

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046249.D
 Acq On : 24 Jun 2024 12:37
 Operator : MA/JU
 Sample : P2775-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 24 13:21:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2121	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.198	136	6528	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.061	164	3775	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.802	188	7922	0.400	ng/ul	-0.06
17) Chrysene-d12	21.000	240	6719	0.400	ng/ul	#-0.04
23) Perylene-d12	23.092	264	8831m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	908	0.312	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.798	152	2181	0.249	ng/ul	-0.07
18) Fluoranthene-d10	18.829	212	5955	0.296	ng/ul	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.058	88	2455	0.752	ng/ul#	82
5) Naphthalene	10.242	128	8314	0.457	ng/ul	98
7) 2-Methylnaphthalene	11.870	142	4062	0.396	ng/ul	98
8) 1-Methylnaphthalene	12.079	142	3830	0.341	ng/ul	100
10) Acenaphthylene	13.784	152	14900	0.832	ng/ul	98
11) Acenaphthene	14.121	153	9190	0.711	ng/ul	100
12) Fluorene	15.121	166	10847	0.782	ng/ul	99
14) Pentachlorophenol	16.485	266	1271	0.535	ng/ul	96
15) Phenanthrene	16.844	178	179827	8.080	ng/ul	95
16) Anthracene	16.937	178	38330	2.312	ng/ul	97
19) Fluoranthene	18.861	202	444941	15.294	ng/ul	96
20) Pyrene	19.224	202	321382	10.215	ng/ul	96
21) Benzo(a)anthracene	20.982	228	192169	7.404	ng/ul	99
22) Chrysene	21.035	228	220894	6.669	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252	293382m	9.221	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	111191m	2.940	ng/ul	
26) Benzo(a)pyrene	22.999	252	134311m	4.556	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.125	276	129111	2.676	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.135	278	43002	1.197	ng/ul	91
29) Benzo(g,h,i)perylene	25.749	276	64017	1.547	ng/ul	95

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

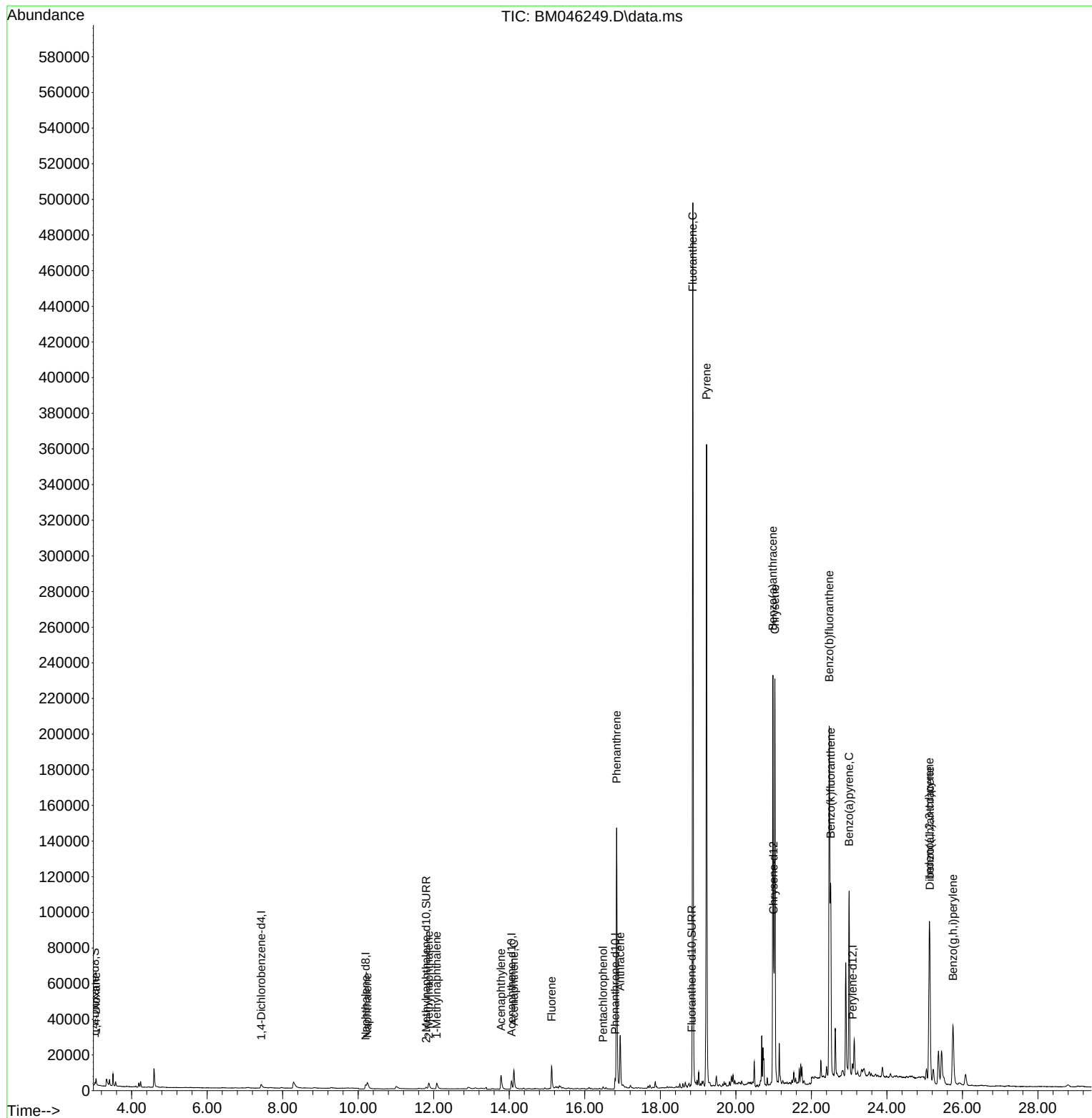
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046249.D
Acq On : 24 Jun 2024 12:37
Operator : MA/JU
Sample : P2775-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

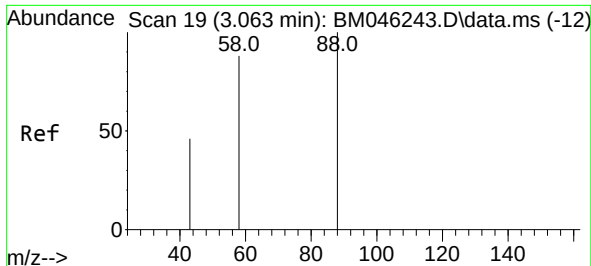
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Supervised By :mohammad ahmed 06/27/2024

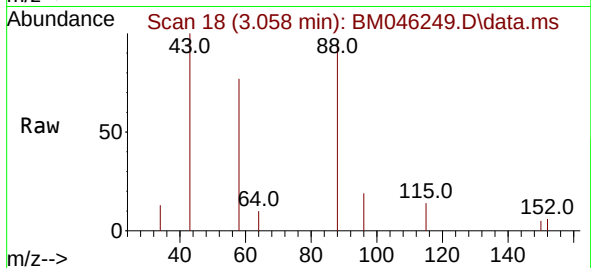
Quant Time: Jun 24 13:21:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.752 ng/ul
RT: 3.058 min Scan# 1710
Delta R.T. -0.017 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

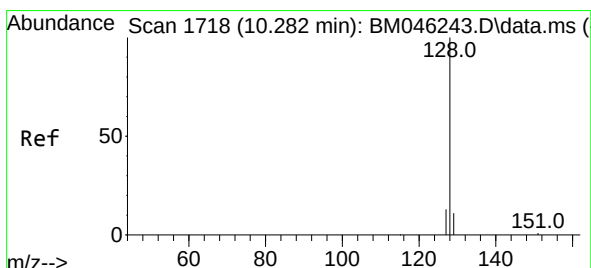
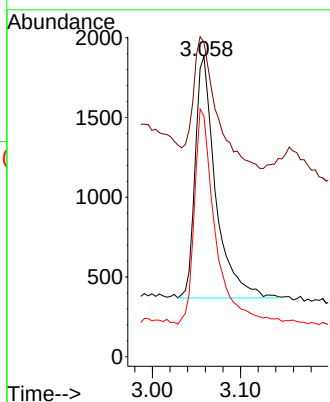
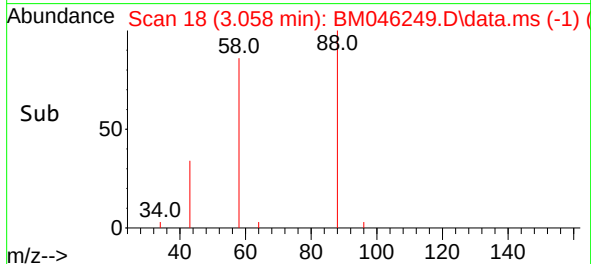
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



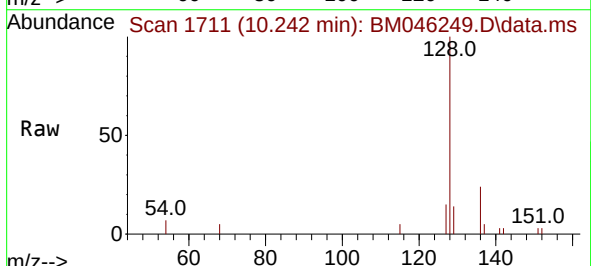
Tgt Ion: 88 Resp: 245
Ion Ratio Lower Upper
88 100
43 104.7 69.8 104.8
58 80.1 53.2 79.8

Manual Integrations
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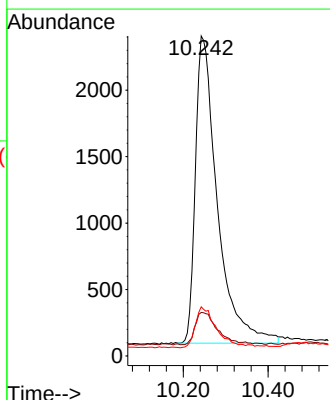
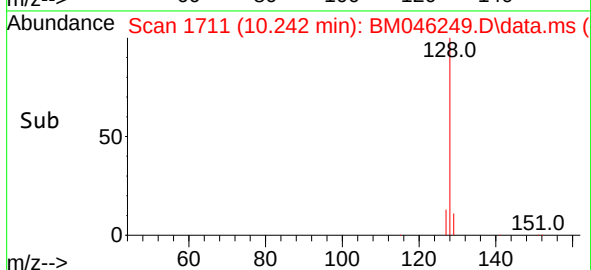
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

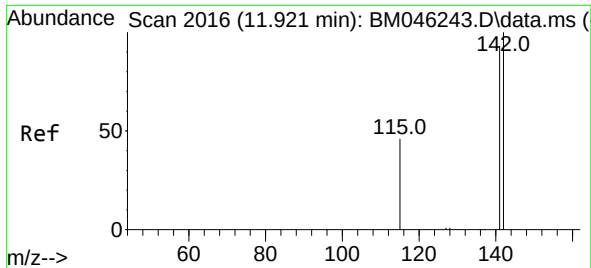


#5
Naphthalene
Concen: 0.457 ng/ul
RT: 10.242 min Scan# 1711
Delta R.T. -0.061 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37



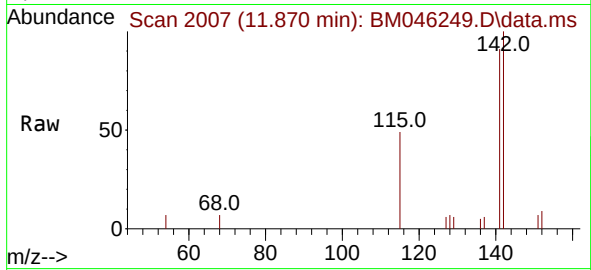
Tgt Ion:128 Resp: 8314
Ion Ratio Lower Upper
128 100
129 13.6 11.8 17.6
127 15.4 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 11.870 min Scan# 2016
Delta R.T. -0.077 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

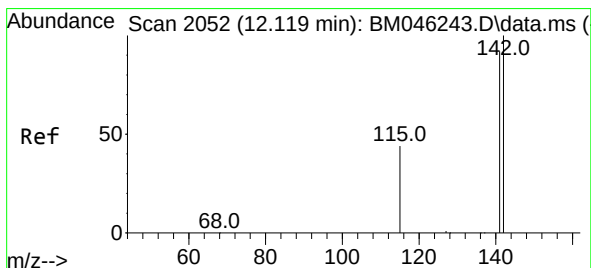
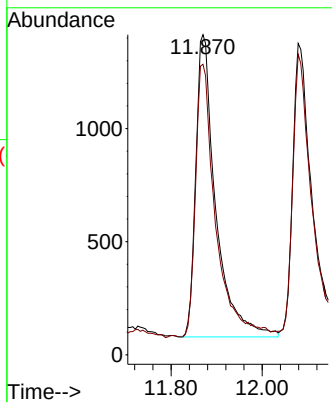
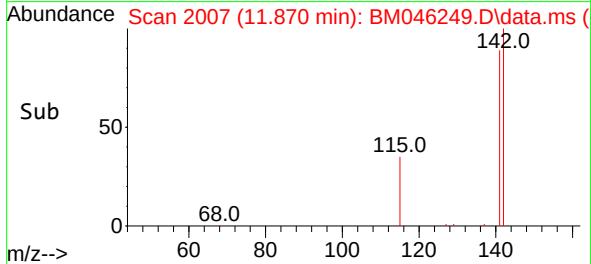
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



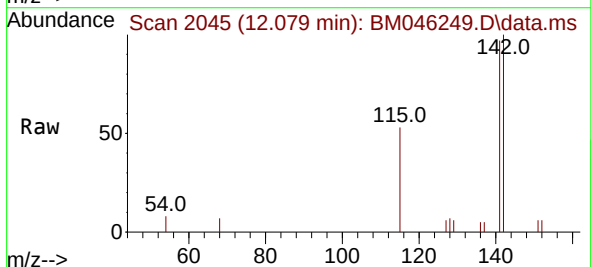
Tgt Ion:142 Resp: 4062
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8

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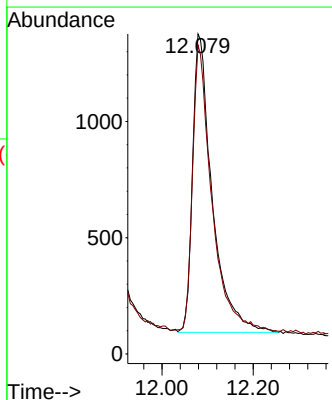
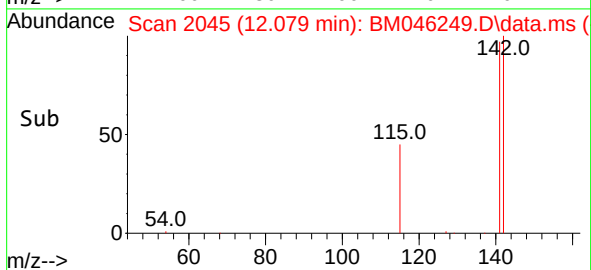
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

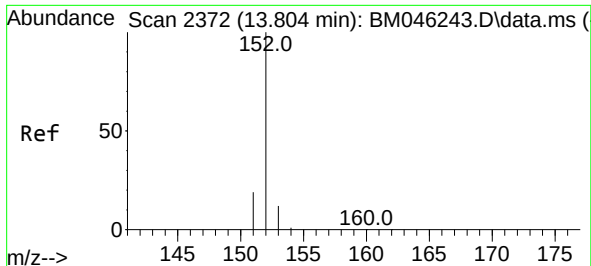


#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.079 min Scan# 2045
Delta R.T. -0.072 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37



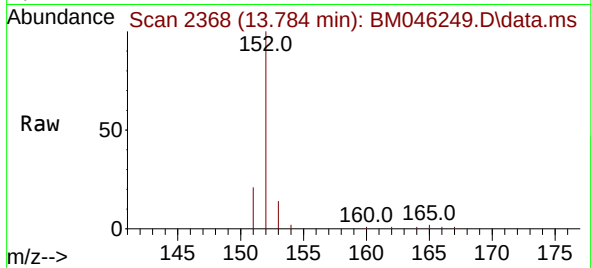
Tgt Ion:142 Resp: 3830
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8





#10
Acenaphthylene
Concen: 0.832 ng/ul
RT: 13.784 min Scan# 21
Delta R.T. -0.051 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

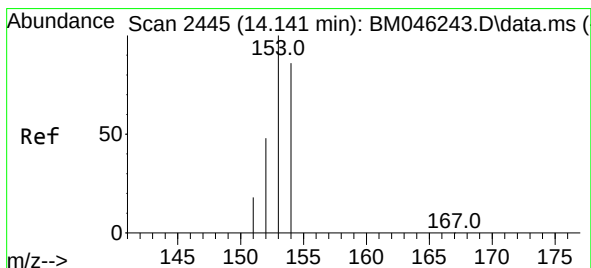
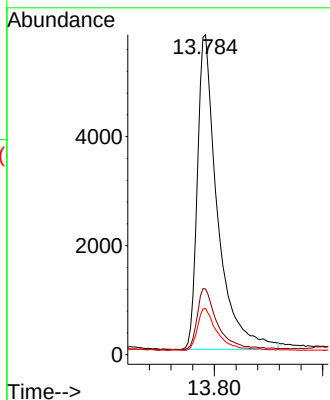
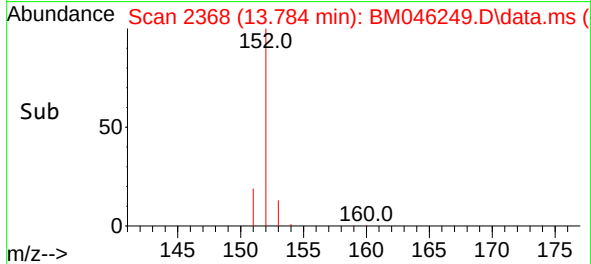
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



Tgt Ion:152 Resp: 14900
Ion Ratio Lower Upper
152 100
151 20.5 17.4 26.2
153 14.5 11.8 17.8

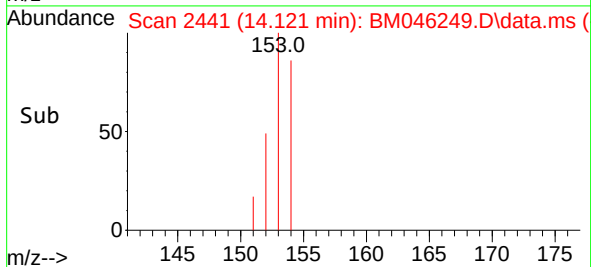
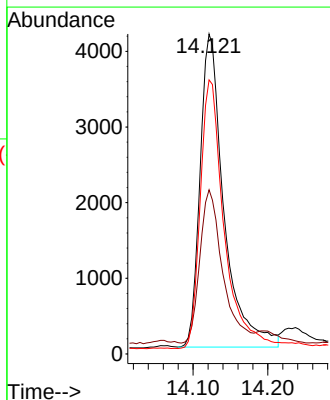
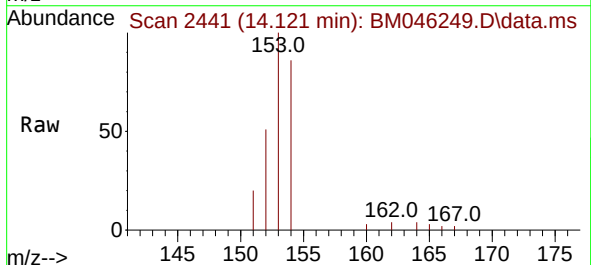
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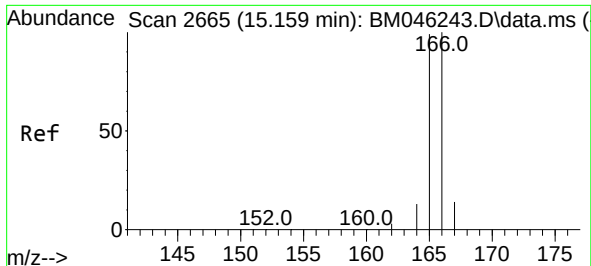
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 0.711 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.051 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

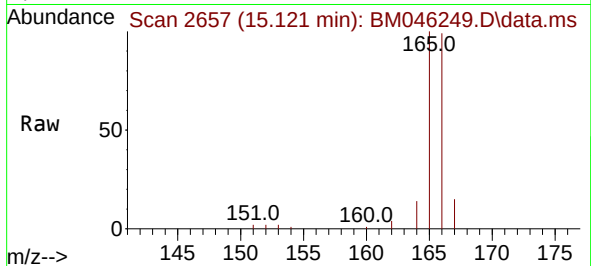
Tgt Ion:153 Resp: 9190
Ion Ratio Lower Upper
153 100
152 51.3 41.3 61.9
154 85.6 68.2 102.4





#12
Fluorene
Concen: 0.782 ng/ul
RT: 15.121 min Scan# 2065
Delta R.T. -0.060 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

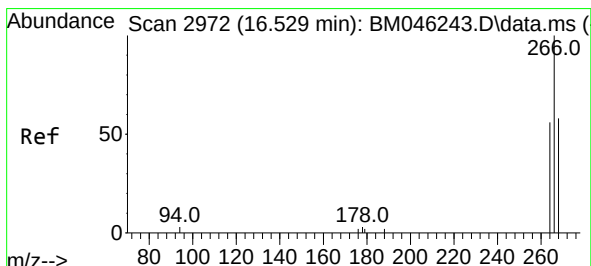
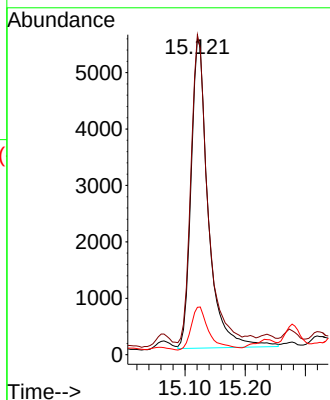
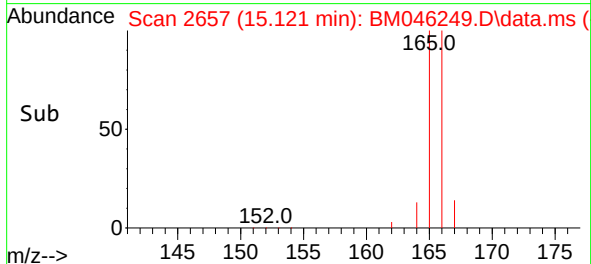
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



Tgt Ion:166 Resp: 1084
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 15.0 12.4 18.6

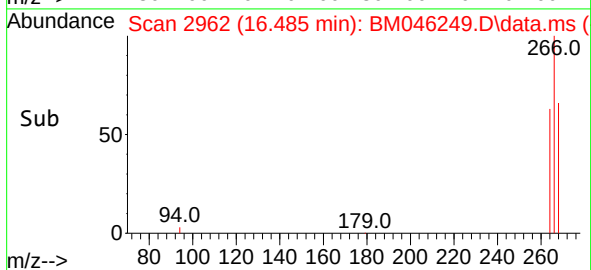
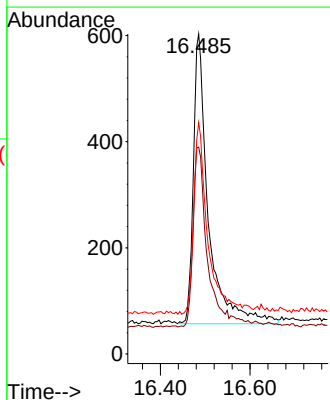
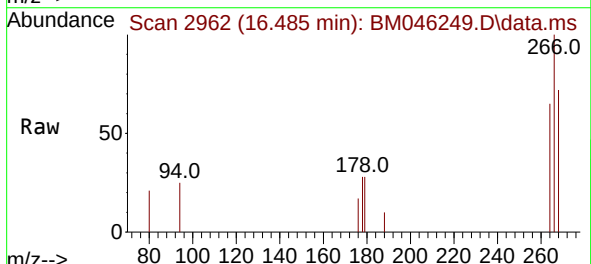
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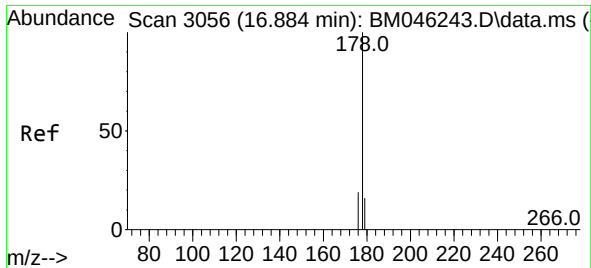
Reviewed By :Yogesh Patel 06/25/2024
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#14
Pentachlorophenol
Concen: 0.535 ng/ul
RT: 16.485 min Scan# 2962
Delta R.T. -0.080 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

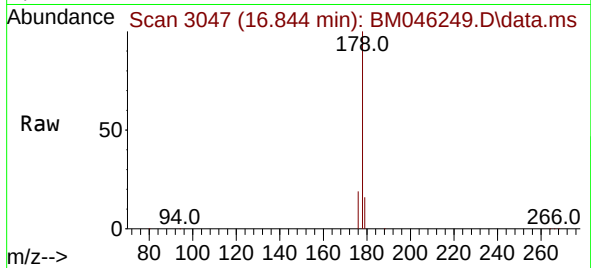
Tgt Ion:266 Resp: 1271
Ion Ratio Lower Upper
266 100
264 59.5 50.9 76.3
268 63.4 52.3 78.5





#15
Phenanthrene
Concen: 8.080 ng/u1
RT: 16.844 min Scan# 3069
Delta R.T. -0.059 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

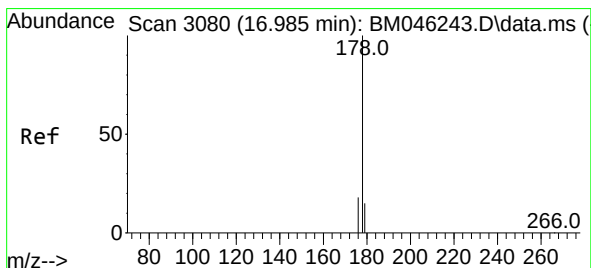
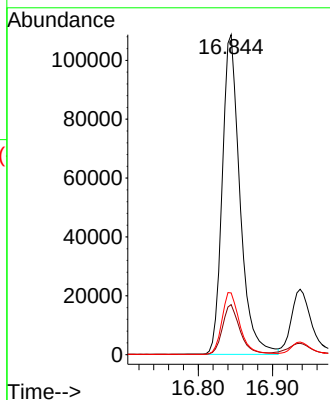
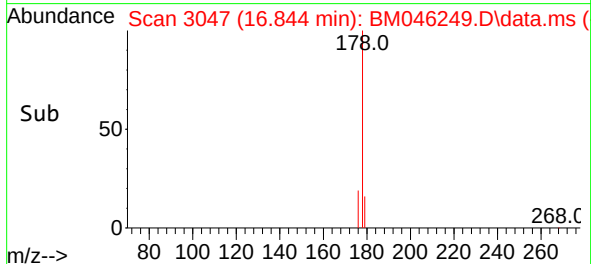
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



Tgt Ion:178 Resp: 17982
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.3 17.1 25.7

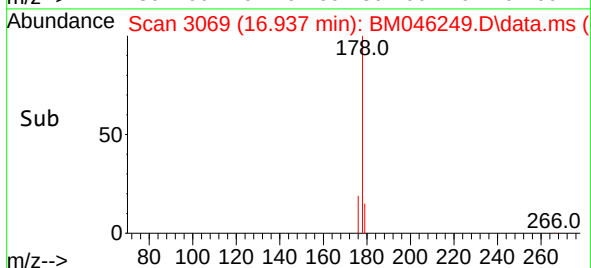
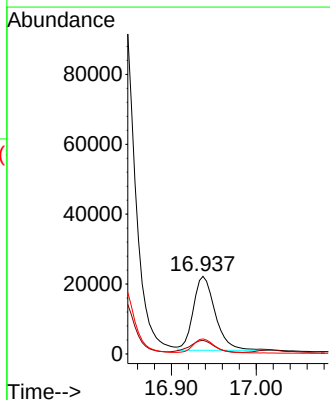
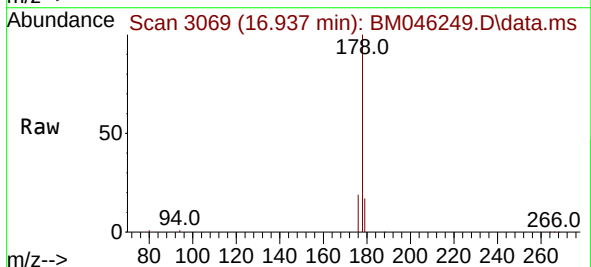
Manual Integrations
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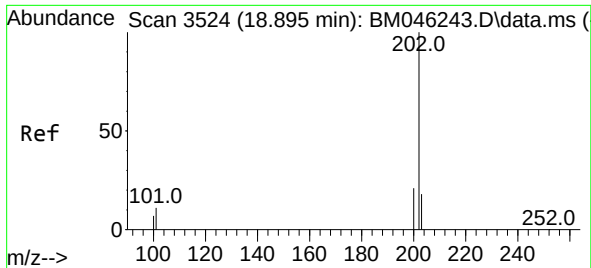
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 2.312 ng/u1
RT: 16.937 min Scan# 3069
Delta R.T. -0.068 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

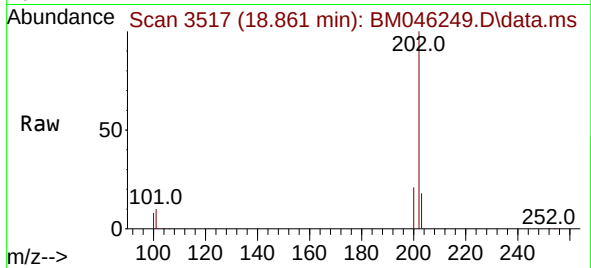
Tgt Ion:178 Resp: 38330
Ion Ratio Lower Upper
178 100
179 17.5 14.9 22.3
176 19.3 17.0 25.4





#19
Fluoranthene
Concen: 15.294 ng/ul
RT: 18.861 min Scan# 317
Delta R.T. -0.056 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

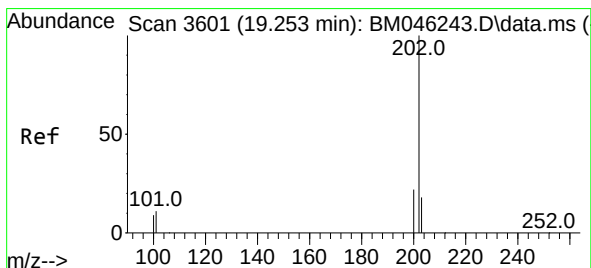
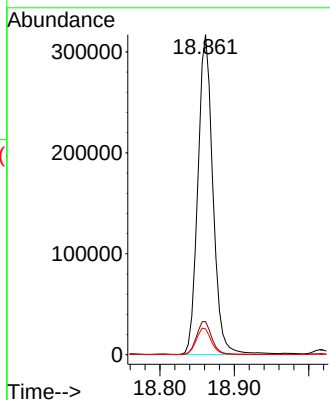
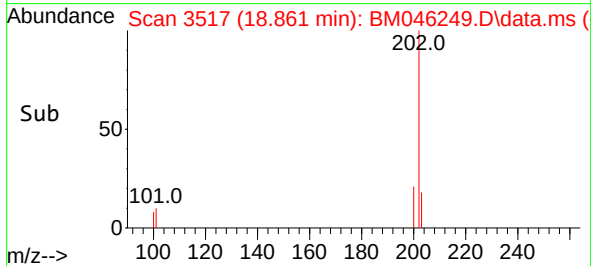
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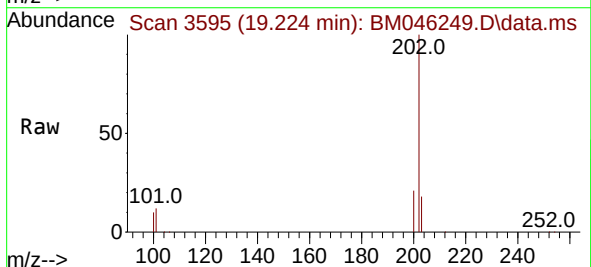
Tgt Ion:202 Resp: 44494
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.1 7.6 11.4

Manual Integrations
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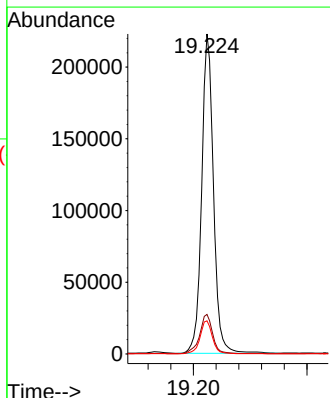
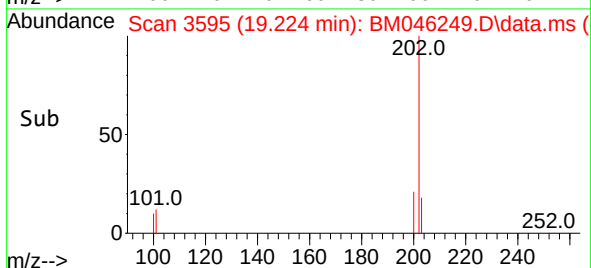
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

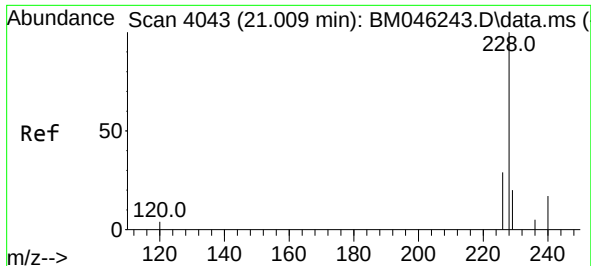


#20
Pyrene
Concen: 10.215 ng/ul
RT: 19.224 min Scan# 3595
Delta R.T. -0.051 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37



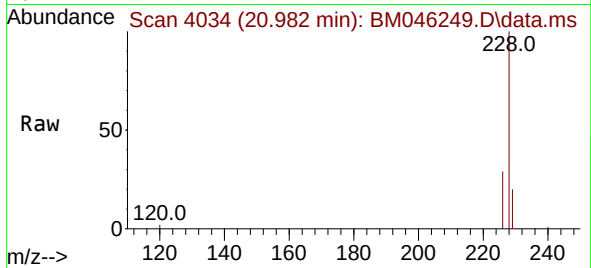
Tgt Ion:202 Resp: 321382
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.404 ng/u1
RT: 20.982 min Scan# 4034
Delta R.T. -0.047 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

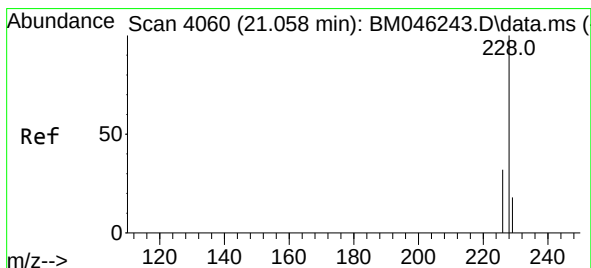
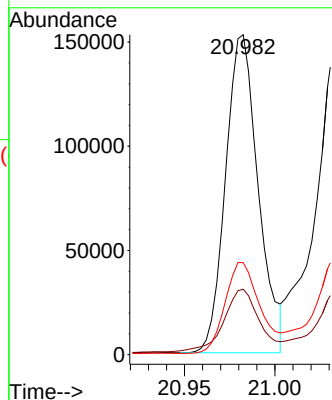
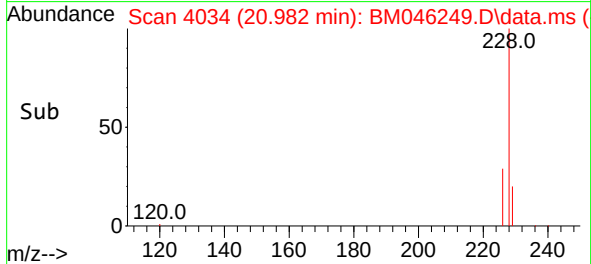
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



Tgt Ion:228 Resp: 192169
Ion Ratio Lower Upper
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229 20.4 16.4 24.6
226 28.8 23.4 35.2

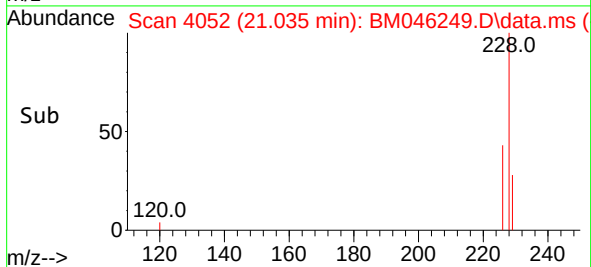
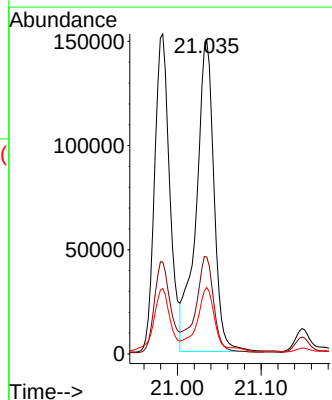
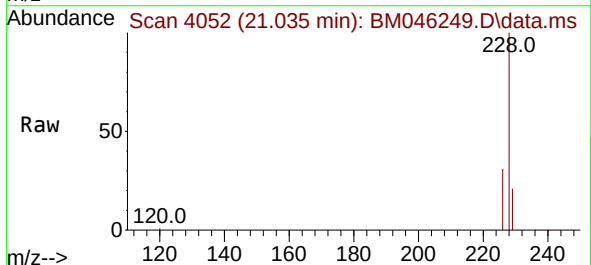
Manual Integrations
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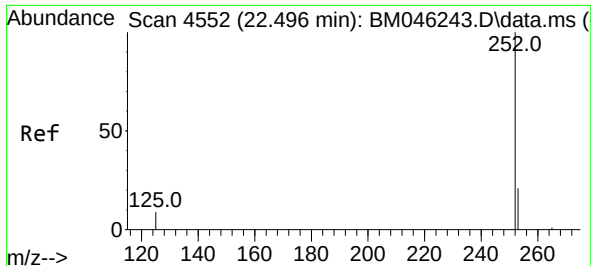
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 6.669 ng/u1
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

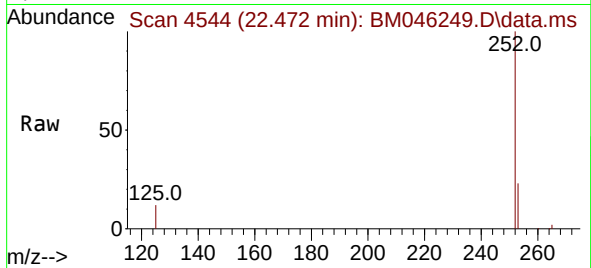
Tgt Ion:228 Resp: 220894
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 9.221 ng/ul m
RT: 22.472 min Scan# 4544
Delta R.T. -0.047 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

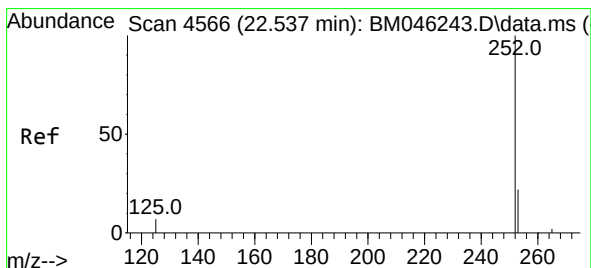
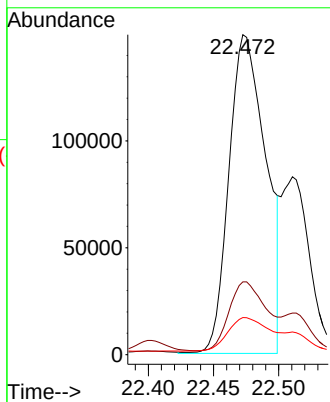
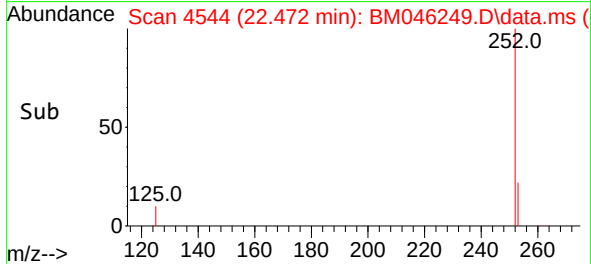
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



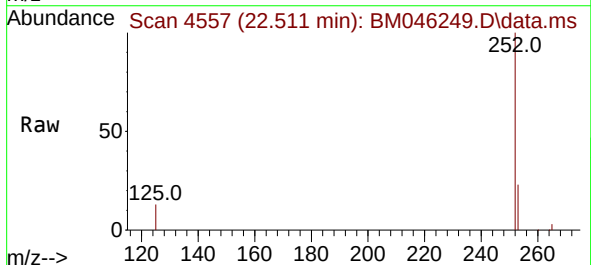
Tgt Ion:252 Resp: 29338
Ion Ratio Lower Upper
252 100
253 22.8 0.0 65.8
125 11.6 0.0 40.2

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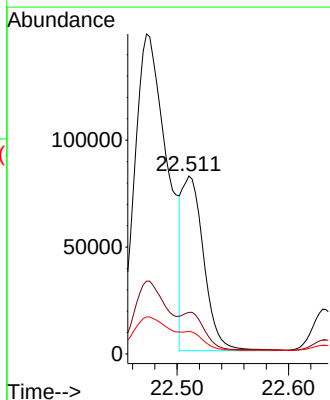
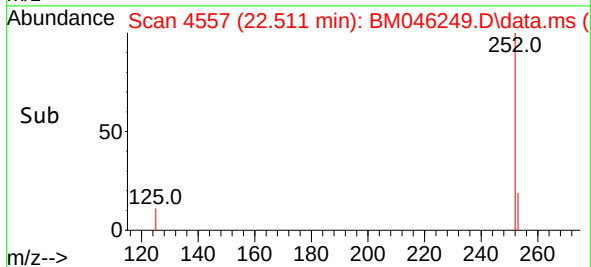
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

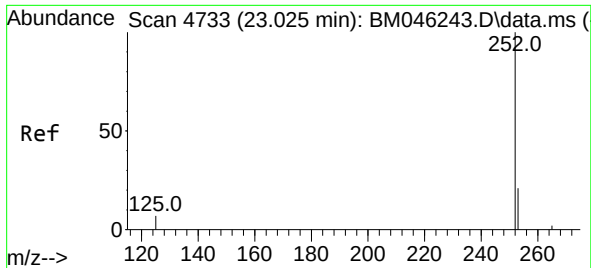


#25
Benzo(k)fluoranthene
Concen: 2.940 ng/ul m
RT: 22.511 min Scan# 4557
Delta R.T. -0.053 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37



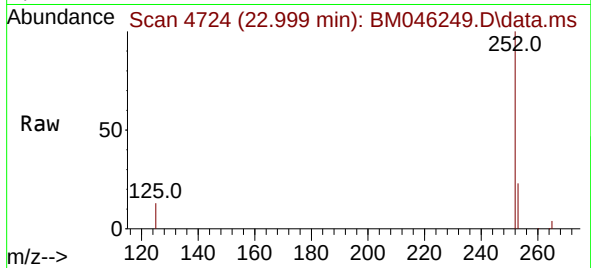
Tgt Ion:252 Resp: 111191
Ion Ratio Lower Upper
252 100
253 23.4 27.2 40.8#
125 12.7 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 4.556 ng/ul m
RT: 22.999 min Scan# 4
Delta R.T. -0.056 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

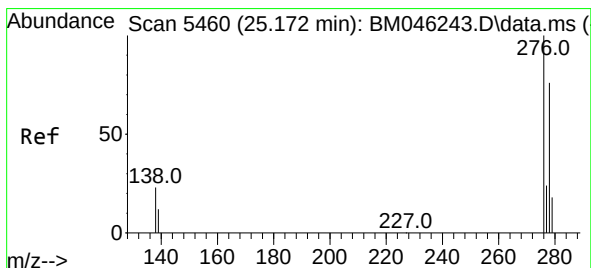
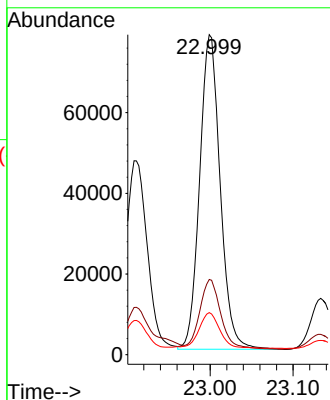
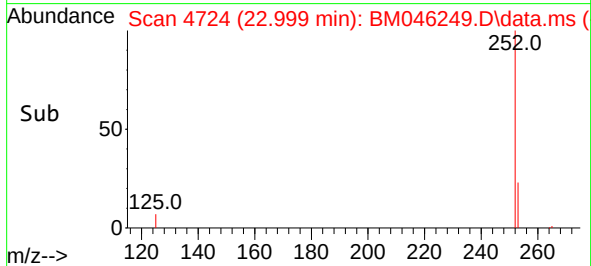
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



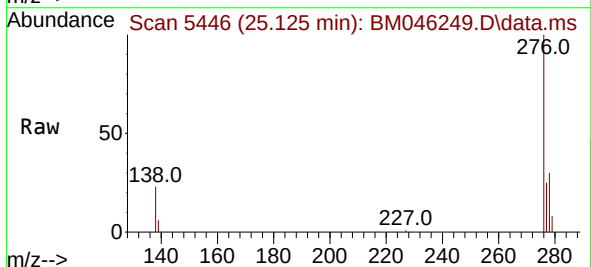
Tgt Ion:252 Resp: 13431
Ion Ratio Lower Upper
252 100
253 23.5 32.1 48.1
125 13.1 21.2 31.8

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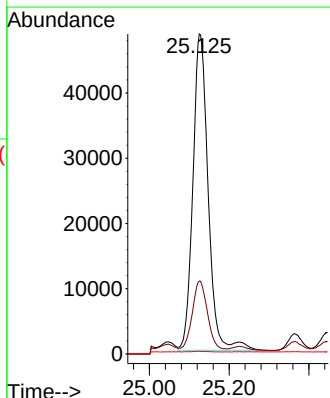
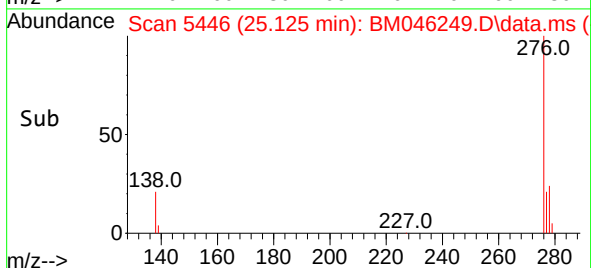
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

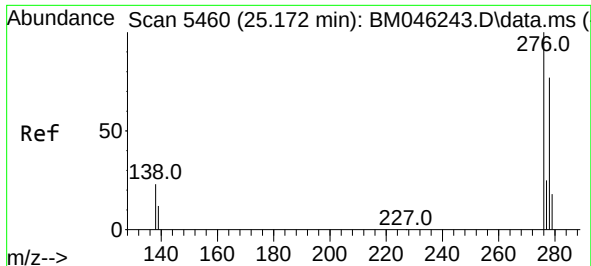


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.676 ng/ul
RT: 25.125 min Scan# 5446
Delta R.T. -0.077 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37



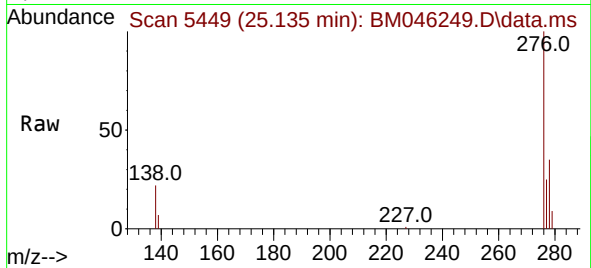
Tgt Ion:276 Resp: 129111
Ion Ratio Lower Upper
276 100
138 22.9 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.197 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37

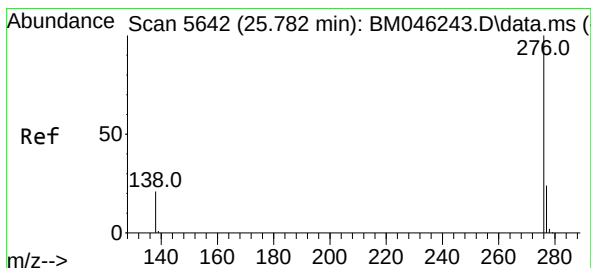
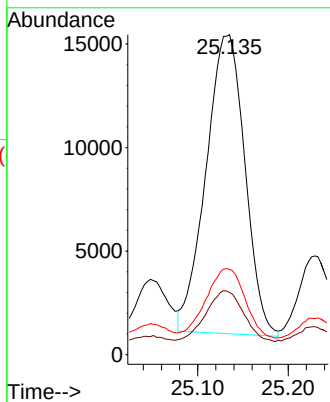
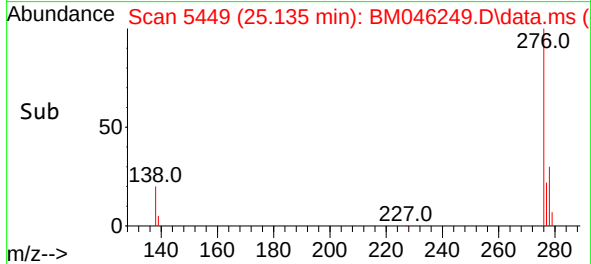
Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD



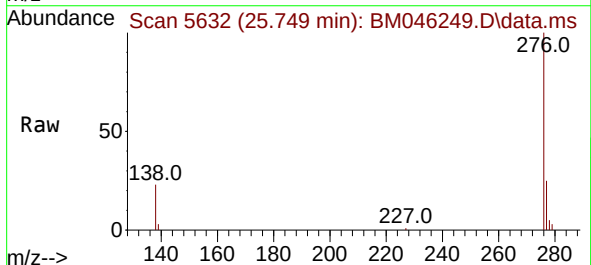
Tgt Ion:278 Resp: 43002
Ion Ratio Lower Upper
278 100
139 19.5 17.6 26.4
279 26.6 26.3 39.5

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Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 1.547 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.081 min
Lab File: BM046249.D
Acq: 24 Jun 2024 12:37



Tgt Ion:276 Resp: 64017
Ion Ratio Lower Upper
276 100
138 22.9 21.7 32.5
277 25.1 20.4 30.6

