

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046248.D
 Acq On : 24 Jun 2024 12:01
 Operator : MA/JU
 Sample : P2775-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ3MS

Manual Integrations APPROVED

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

Quant Time: Jun 24 12:45:39 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

06/25/2024
 Supervised By :mohammad
 ahmed

06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	1740	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	5270	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.061	164	3047	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.802	188	6369	0.400	ng/ul	-0.06
17) Chrysene-d12	21.000	240	5526	0.400	ng/ul	#-0.04
23) Perylene-d12	23.092	264	7197m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	930	0.390	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.799	152	2027	0.286	ng/ul	-0.07
18) Fluoranthene-d10	18.829	212	5631	0.340	ng/ul	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.058	88	2375	0.887	ng/ul#	80
5) Naphthalene	10.253	128	7926	0.539	ng/ul	99
7) 2-Methylnaphthalene	11.875	142	3783	0.457	ng/ul	99
8) 1-Methylnaphthalene	12.084	142	3720	0.410	ng/ul	98
10) Acenaphthylene	13.784	152	14021	0.970	ng/ul	99
11) Acenaphthene	14.121	153	8604	0.825	ng/ul	100
12) Fluorene	15.121	166	10175	0.909	ng/ul	99
14) Pentachlorophenol	16.485	266	1171	0.613	ng/ul	94
15) Phenanthrene	16.844	178	169711	9.484	ng/ul	95
16) Anthracene	16.937	178	36260	2.721	ng/ul	97
19) Fluoranthene	18.861	202	424962	17.761	ng/ul	95
20) Pyrene	19.224	202	308987	11.941	ng/ul	95
21) Benzo(a)anthracene	20.983	228	187324	8.776	ng/ul	100
22) Chrysene	21.035	228	210733	7.736	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	288766m	11.137	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	112183m	3.639	ng/ul	
26) Benzo(a)pyrene	23.002	252	129139m	5.375	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.128	276	125284	3.186	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.135	278	41698	1.424	ng/ul	91
29) Benzo(g,h,i)perylene	25.752	276	62146	1.843	ng/ul	95

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

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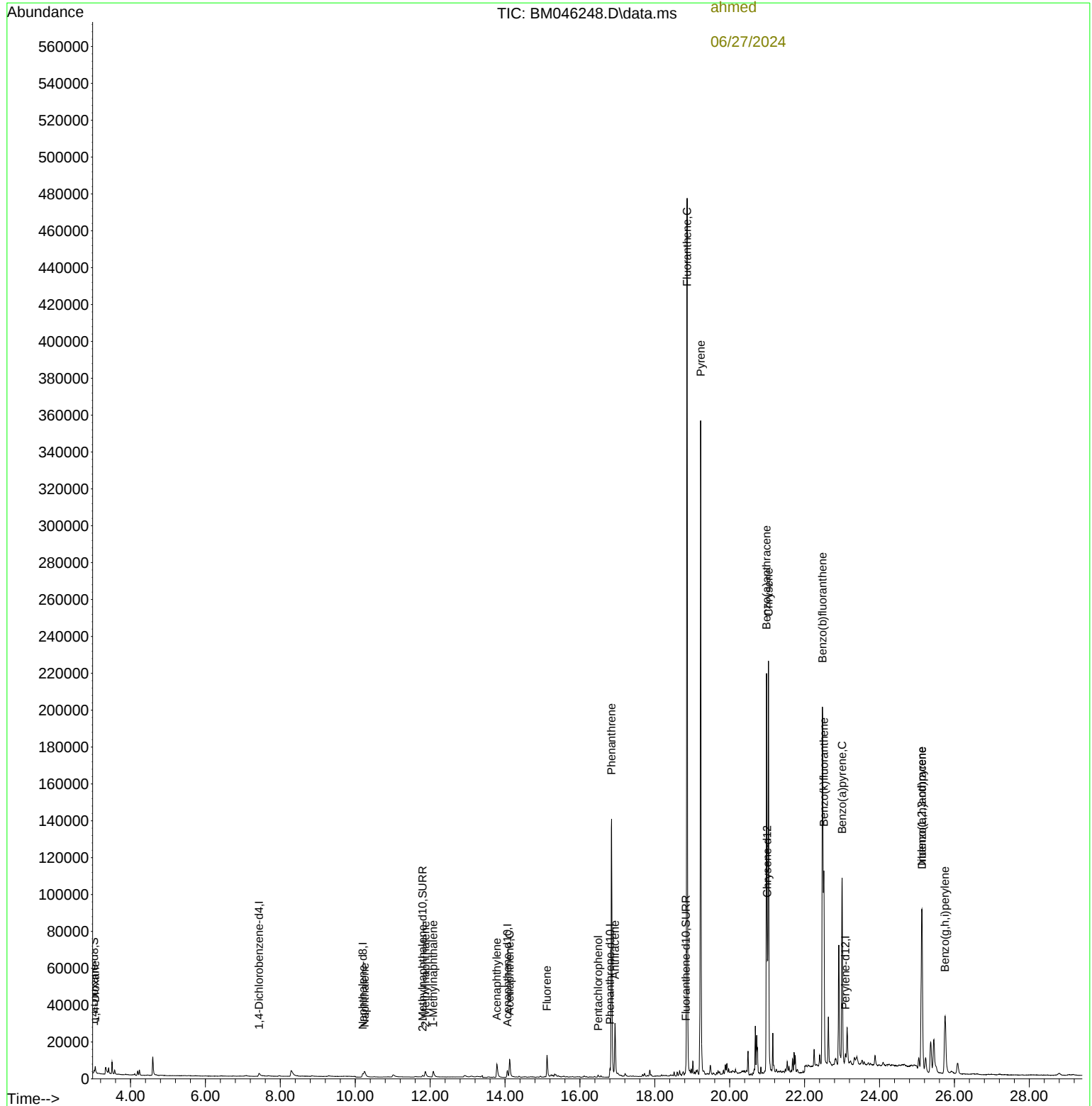
Quant Time: Jun 24 12:45:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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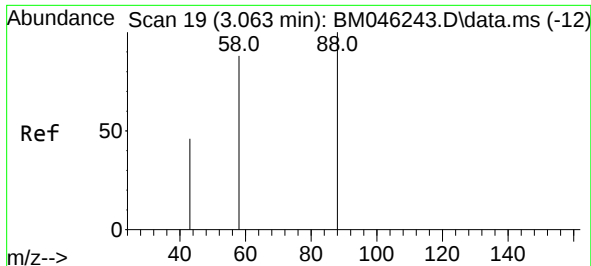
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Supervised By :mohammad ahmed 06/27/2024

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ahmed

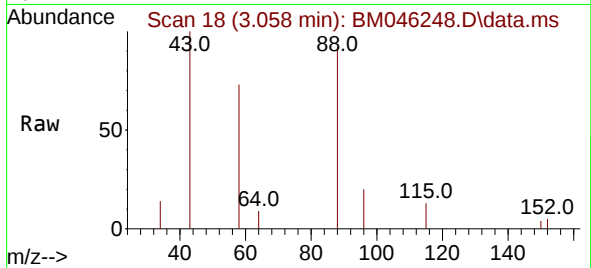
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#2
1,4-Dioxane
Concen: 0.887 ng/ul
RT: 3.058 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

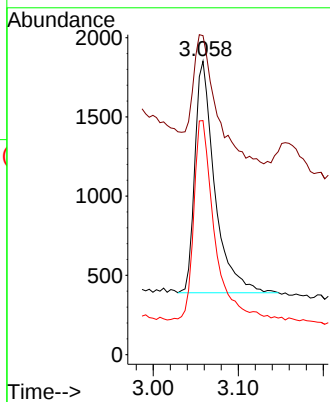
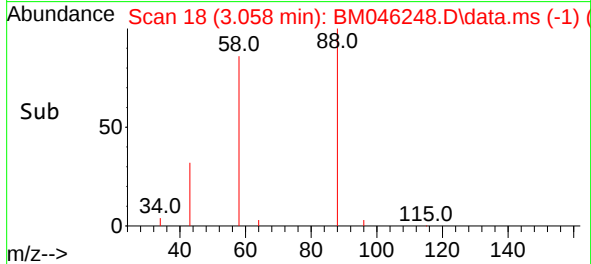
Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
43 108.8 69.8 104.8
58 79.8 53.2 79.8

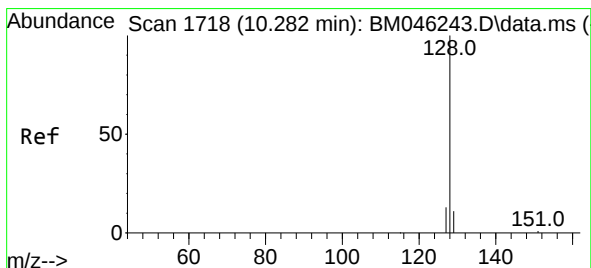
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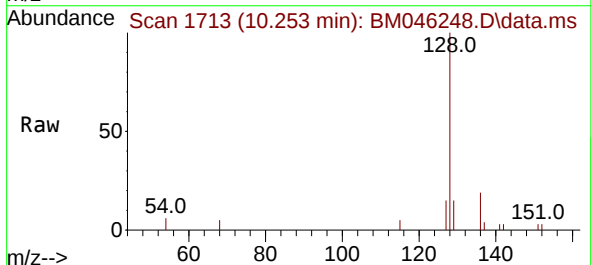


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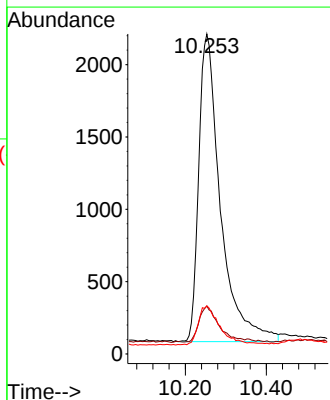
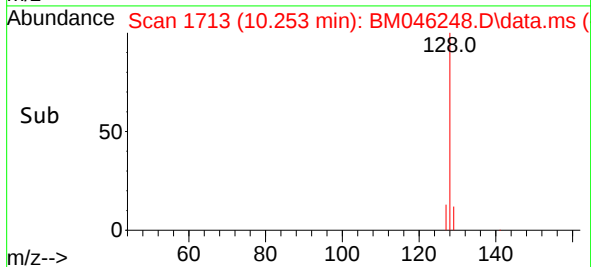
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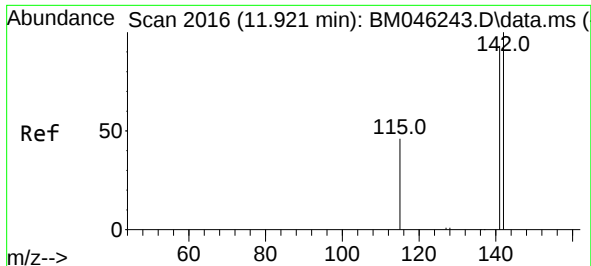


#5
Naphthalene
Concen: 0.539 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.050 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01



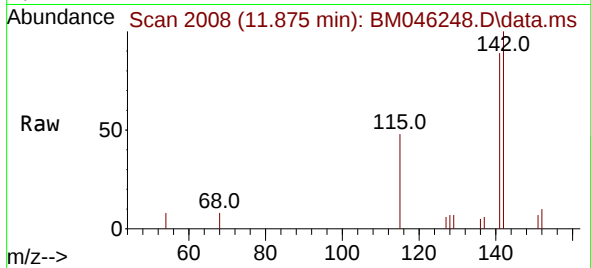
Tgt Ion:128 Resp: 7926
Ion Ratio Lower Upper
128 100
129 15.0 11.8 17.6
127 15.1 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 11.875 min Scan# 2008
Delta R.T. -0.072 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

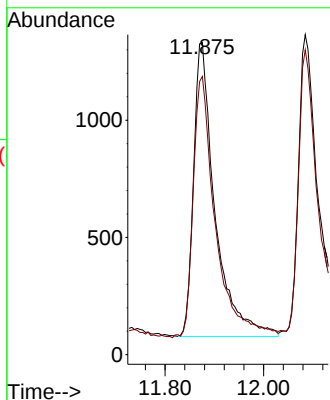
Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



Tgt Ion:142 Resp: 378
Ion Ratio Lower Upper
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141 93.8 74.6 111.8

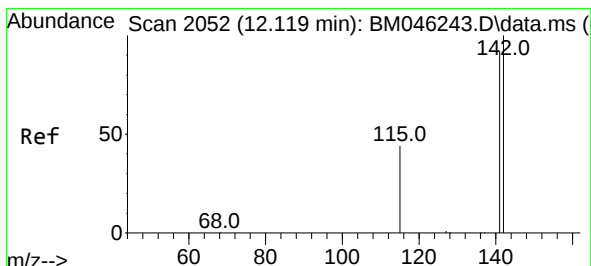
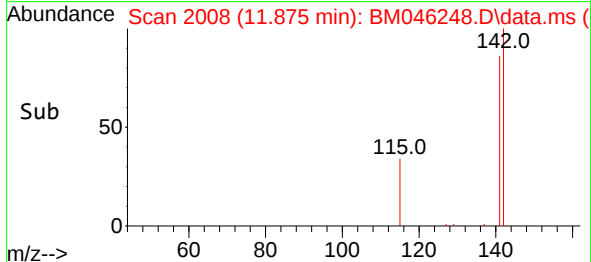
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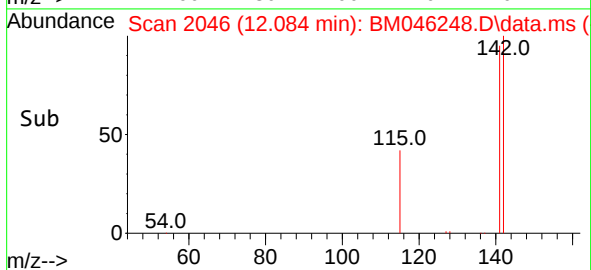
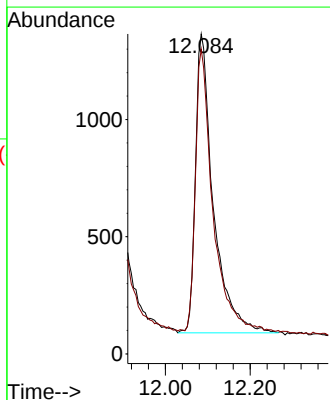
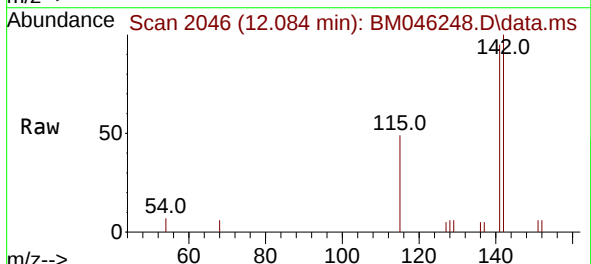
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ahmed

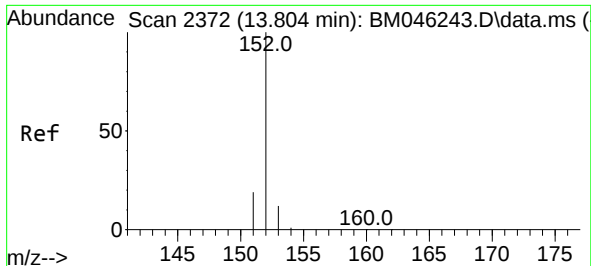
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#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.084 min Scan# 2046
Delta R.T. -0.066 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

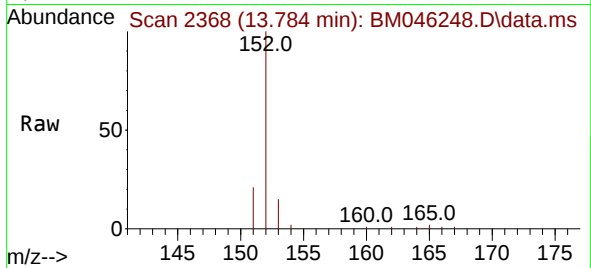
Tgt Ion:142 Resp: 3720
Ion Ratio Lower Upper
142 100
141 92.2 75.2 112.8





#10
Acenaphthylene
Concen: 0.970 ng/ul
RT: 13.784 min Scan# 21
Delta R.T. -0.051 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



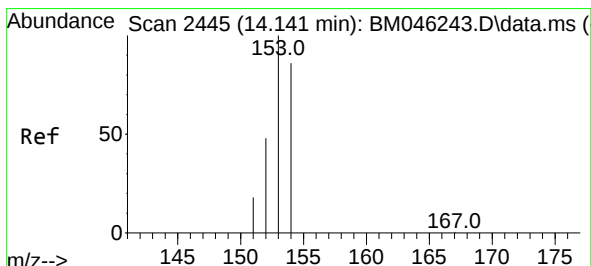
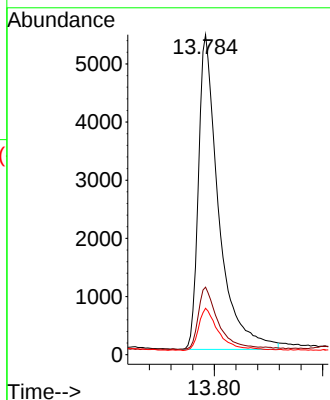
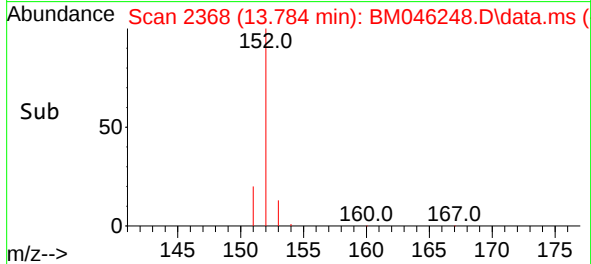
Tgt Ion:152 Resp: 1402
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 14.5 11.8 17.8

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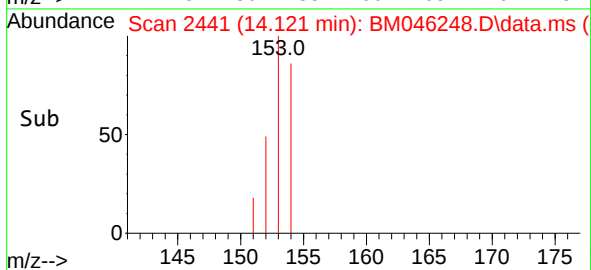
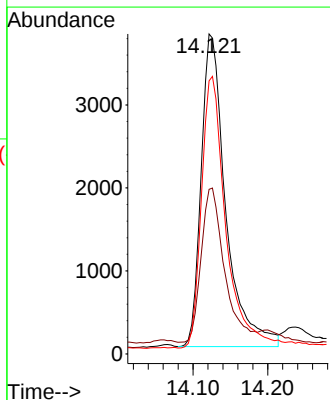
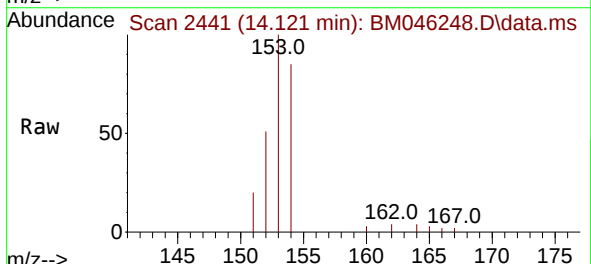
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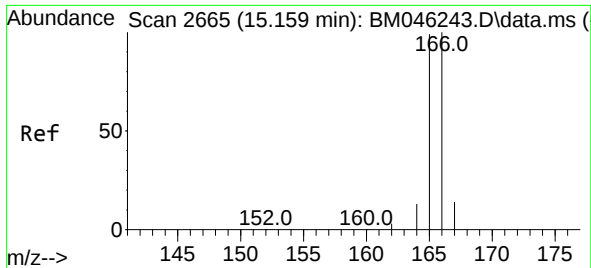
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#11
Acenaphthene
Concen: 0.825 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.051 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

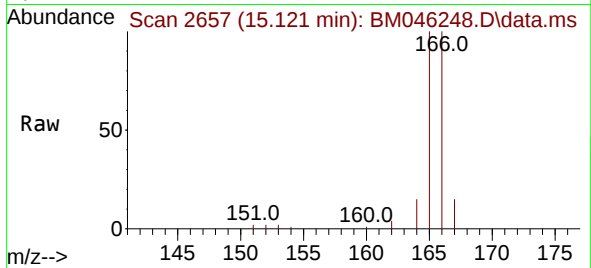
Tgt Ion:153 Resp: 8604
Ion Ratio Lower Upper
153 100
152 51.5 41.3 61.9
154 85.4 68.2 102.4





#12
Fluorene
Concen: 0.909 ng/ul
RT: 15.121 min Scan# 2017
Delta R.T. -0.060 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

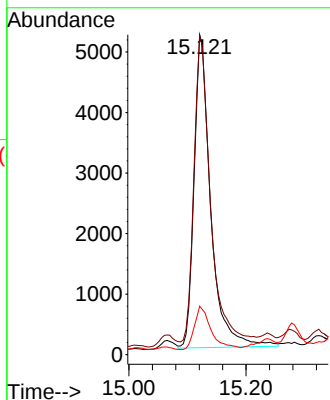
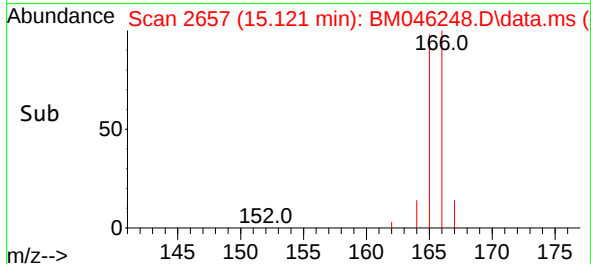
Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



Tgt Ion:166 Resp: 1017
Ion Ratio Lower Upper
166 100
165 99.6 80.4 120.6
167 15.2 12.4 18.6

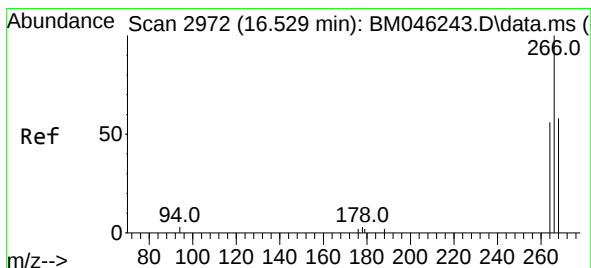
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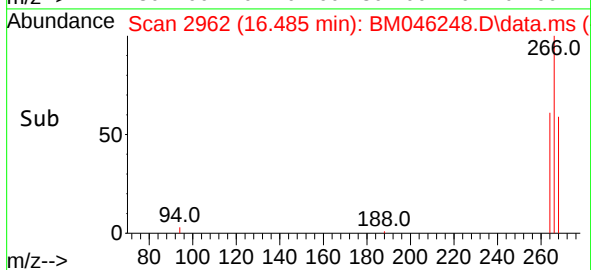
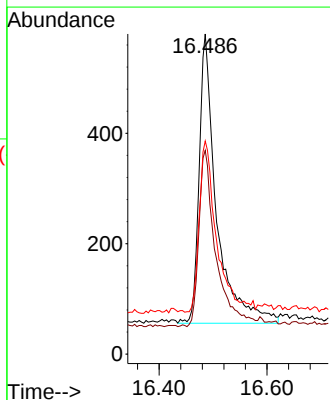
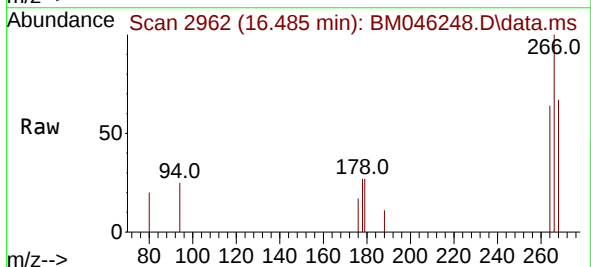
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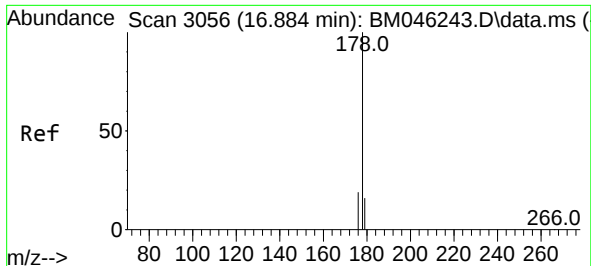
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#14
Pentachlorophenol
Concen: 0.613 ng/ul
RT: 16.485 min Scan# 2962
Delta R.T. -0.080 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

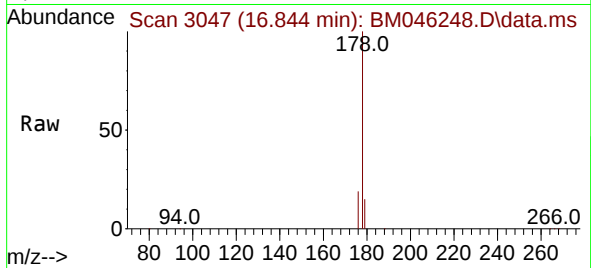
Tgt Ion:266 Resp: 1171
Ion Ratio Lower Upper
266 100
264 59.3 50.9 76.3
268 59.6 52.3 78.5





#15
Phenanthrene
Concen: 9.484 ng/ul
RT: 16.844 min Scan# 3056
Delta R.T. -0.059 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



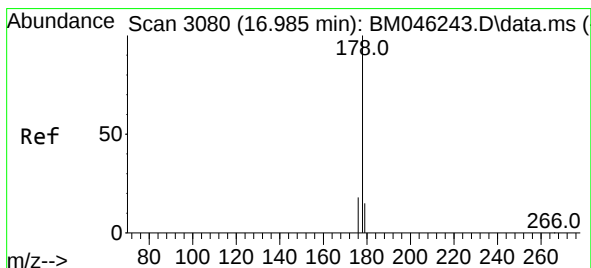
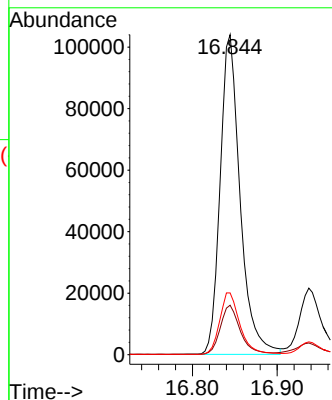
Tgt Ion:178 Resp: 16971
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.3 17.1 25.7

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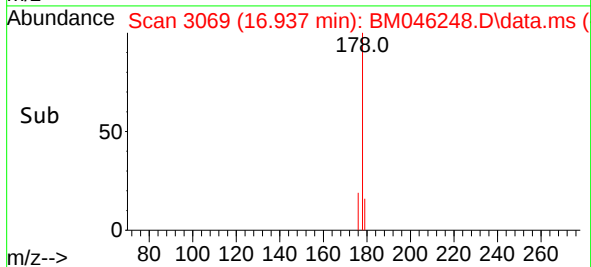
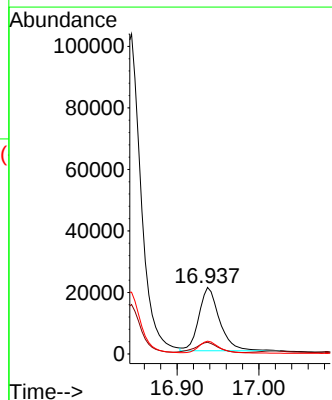
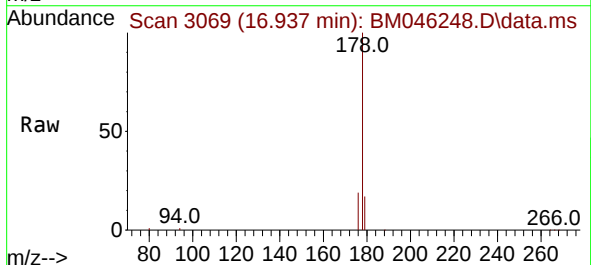
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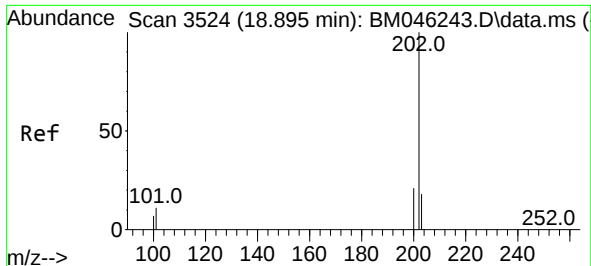
06/27/2024



#16
Anthracene
Concen: 2.721 ng/ul
RT: 16.937 min Scan# 3069
Delta R.T. -0.068 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

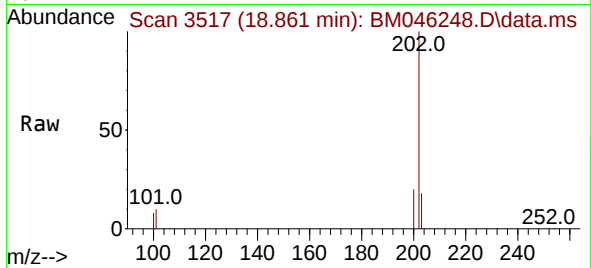
Tgt Ion:178 Resp: 36260
Ion Ratio Lower Upper
178 100
179 17.5 14.9 22.3
176 19.3 17.0 25.4





#19
Fluoranthene
Concen: 17.761 ng/ul
RT: 18.861 min Scan# 31
Delta R.T. -0.056 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



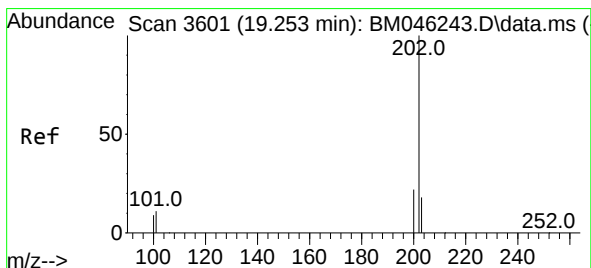
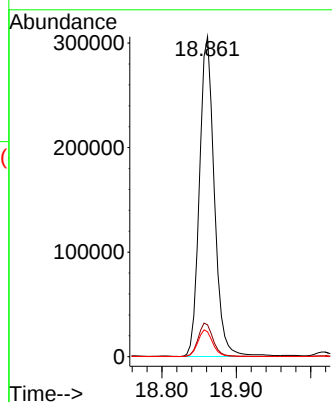
Tgt Ion:202 Resp: 424962
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.8 7.6 11.4

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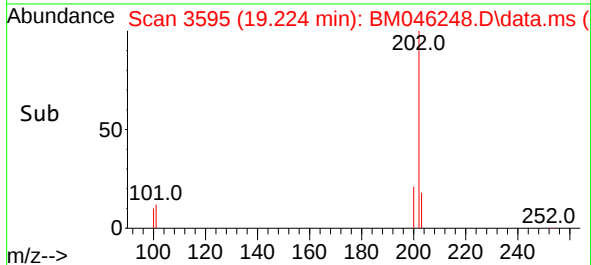
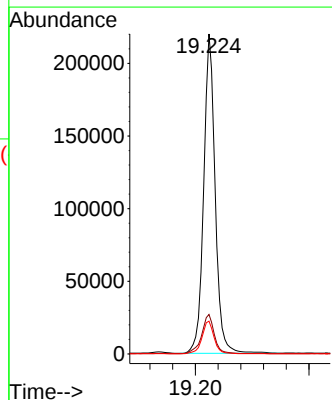
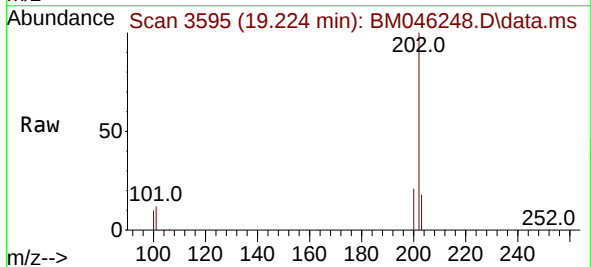
06/25/2024
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ahmed

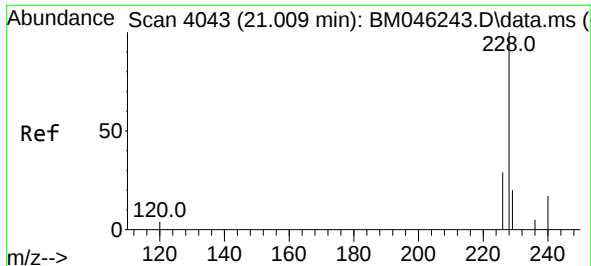
06/27/2024



#20
Pyrene
Concen: 11.941 ng/ul
RT: 19.224 min Scan# 3595
Delta R.T. -0.051 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

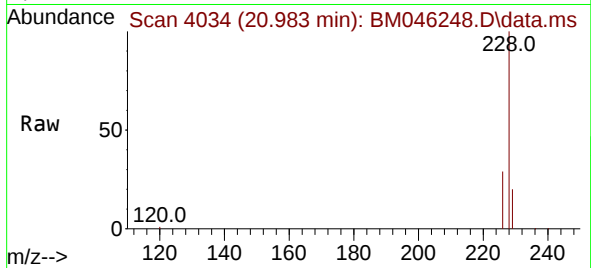
Tgt Ion:202 Resp: 308987
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 8.776 ng/u1
RT: 20.983 min Scan# 4034
Delta R.T. -0.047 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

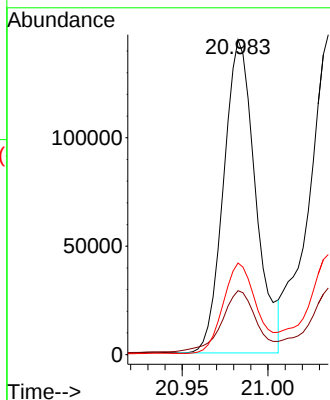
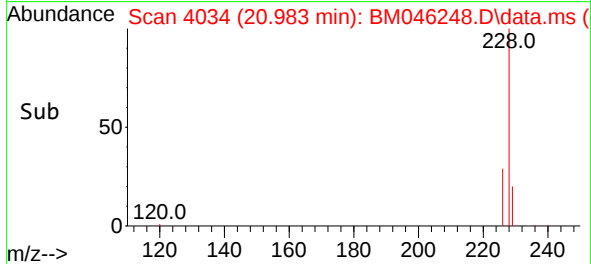
Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



Tgt Ion:228 Resp: 187324
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 29.1 23.4 35.2

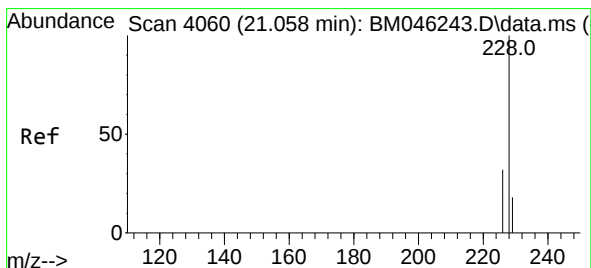
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Supervised By :mohammad ahmed 06/27/2024

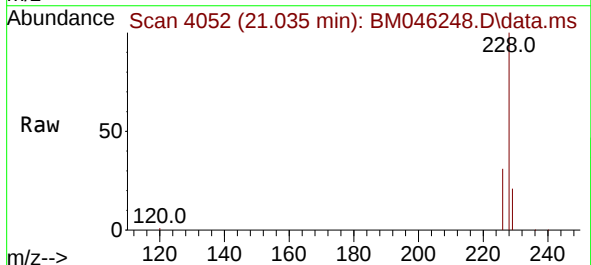


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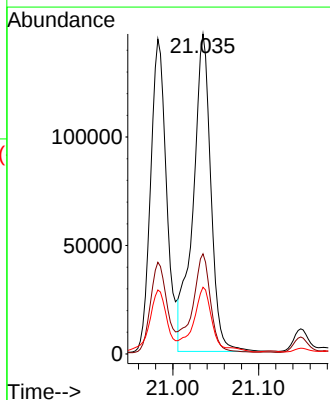
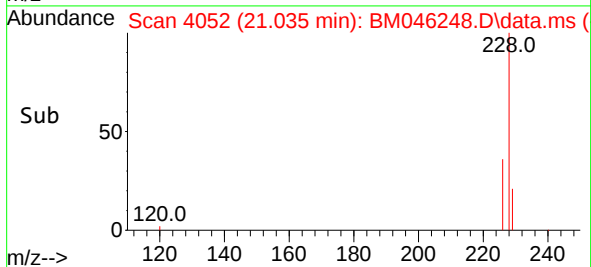
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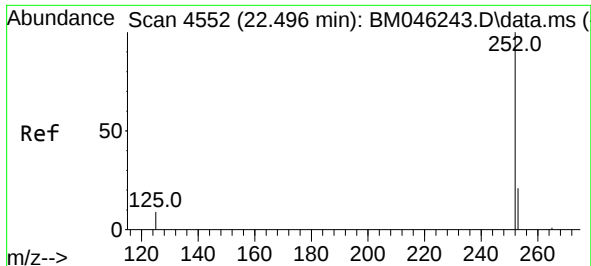


#22
Chrysene
Concen: 7.736 ng/u1
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01



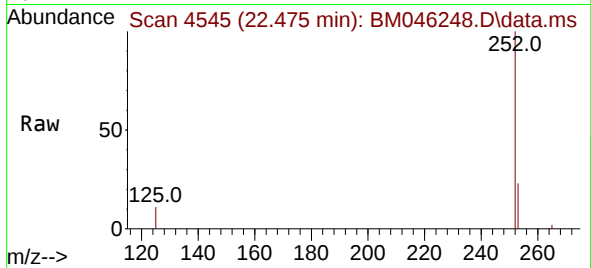
Tgt Ion:228 Resp: 210733
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 11.137 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



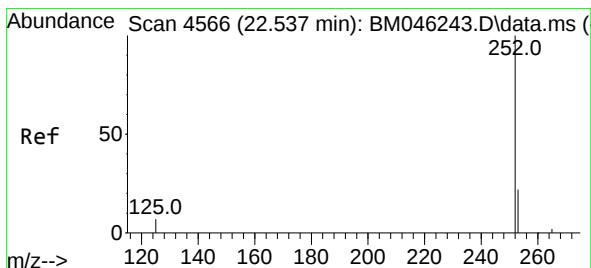
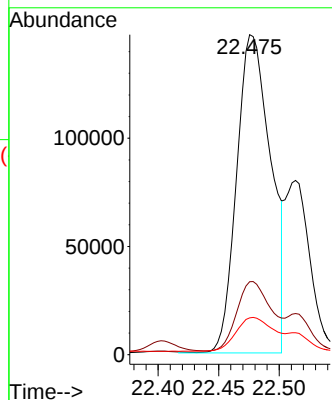
Tgt Ion:252 Resp: 288760
Ion Ratio Lower Upper
252 100
253 22.8 0.0 65.8
125 11.5 0.0 40.2

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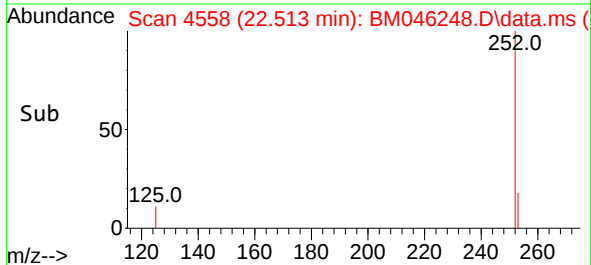
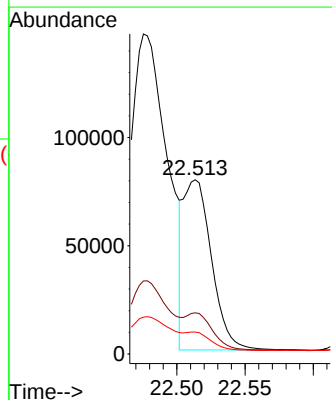
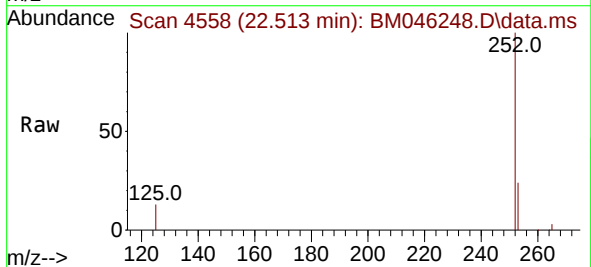
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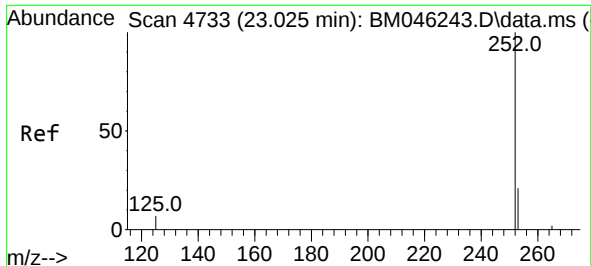
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#25
Benzo(k)fluoranthene
Concen: 3.639 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

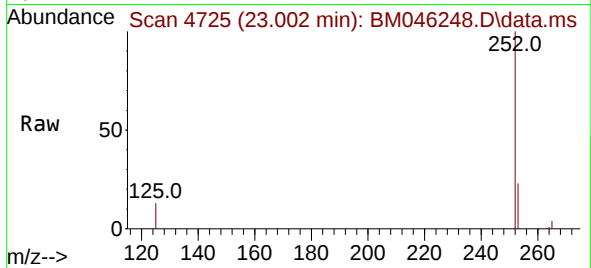
Tgt Ion:252 Resp: 112183
Ion Ratio Lower Upper
252 100
253 23.6 27.2 40.8#
125 12.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 5.375 ng/ul m
RT: 23.002 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



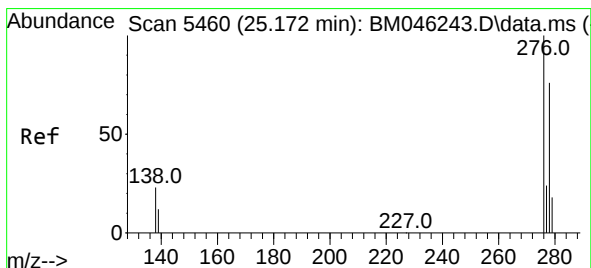
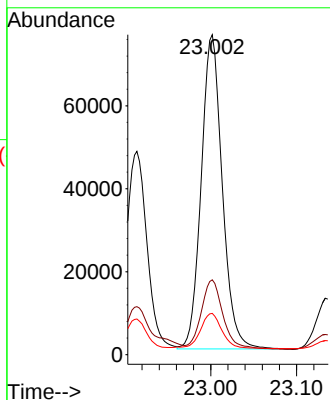
Tgt Ion:252 Resp: 129135
Ion Ratio Lower Upper
252 100
253 23.4 32.1 48.1
125 12.9 21.2 31.8

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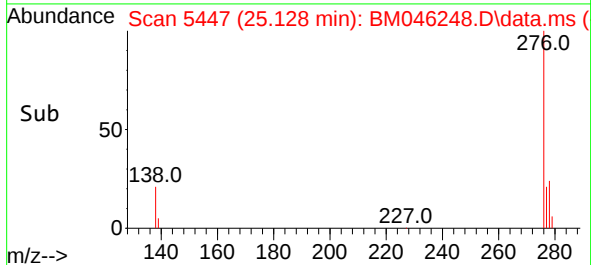
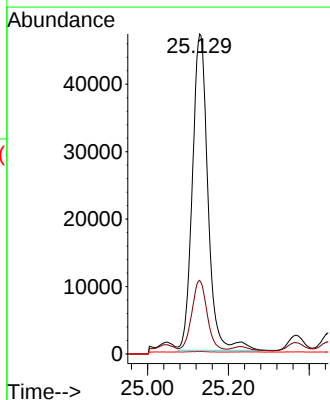
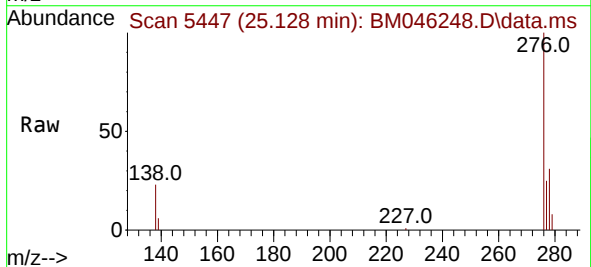
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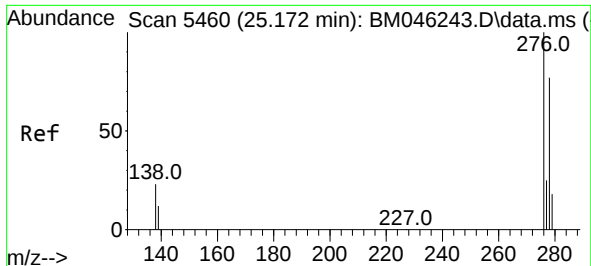
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.186 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.074 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

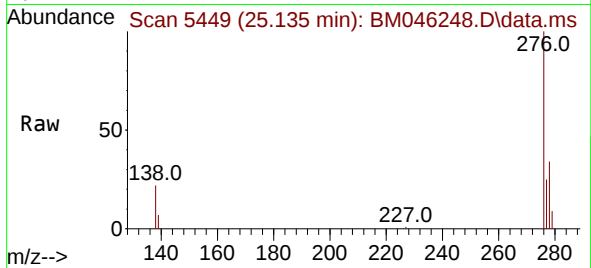
Tgt Ion:276 Resp: 125284
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.424 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01

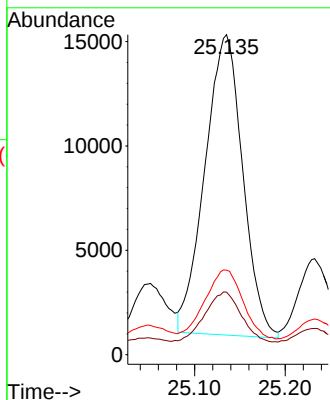
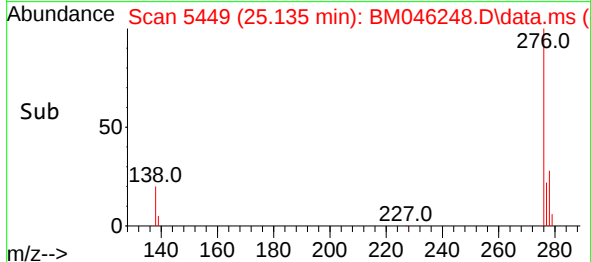
Instrument :
BNA_M
ClientSampleId :
A4BQ3MS



Tgt Ion:278 Resp: 41698
Ion Ratio Lower Upper
278 100
139 19.5 17.6 26.4
279 26.4 26.3 39.5

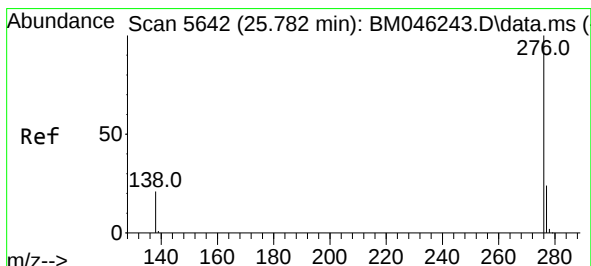
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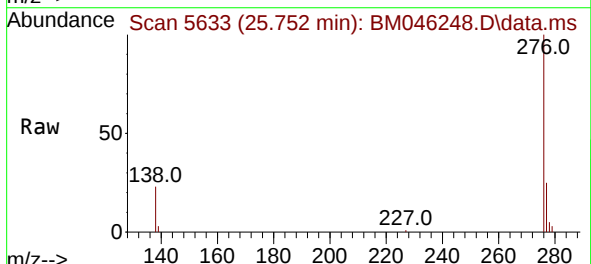


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ahmed

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#29
Benzo(g,h,i)perylene
Concen: 1.843 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.077 min
Lab File: BM046248.D
Acq: 24 Jun 2024 12:01



Tgt Ion:276 Resp: 62146
Ion Ratio Lower Upper
276 100
138 22.9 21.7 32.5
277 25.1 20.4 30.6

