

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045945.D
 Acq On : 10 Jun 2024 11:42
 Operator : MA/JU
 Sample : P2640-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C15MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 12:20:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3936	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	12250	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6765	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	14078	0.400	ng/ul	-0.02
17) Chrysene-d12	21.040	240	11551	0.400	ng/ul	#-0.01
23) Perylene-d12	23.145	264	15177	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	2393	0.534	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	4868	0.276	ng/ul	0.00
18) Fluoranthene-d10	18.876	212	10346	0.299	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.088	88	6208	1.210	ng/ul#	67
5) Naphthalene	10.287	128	23125	0.722	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	10785	0.528	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	9963	0.449	ng/ul	99
10) Acenaphthylene	13.826	152	29955	0.974	ng/ul	99
11) Acenaphthene	14.169	153	29340	1.298	ng/ul	99
12) Fluorene	15.163	166	35799	1.417	ng/ul	100
14) Pentachlorophenol	16.529	266	1510	0.574	ng/ul	97
15) Phenanthrene	16.888	178	575030	14.548	ng/ul	99
16) Anthracene	16.981	178	111039	3.294	ng/ul	99
19) Fluoranthene	18.904	202	1088255	23.627	ng/ul	99
20) Pyrene	19.272	202	798037	16.609	ng/ul	96
21) Benzo(a)anthracene	21.023	228	477980	11.273	ng/ul	99
22) Chrysene	21.076	228	497314	10.774	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	678981m	13.488	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	254322m	4.597	ng/ul	
26) Benzo(a)pyrene	23.054	252	293299	5.859	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.202	276	272717	4.213	ng/ul	92
28) Dibenzo(a,h)anthracene	25.212	278	89826	1.736	ng/ul	94
29) Benzo(g,h,i)perylene	25.836	276	41262	0.739	ng/ul	97

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

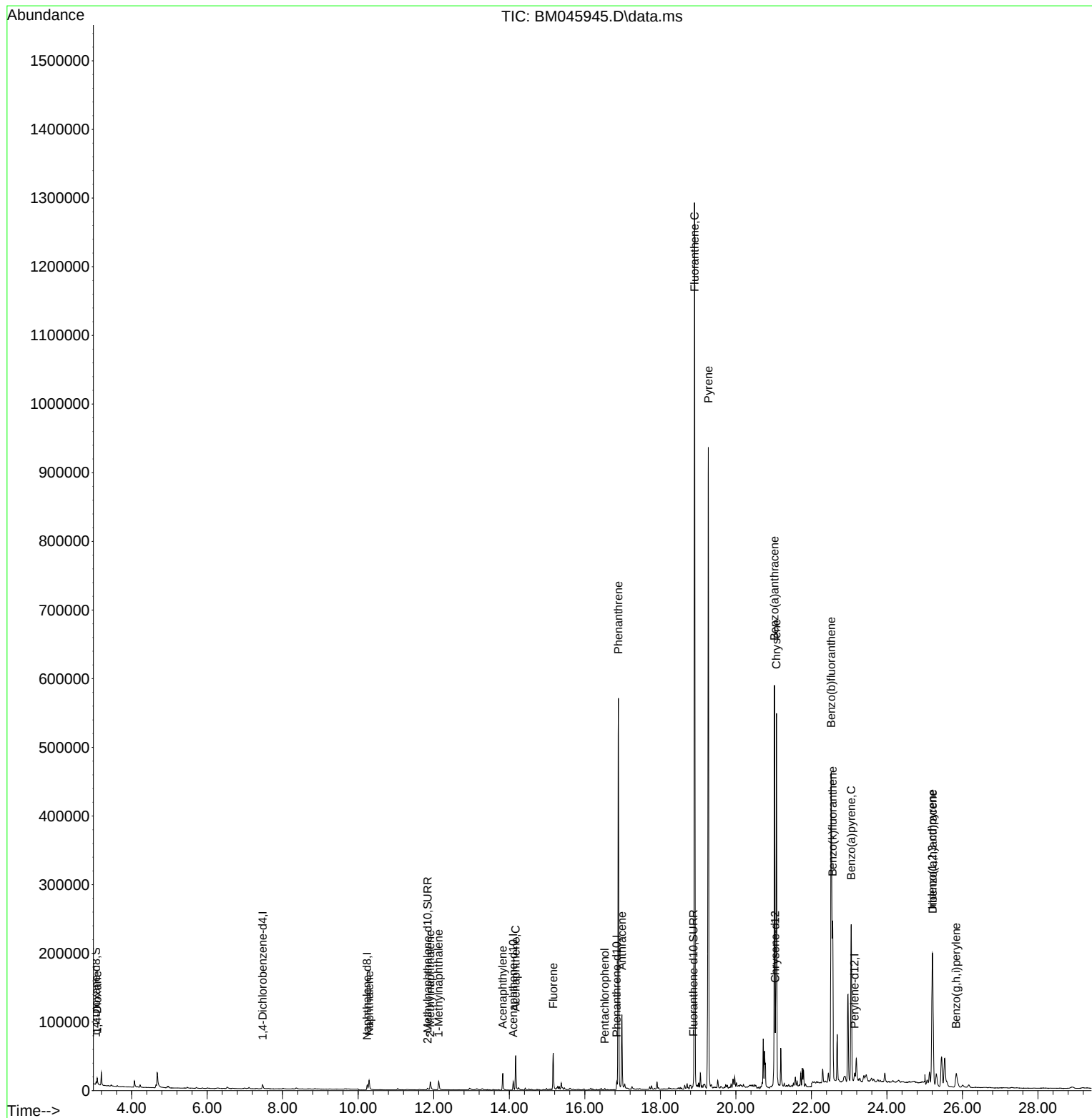
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045945.D
Acq On : 10 Jun 2024 11:42
Operator : MA/JU
Sample : P2640-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

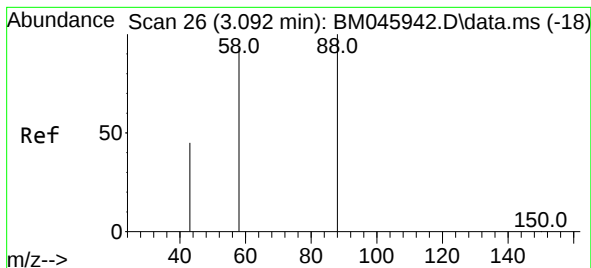
Instrument :
BNA_M
ClientSampleId :
A4C15MSD

Quant Time: Jun 10 12:20:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Supervised By :mohammad ahmed 06/13/2024





#2

1,4-Dioxane

Concen: 1.210 ng/ul

RT: 3.088 min Scan# 21

Delta R.T. -0.025 min

Lab File: BM045945.D

Acq: 10 Jun 2024 11:42

Instrument :

BNA_M

ClientSampleId :

A4C15MSD

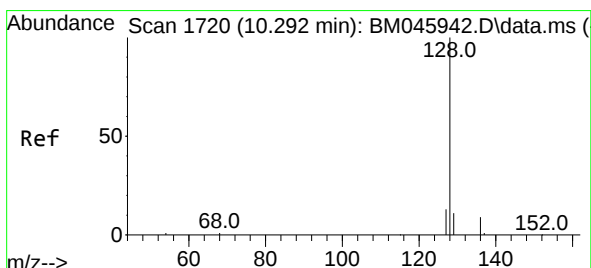
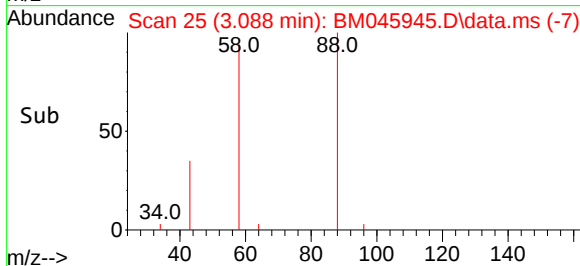
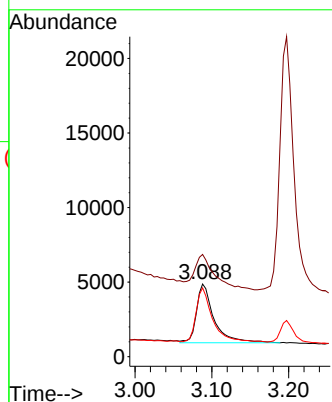
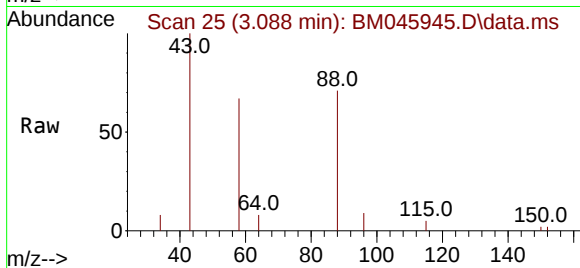
Tgt Ion: 88 Resp: 6208

Ion	Ratio	Lower	Upper
88	100		
43	140.8	87.4	131.2
58	94.8	51.1	76.7

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#5

Naphthalene

Concen: 0.722 ng/ul

RT: 10.287 min Scan# 1719

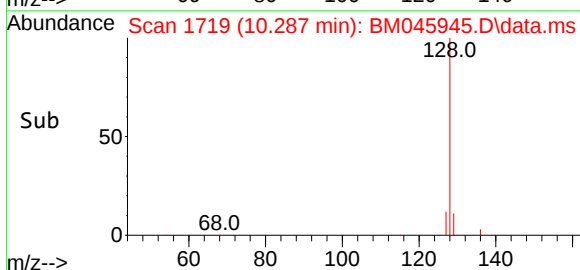
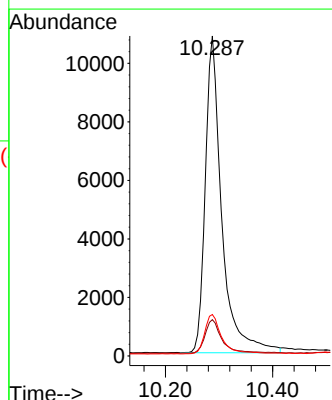
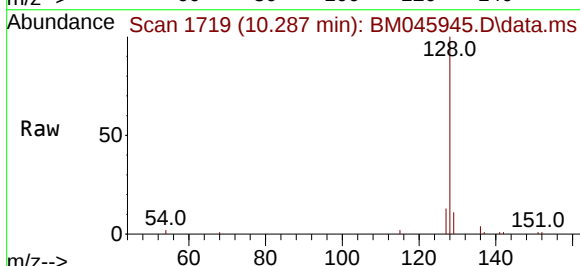
Delta R.T. -0.015 min

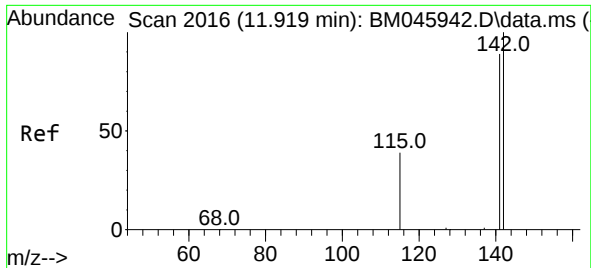
Lab File: BM045945.D

Acq: 10 Jun 2024 11:42

Tgt Ion:128 Resp: 23125

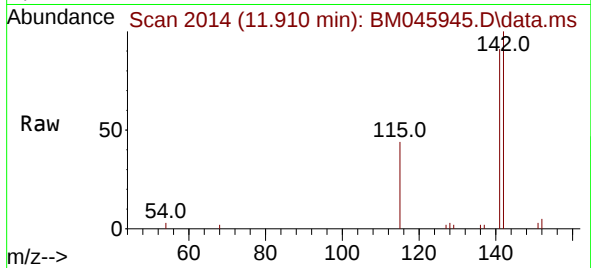
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.0	10.6	15.8





#7
2-Methylnaphthalene
Concen: 0.528 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

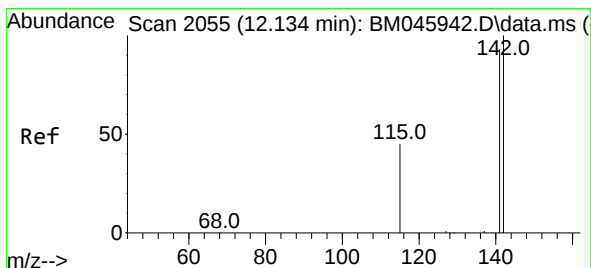
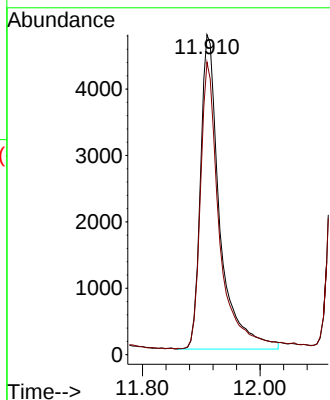
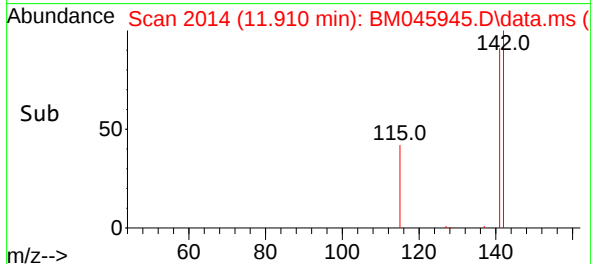
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



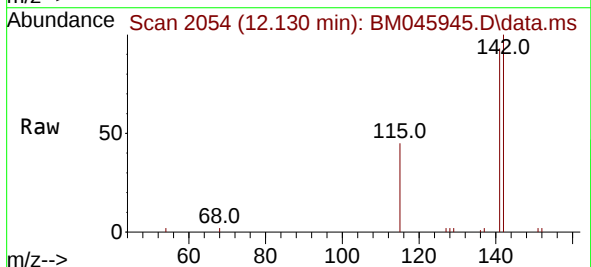
Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4

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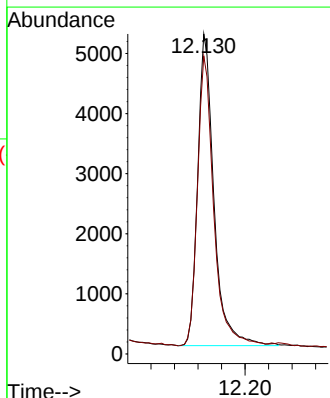
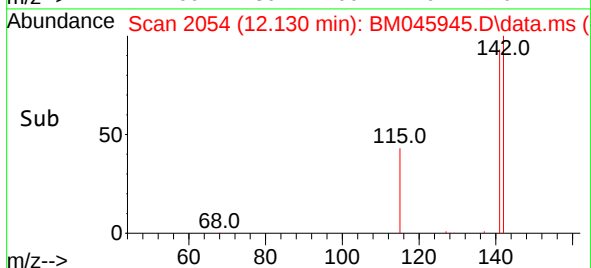
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

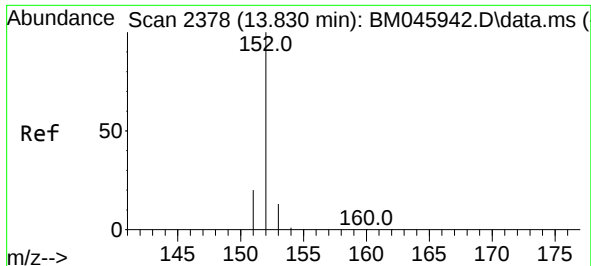


#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42



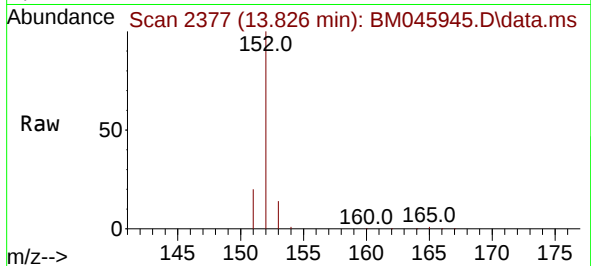
Tgt Ion:142 Resp: 9963
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3





#10
Acenaphthylene
Concen: 0.974 ng/ul
RT: 13.826 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

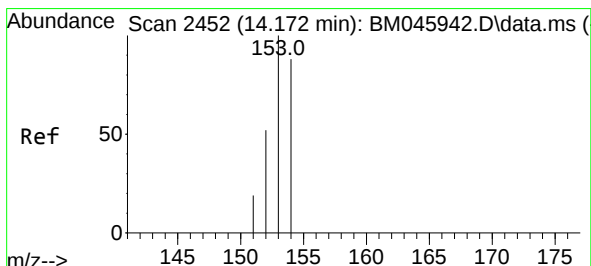
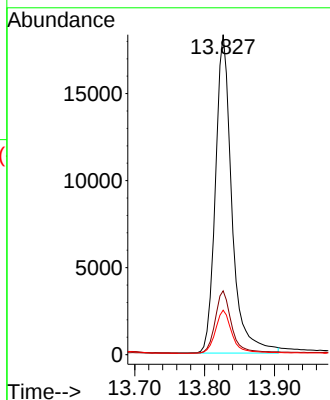
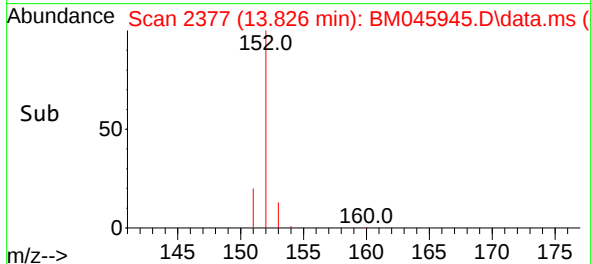
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:152 Resp: 2995
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.9 11.1 16.7

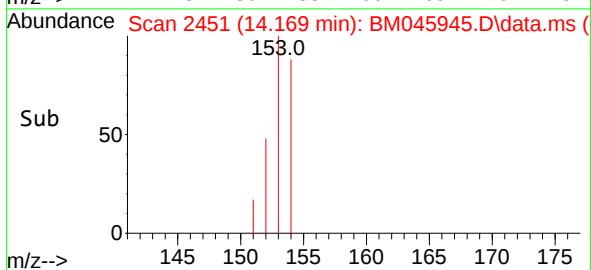
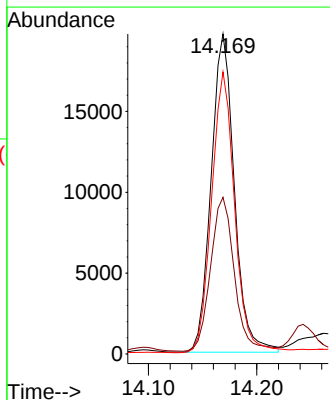
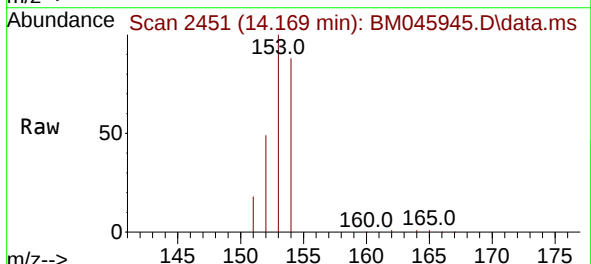
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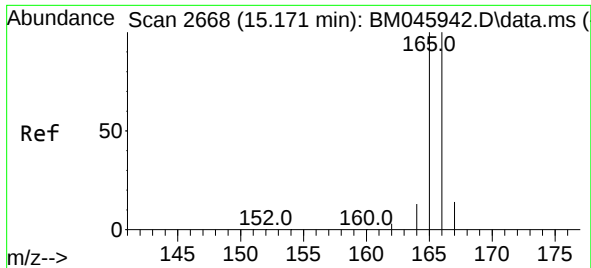
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#11
Acenaphthene
Concen: 1.298 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

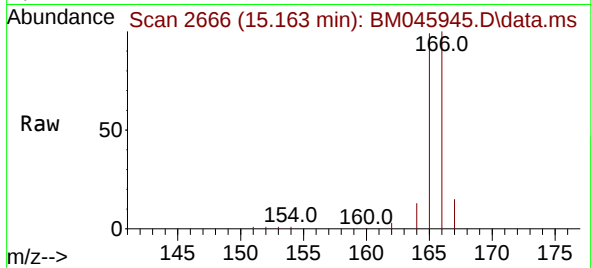
Tgt Ion:153 Resp: 29340
Ion Ratio Lower Upper
153 100
152 48.9 39.0 58.4
154 88.2 69.4 104.2





#12
Fluorene
Concen: 1.417 ng/ul
RT: 15.163 min Scan# 20
Delta R.T. -0.013 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

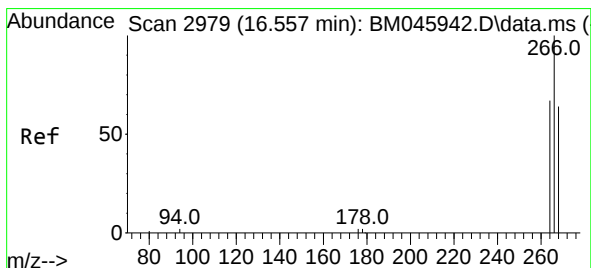
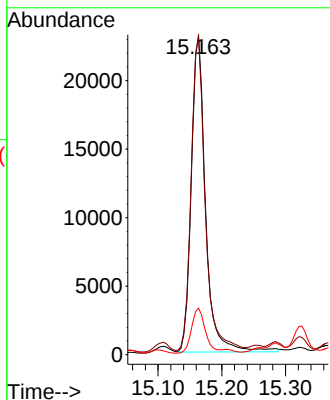
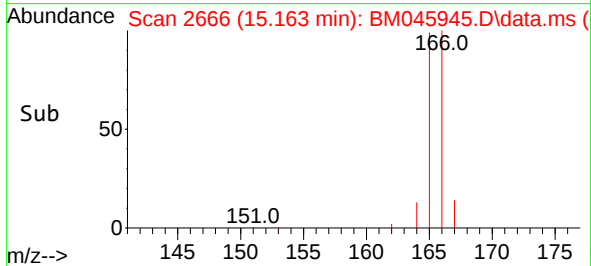
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:166 Resp: 3579
Ion Ratio Lower Upper
166 100
165 99.3 79.7 119.5
167 14.6 11.3 16.9

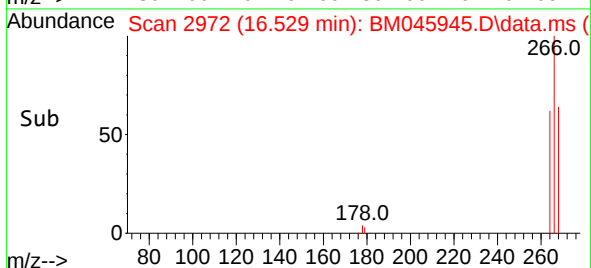
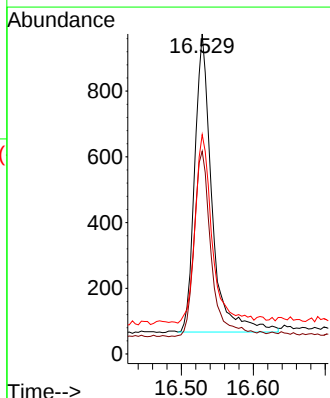
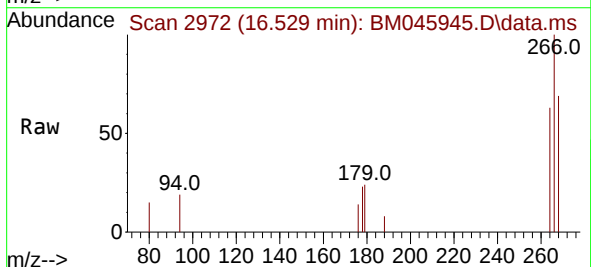
Manual Integrations
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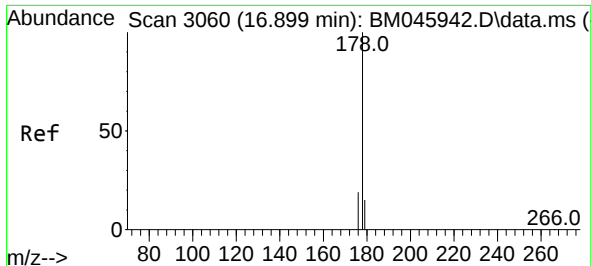
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#14
Pentachlorophenol
Concen: 0.574 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.024 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

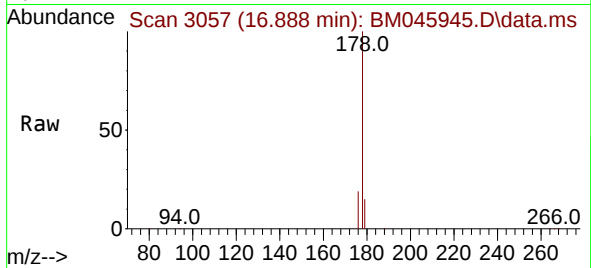
Tgt Ion:266 Resp: 1510
Ion Ratio Lower Upper
266 100
264 63.2 47.9 71.9
268 62.3 50.9 76.3





#15
Phenanthrene
Concen: 14.548 ng/ul
RT: 16.888 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

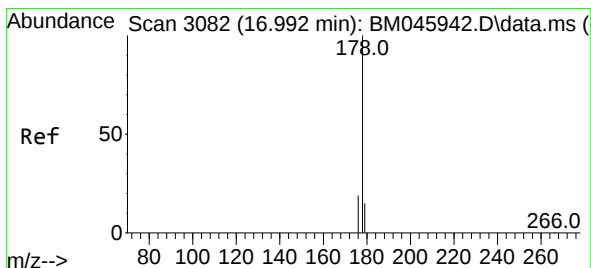
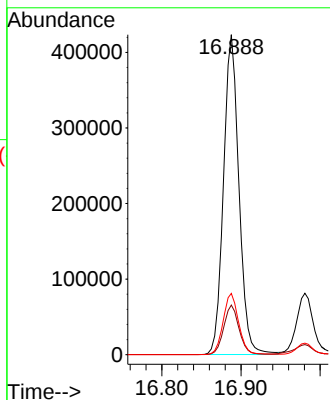
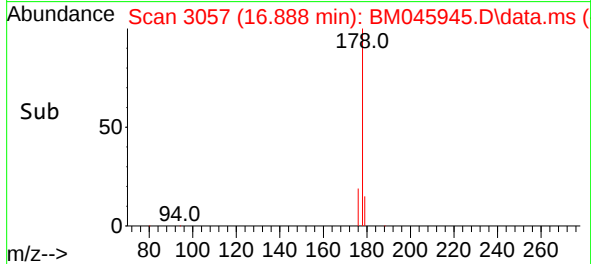
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:178 Resp: 575030
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 15.6 23.4

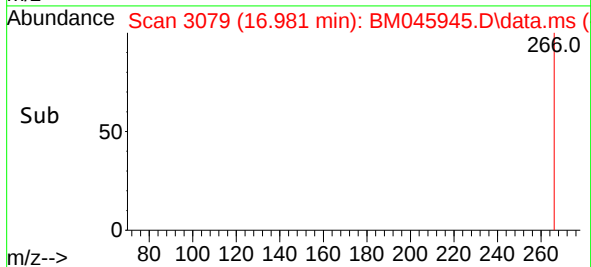
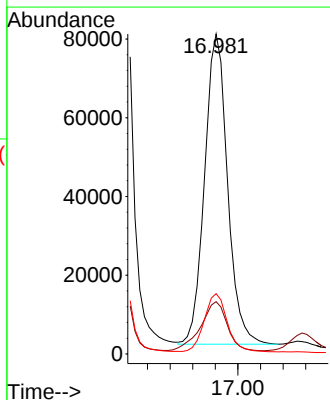
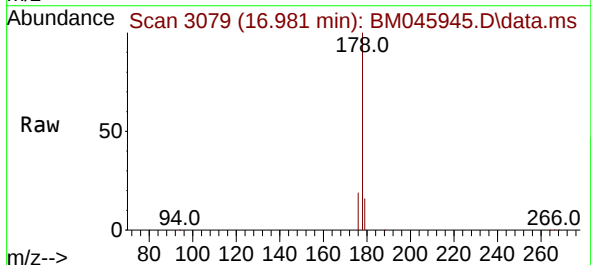
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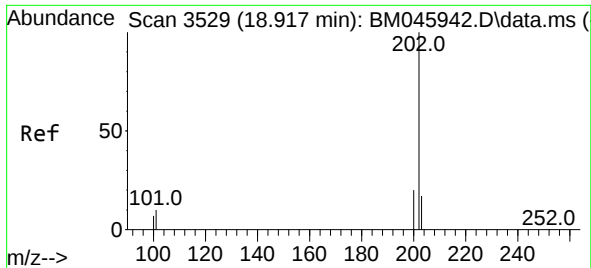
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 3.294 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

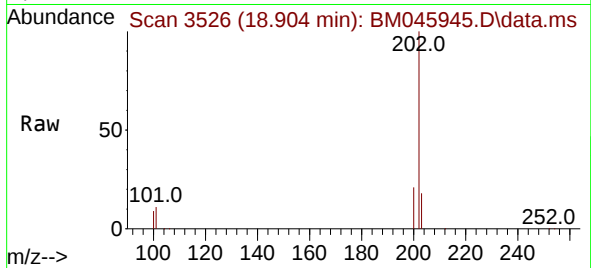
Tgt Ion:178 Resp: 111039
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 18.9 15.5 23.3





#19
Fluoranthene
Concen: 23.627 ng/u1
RT: 18.904 min Scan# 3526
Delta R.T. -0.017 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

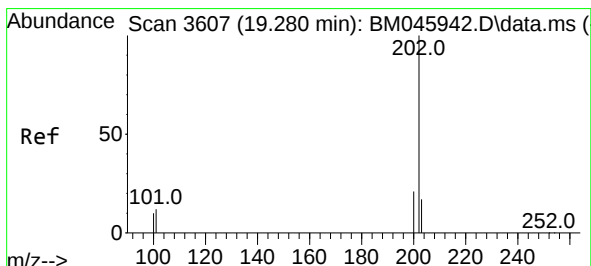
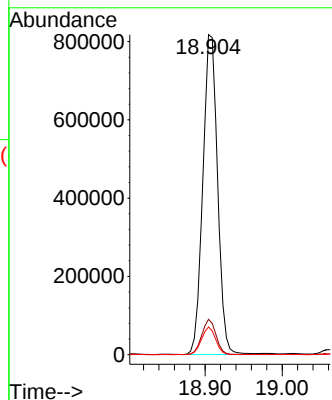
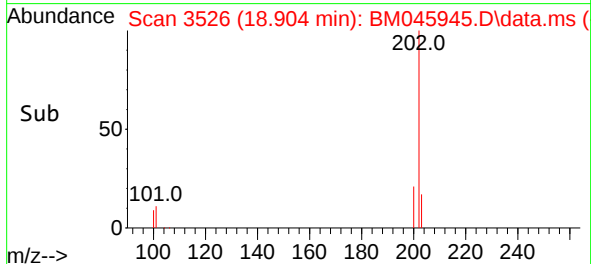
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:202 Resp: 108825
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.6 7.0 10.6

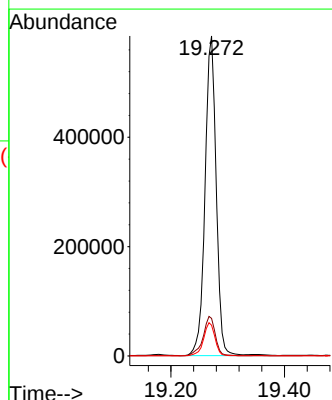
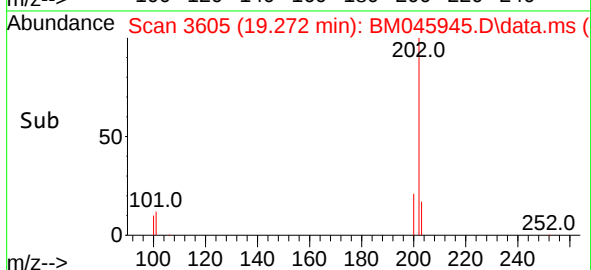
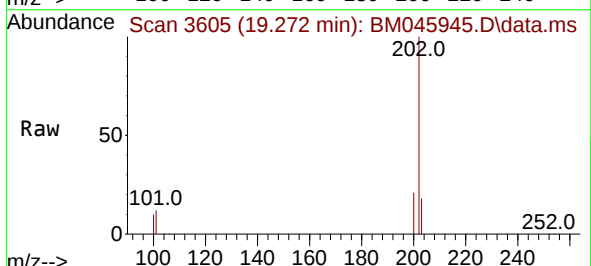
Manual Integrations
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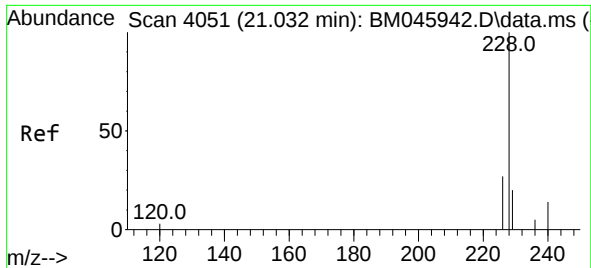
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 16.609 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

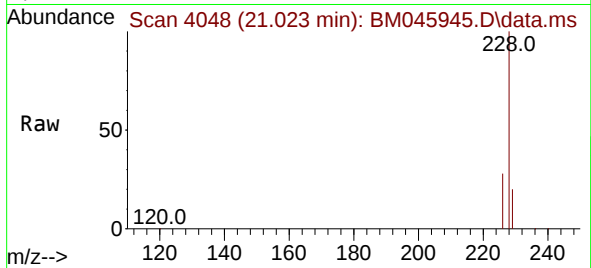
Tgt Ion:202 Resp: 798037
Ion Ratio Lower Upper
202 100
101 11.7 10.6 16.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 11.273 ng/ul
RT: 21.023 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

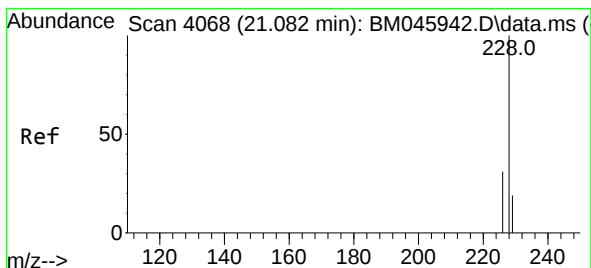
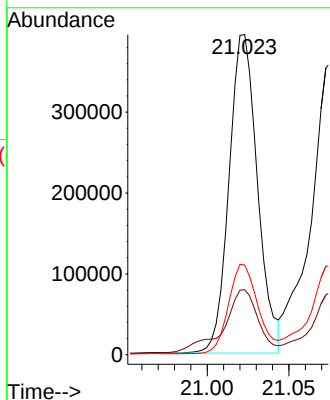
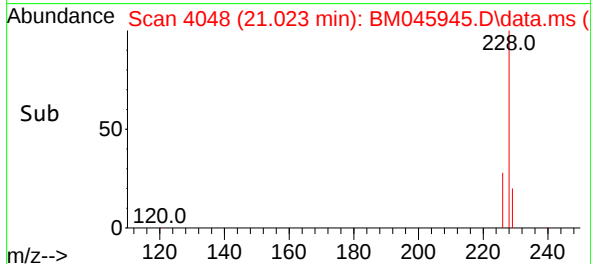
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



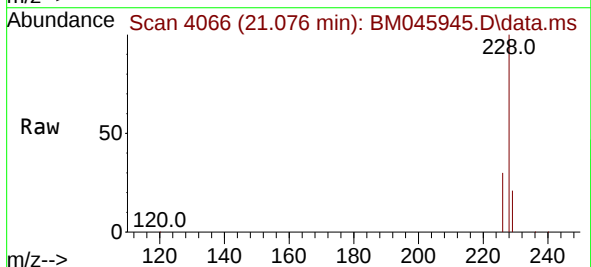
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Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.0 22.0 33.0

Manual Integrations
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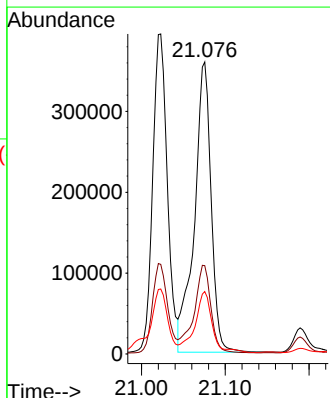
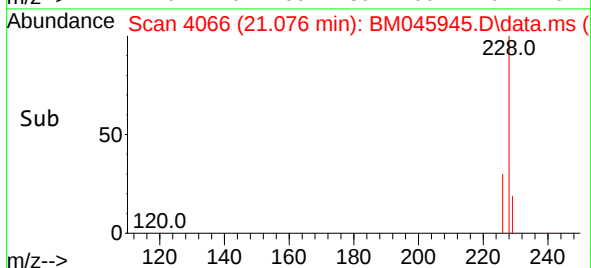
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

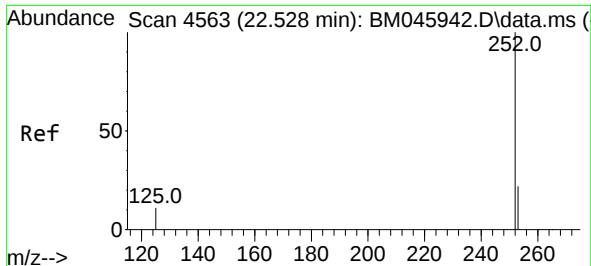


#22
Chrysene
Concen: 10.774 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42



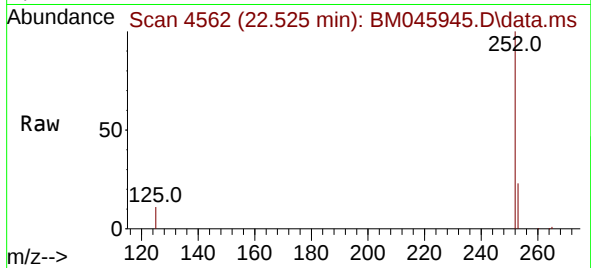
Tgt Ion:228 Resp: 497314
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.3 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 13.488 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

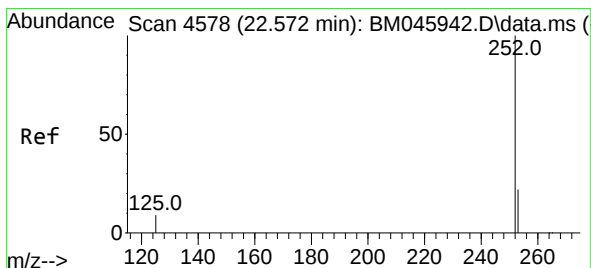
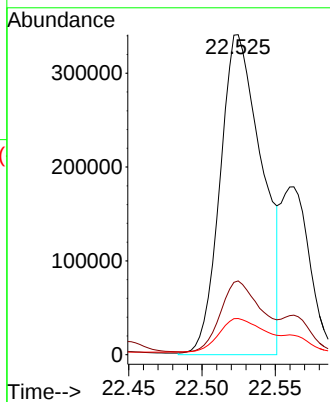
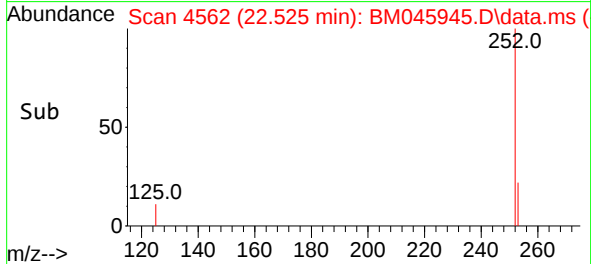
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:252 Resp: 67898
Ion Ratio Lower Upper
252 100
253 23.1 0.0 63.6
125 11.3 0.0 35.8

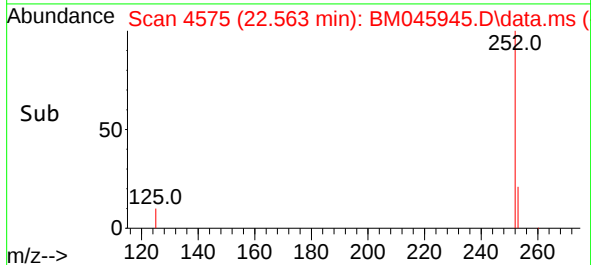
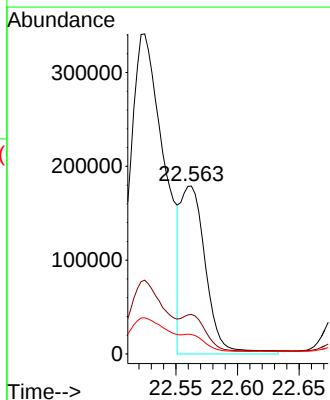
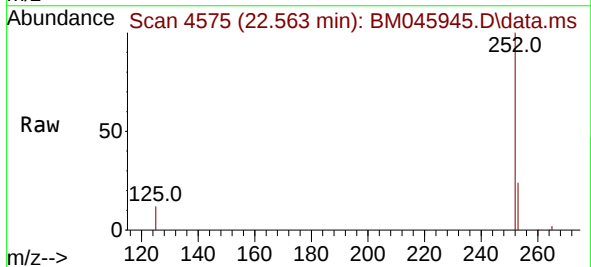
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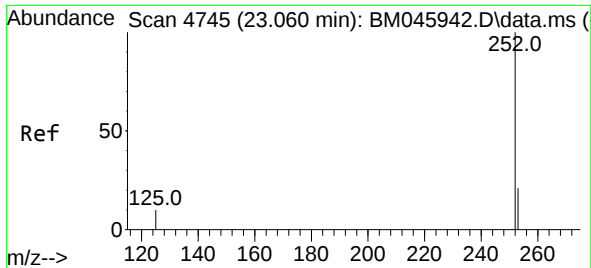
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 4.597 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

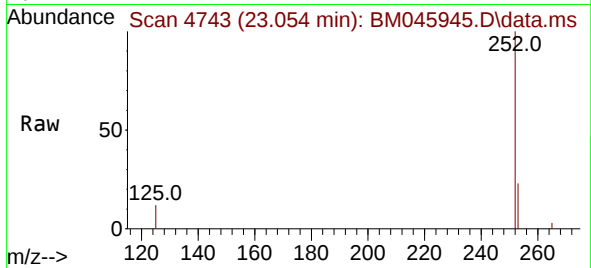
Tgt Ion:252 Resp: 254322
Ion Ratio Lower Upper
252 100
253 23.5 25.0 37.6#
125 11.5 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 5.859 ng/ul
RT: 23.054 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

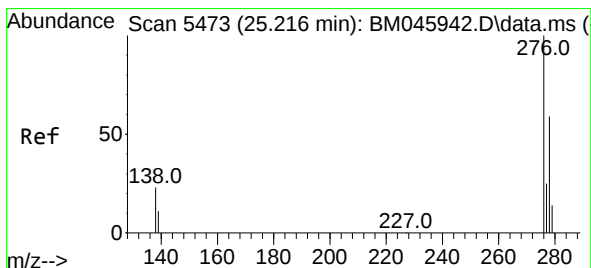
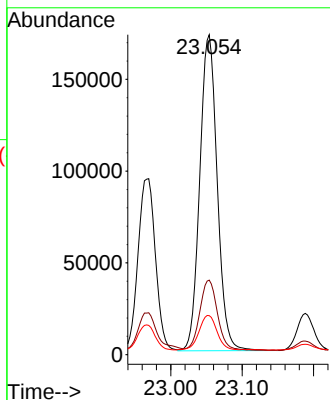
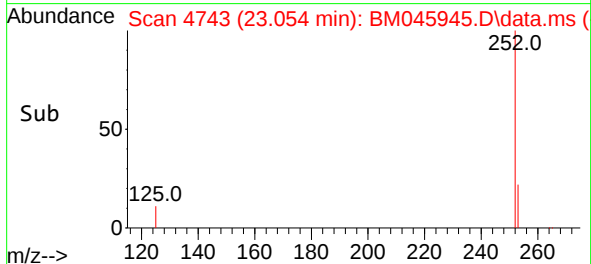
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:252 Resp: 293299
Ion Ratio Lower Upper
252 100
253 23.3 28.8 43.2
125 12.2 17.3 25.9

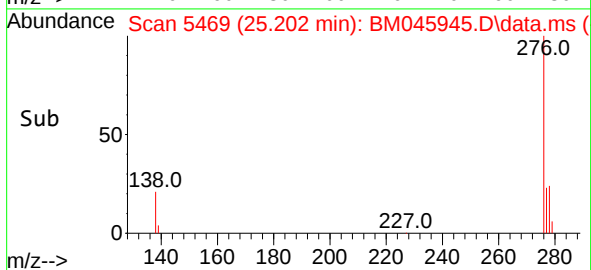
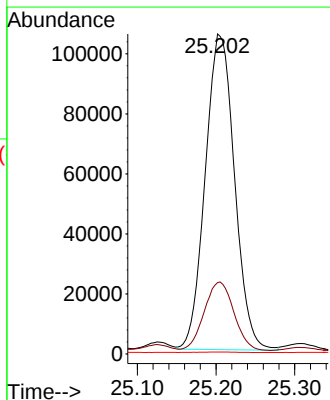
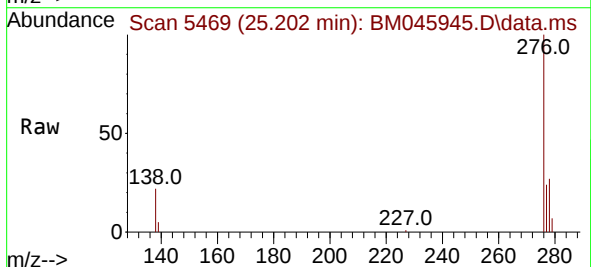
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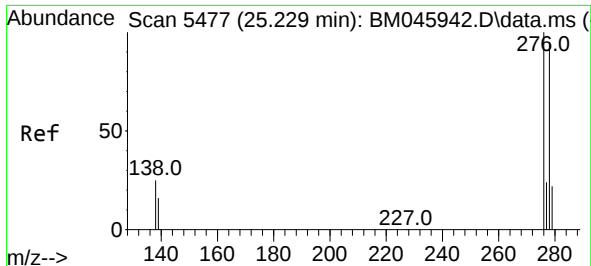
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.213 ng/ul
RT: 25.202 min Scan# 5469
Delta R.T. -0.030 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

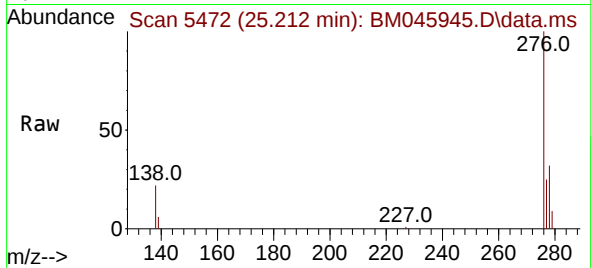
Tgt Ion:276 Resp: 272717
Ion Ratio Lower Upper
276 100
138 22.0 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.736 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.037 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

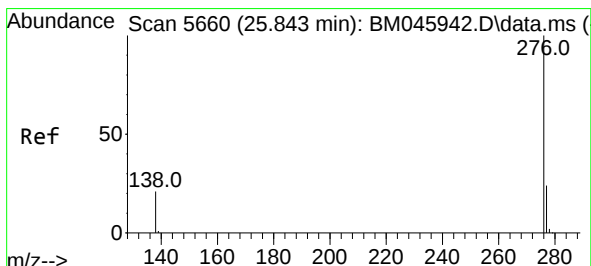
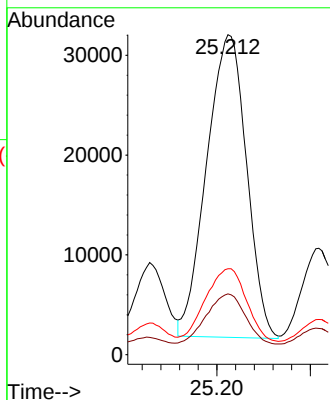
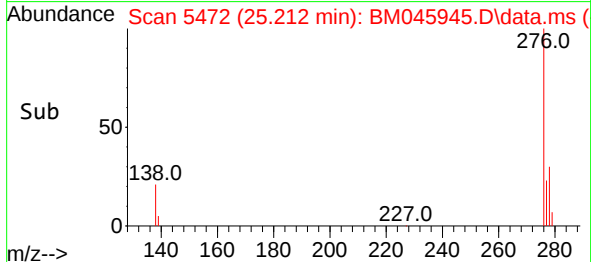
Instrument :
BNA_M
ClientSampleId :
A4C15MSD



Tgt Ion:278 Resp: 89820
Ion Ratio Lower Upper
278 100
139 19.0 16.6 25.0
279 26.8 24.6 37.0

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Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.739 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045945.D
Acq: 10 Jun 2024 11:42

Tgt Ion:276 Resp: 41262
Ion Ratio Lower Upper
276 100
138 27.2 21.0 31.4
277 27.6 20.5 30.7

