

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045569.D
 Acq On : 25 Apr 2024 19:05
 Operator : MA/JU
 Sample : P2037-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 22:53:12 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	852	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2295	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1221	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2542m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.178	240	2096	0.400	ng/ul	#-0.01
23) Perylene-d12	23.367	264	3170	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3196	2.799	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152	629	0.208	ng/ul	-0.02
18) Fluoranthene-d10	19.005	212	1082	0.164	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	3823	0.620	ng/ul#	90
7) 2-Methylnaphthalene	11.991	142	1754	0.498	ng/ul	96
8) 1-Methylnaphthalene	12.211	142	1133	0.287	ng/ul	100
10) Acenaphthylene	13.918	152	1131	0.188	ng/ul#	86
11) Acenaphthene	14.260	153	353	0.079	ng/ul#	92
12) Fluorene	15.255	166	222	0.046	ng/ul#	78
15) Phenanthrene	17.001	178	17859	2.412	ng/ul	94
16) Anthracene	17.094	178	1896m	0.274	ng/ul	
19) Fluoranthene	19.033	202	19990	2.067	ng/ul#	90
20) Pyrene	19.396	202	16522	1.662	ng/ul	94
21) Benzo(a)anthracene	21.164	228	9623	1.436	ng/ul	98
22) Chrysene	21.216	228	11793m	1.145	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	21313m	1.999	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	6774m	0.503	ng/ul	
26) Benzo(a)pyrene	23.268	252	15011	1.357	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.548	276	14985	0.932	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.558	278	3634	0.285	ng/ul#	82
29) Benzo(g,h,i)perylene	26.215	276	16185	1.121	ng/ul	94

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

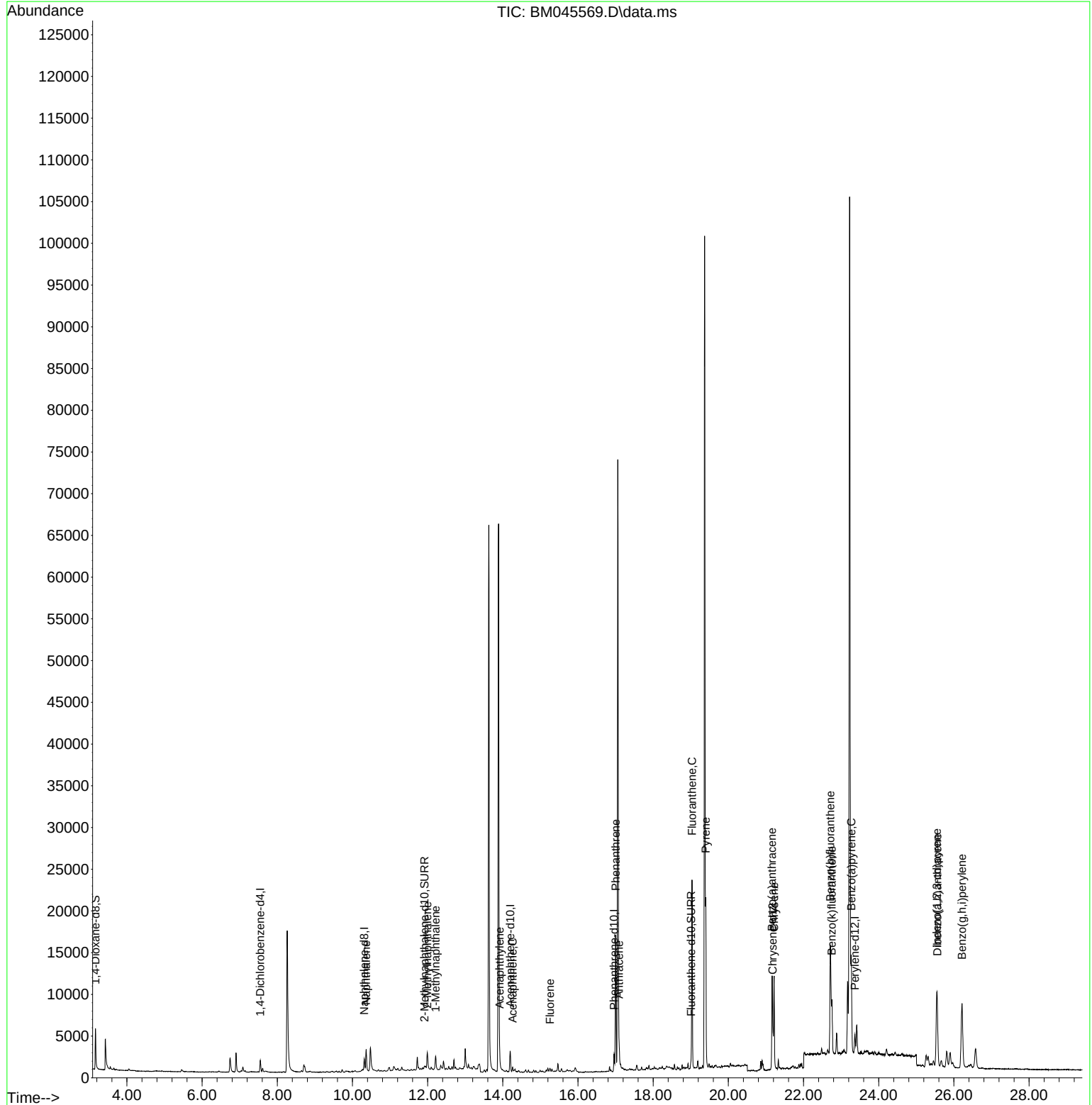
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045569.D
Acq On : 25 Apr 2024 19:05
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ALS Vial : 5 Sample Multiplier: 1

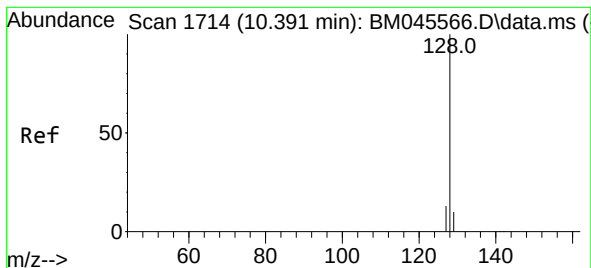
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#5

Naphthalene

Concen: 0.620 ng/ul

RT: 10.364 min Scan# 11

Delta R.T. -0.016 min

Lab File: BM045569.D

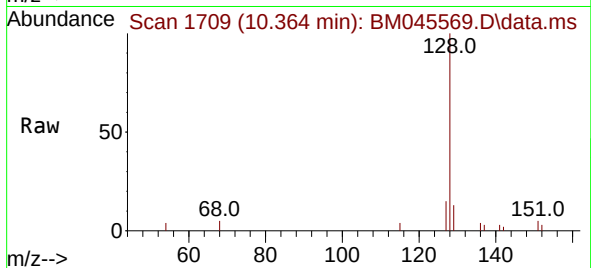
Acq: 25 Apr 2024 19:05

Instrument :

BNA_M

ClientSampleId :

E1CY4



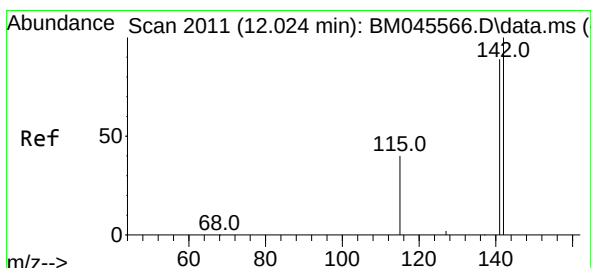
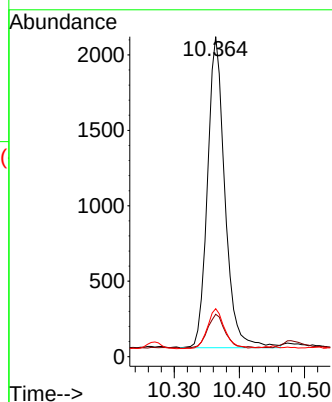
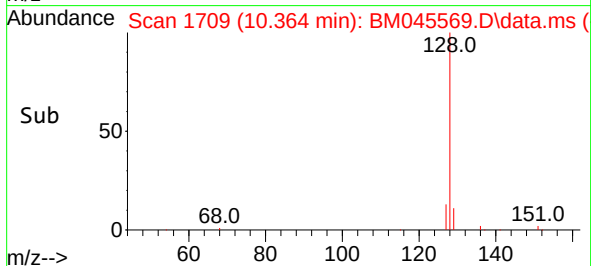
Tgt Ion:	128	Resp:	382
Ion Ratio	Lower	Upper	
128	100		
129	13.2	14.0	21.0
127	15.0	15.4	23.2

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#7

2-Methylnaphthalene

Concen: 0.498 ng/ul

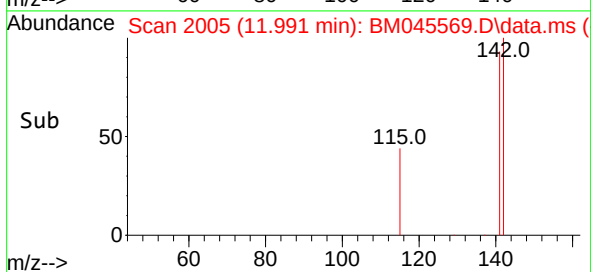
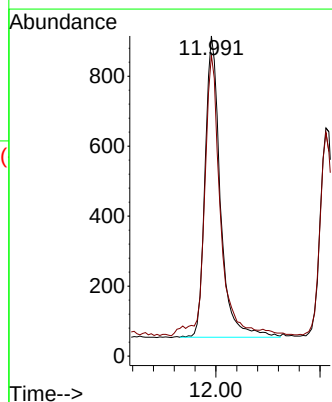
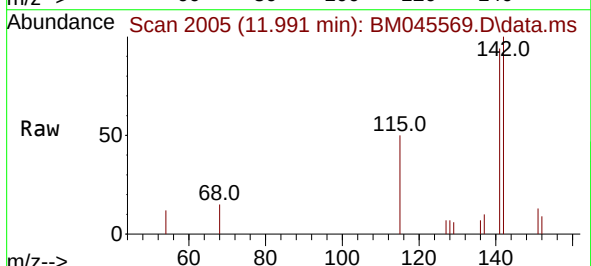
RT: 11.991 min Scan# 2005

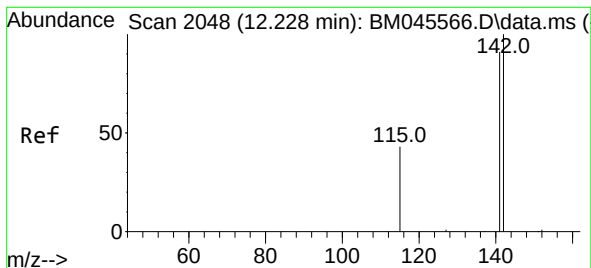
Delta R.T. -0.016 min

Lab File: BM045569.D

Acq: 25 Apr 2024 19:05

Tgt Ion:	142	Resp:	1754
Ion Ratio	Lower	Upper	
142	100		
141	97.2	74.6	111.8





#8

1-Methylnaphthalene

Concen: 0.287 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045569.D

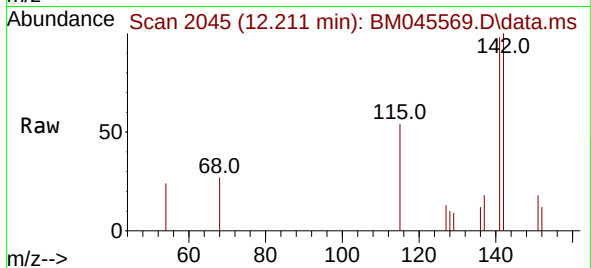
Acq: 25 Apr 2024 19:05

Instrument :

BNA_M

ClientSampleId :

E1CY4



Tgt Ion:142 Resp: 113

Ion Ratio Lower Upper

142 100

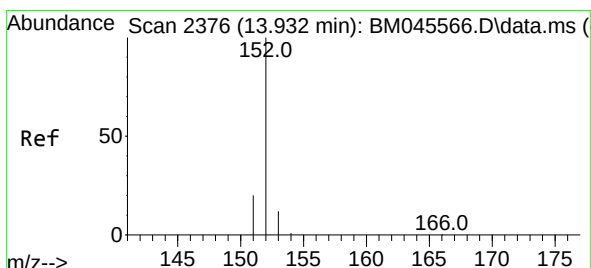
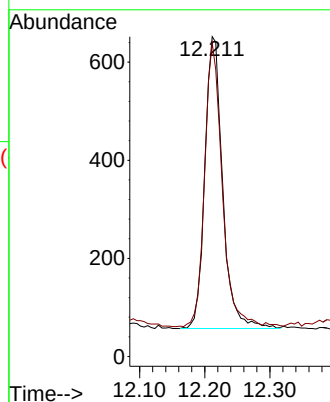
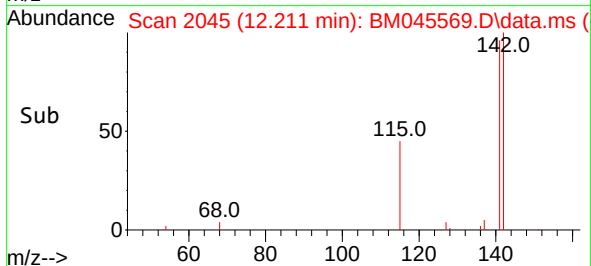
141 95.2 76.1 114.1

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#10

Acenaphthylene

Concen: 0.188 ng/ul

RT: 13.918 min Scan# 2373

Delta R.T. -0.009 min

Lab File: BM045569.D

Acq: 25 Apr 2024 19:05

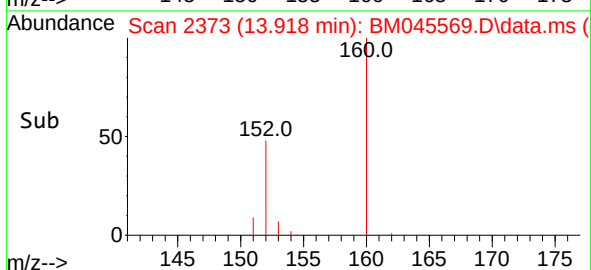
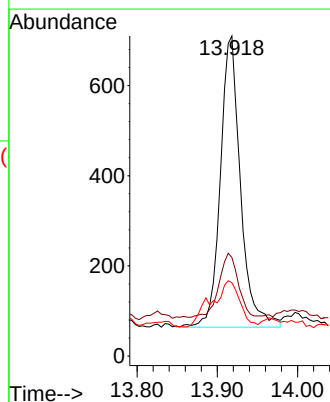
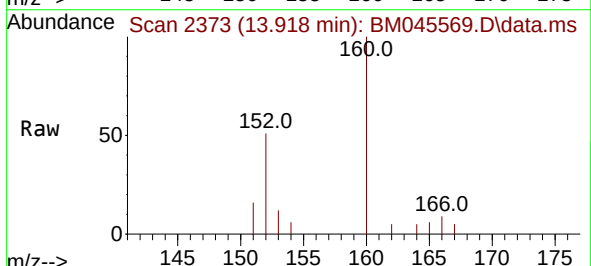
Tgt Ion:152 Resp: 1131

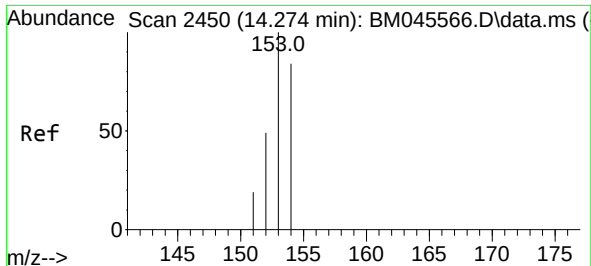
Ion Ratio Lower Upper

152 100

151 30.8 18.6 28.0#

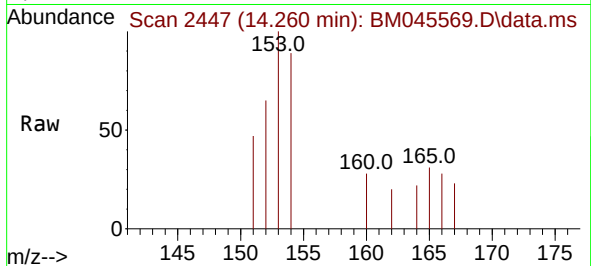
153 23.0 14.1 21.1#





#11
Acenaphthene
Concen: 0.079 ng/u1
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

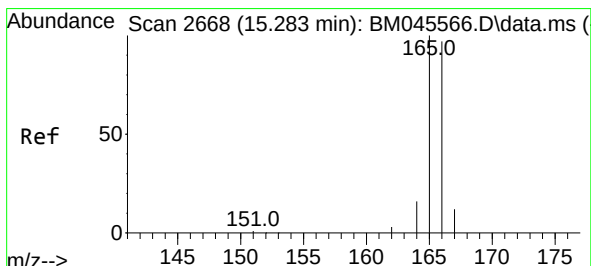
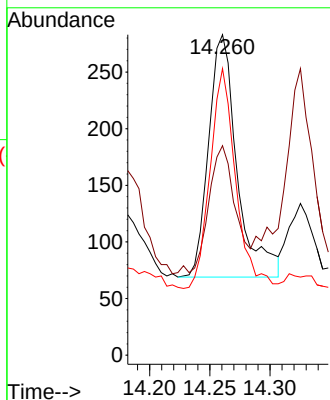
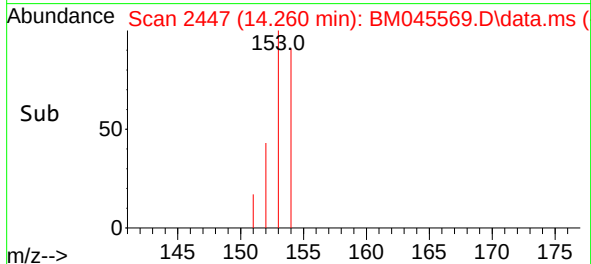
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:153 Resp: 353
Ion Ratio Lower Upper
153 100
152 65.4 43.4 65.2
154 89.4 69.0 103.6

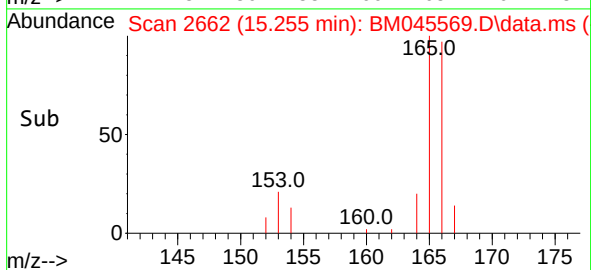
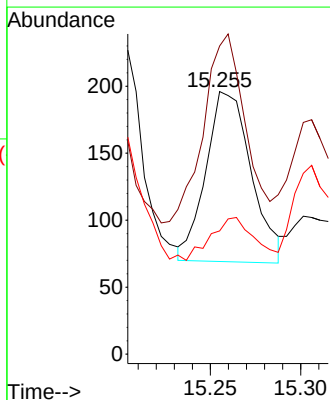
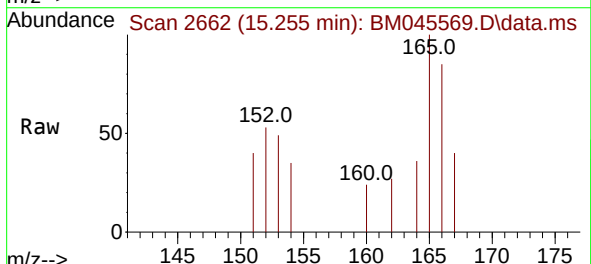
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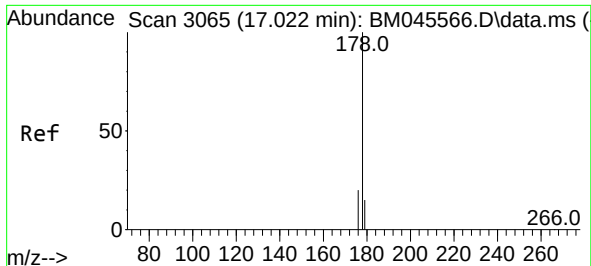
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.046 ng/u1
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

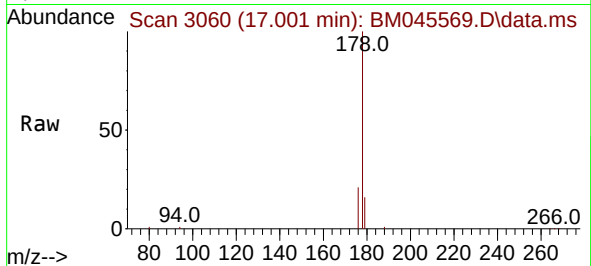
Tgt Ion:166 Resp: 222
Ion Ratio Lower Upper
166 100
165 117.3 82.2 123.2
167 46.9 14.8 22.2#





#15
Phenanthrene
Concen: 2.412 ng/ul
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

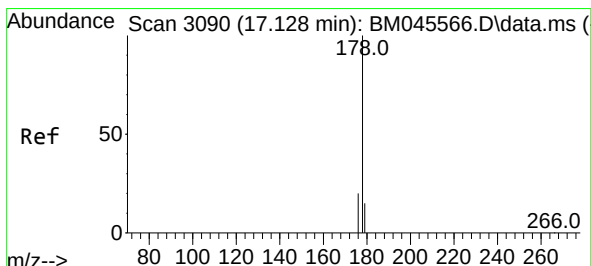
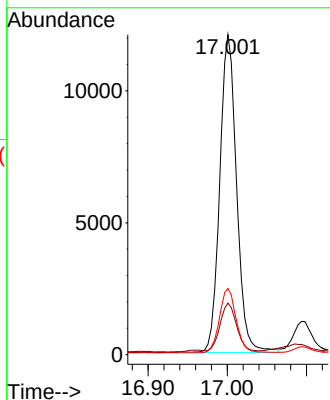
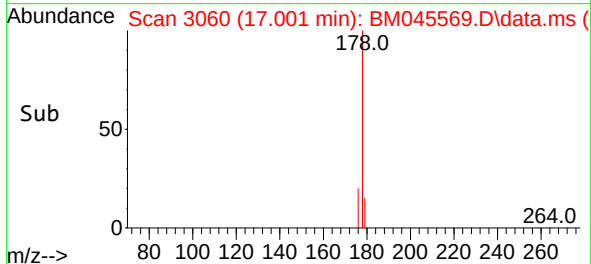
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:178 Resp: 1785
Ion Ratio Lower Upper
178 100
179 16.1 15.4 23.2
176 20.7 19.0 28.4

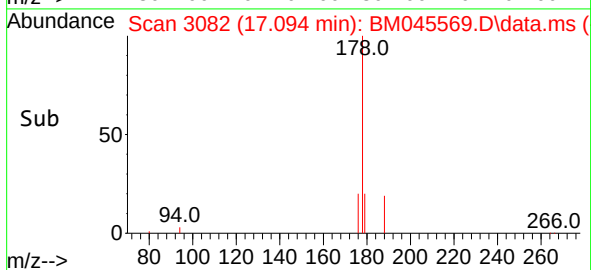
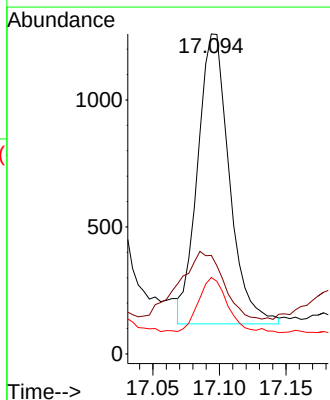
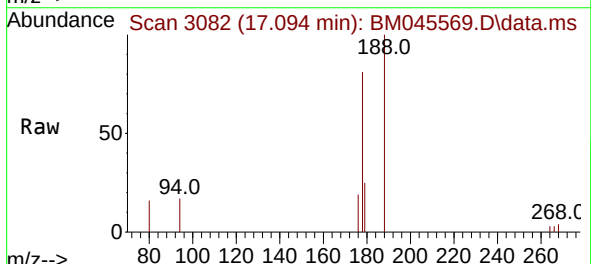
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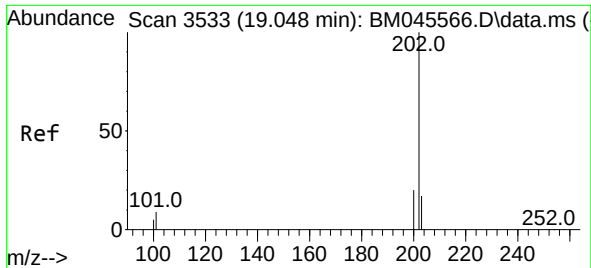
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.274 ng/ul m
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

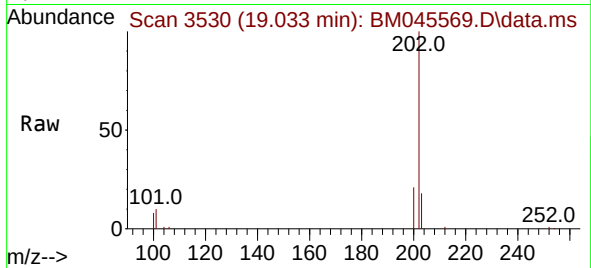
Tgt Ion:178 Resp: 1896
Ion Ratio Lower Upper
178 100
179 30.8 17.8 26.6#
176 23.9 18.7 28.1





#19
Fluoranthene
Concen: 2.067 ng/ul
RT: 19.033 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

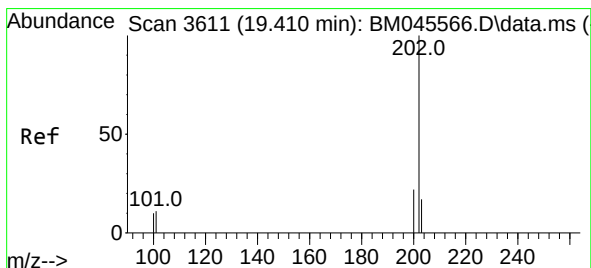
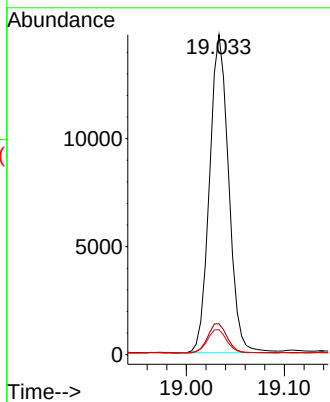
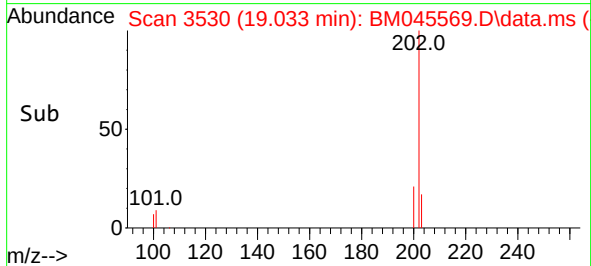
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:202 Resp: 19990
Ion Ratio Lower Upper
202 100
101 9.6 11.2 16.8
100 7.8 9.1 13.7

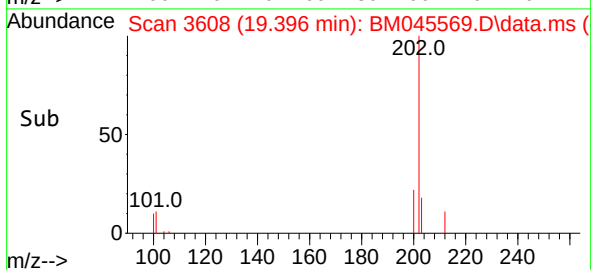
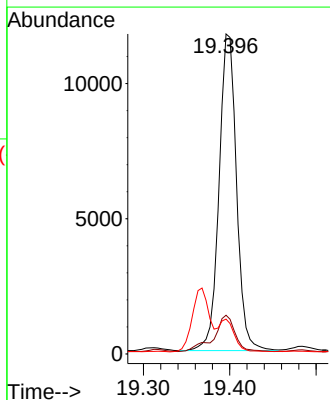
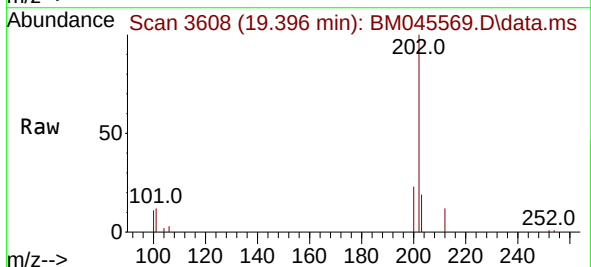
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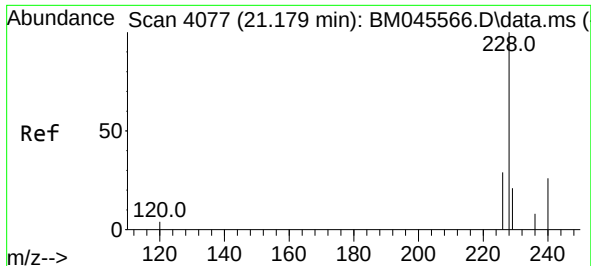
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 1.662 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.019 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

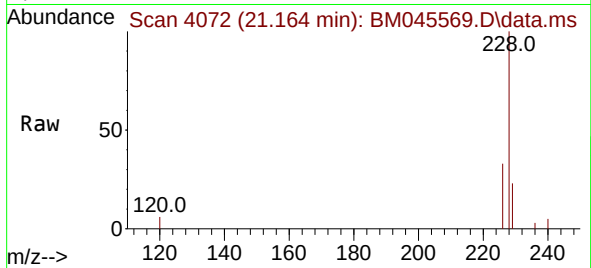
Tgt Ion:202 Resp: 16522
Ion Ratio Lower Upper
202 100
101 12.1 11.5 17.3
100 10.9 10.6 15.8





#21
Benzo(a)anthracene
Concen: 1.436 ng/ul
RT: 21.164 min Scan# 4072
Delta R.T. -0.018 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

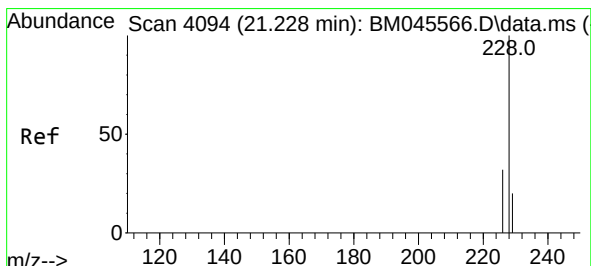
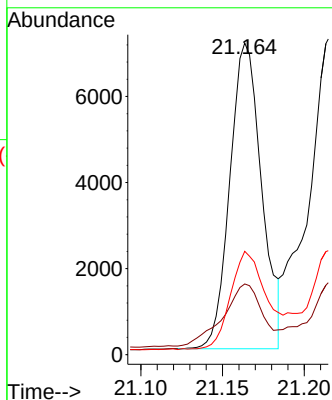
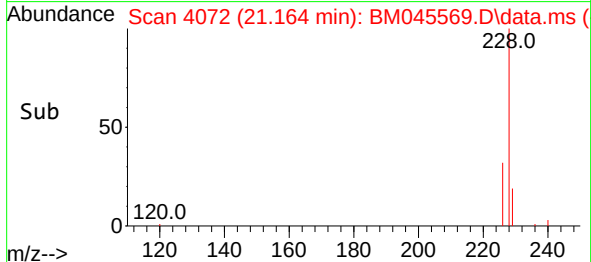
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:228 Resp: 962
Ion Ratio Lower Upper
228 100
229 22.7 19.4 29.2
226 33.2 26.3 39.5

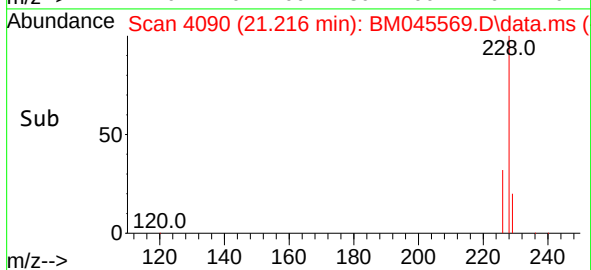
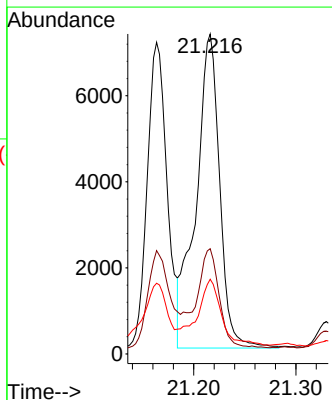
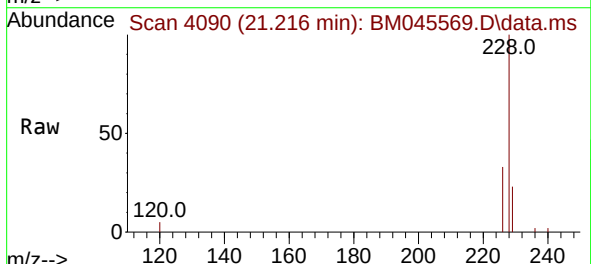
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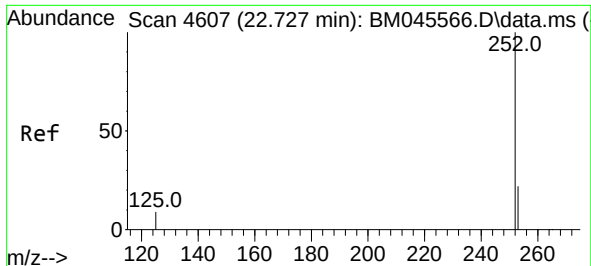
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 1.145 ng/ul m
RT: 21.216 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

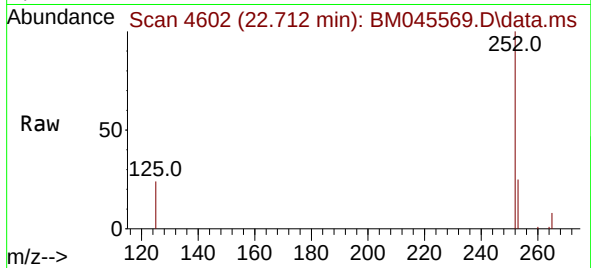
Tgt Ion:228 Resp: 11793
Ion Ratio Lower Upper
228 100
226 32.9 26.3 39.5
229 23.4 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 1.999 ng/ul m
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

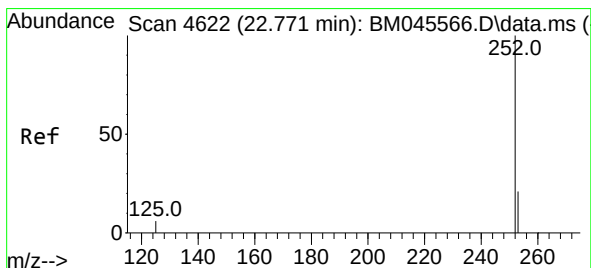
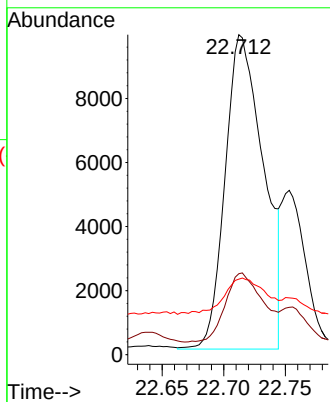
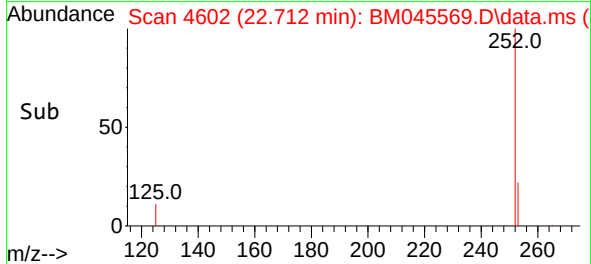
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:252 Resp: 2131
Ion Ratio Lower Upper
252 100
253 25.3 0.0 63.4
125 23.6 0.0 36.8

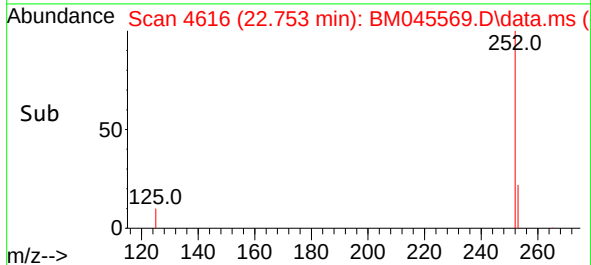
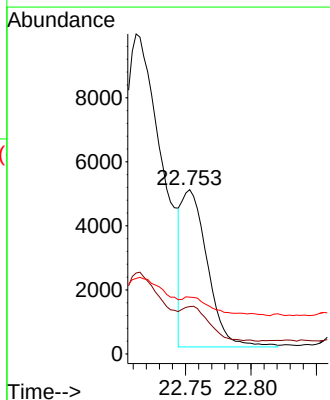
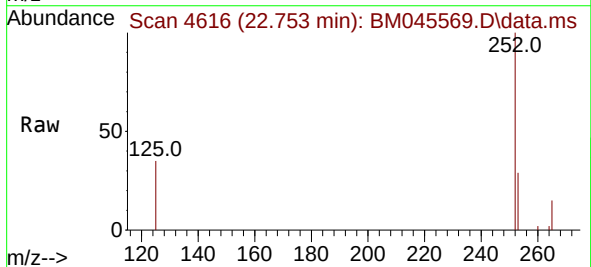
Manual Integrations
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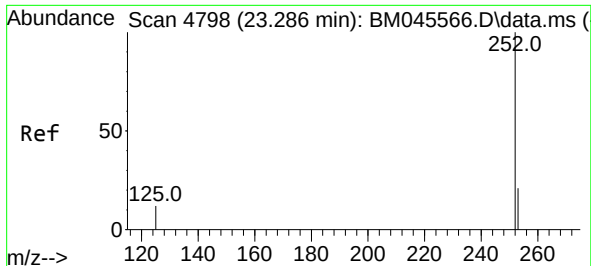
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.503 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

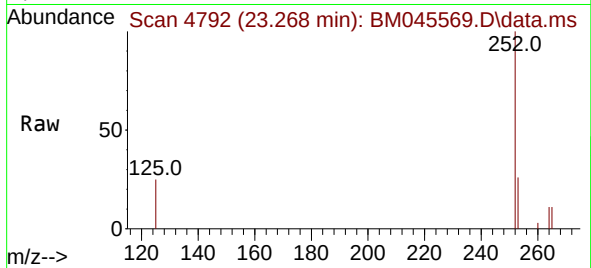
Tgt Ion:252 Resp: 6774
Ion Ratio Lower Upper
252 100
253 28.8 25.4 38.0
125 34.6 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.357 ng/ul
RT: 23.268 min Scan# 4792
Delta R.T. -0.024 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

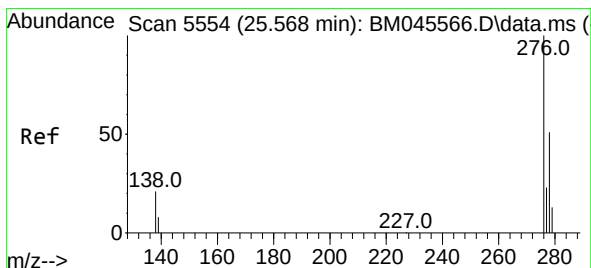
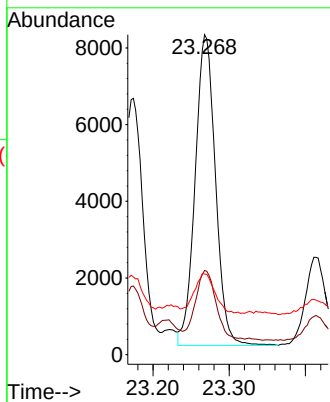
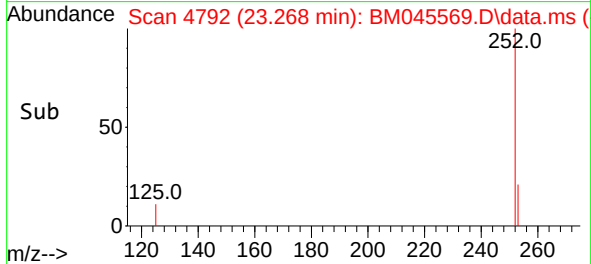
Instrument :
BNA_M
ClientSampleId :
E1CY4



Tgt Ion:252 Resp: 1501
Ion Ratio Lower Upper
252 100
253 26.3 31.6 47.4
125 25.2 19.5 29.3

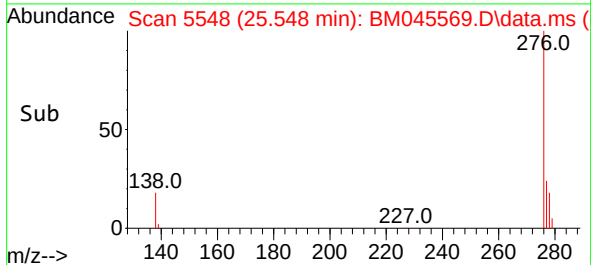
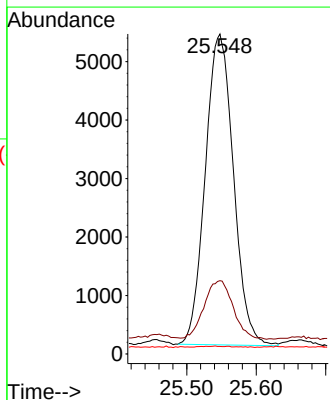
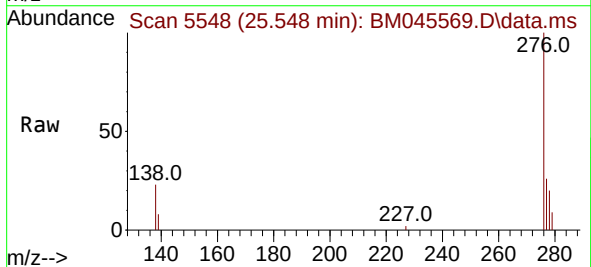
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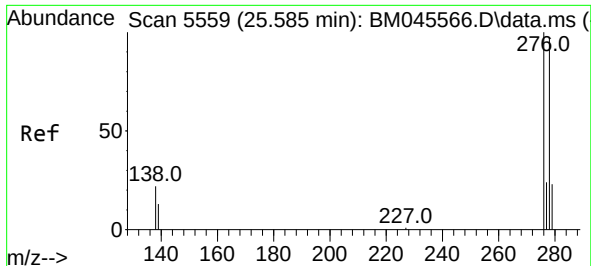
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.932 ng/ul
RT: 25.548 min Scan# 5548
Delta R.T. -0.024 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

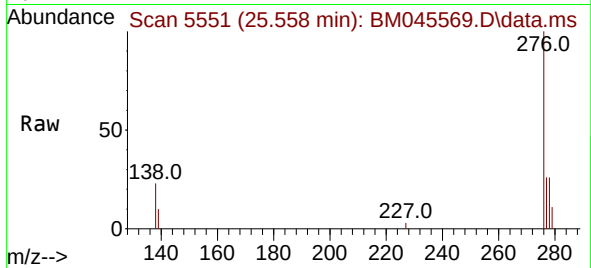
Tgt Ion:276 Resp: 14985
Ion Ratio Lower Upper
276 100
138 19.4 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 25.558 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05

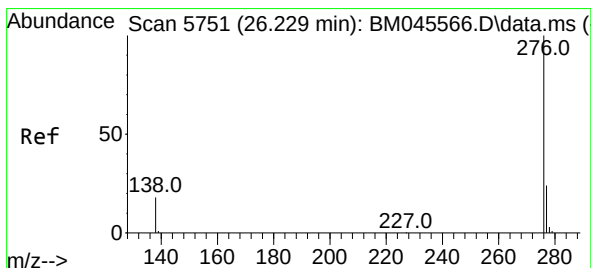
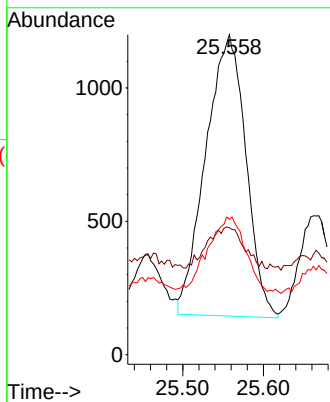
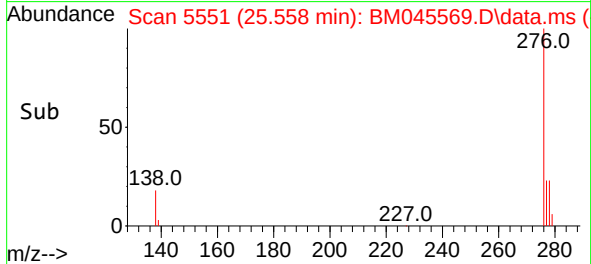
Instrument :
BNA_M
ClientSampleId :
E1CY4



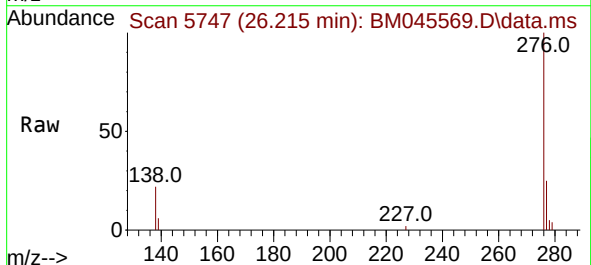
Tgt Ion:278 Resp: 3634
Ion Ratio Lower Upper
278 100
139 39.7 19.0 28.6
279 42.3 29.4 44.2

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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 1.121 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. -0.020 min
Lab File: BM045569.D
Acq: 25 Apr 2024 19:05



Tgt Ion:276 Resp: 16185
Ion Ratio Lower Upper
276 100
138 21.8 20.8 31.2
277 25.1 21.8 32.8

