

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045661.D
 Acq On : 01 May 2024 14:24
 Operator : MA/JU
 Sample : P2119-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 14:54:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 30 09:34:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	655	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.292	136	1811	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.182	164	837	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.946	188	1424m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	1088	0.400	ng/ul	-0.01
23) Perylene-d12	23.356	264	1702m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2611	2.974	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.914	152	489	0.205	ng/ul	-0.02
18) Fluoranthene-d10	18.992	212	626	0.183	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	464	0.095	ng/ul#	81
7) 2-Methylnaphthalene	11.991	142	229	0.082	ng/ul	96
8) 1-Methylnaphthalene	12.206	142	211	0.068	ng/ul	91
10) Acenaphthylene	13.900	152	601	0.146	ng/ul#	84
11) Acenaphthene	14.242	153	105	0.034	ng/ul#	91
12) Fluorene	15.246	166	156	0.048	ng/ul#	90
15) Phenanthrene	16.984	178	2253	0.543	ng/ul	96
16) Anthracene	17.081	178	735m	0.189	ng/ul	
19) Fluoranthene	19.020	202	6452	1.285	ng/ul#	93
20) Pyrene	19.387	202	5641	1.093	ng/ul	94
21) Benzo(a)anthracene	21.161	228	3016	0.867	ng/ul	99
22) Chrysene	21.214	228	2569	0.480	ng/ul	97
24) Benzo(b)fluoranthene	22.701	252	5811	1.015	ng/ul	95
25) Benzo(k)fluoranthene	22.742	252	1936m	0.268	ng/ul	
26) Benzo(a)pyrene	23.254	252	3970	0.669	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.535	276	3703	0.429	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.545	278	831	0.121	ng/ul#	68
29) Benzo(g,h,i)perylene	26.202	276	3857	0.497	ng/ul	97

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

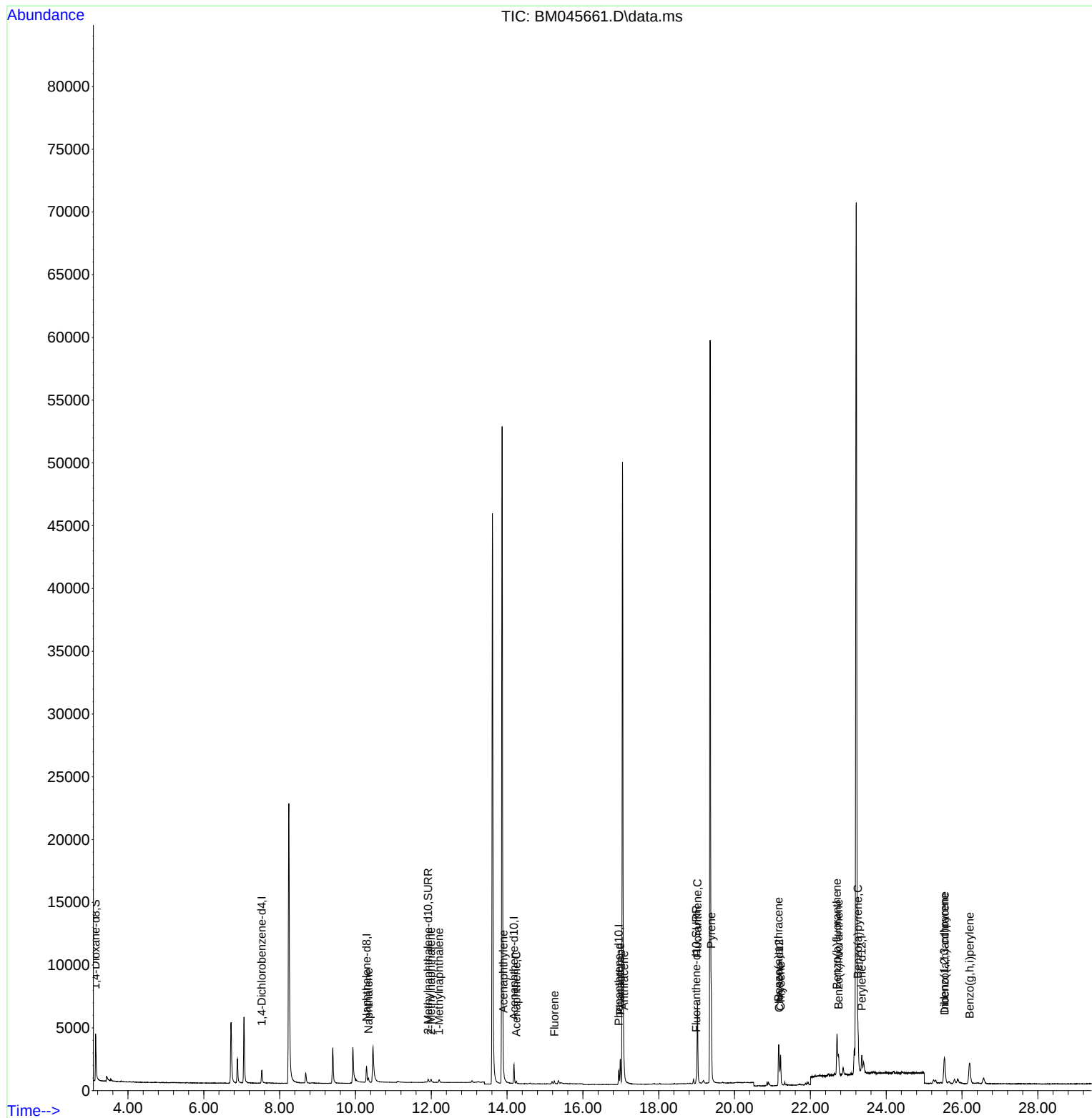
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045661.D
Acq On : 01 May 2024 14:24
Operator : MA/JU
Sample : P2119-07
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ALS Vial : 7 Sample Multiplier: 1

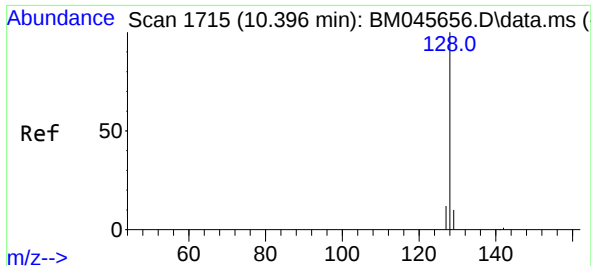
Instrument :
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C0AL1

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Supervised By :mohammad ahmed 05/02/2024

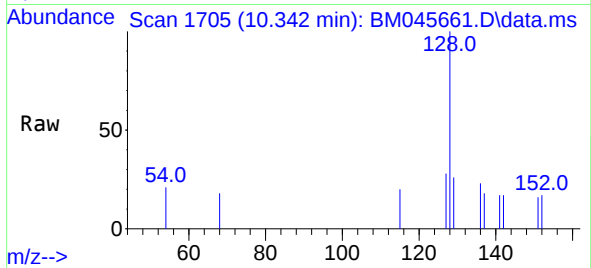
Quant Time: May 01 14:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.342 min Scan# 1715
Delta R.T. -0.033 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

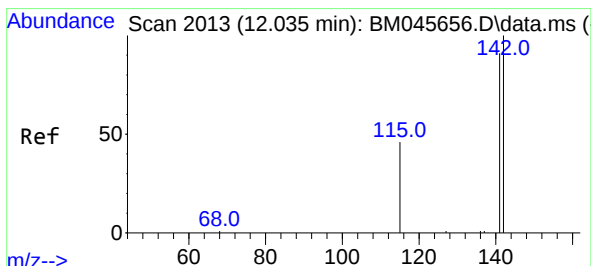
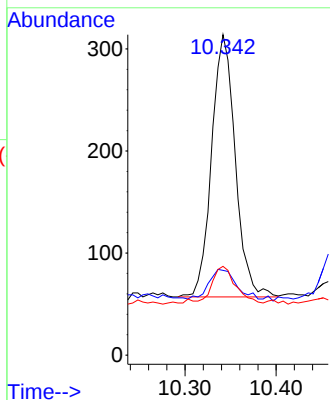
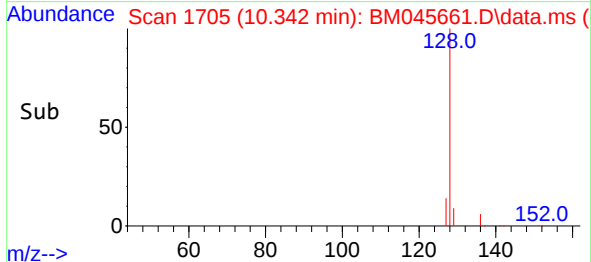
Instrument :
BNA_M
ClientSampleId :
COAL1



Tgt Ion:128 Resp: 464
Ion Ratio Lower Upper
128 100
129 26.4 14.0 21.0
127 27.7 15.4 23.2

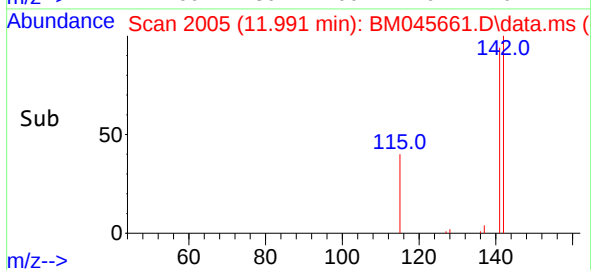
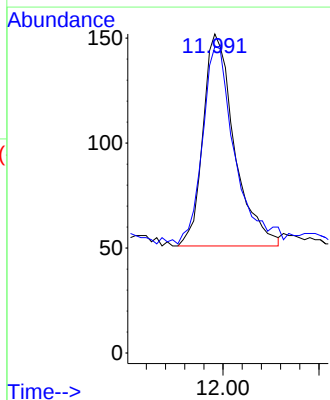
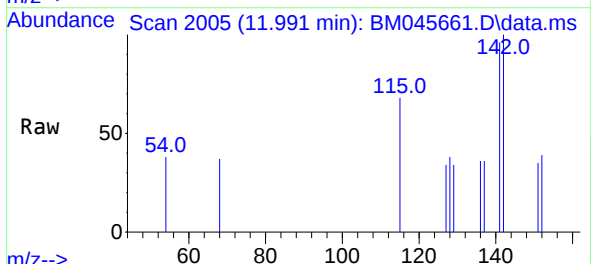
Manual Integrations
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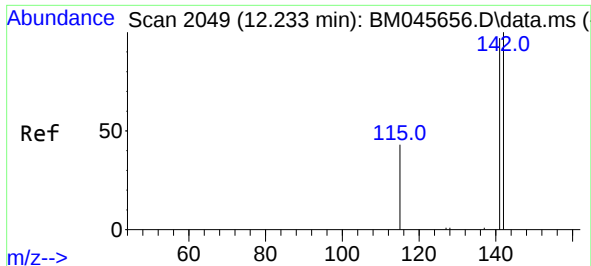
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

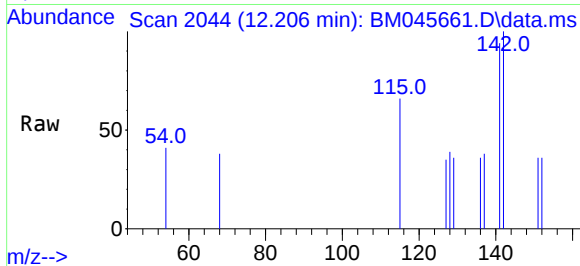
Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
141 97.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.206 min Scan# 2044
Delta R.T. -0.011 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

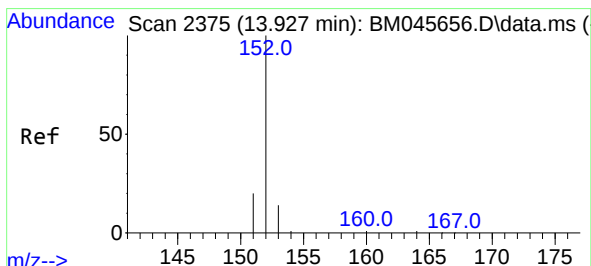
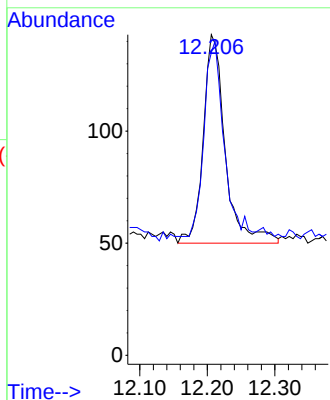
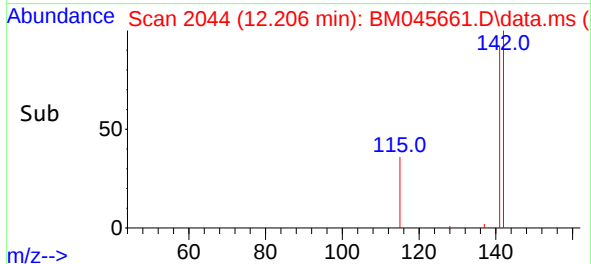
Instrument :
BNA_M
ClientSampleId :
COAL1



Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
141 86.3 76.1 114.1

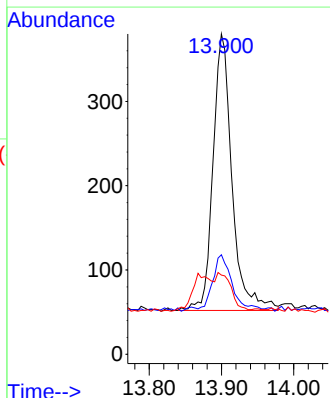
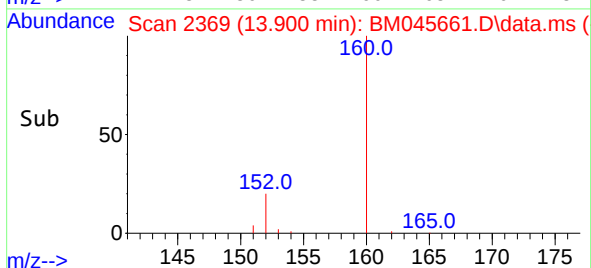
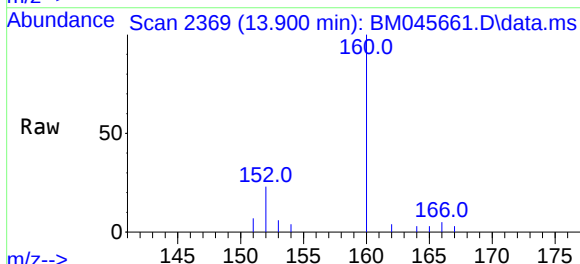
Manual Integrations
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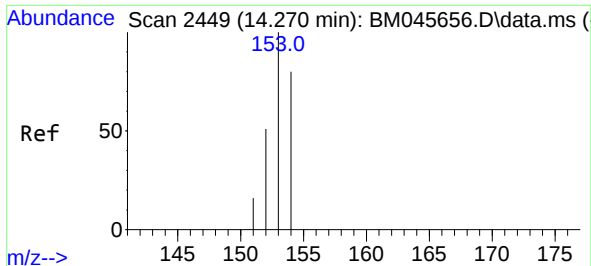
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 13.900 min Scan# 2369
Delta R.T. -0.023 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

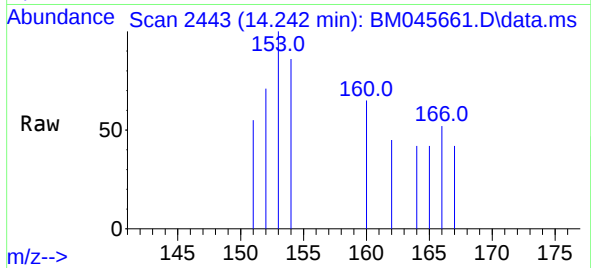
Tgt Ion:152 Resp: 601
Ion Ratio Lower Upper
152 100
151 31.1 18.6 28.0#
153 24.7 14.1 21.1#





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.242 min Scan# 2443
Delta R.T. -0.023 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

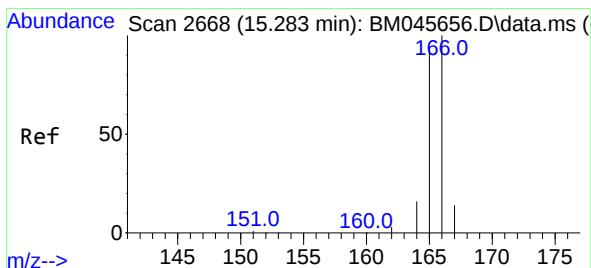
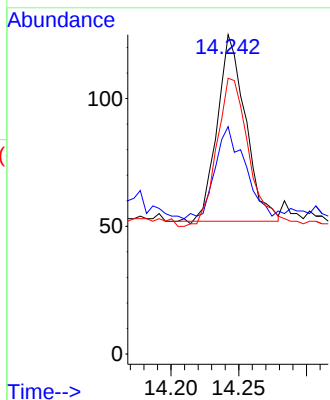
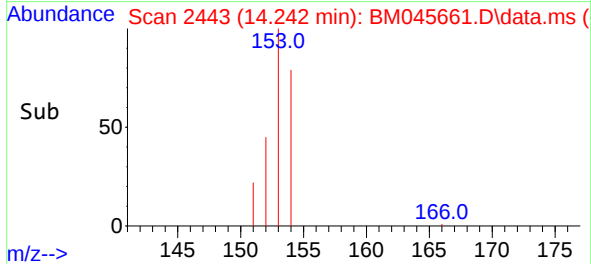
Instrument :
BNA_M
ClientSampleId :
COAL1



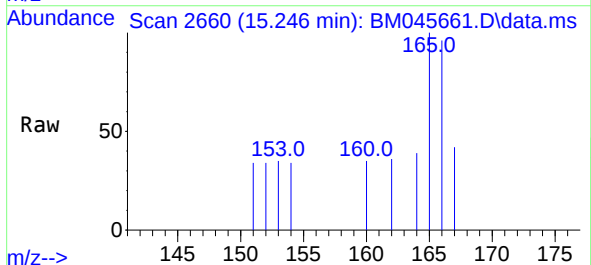
Tgt Ion:153 Resp: 100
Ion Ratio Lower Upper
153 100
152 71.2 43.4 65.2
154 86.4 69.0 103.6

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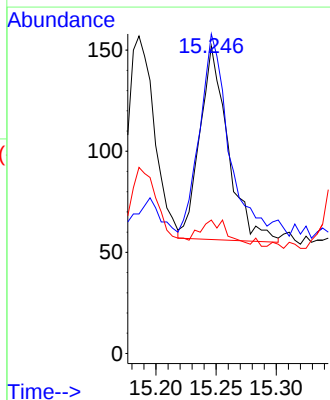
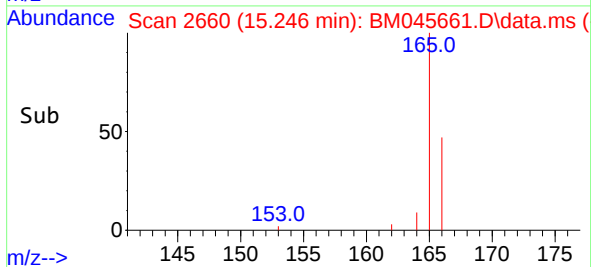
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

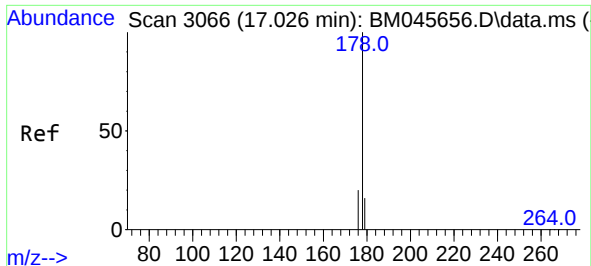


#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.246 min Scan# 2660
Delta R.T. -0.032 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24



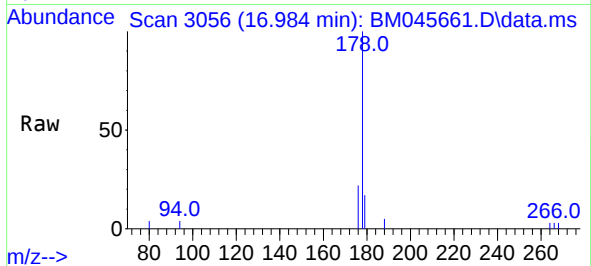
Tgt Ion:166 Resp: 156
Ion Ratio Lower Upper
166 100
165 103.9 82.2 123.2
167 43.4 14.8 22.2#





#15
Phenanthrene
Concen: 0.543 ng/ul
RT: 16.984 min Scan# 3056
Delta R.T. -0.038 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

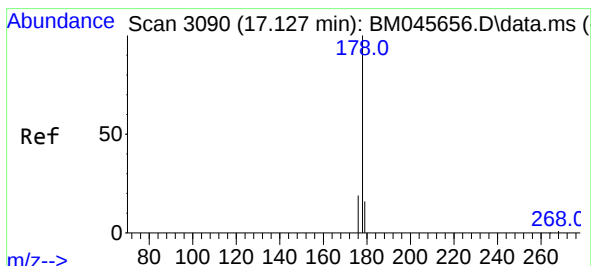
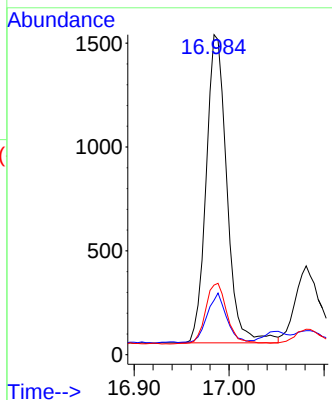
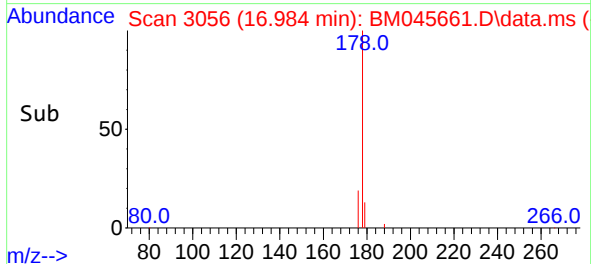
Instrument :
BNA_M
ClientSampleId :
COAL1



Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.4	23.2
176	21.7	19.0	28.4

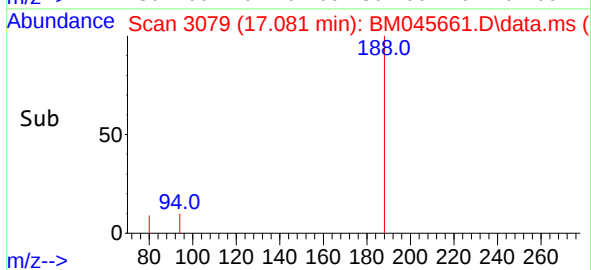
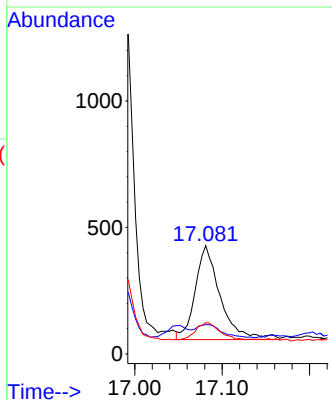
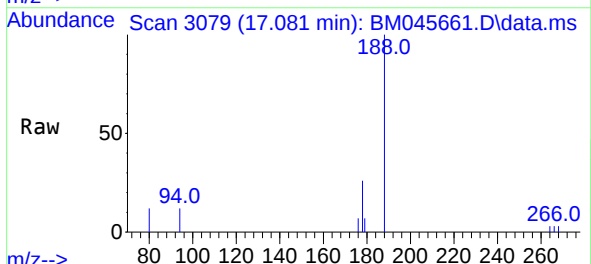
Manual Integrations
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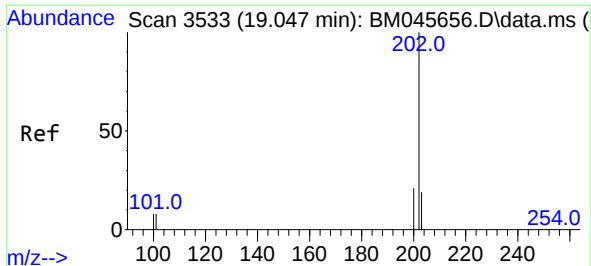
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#16
Anthracene
Concen: 0.189 ng/ul m
RT: 17.081 min Scan# 3079
Delta R.T. -0.050 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

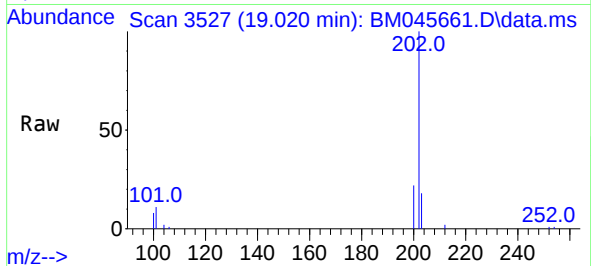
Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.1	17.8	26.6#
176	28.7	18.7	28.1#





#19
Fluoranthene
Concen: 1.285 ng/u1
RT: 19.020 min Scan# 31
Delta R.T. -0.028 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

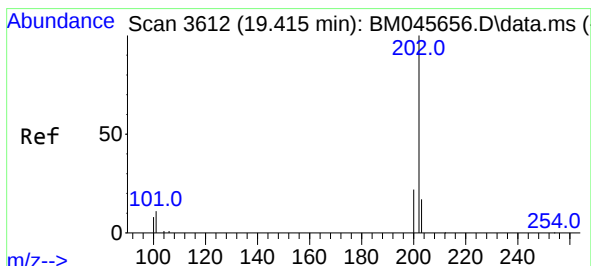
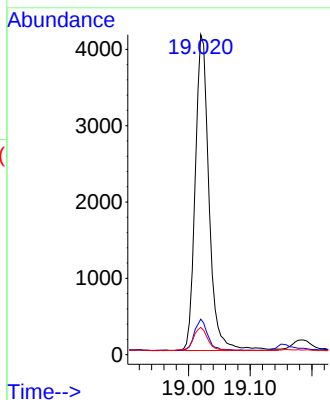
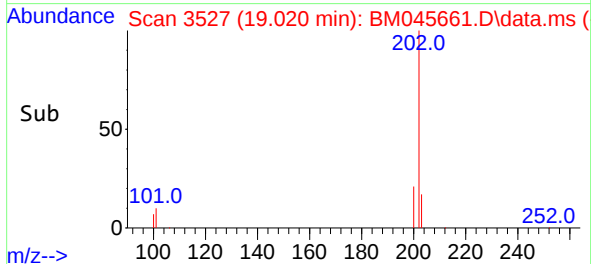
Instrument :
BNA_M
ClientSampleId :
C0AL1



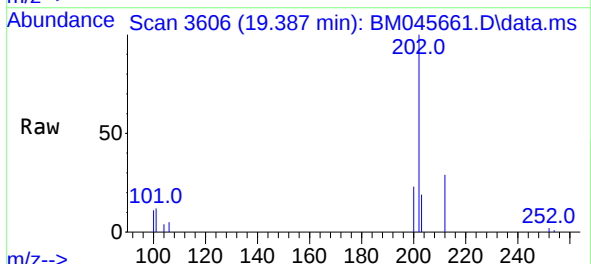
Tgt Ion:202 Resp: 6452
Ion Ratio Lower Upper
202 100
101 11.1 11.2 16.8
100 8.5 9.1 13.7

Manual Integrations
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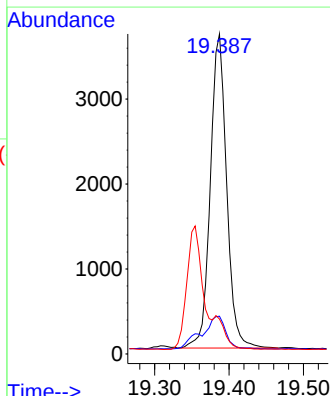
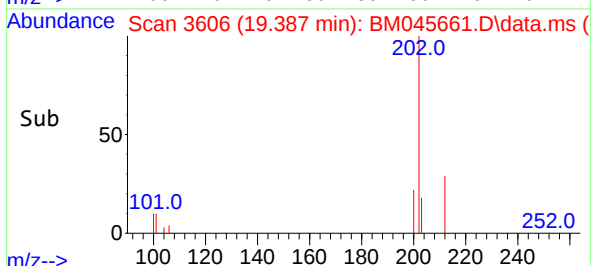
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

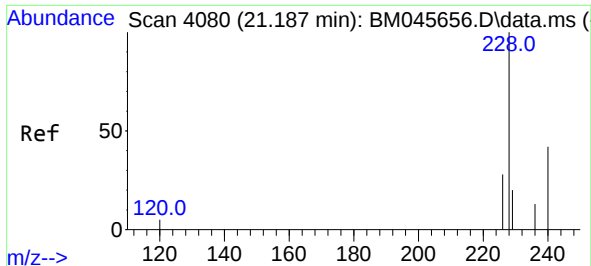


#20
Pyrene
Concen: 1.093 ng/u1
RT: 19.387 min Scan# 3606
Delta R.T. -0.023 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24



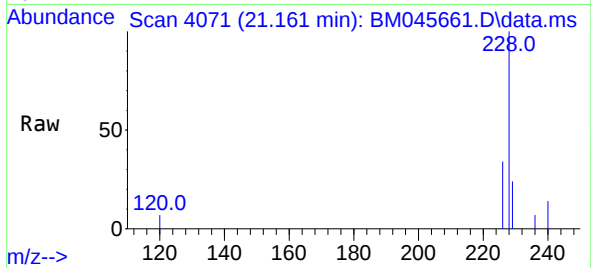
Tgt Ion:202 Resp: 5641
Ion Ratio Lower Upper
202 100
101 11.8 11.5 17.3
100 10.9 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.867 ng/ul
RT: 21.161 min Scan# 4071
Delta R.T. -0.020 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

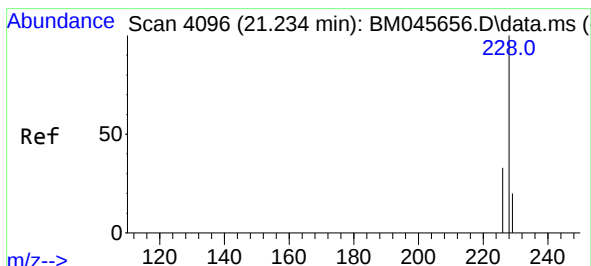
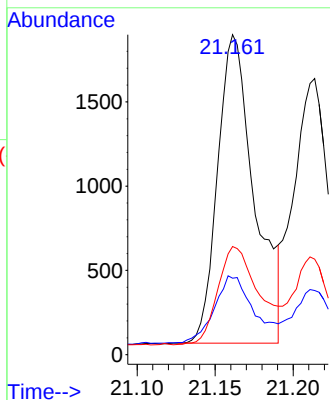
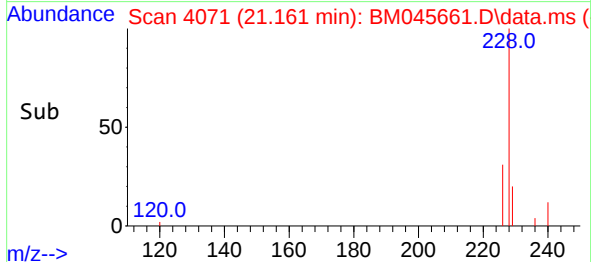
Instrument :
BNA_M
ClientSampleId :
COAL1



Tgt Ion:228 Resp: 3010
Ion Ratio Lower Upper
228 100
229 23.9 19.4 29.2
226 33.8 26.3 39.5

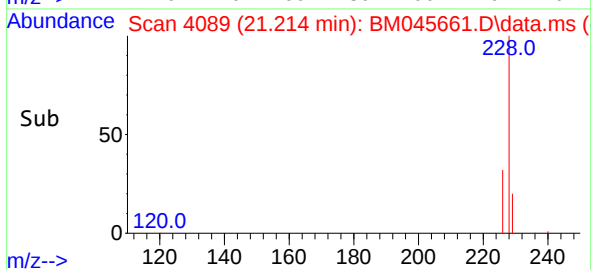
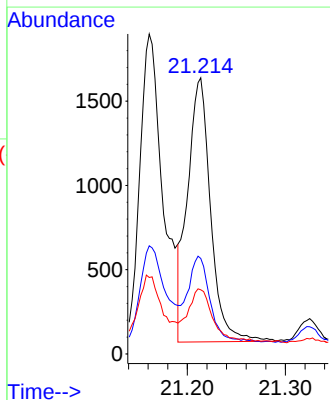
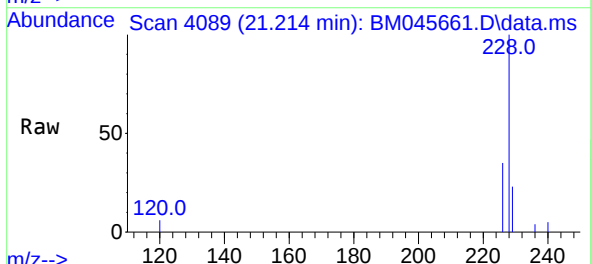
Manual Integrations
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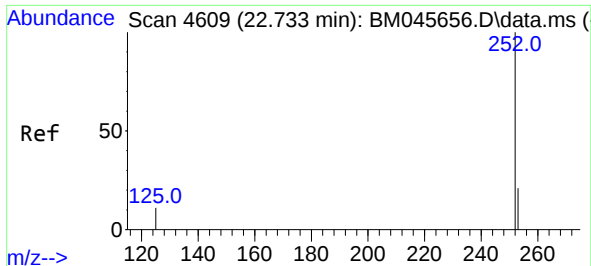
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#22
Chrysene
Concen: 0.480 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. -0.011 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

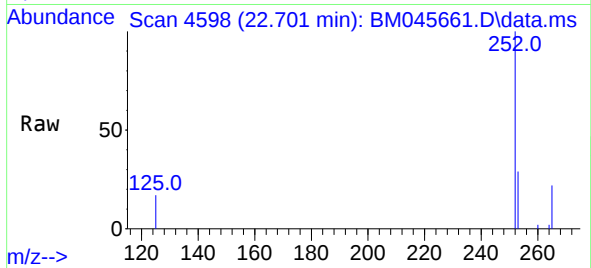
Tgt Ion:228 Resp: 2569
Ion Ratio Lower Upper
228 100
226 34.6 26.3 39.5
229 23.2 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 1.015 ng/ul
RT: 22.701 min Scan# 4610
Delta R.T. -0.023 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

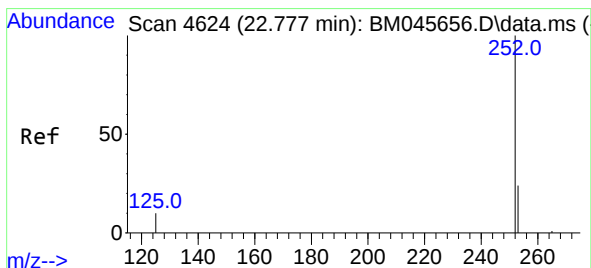
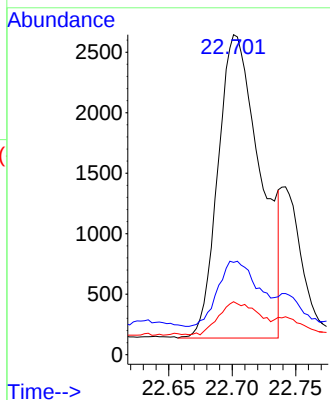
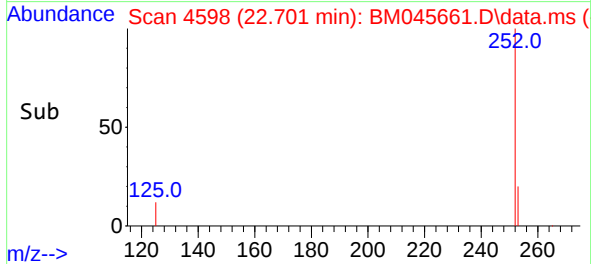
Instrument :
BNA_M
ClientSampleId :
COAL1



Tgt Ion:252 Resp: 581
Ion Ratio Lower Upper
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253 28.8 0.0 63.4
125 16.6 0.0 36.8

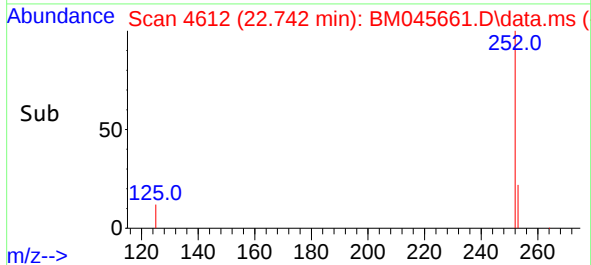
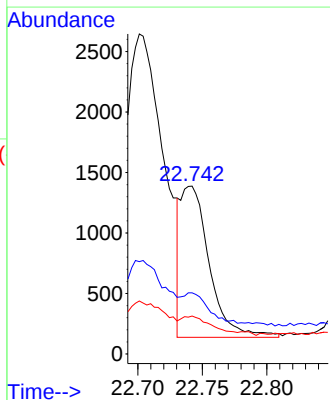
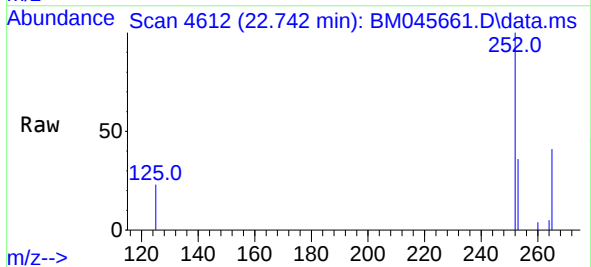
Manual Integrations
APPROVED

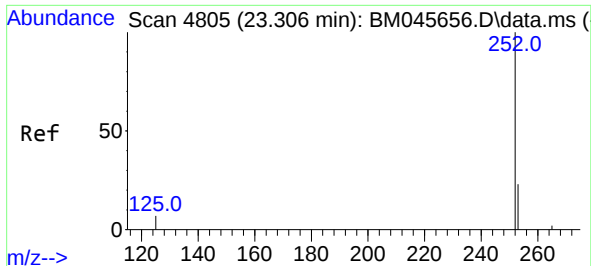
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#25
Benzo(k)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.742 min Scan# 4612
Delta R.T. -0.026 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

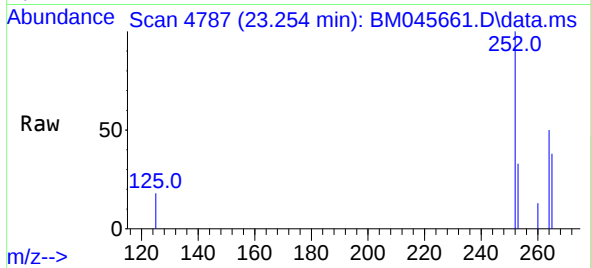
Tgt Ion:252 Resp: 1936
Ion Ratio Lower Upper
252 100
253 36.5 25.4 38.0
125 22.6 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.669 ng/ul
RT: 23.254 min Scan# 4787
Delta R.T. -0.038 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

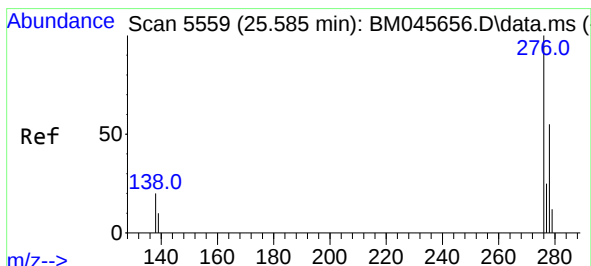
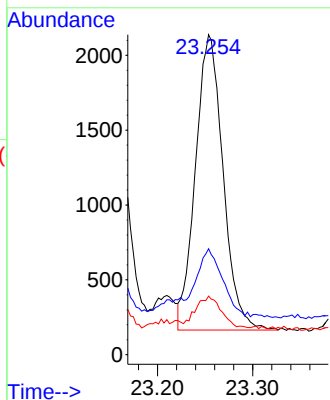
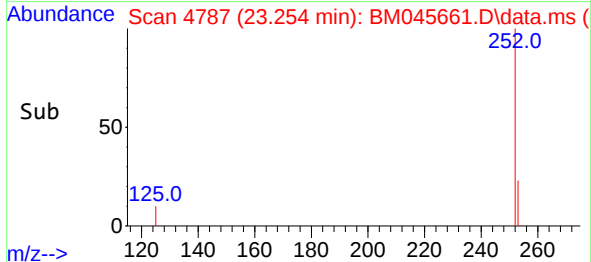
Instrument :
BNA_M
ClientSampleId :
COAL1



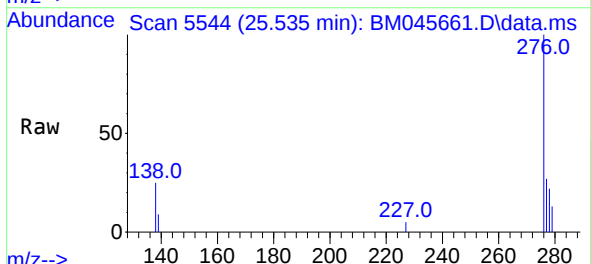
Tgt Ion:252 Resp: 3970
Ion Ratio Lower Upper
252 100
253 33.1 31.6 47.4
125 18.3 19.5 29.3

Manual Integrations
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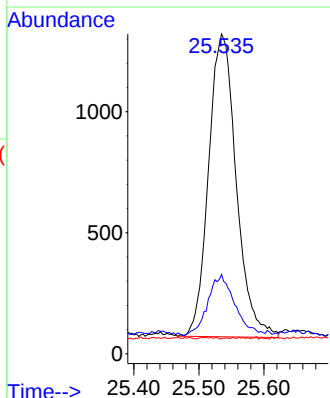
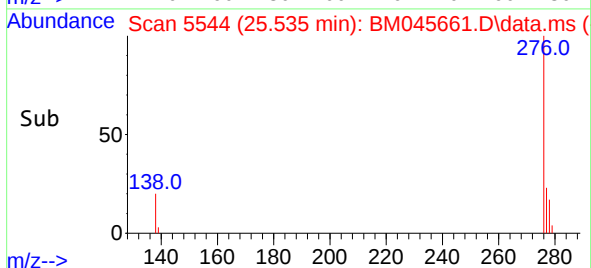
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

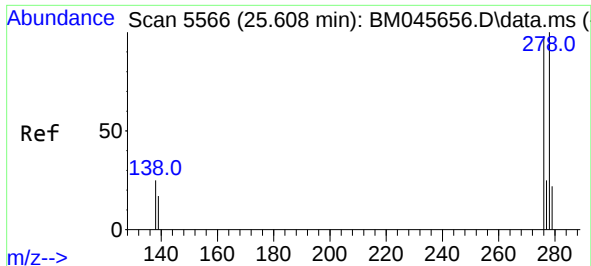


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng/ul
RT: 25.535 min Scan# 5544
Delta R.T. -0.037 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24



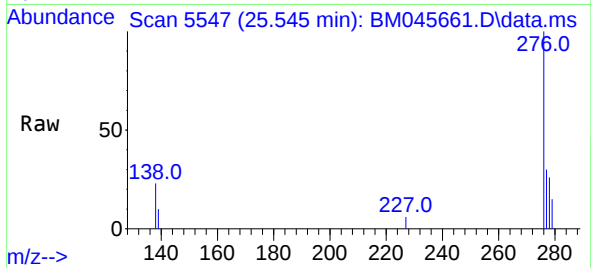
Tgt Ion:276 Resp: 3703
Ion Ratio Lower Upper
276 100
138 19.5 19.8 29.6#
227 0.2 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 25.545 min Scan# 51
Delta R.T. -0.043 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24

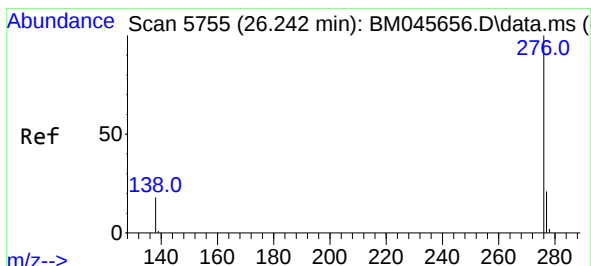
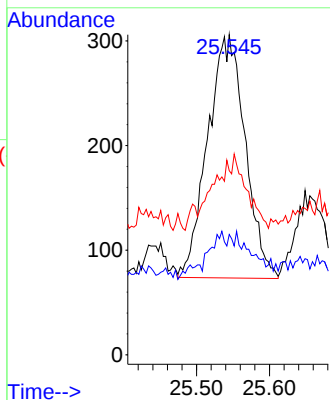
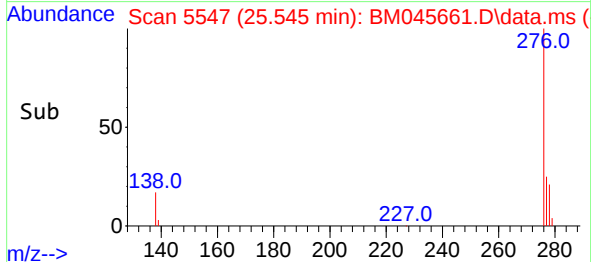
Instrument :
BNA_M
ClientSampleId :
C0AL1



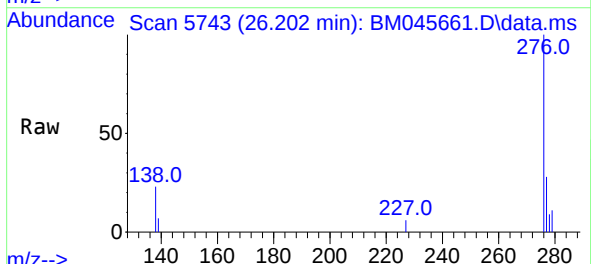
Tgt Ion:278 Resp: 83
Ion Ratio Lower Upper
278 100
139 37.6 19.0 28.6
279 57.5 29.4 44.2

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Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#29
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul
RT: 26.202 min Scan# 5743
Delta R.T. -0.027 min
Lab File: BM045661.D
Acq: 01 May 2024 14:24



Tgt Ion:276 Resp: 3857
Ion Ratio Lower Upper
276 100
138 23.1 20.8 31.2
277 27.8 21.8 32.8

