

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049182.D
 Acq On : 24 Dec 2024 13:32
 Operator : RC/JU
 Sample : P5333-15
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2917

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 21:40:28 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	7488	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	23554	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	13484	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	32049m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	25137m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	26267m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	32894	3.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7736	0.244	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	16343m	0.229	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	25189	0.427	ng/ul	99
7) 2-Methylnaphthalene	11.981	142	22972	0.615	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	10311	0.270	ng/ul	98
10) Acenaphthylene	13.901	152	7889	0.141	ng/ul#	91
11) Acenaphthene	14.248	153	5305	0.130	ng/ul	98
12) Fluorene	15.242	166	7372	0.160	ng/ul#	96
15) Phenanthrene	16.977	178	218097m	2.606	ng/ul	
16) Anthracene	17.065	178	44223m	0.576	ng/ul	
19) Fluoranthene	19.002	202	487567m	5.365	ng/ul	
20) Pyrene	19.365	202	426889m	4.404	ng/ul	
21) Benzo(a)anthracene	21.119	228	236885m	2.709	ng/ul	
22) Chrysene	21.172	228	270247m	2.880	ng/ul	
24) Benzo(b)fluoranthene	22.651	252	363177m	4.328	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	124787m	1.355	ng/ul	
26) Benzo(a)pyrene	23.197	252	252761m	3.141	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.420	276	192093m	1.687	ng/ul	
28) Dibenzo(a,h)anthracene	25.430	278	47713m	0.539	ng/ul	
29) Benzo(g,h,i)perylene	26.074	276	206968m	2.260	ng/ul	

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

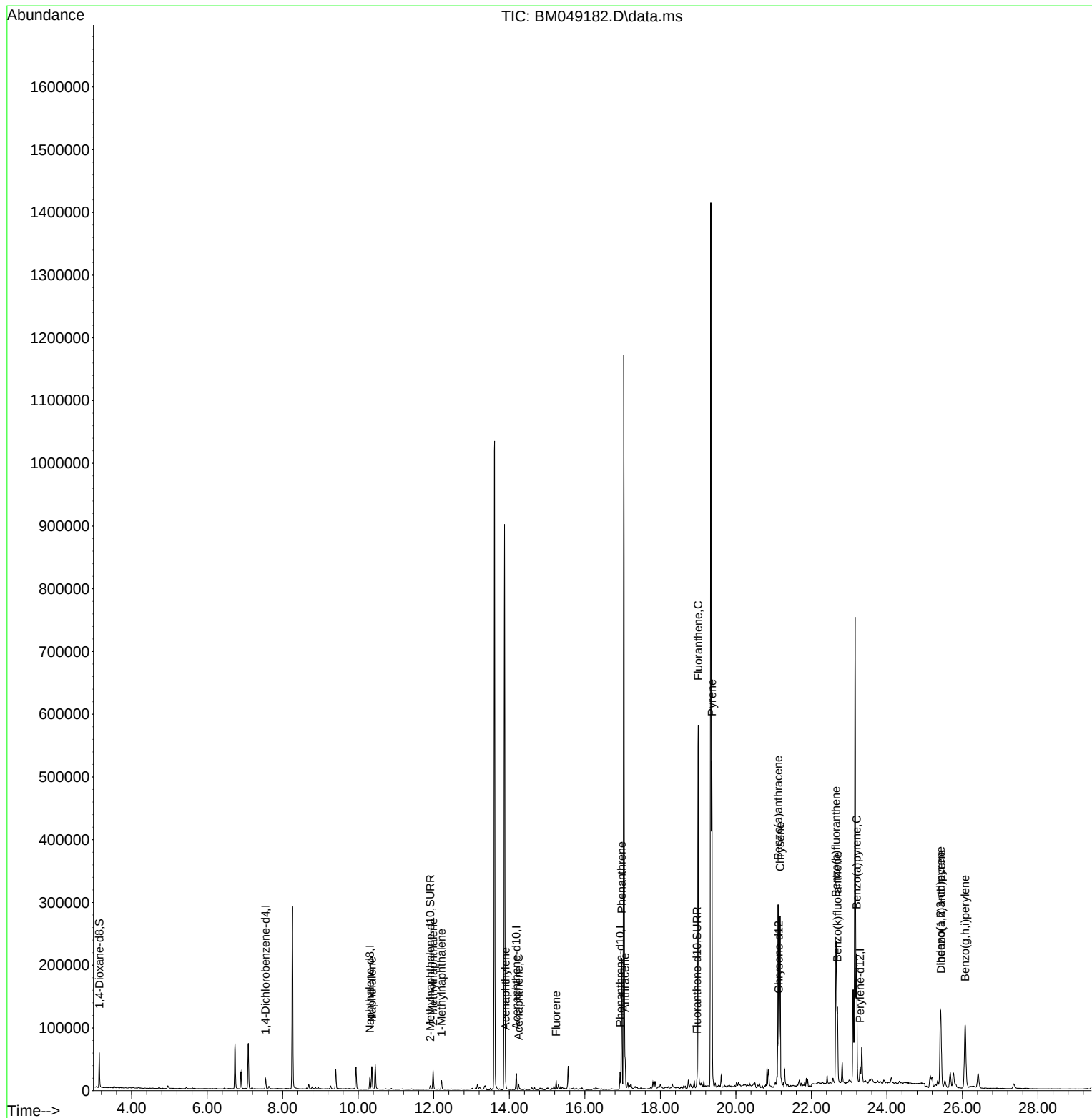
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049182.D
Acq On : 24 Dec 2024 13:32
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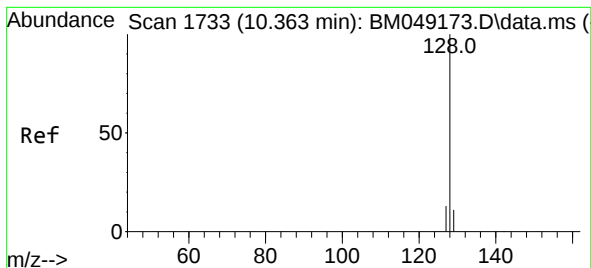
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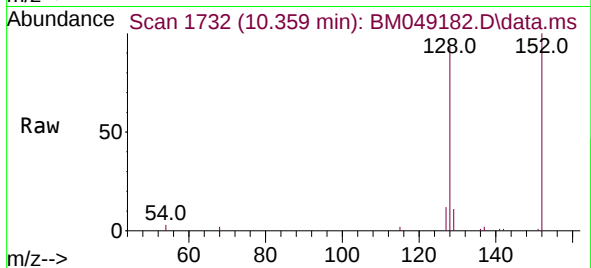
Quant Time: Dec 24 21:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

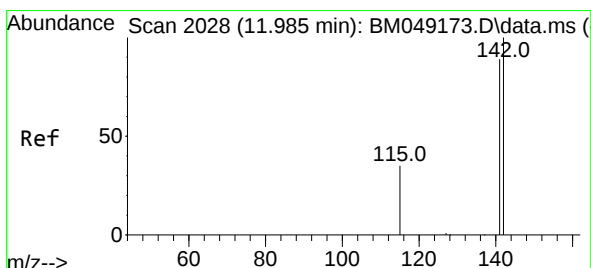
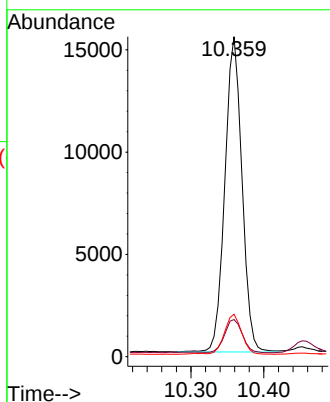
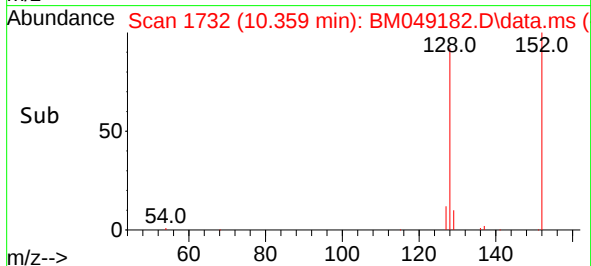
Instrument :
BNA_M
ClientSampleId :
E2917



Tgt Ion:128 Resp: 25189
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.2 10.6 16.0

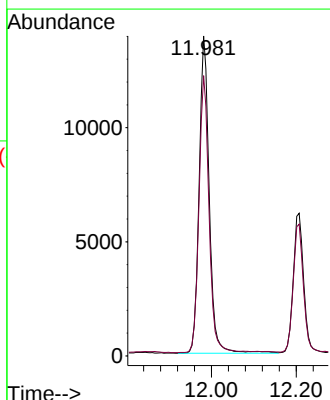
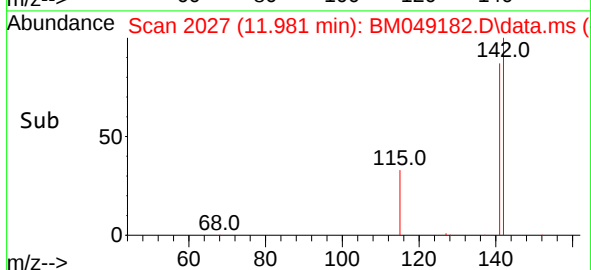
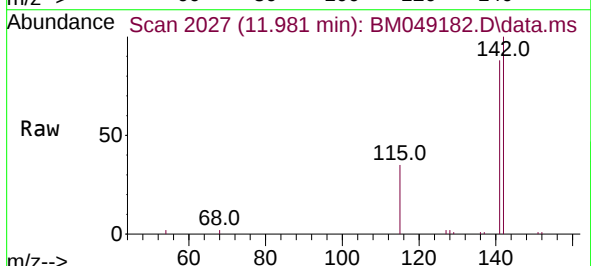
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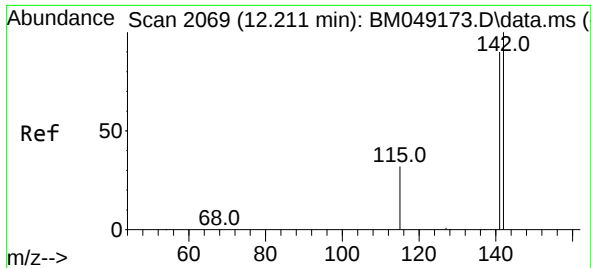
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#7
2-Methylnaphthalene
Concen: 0.615 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

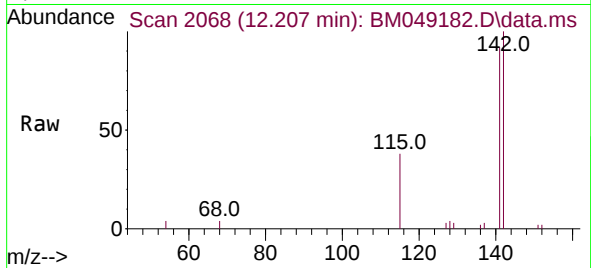
Tgt Ion:142 Resp: 22972
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

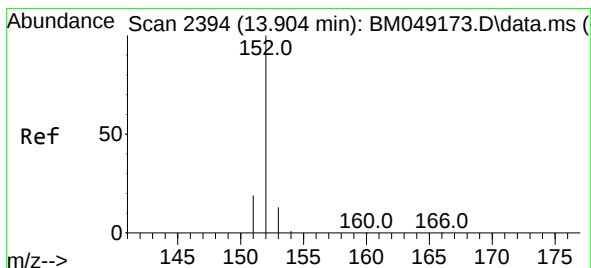
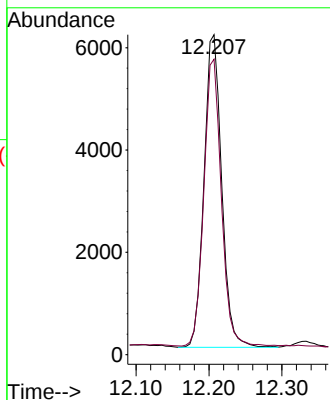
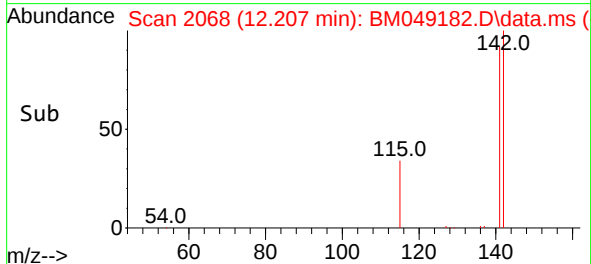
Instrument :
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Tgt Ion:142 Resp: 1031
Ion Ratio Lower Upper
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141 92.4 72.7 109.1

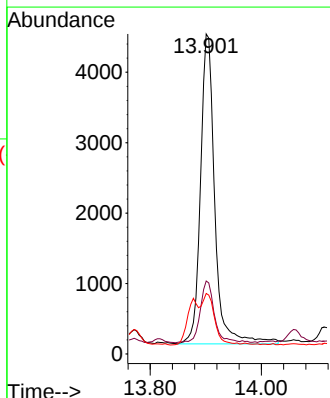
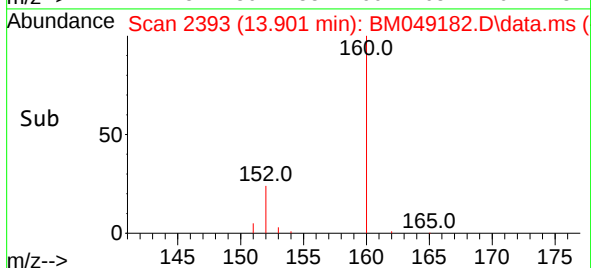
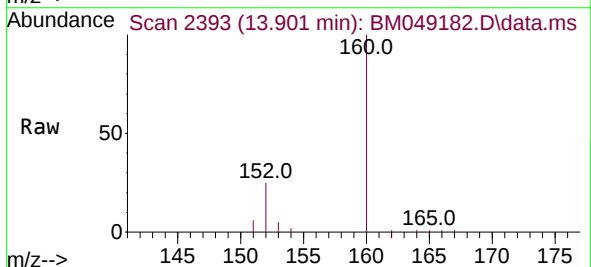
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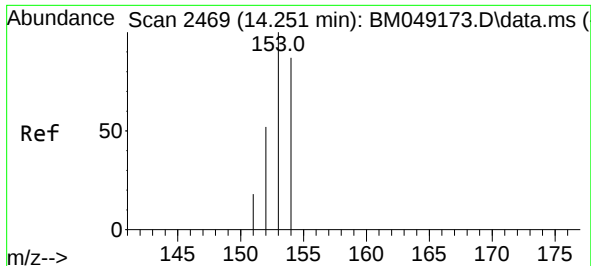
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

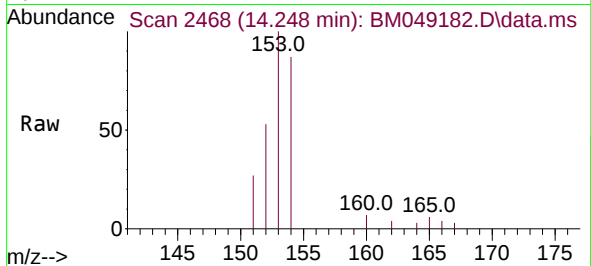
Tgt Ion:152 Resp: 7889
Ion Ratio Lower Upper
152 100
151 22.8 16.0 24.0
153 18.9 11.0 16.6#





#11
Acenaphthene
Concen: 0.130 ng/ul
RT: 14.248 min Scan# 2469
Delta R.T. -0.017 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

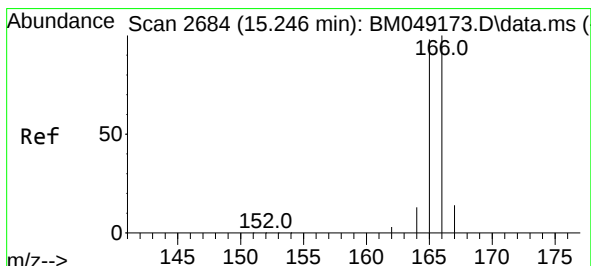
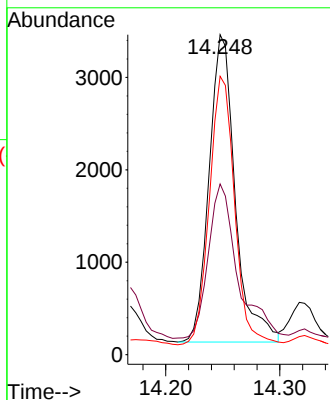
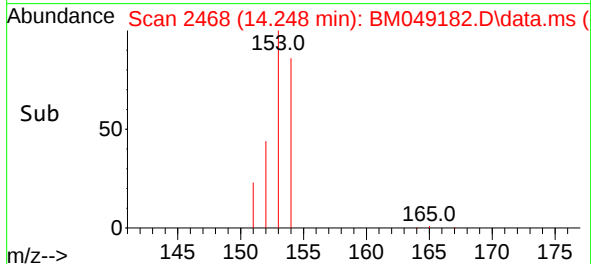
Instrument :
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ClientSampleId :
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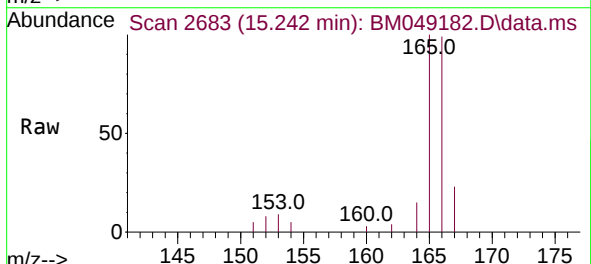
Tgt Ion:153 Resp: 5309
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 87.0 70.8 106.2

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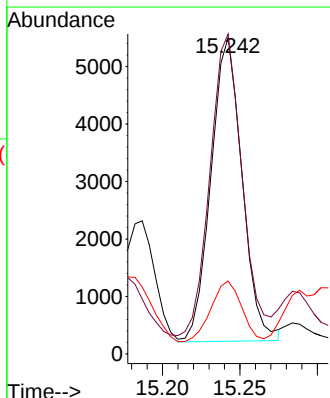
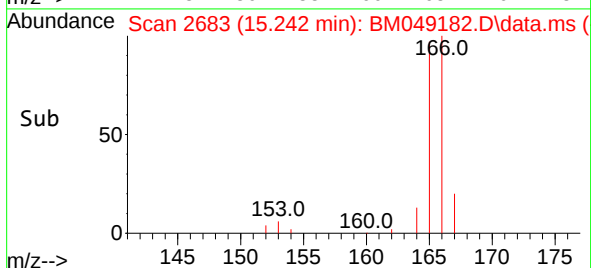
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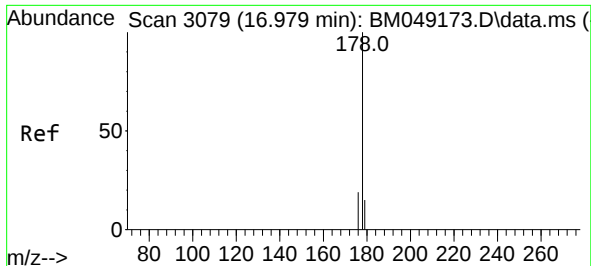


#12
Fluorene
Concen: 0.160 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. -0.012 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32



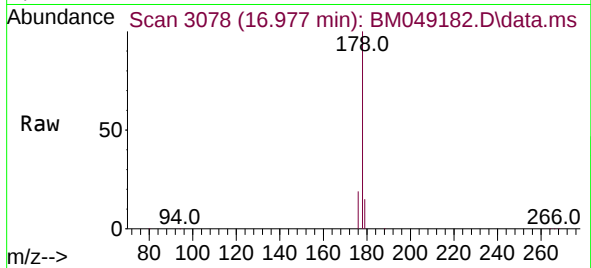
Tgt Ion:166 Resp: 7372
Ion Ratio Lower Upper
166 100
165 101.1 79.7 119.5
167 23.1 11.4 17.0#





#15
Phenanthrene
Concen: 2.606 ng/ul m
RT: 16.977 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

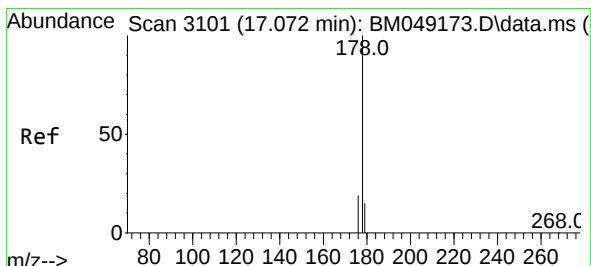
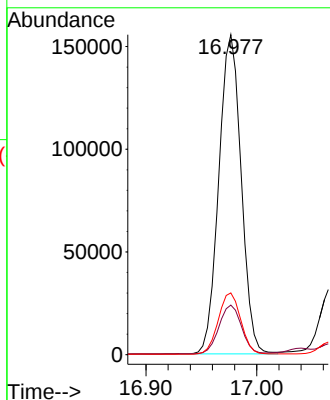
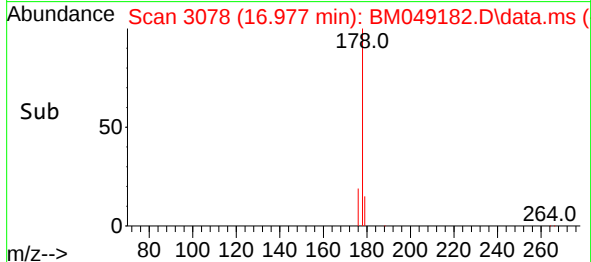
Instrument :
BNA_M
ClientSampleId :
E2917



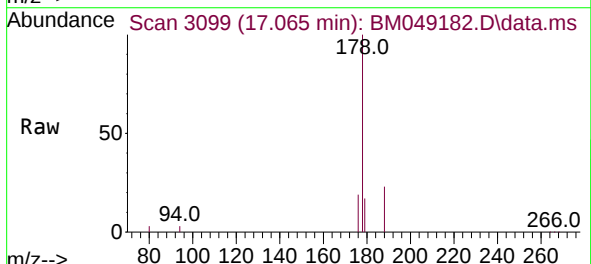
Tgt Ion:178 Resp: 21809
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 16.2 24.2

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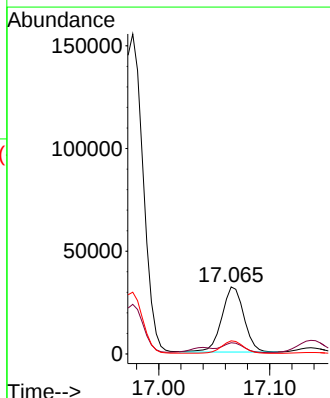
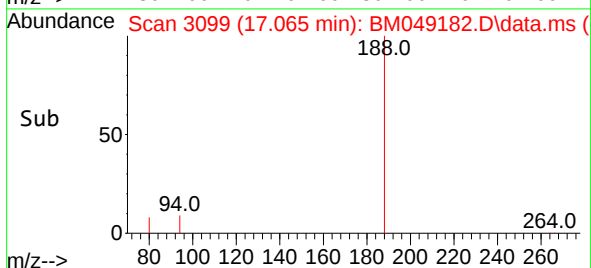
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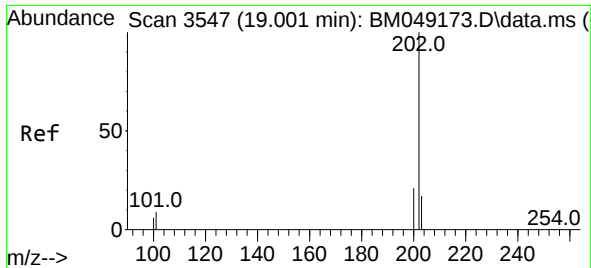


#16
Anthracene
Concen: 0.576 ng/ul m
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32



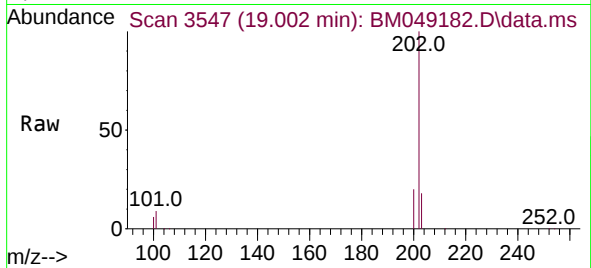
Tgt Ion:178 Resp: 44223
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 5.365 ng/ul m
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

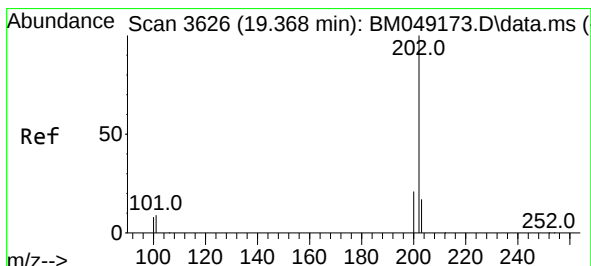
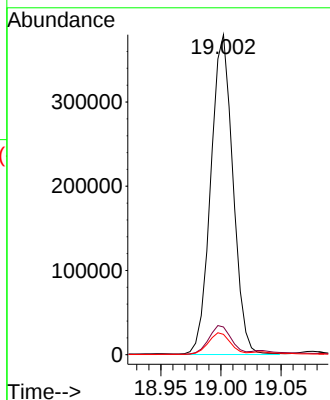
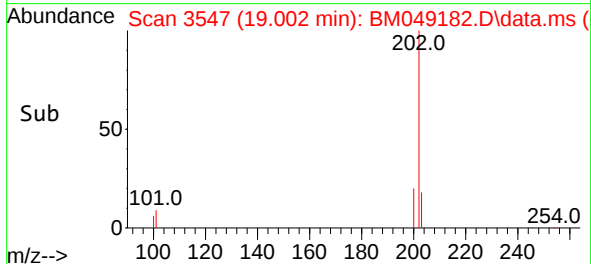
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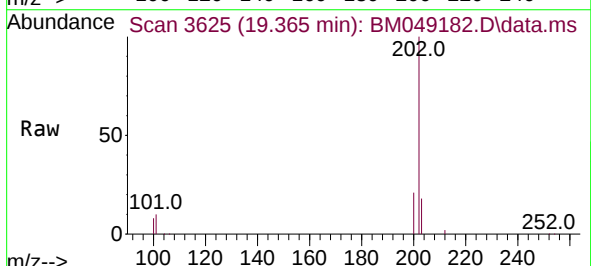
Tgt Ion:202 Resp: 48756
Ion Ratio Lower Upper
202 100
101 8.7 7.6 11.4
100 6.3 5.5 8.3

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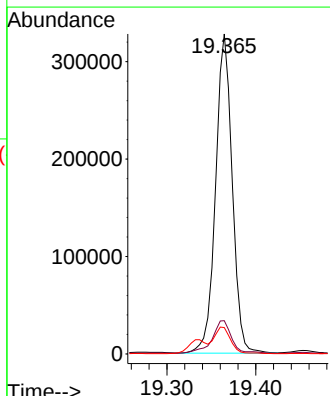
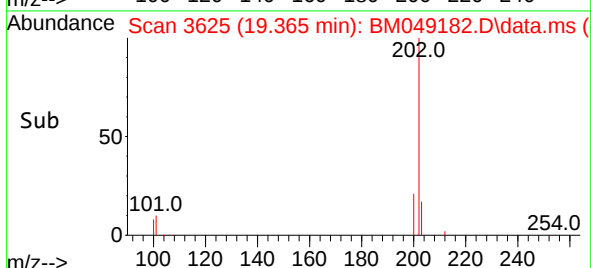
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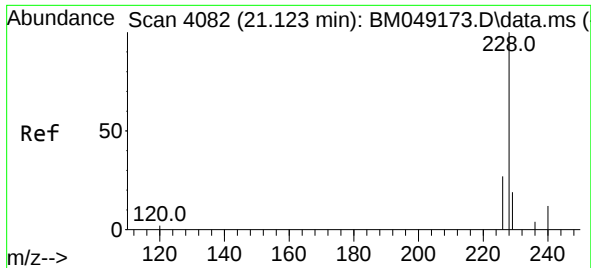


#20
Pyrene
Concen: 4.404 ng/ul m
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32



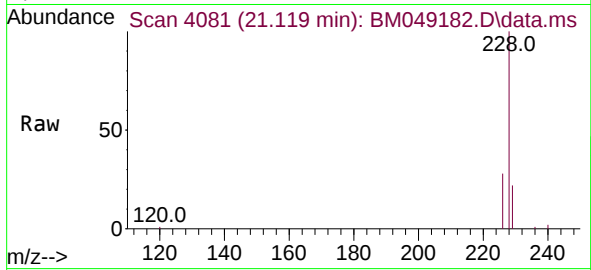
Tgt Ion:202 Resp: 426889
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.3 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.709 ng/ul m
RT: 21.119 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

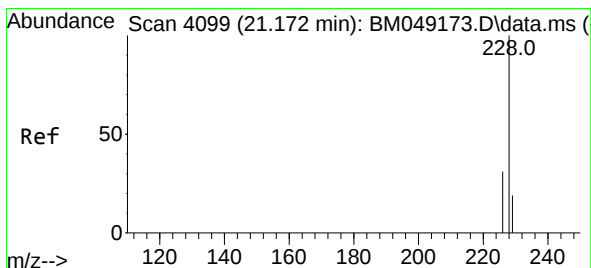
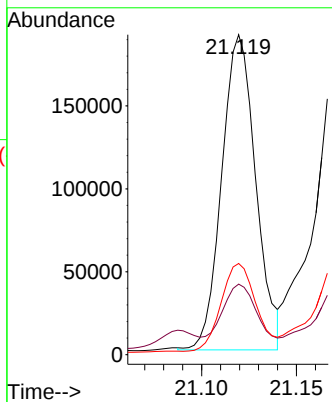
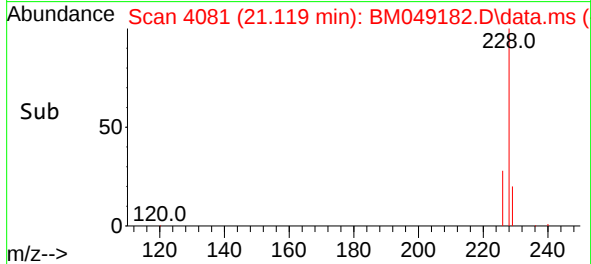
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Tgt Ion:228 Resp: 236885
Ion Ratio Lower Upper
228 100
229 22.0 15.9 23.9
226 28.5 22.6 34.0

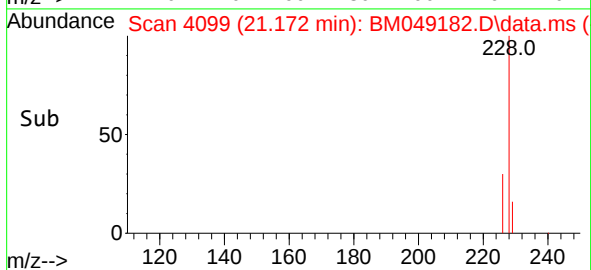
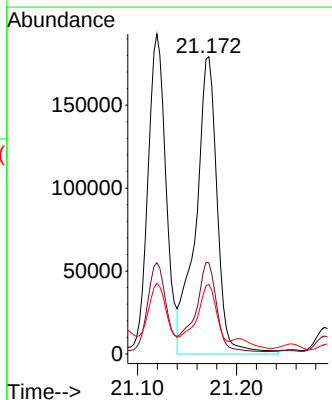
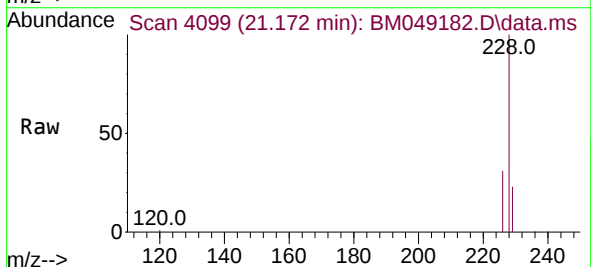
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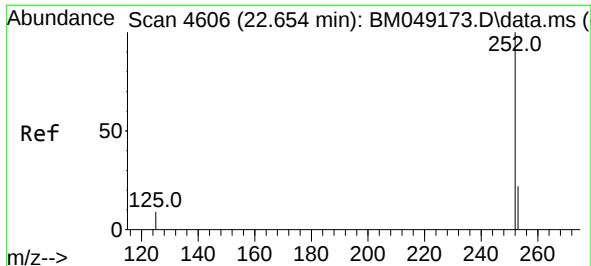
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 2.880 ng/ul m
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

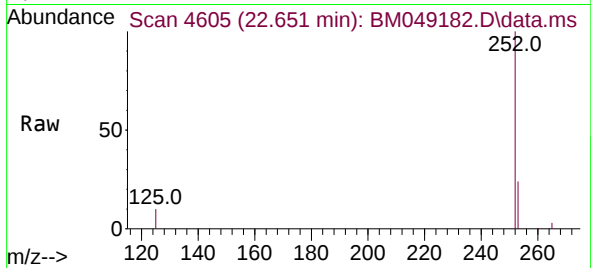
Tgt Ion:228 Resp: 270247
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 23.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 4.328 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

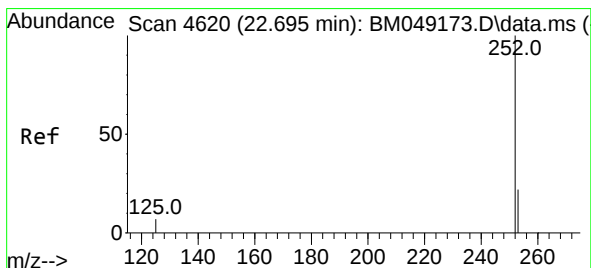
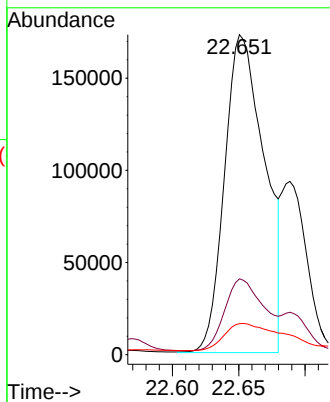
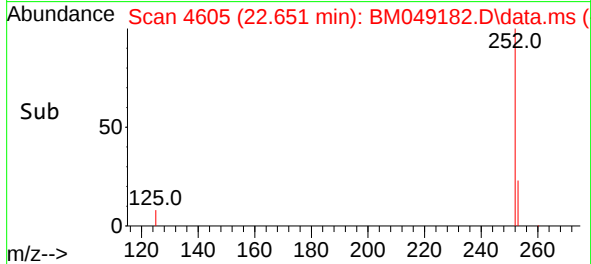
Instrument :
BNA_M
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E2917



Tgt Ion:252 Resp: 36317
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.6
125 9.7 0.0 30.8

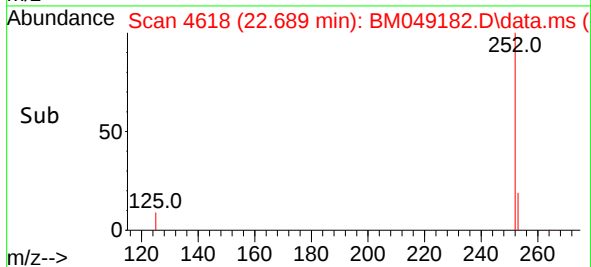
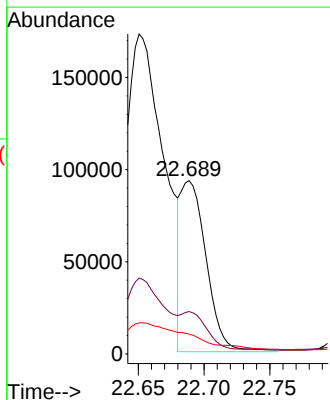
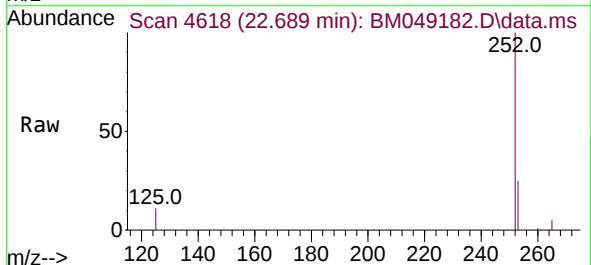
Manual Integrations
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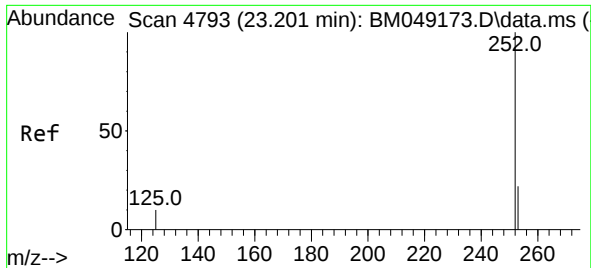
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Benzo(k)fluoranthene
Concen: 1.355 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

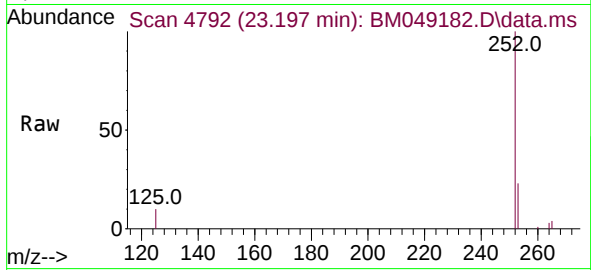
Tgt Ion:252 Resp: 124787
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 11.5 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 3.141 ng/ul m
RT: 23.197 min Scan# 4792
Delta R.T. -0.012 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

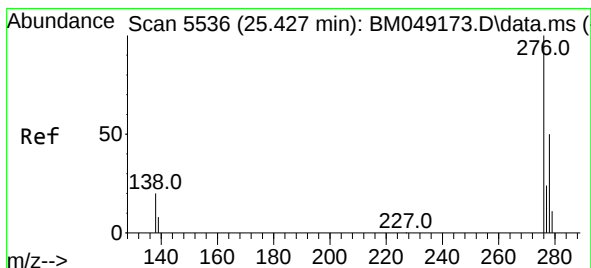
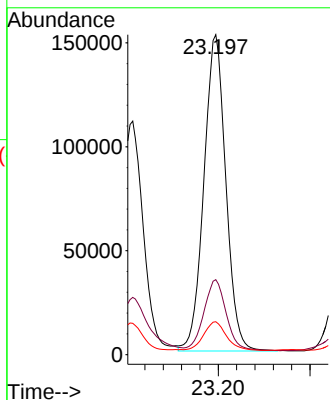
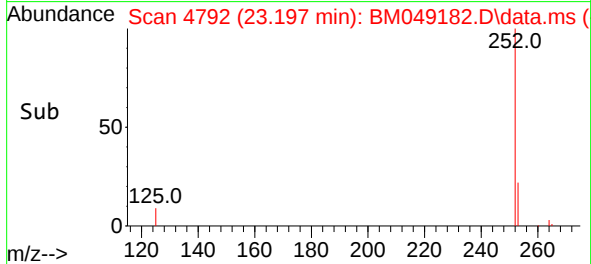
Instrument :
BNA_M
ClientSampleId :
E2917



Tgt Ion:252 Resp: 25276
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 10.3 14.8 22.2

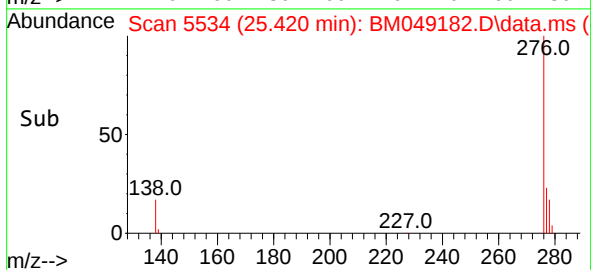
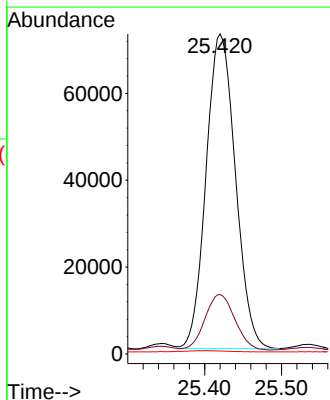
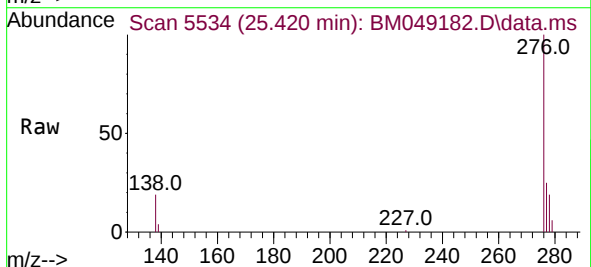
Manual Integrations
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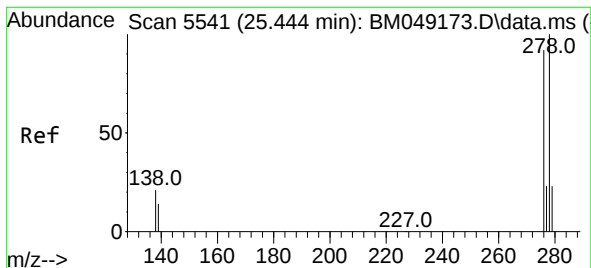
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.687 ng/ul m
RT: 25.420 min Scan# 5534
Delta R.T. -0.027 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Tgt Ion:276 Resp: 192093
Ion Ratio Lower Upper
276 100
138 1.9 17.4 26.2#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.539 ng/ul m

RT: 25.430 min Scan# 5

Delta R.T. -0.037 min

Lab File: BM049182.D

Acq: 24 Dec 2024 13:32

Instrument :

BNA_M

ClientSampleId :

E2917

Tgt Ion:278 Resp: 4771

Ion Ratio Lower Upper

278 100

139 18.8 13.5 20.3

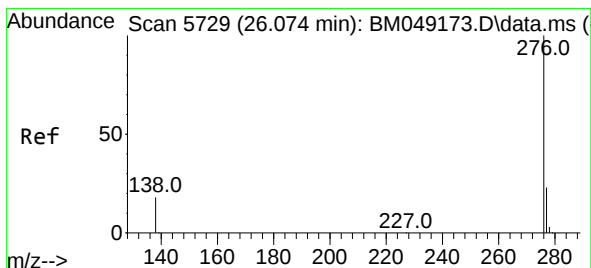
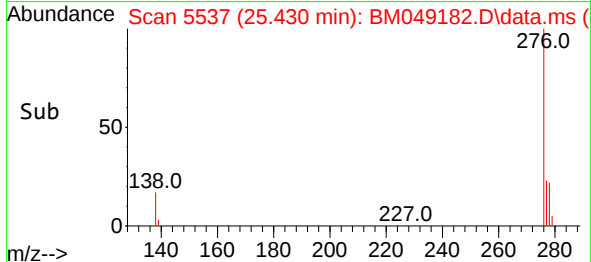
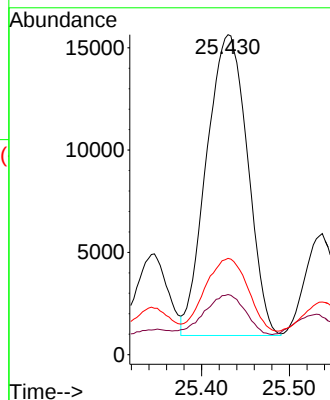
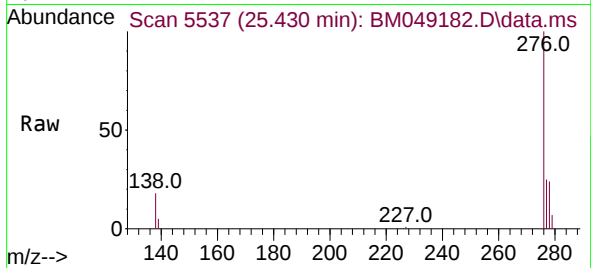
279 30.1 21.5 32.3

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: 2.260 ng/ul m

RT: 26.074 min Scan# 5729

Delta R.T. -0.020 min

Lab File: BM049182.D

Acq: 24 Dec 2024 13:32

Tgt Ion:276 Resp: 206968

Ion Ratio Lower Upper

276 100

138 18.7 16.7 25.1

277 24.0 19.9 29.9

