan# 3080

Delta R.T. -0.011 min

Lab File: BM049128.D

Acq: 21 Dec 2024 08:26

Instrument :

BNA_M

ClientSampleId :

E2902

Tgt Ion:178 Resp: 102844

Ion Ratio Lower Upper

178 100

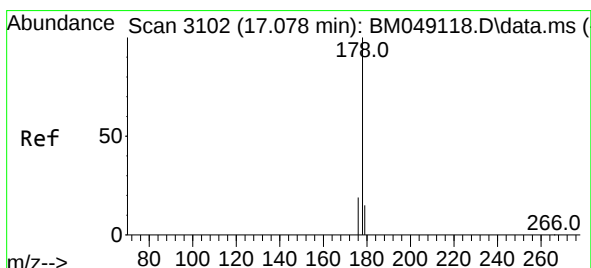
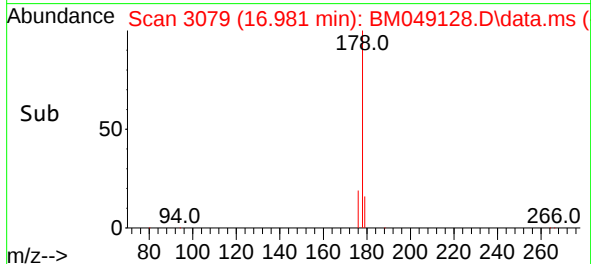
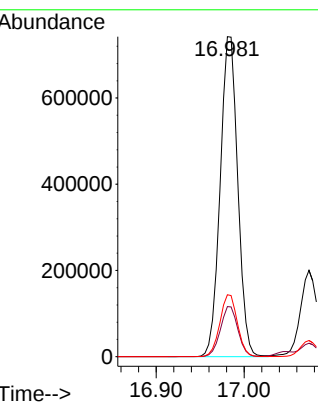
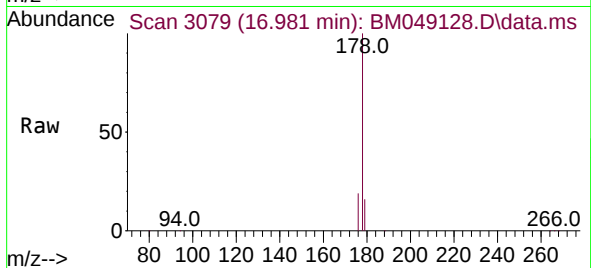
179 15.6 13.0 19.4

176 19.4 16.2 24.2

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Supervised By :mohammad ahmed 12/24/2024



#16

Anthracene

Concen: 2.660 ng/u1

RT: 17.074 min Scan# 3101

Delta R.T. -0.011 min

Lab File: BM049128.D

Acq: 21 Dec 2024 08:26

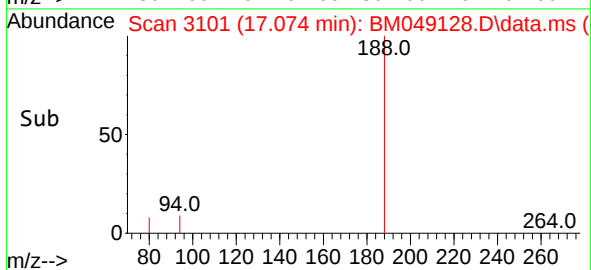
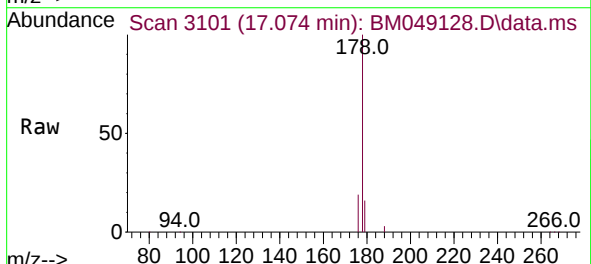
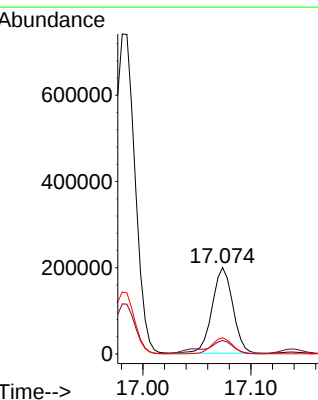
Tgt Ion:178 Resp: 264803

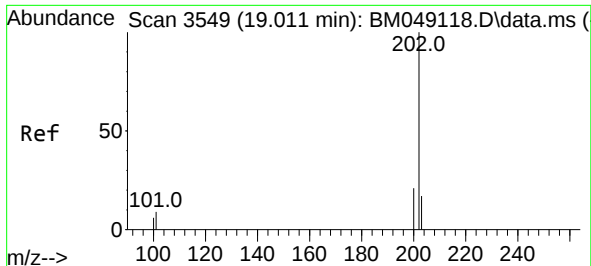
Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

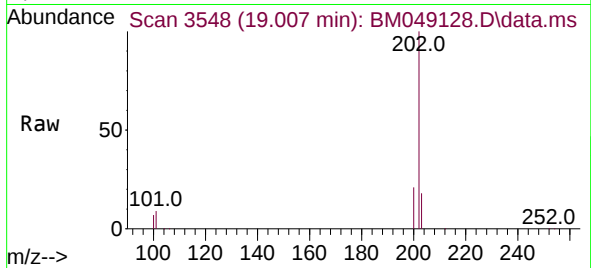
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 10.282 ng/u1
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

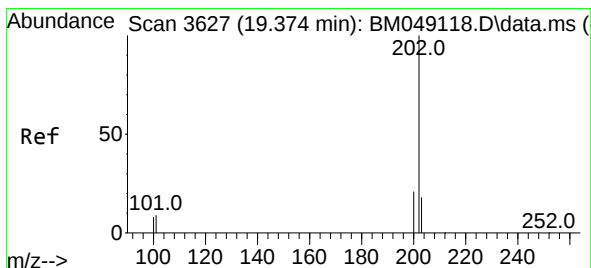
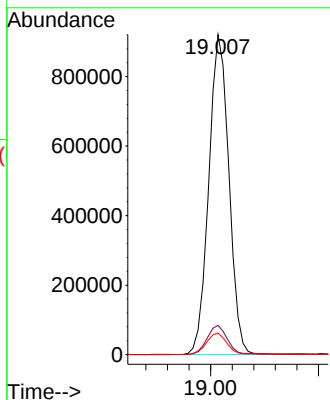
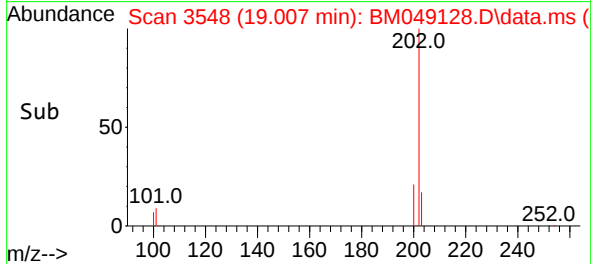
Instrument :
BNA_M
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E2902



Tgt Ion:202 Resp: 119210
Ion Ratio Lower Upper
202 100
101 9.2 7.6 11.4
100 6.8 5.5 8.3

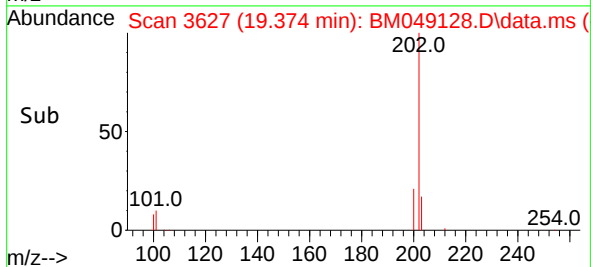
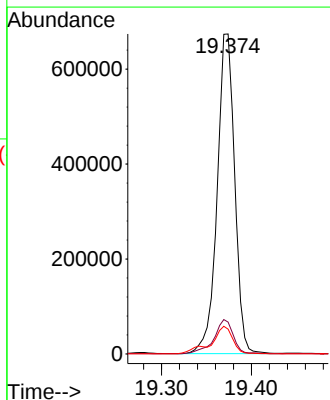
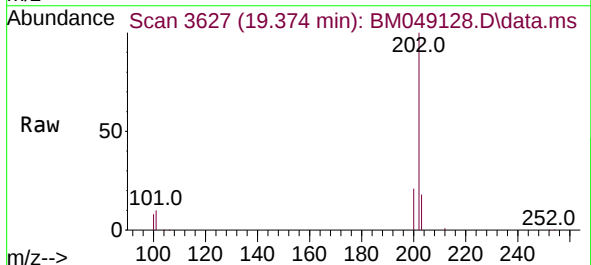
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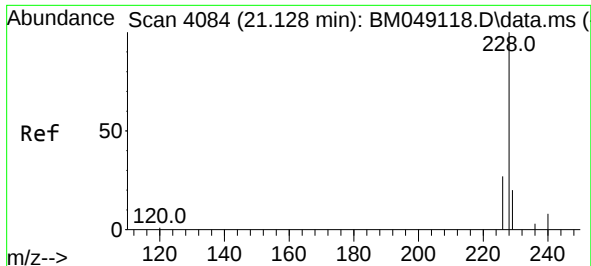
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 7.374 ng/u1
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

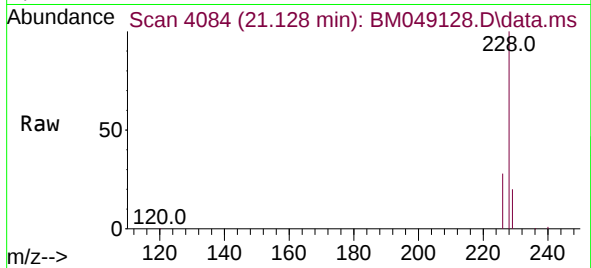
Tgt Ion:202 Resp: 911807
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 7.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 4.060 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

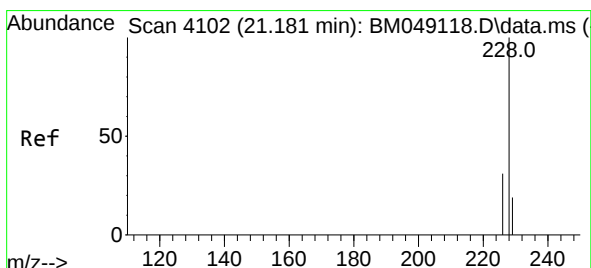
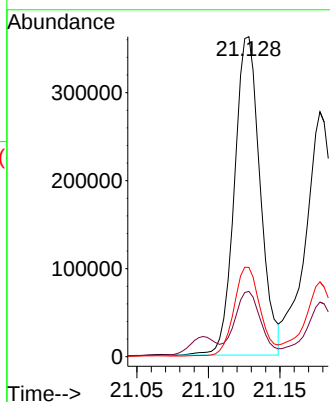
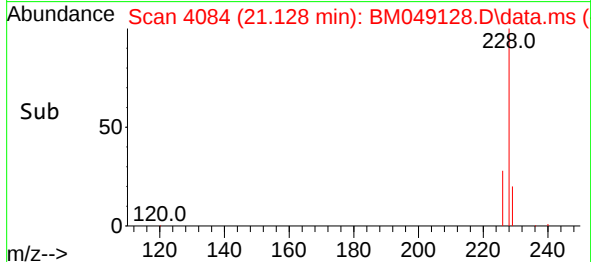
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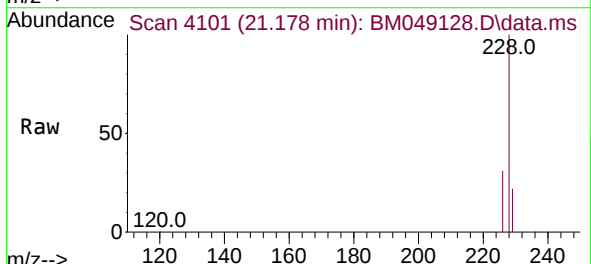
Tgt Ion:228 Resp: 452923
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.9 22.6 34.0

Manual Integrations
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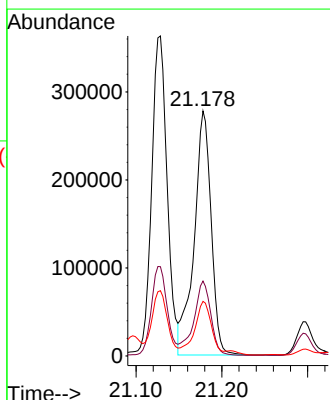
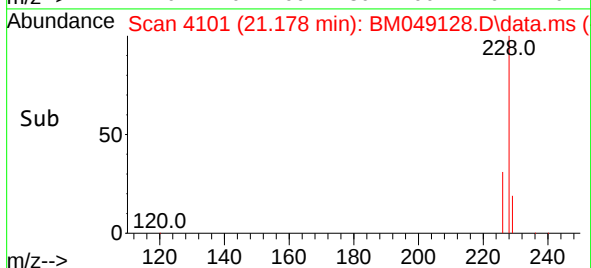
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

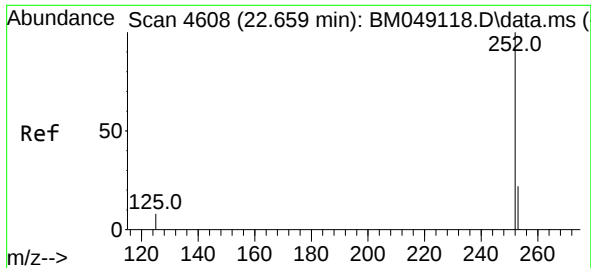


#22
Chrysene
Concen: 3.201 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26



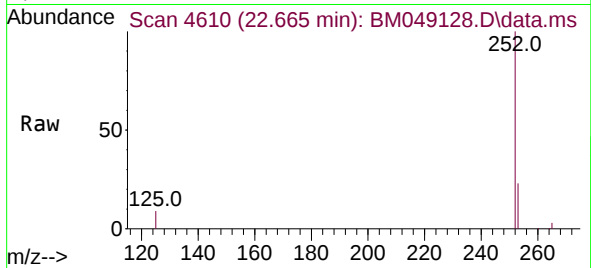
Tgt Ion:228 Resp: 383133
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 4.087 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

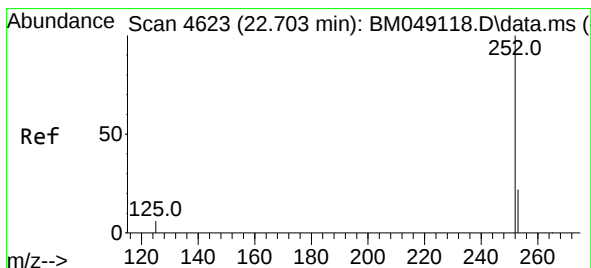
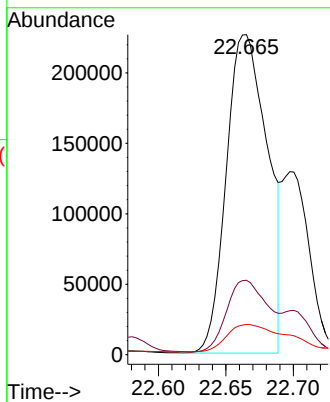
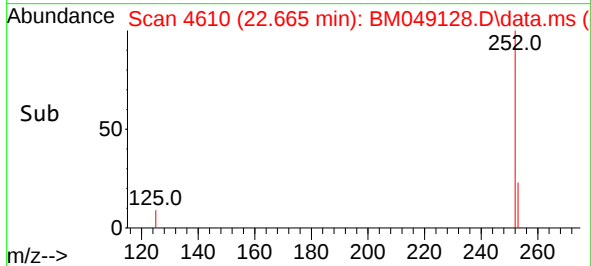
Instrument :
BNA_M
ClientSampleId :
E2902



Tgt Ion:252 Resp: 479348
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.6
125 9.4 0.0 30.8

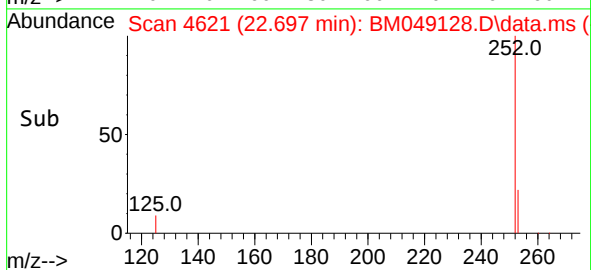
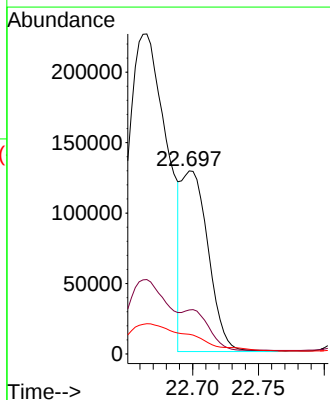
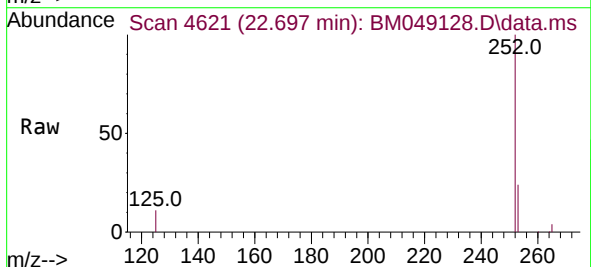
Manual Integrations
APPROVED

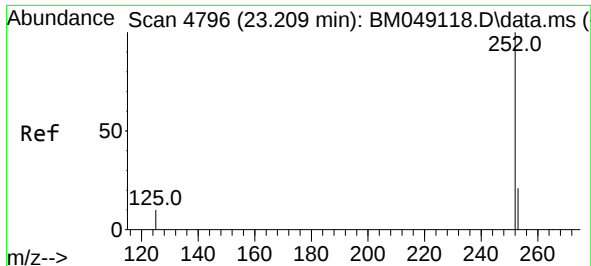
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.424 ng/ul m
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

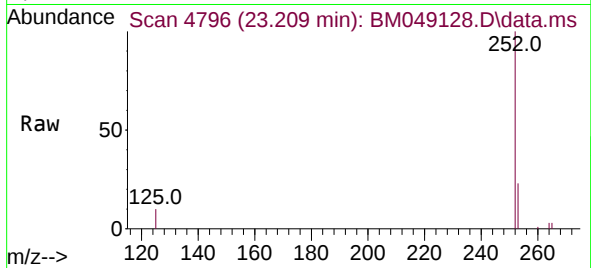
Tgt Ion:252 Resp: 183254
Ion Ratio Lower Upper
252 100
253 24.1 21.3 31.9
125 10.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 3.136 ng/ul m
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

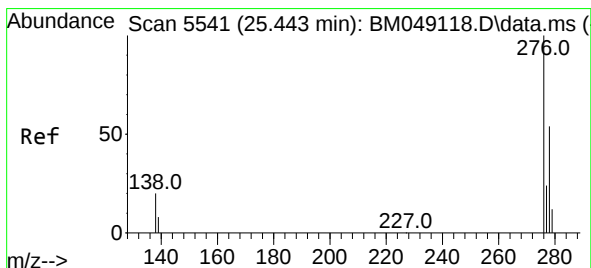
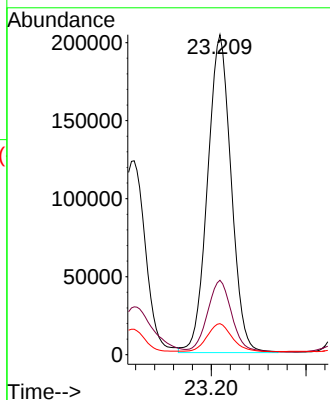
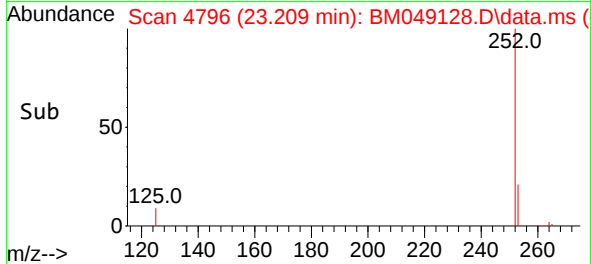
Instrument :
BNA_M
ClientSampleId :
E2902



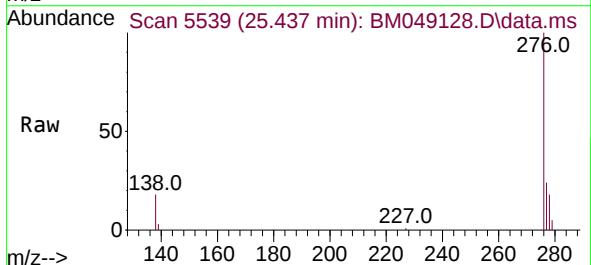
Tgt Ion:252 Resp: 35273
Ion Ratio Lower Upper
252 100
253 23.2 22.4 33.6
125 9.7 14.8 22.2

Manual Integrations
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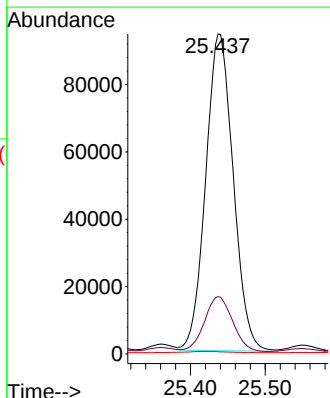
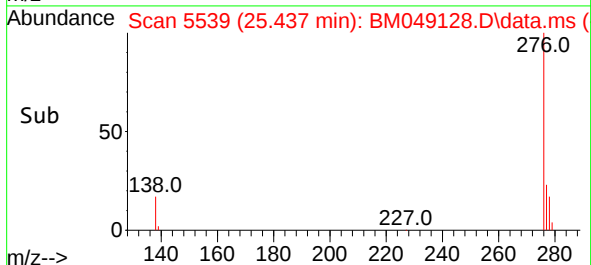
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

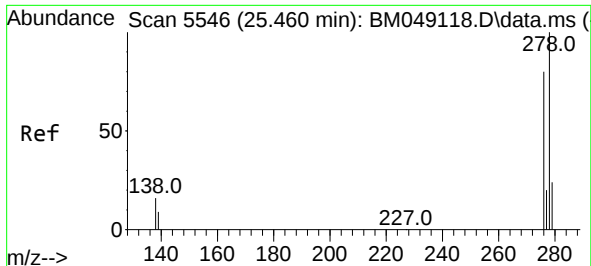


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.513 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26



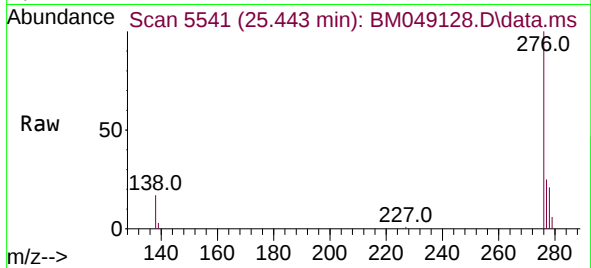
Tgt Ion:276 Resp: 240917
Ion Ratio Lower Upper
276 100
138 17.6 17.4 26.2
227 0.6 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.024 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

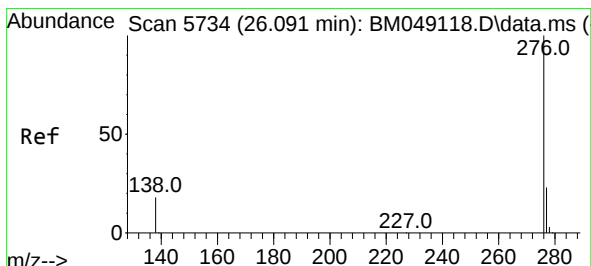
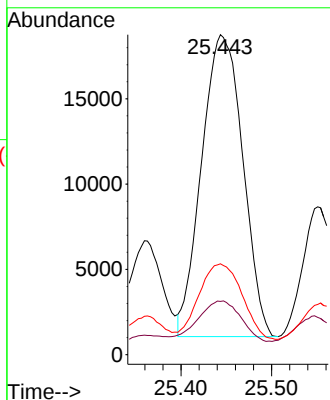
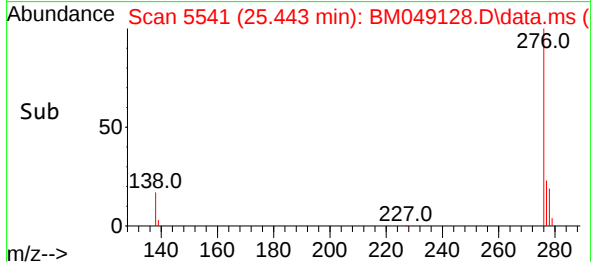
Instrument :
BNA_M
ClientSampleId :
E2902



Tgt Ion:278 Resp: 55910
Ion Ratio Lower Upper
278 100
139 16.7 13.5 20.3
279 28.4 21.5 32.3

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Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 1.766 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049128.D
Acq: 21 Dec 2024 08:26

Tgt Ion:276 Resp: 226053
Ion Ratio Lower Upper
276 100
138 18.5 16.7 25.1
277 24.2 19.9 29.9

