

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045934.D
 Acq On : 09 Jun 2024 02:34
 Operator : MA/JU
 Sample : P2640-12DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C26DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:31:25 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	7.464	152	6350	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	20048	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10461	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	19985	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	16100	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	18344m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4920	0.680	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.854	152	1166	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	2220	0.046	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.286	128	2498	0.048	ng/ul#	89
7) 2-Methylnaphthalene	11.925	142	903	0.027	ng/ul	99
8) 1-Methylnaphthalene	12.145	142	813	0.022	ng/ul	96
10) Acenaphthylene	13.825	152	6117	0.129	ng/ul	97
11) Acenaphthene	14.172	153	3537	0.101	ng/ul	97
12) Fluorene	15.162	166	4633	0.119	ng/ul	98
15) Phenanthrene	16.891	178	111737	1.991	ng/ul	99
16) Anthracene	16.984	178	18591	0.388	ng/ul	97
19) Fluoranthene	18.913	202	249941	3.893	ng/ul	97
20) Pyrene	19.275	202	179621	2.682	ng/ul	96
21) Benzo(a)anthracene	21.026	228	98213	1.662	ng/ul	98
22) Chrysene	21.076	228	114654	1.782	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	165732m	2.724	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	52050m	0.778	ng/ul	
26) Benzo(a)pyrene	23.054	252	65808	1.088	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.209	276	65463	0.837	ng/ul	91
28) Dibenzo(a,h)anthracene	25.212	278	18704	0.299	ng/ul	97
29) Benzo(g,h,i)perylene	25.836	276	10471	0.155	ng/ul#	89

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

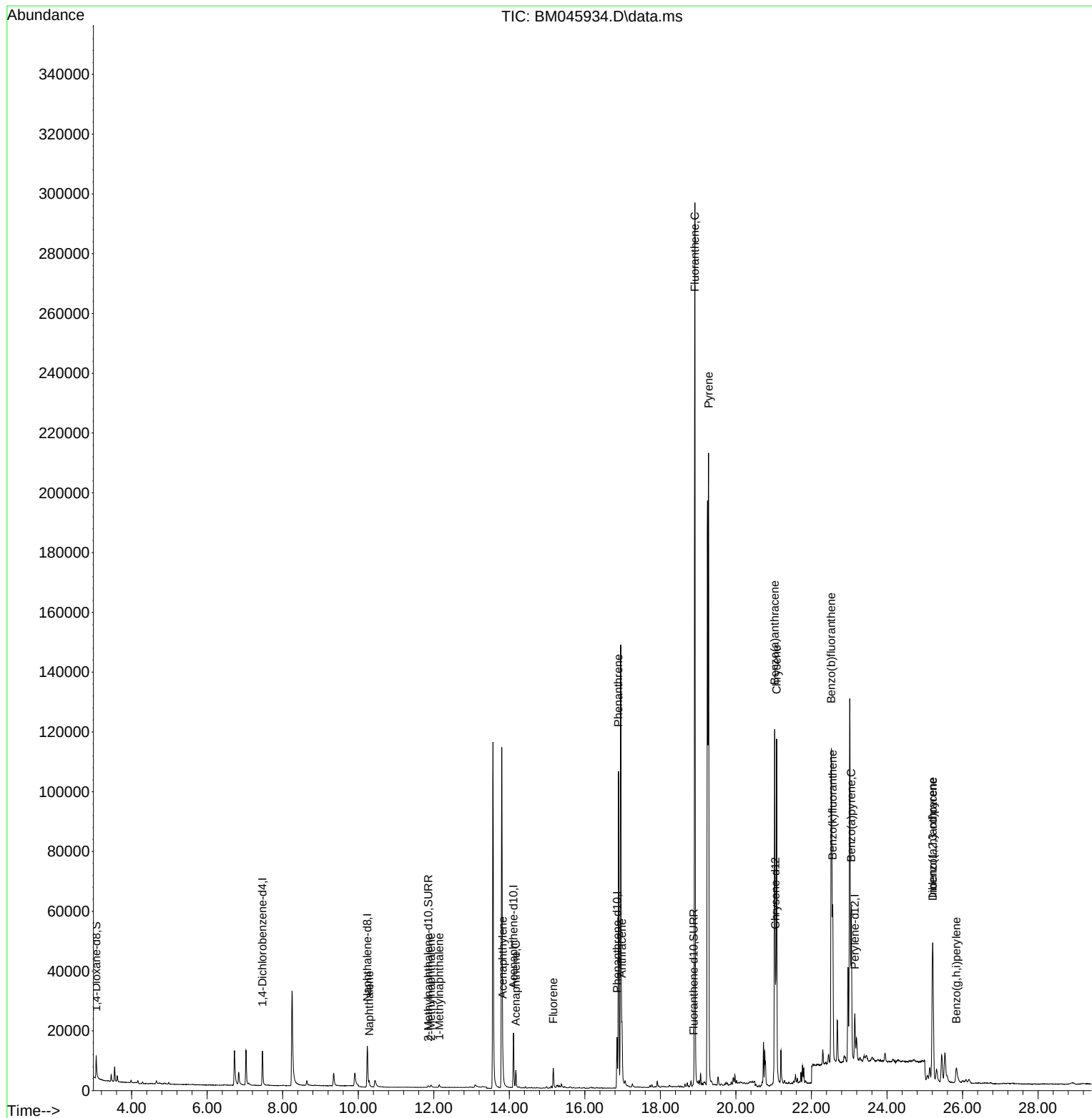
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045934.D
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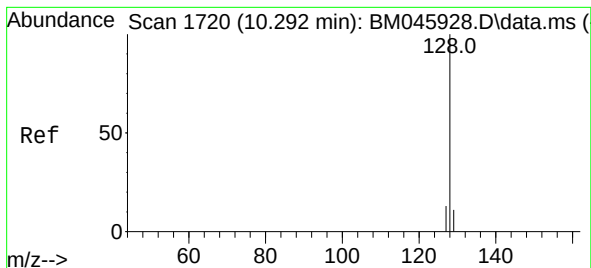
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#5

Naphthalene

Concen: 0.048 ng/ul

RT: 10.286 min Scan# 1719

Delta R.T. -0.017 min

Lab File: BM045934.D

Acq: 09 Jun 2024 02:34

Instrument :

BNA_M

ClientSampleId :

A4C26DL

Tgt Ion:128 Resp: 2498

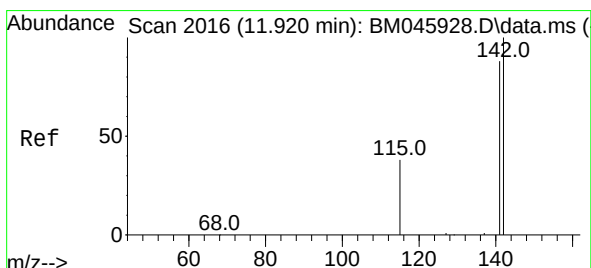
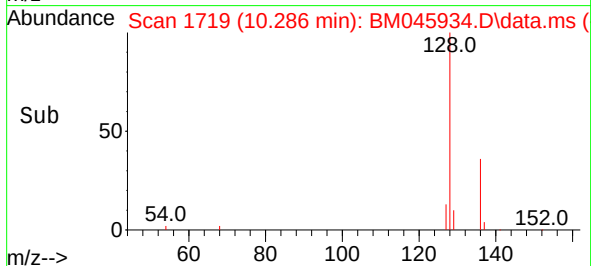
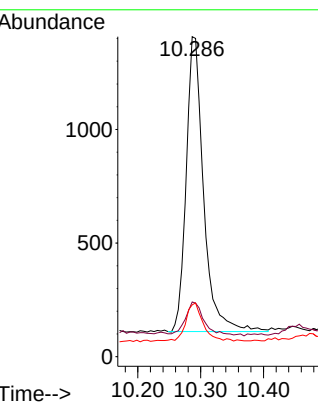
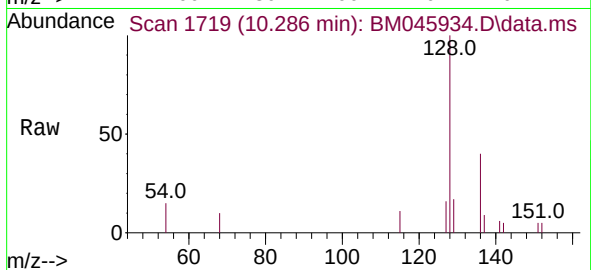
Ion	Ratio	Lower	Upper
128	100		
129	17.1	9.4	14.0
127	16.2	10.6	15.8

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#7

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 11.925 min Scan# 2017

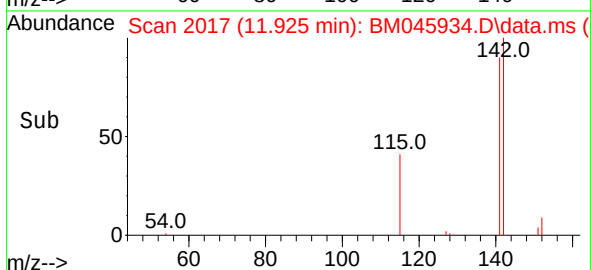
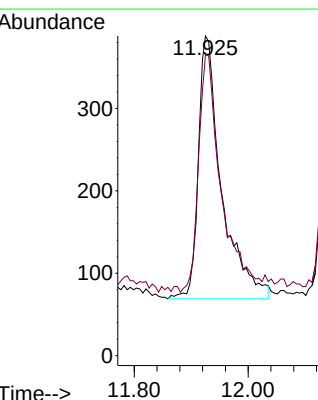
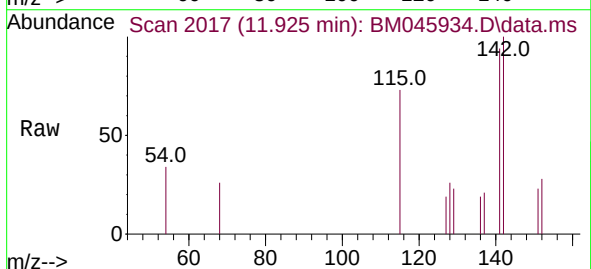
Delta R.T. 0.005 min

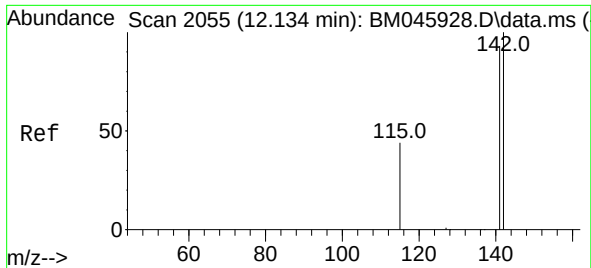
Lab File: BM045934.D

Acq: 09 Jun 2024 02:34

Tgt Ion:142 Resp: 903

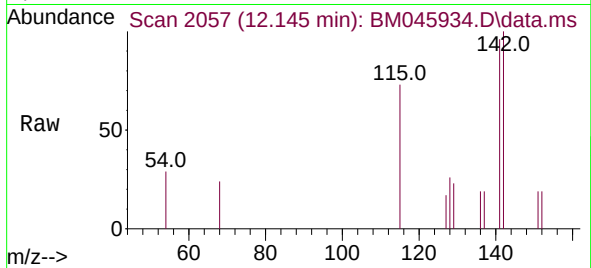
Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.4





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.145 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

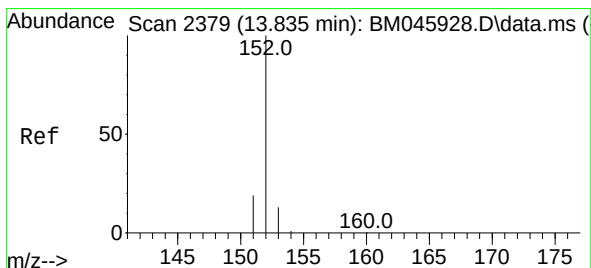
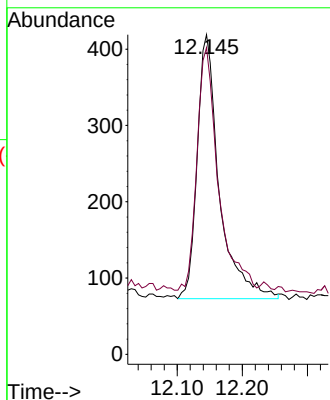
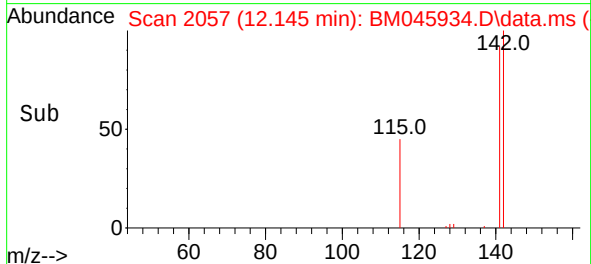
Instrument :
BNA_M
ClientSampleId :
A4C26DL



Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
141 88.4 73.5 110.3

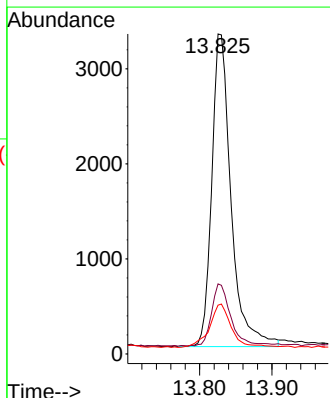
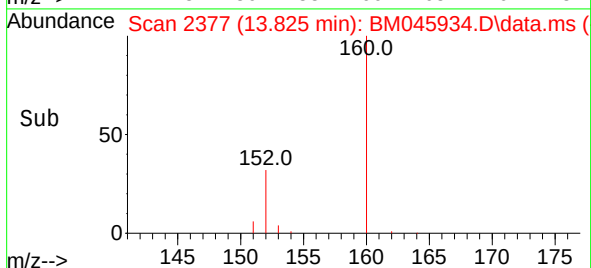
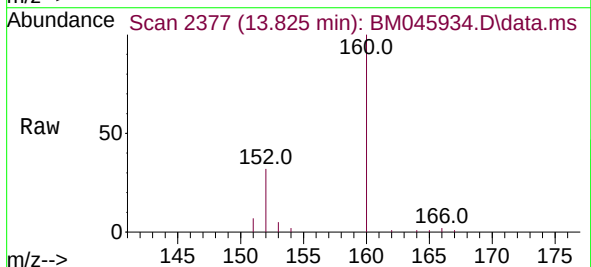
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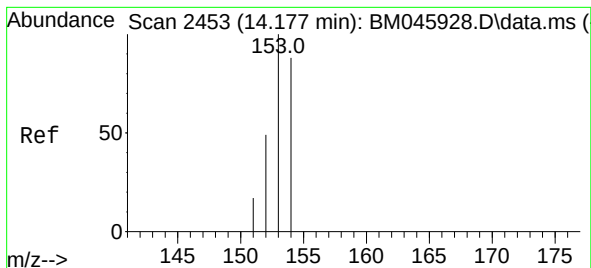
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.014 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

Tgt Ion:152 Resp: 6117
Ion Ratio Lower Upper
152 100
151 21.9 16.4 24.6
153 15.2 11.1 16.7





#11

Acenaphthene

Concen: 0.101 ng/ul

RT: 14.172 min Scan# 2453

Delta R.T. -0.009 min

Lab File: BM045934.D

Acq: 09 Jun 2024 02:34

Instrument :

BNA_M

ClientSampleId :

A4C26DL

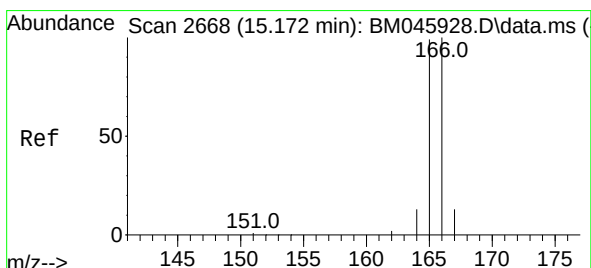
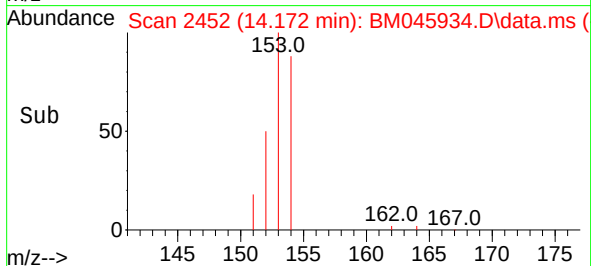
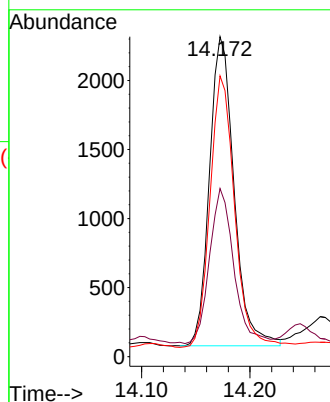
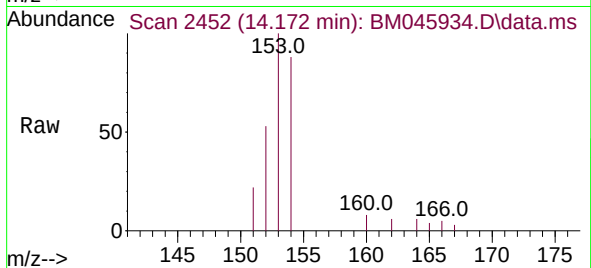
Tgt Ion:153	Resp:	353
Ion Ratio	Lower	Upper
153	100	
152	52.5	39.0 58.4
154	87.7	69.4 104.2

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Supervised By :mohammad ahmed 06/13/2024



#12

Fluorene

Concen: 0.119 ng/ul

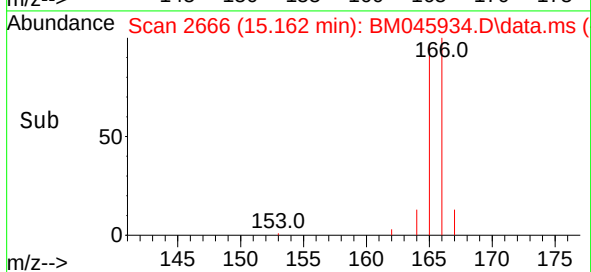
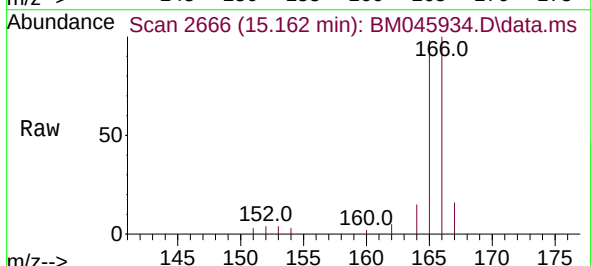
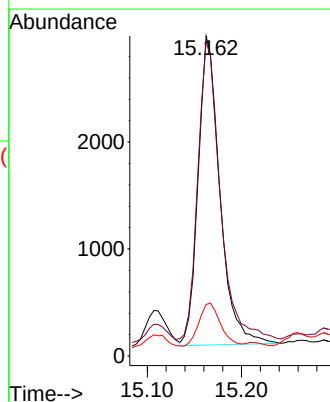
RT: 15.162 min Scan# 2666

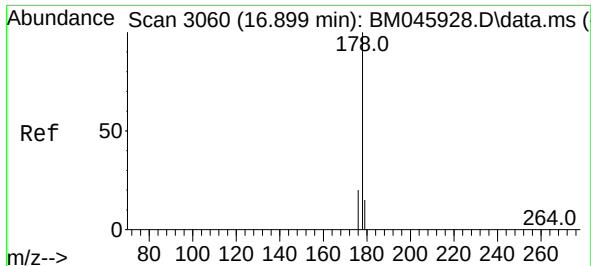
Delta R.T. -0.014 min

Lab File: BM045934.D

Acq: 09 Jun 2024 02:34

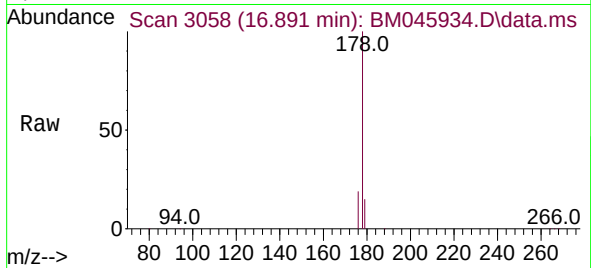
Tgt Ion:166	Resp:	4633
Ion Ratio	Lower	Upper
166	100	
165	98.2	79.7 119.5
167	16.1	11.3 16.9





#15
Phenanthrene
Concen: 1.991 ng/ul
RT: 16.891 min Scan# 3060
Delta R.T. -0.013 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

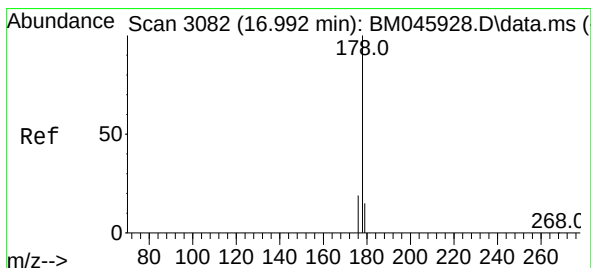
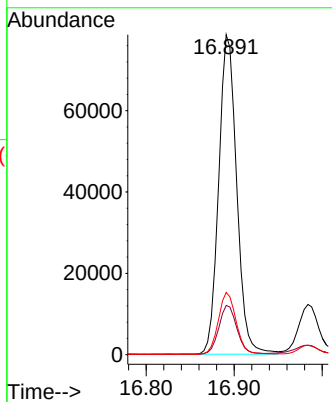
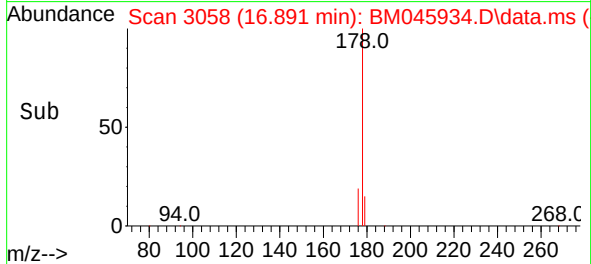
Instrument :
BNA_M
ClientSampleId :
A4C26DL



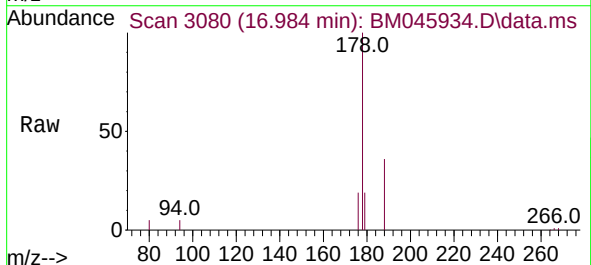
Tgt Ion:178 Resp: 11173
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.5 15.6 23.4

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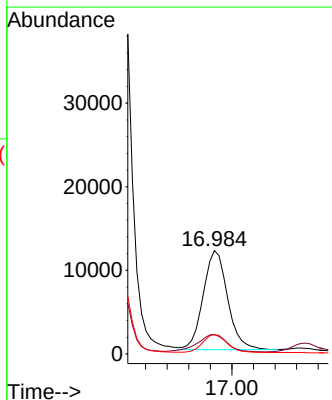
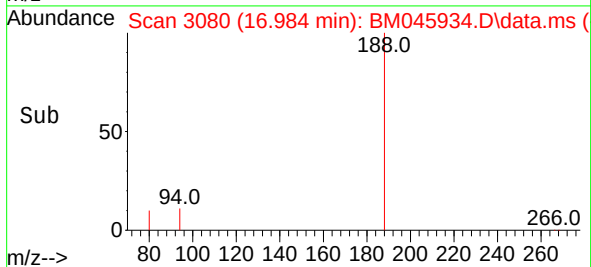
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

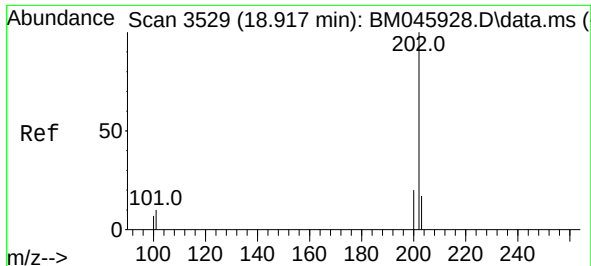


#16
Anthracene
Concen: 0.388 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34



Tgt Ion:178 Resp: 18591
Ion Ratio Lower Upper
178 100
179 18.7 13.1 19.7
176 18.8 15.5 23.3





#19

Fluoranthene

Concen: 3.893 ng/ul

RT: 18.913 min Scan# 3529

Delta R.T. -0.009 min

Lab File: BM045934.D

Acq: 09 Jun 2024 02:34

Instrument :

BNA_M

ClientSampleId :

A4C26DL

Tgt Ion:202 Resp: 24994

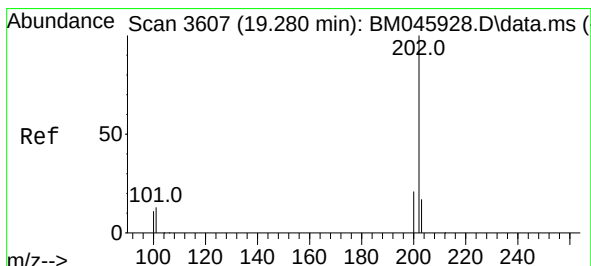
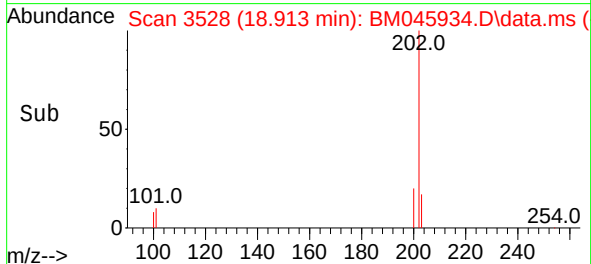
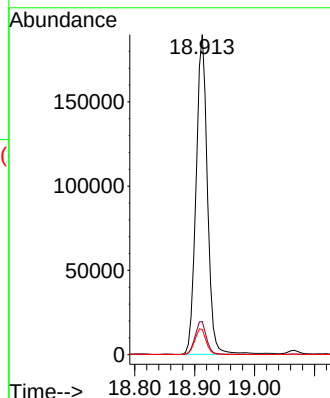
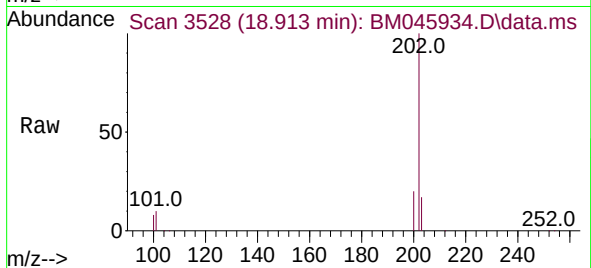
Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.0	13.6
100	7.9	7.0	10.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#20

Pyrene

Concen: 2.682 ng/ul

RT: 19.275 min Scan# 3606

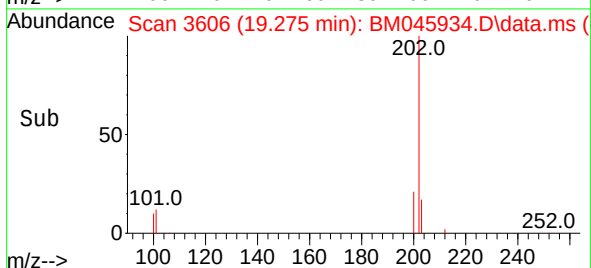
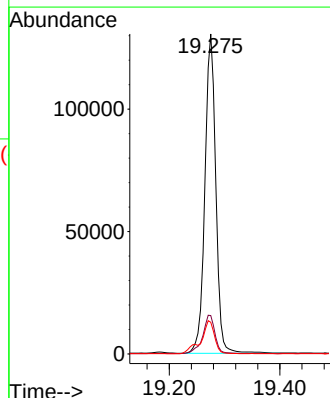
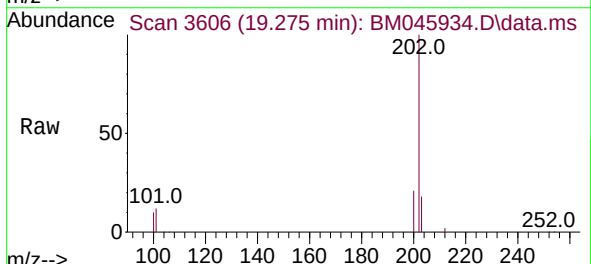
Delta R.T. -0.009 min

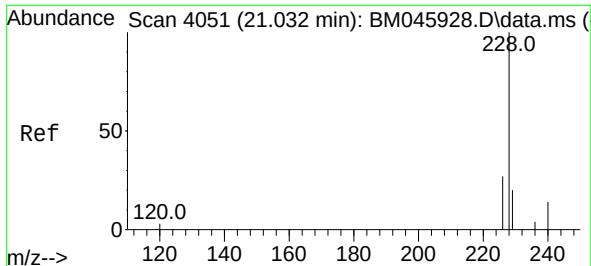
Lab File: BM045934.D

Acq: 09 Jun 2024 02:34

Tgt Ion:202 Resp: 179621

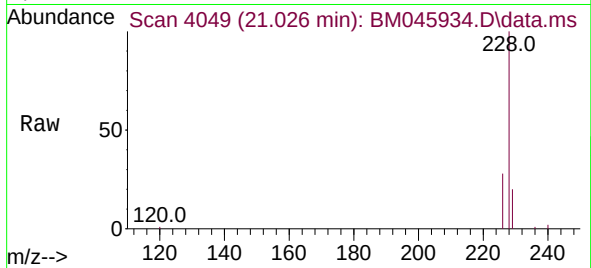
Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	16.0
100	9.9	9.1	13.7





#21
Benzo(a)anthracene
Concen: 1.662 ng/ul
RT: 21.026 min Scan# 4051
Delta R.T. -0.009 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

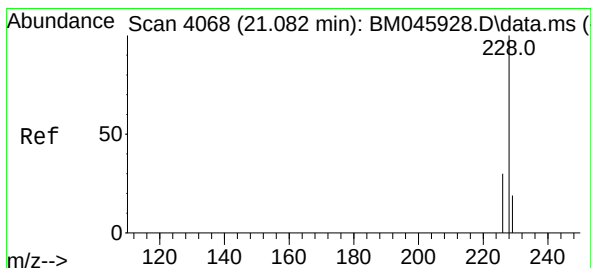
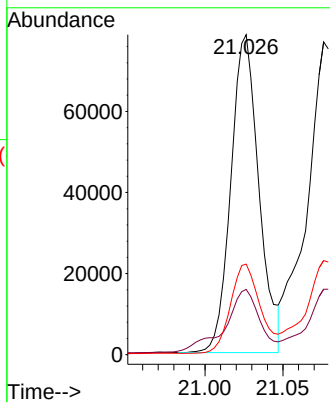
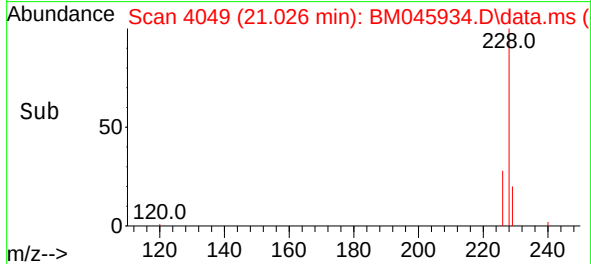
Instrument :
BNA_M
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A4C26DL



Tgt Ion:228 Resp: 98213
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.3 22.0 33.0

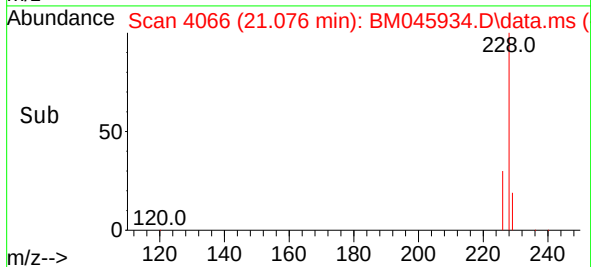
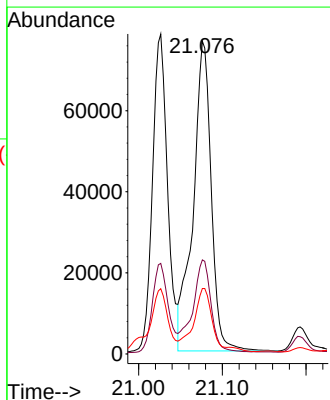
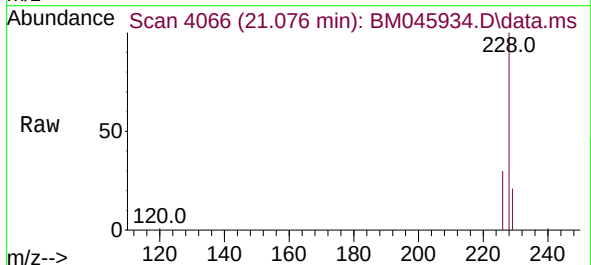
Manual Integrations
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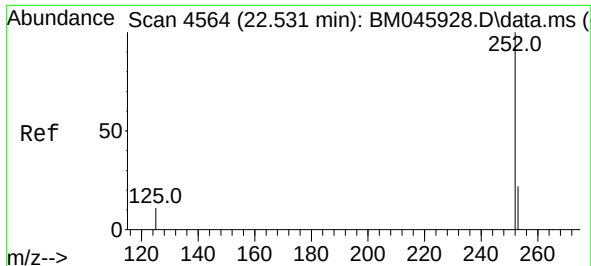
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 1.782 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

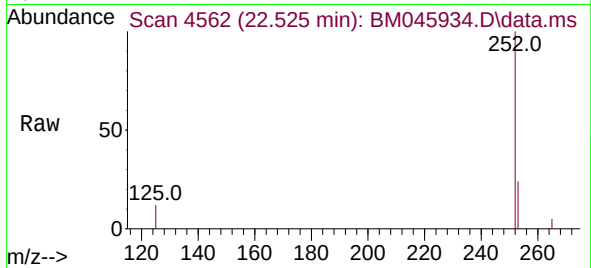
Tgt Ion:228 Resp: 114654
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 2.724 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

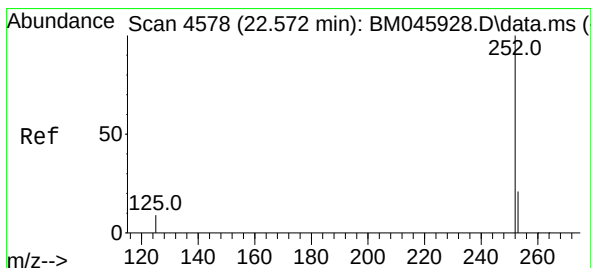
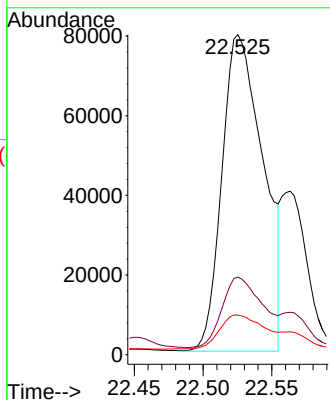
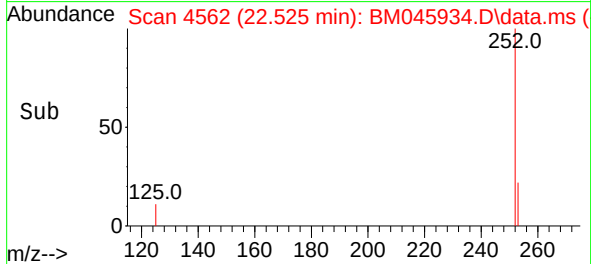
Instrument :
BNA_M
ClientSampleId :
A4C26DL



Tgt Ion:252 Resp: 16573
Ion Ratio Lower Upper
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253 24.3 0.0 63.6
125 12.3 0.0 35.8

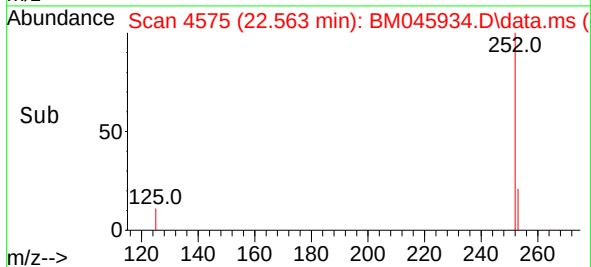
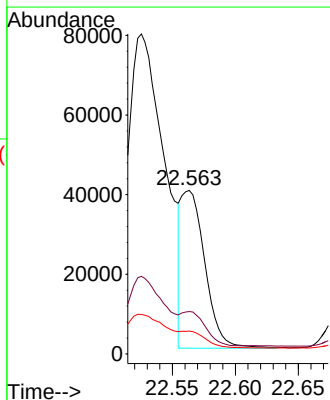
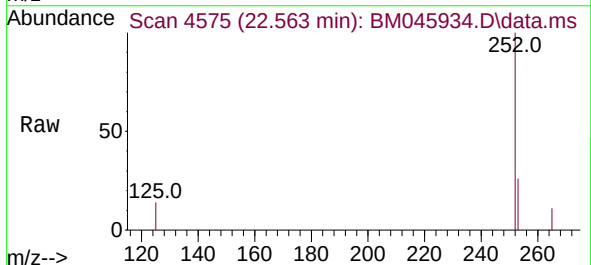
Manual Integrations
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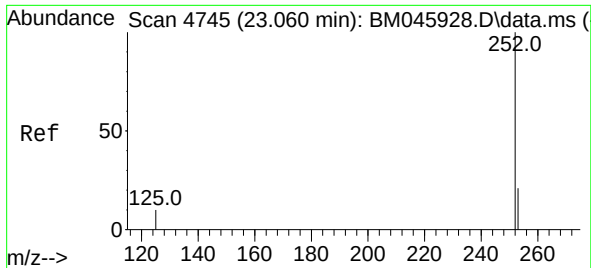
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.778 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

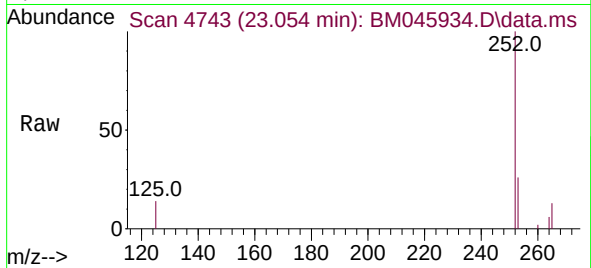
Tgt Ion:252 Resp: 52050
Ion Ratio Lower Upper
252 100
253 25.9 25.0 37.6
125 14.0 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 1.088 ng/ul
RT: 23.054 min Scan# 4743
Delta R.T. -0.018 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

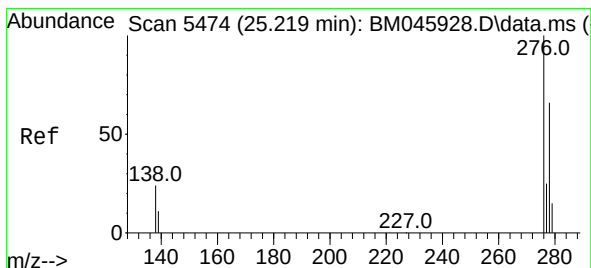
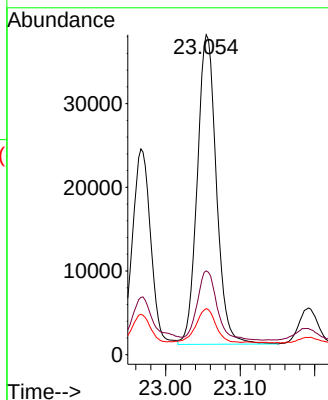
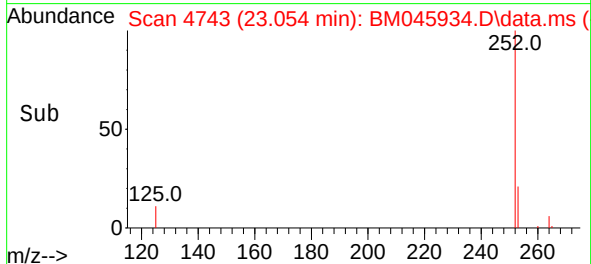
Instrument :
BNA_M
ClientSampleId :
A4C26DL



Tgt Ion:252 Resp: 65808
Ion Ratio Lower Upper
252 100
253 26.2 28.8 43.2
125 14.4 17.3 25.9

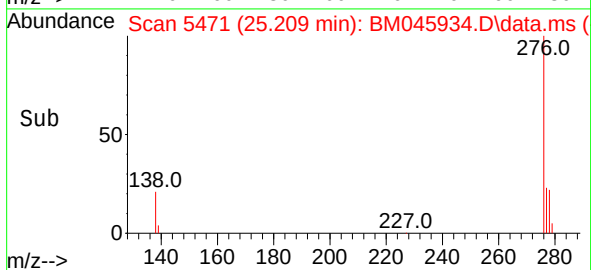
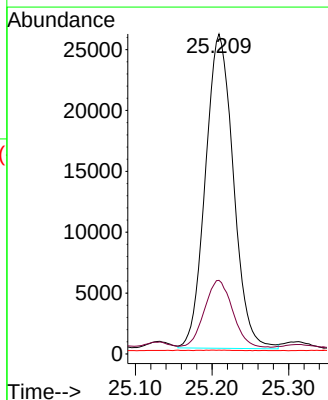
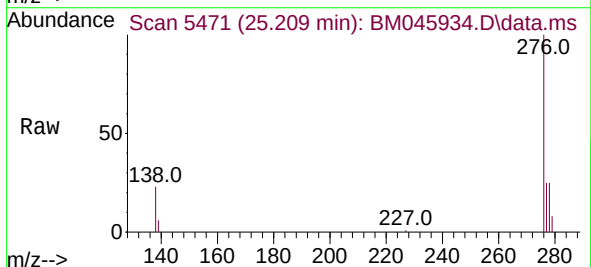
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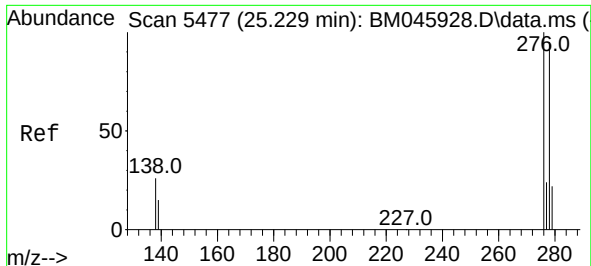
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.837 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

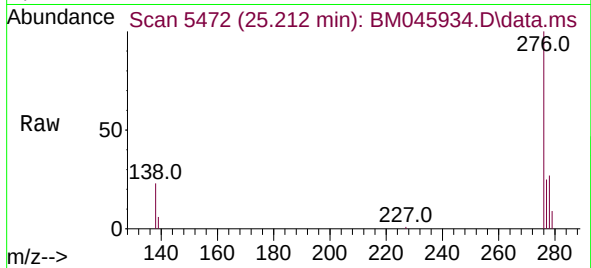
Tgt Ion:276 Resp: 65463
Ion Ratio Lower Upper
276 100
138 21.3 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.036 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

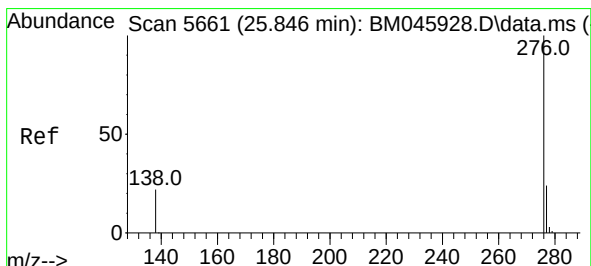
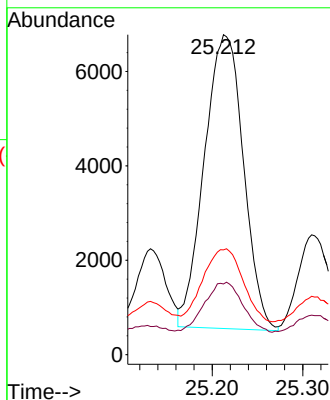
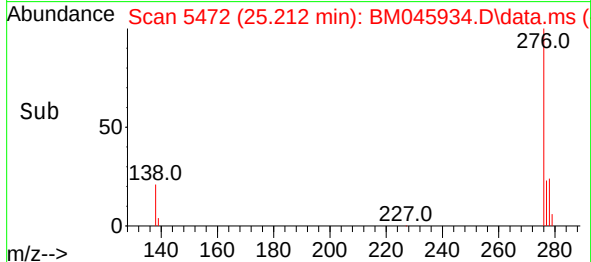
Instrument :
BNA_M
ClientSampleId :
A4C26DL



Tgt Ion:278 Resp: 18704
Ion Ratio Lower Upper
278 100
139 22.1 16.6 25.0
279 32.7 24.6 37.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.155 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.026 min
Lab File: BM045934.D
Acq: 09 Jun 2024 02:34

Tgt Ion:276 Resp: 10471
Ion Ratio Lower Upper
276 100
138 32.8 21.0 31.4#
277 30.2 20.5 30.7

