

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046271.D
 Acq On : 25 Jun 2024 02:00
 Operator : MA/JU
 Sample : P2776-14DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA9DL

Manual Integrations APPROVED

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

Quant Time: Jun 25 03:02:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2455	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.220	136	7081	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.066	164	4177	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.815	188	7817	0.400	ng/ul	-0.05
17) Chrysene-d12	21.018	240	6198	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	6789m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2035	0.604	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	439	0.046	ng/ul	-0.02
18) Fluoranthene-d10	18.847	212	846	0.046	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.788	152	668	0.034	ng/ul#	65
11) Acenaphthene	14.131	153	355	0.025	ng/ul#	93
12) Fluorene	15.130	166	369	0.024	ng/ul#	88
15) Phenanthrene	16.857	178	7300	0.332	ng/ul	99
16) Anthracene	16.950	178	1242	0.076	ng/ul#	76
19) Fluoranthene	18.875	202	12240	0.456	ng/ul	98
20) Pyrene	19.233	202	12269	0.423	ng/ul	97
21) Benzo(a)anthracene	21.003	228	4838m	0.202	ng/ul	
22) Chrysene	21.053	228	5379	0.176	ng/ul	95
24) Benzo(b)fluoranthene	22.487	252	7177m	0.293	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	3128m	0.108	ng/ul	
26) Benzo(a)pyrene	23.008	252	5219	0.230	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.162	276	3878	0.105	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.169	278	874	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	25.779	276	4122	0.130	ng/ul#	89

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

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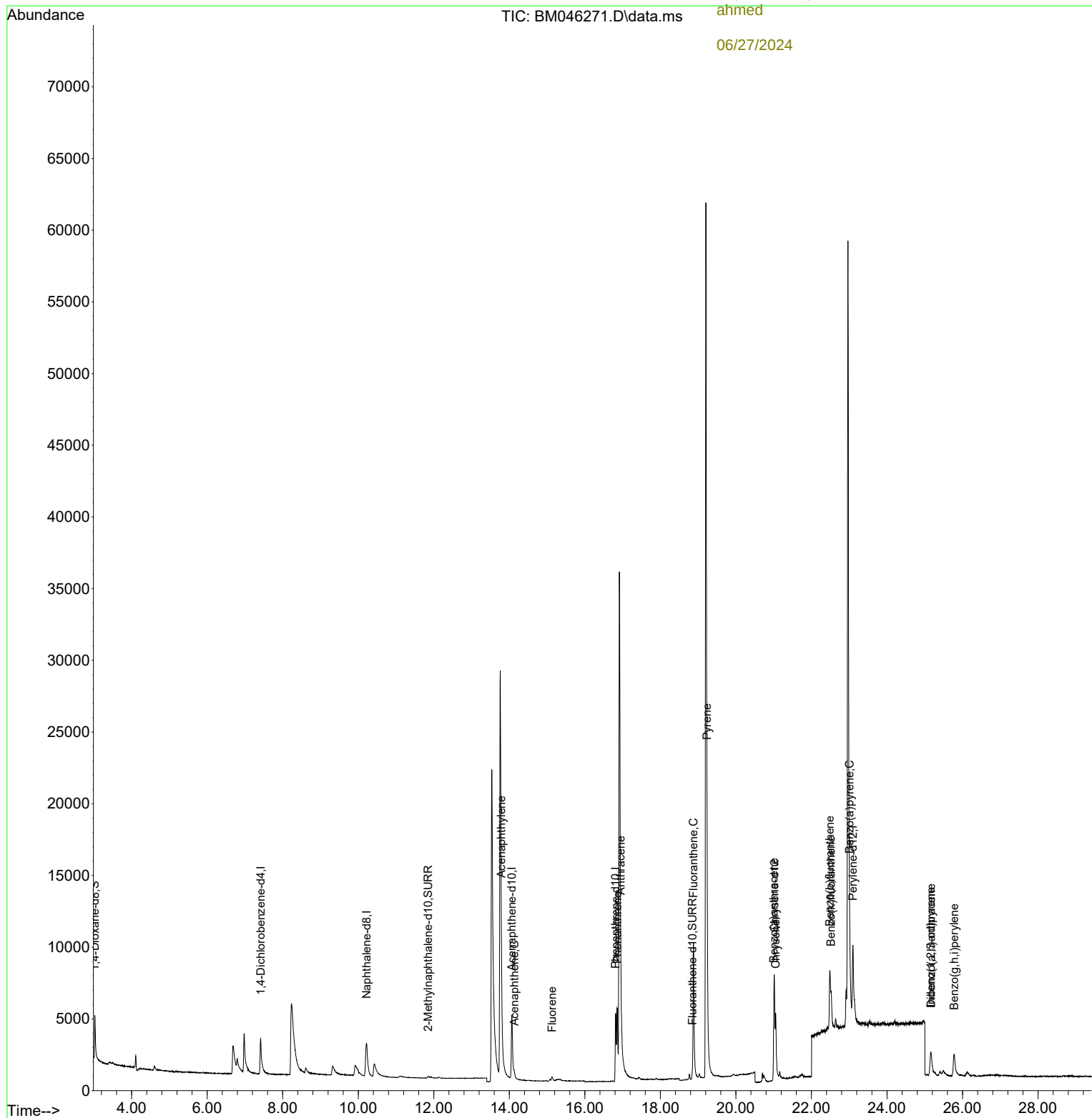
Manual Integrations
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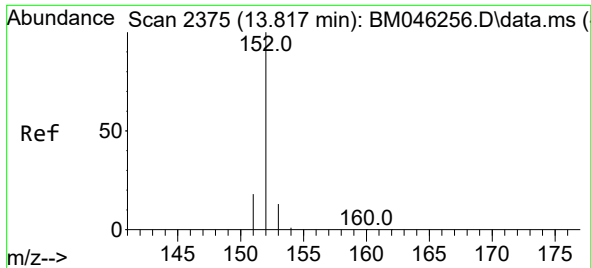
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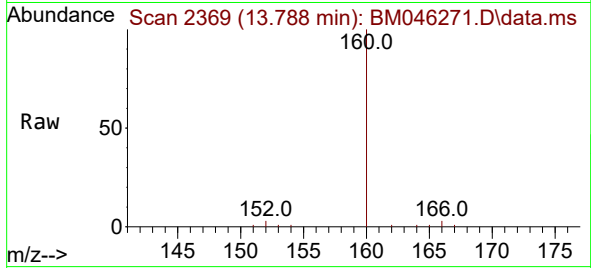
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#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

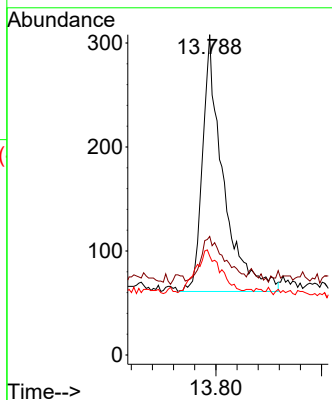
Instrument :
BNA_M
ClientSampleId :
A4CA9DL



Tgt Ion:152 Resp: 668
Ion Ratio Lower Upper
152 100
151 37.0 17.4 26.2
153 30.8 11.8 17.8

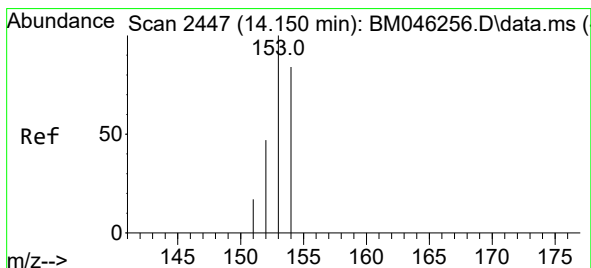
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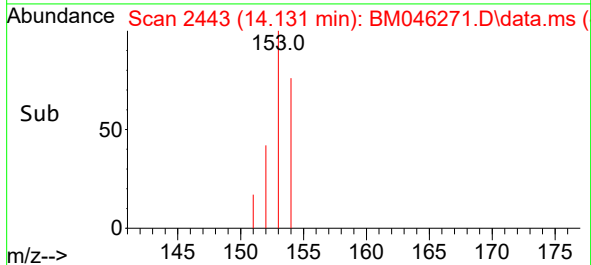
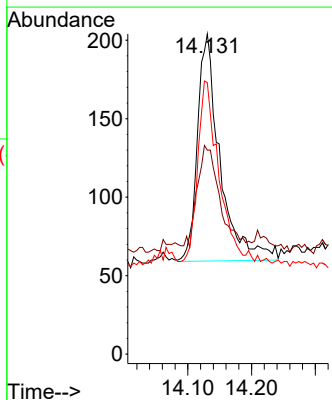
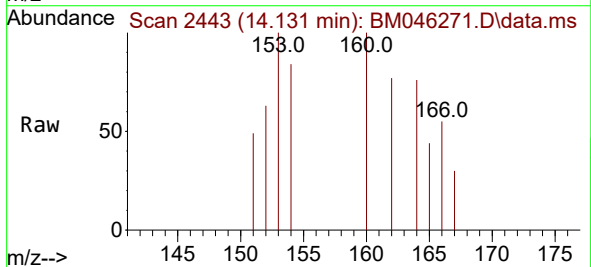
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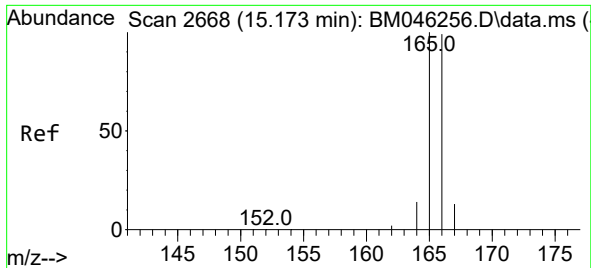
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#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

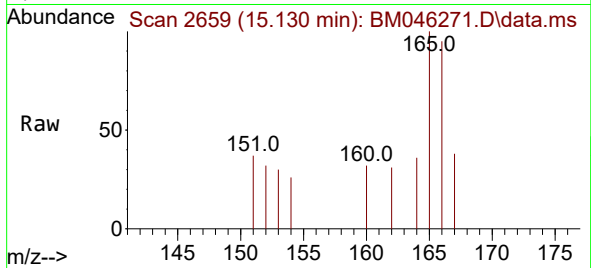
Tgt Ion:153 Resp: 355
Ion Ratio Lower Upper
153 100
152 63.7 41.3 61.9#
154 84.8 68.2 102.4





#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.130 min Scan# 20
Delta R.T. -0.051 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

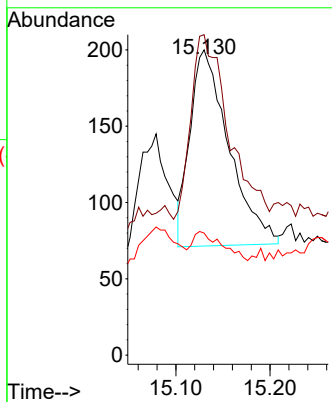
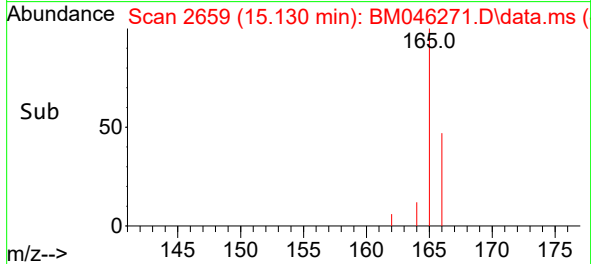
Instrument :
BNA_M
ClientSampleId :
A4CA9DL



Tgt Ion:166 Resp: 369
Ion Ratio Lower Upper
166 100
165 105.0 80.4 120.6
167 40.0 12.4 18.6

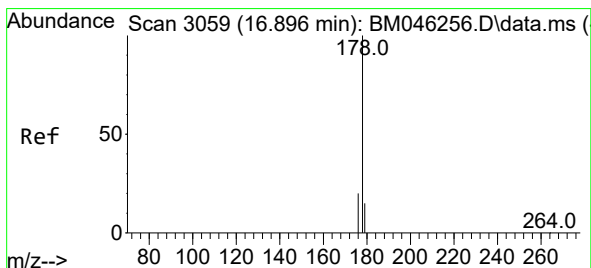
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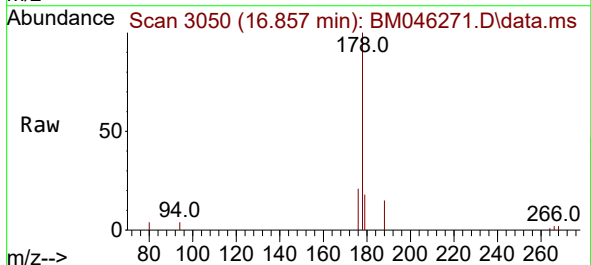


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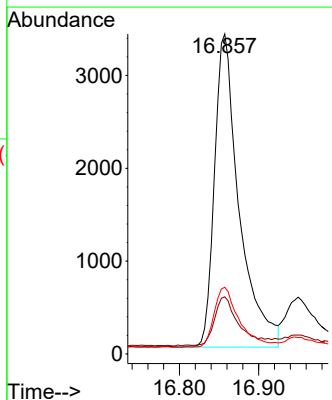
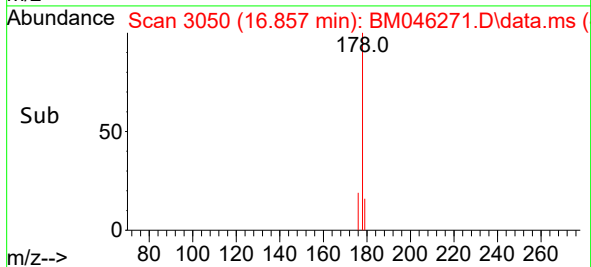
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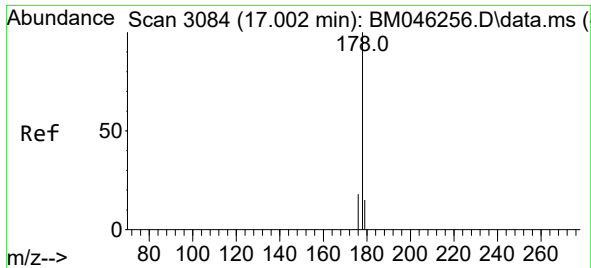


#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 16.857 min Scan# 3050
Delta R.T. -0.046 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00



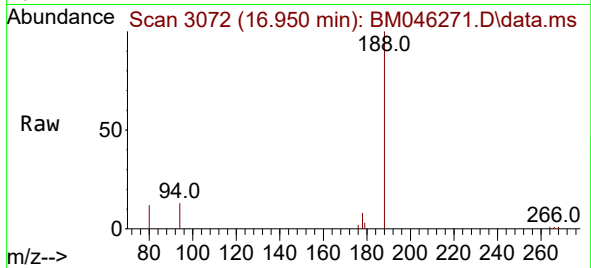
Tgt Ion:178 Resp: 7300
Ion Ratio Lower Upper
178 100
179 17.8 14.2 21.2
176 20.9 17.1 25.7





#16
 Anthracene
 Concen: 0.076 ng/ul
 RT: 16.950 min Scan# 3084
 Delta R.T. -0.055 min
 Lab File: BM046271.D
 Acq: 25 Jun 2024 02:00

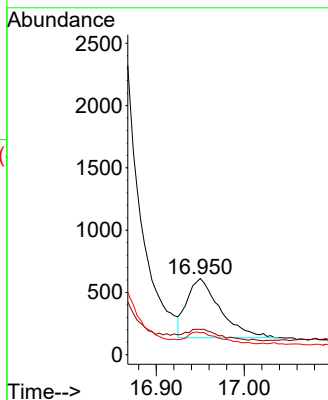
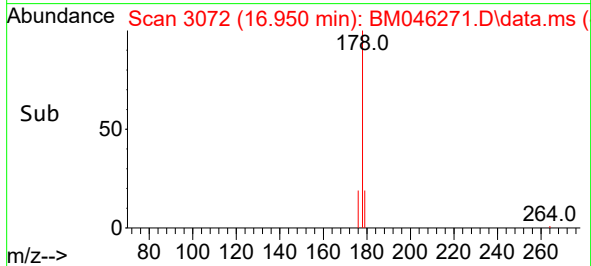
Instrument :
 BNA_M
 ClientSampleId :
 A4CA9DL



Tgt Ion:178 Resp: 124
 Ion Ratio Lower Upper
 178 100
 179 33.2 14.9 22.3
 176 28.8 17.0 25.4

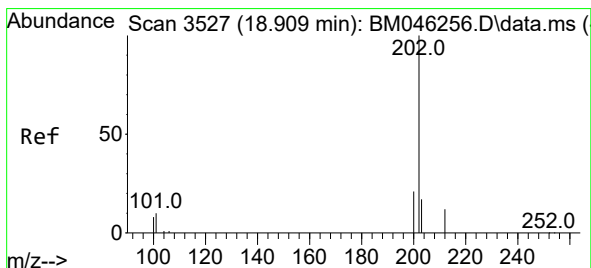
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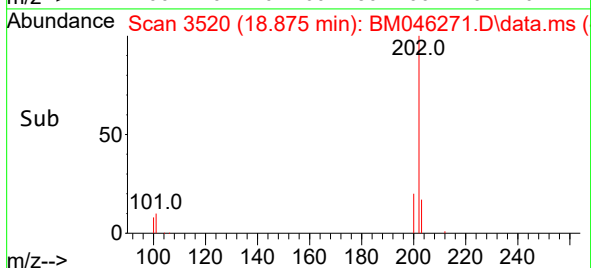
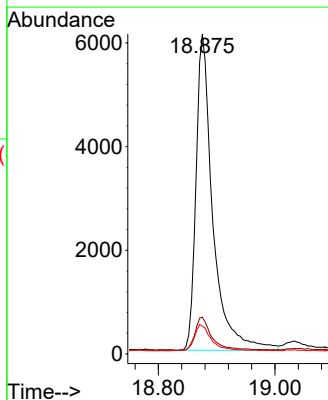
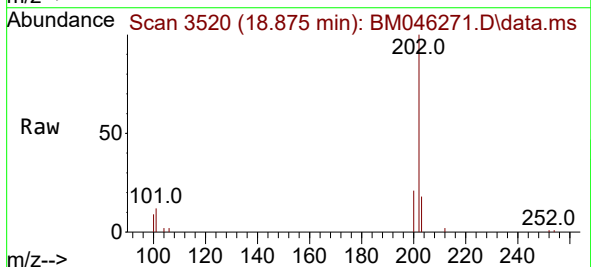
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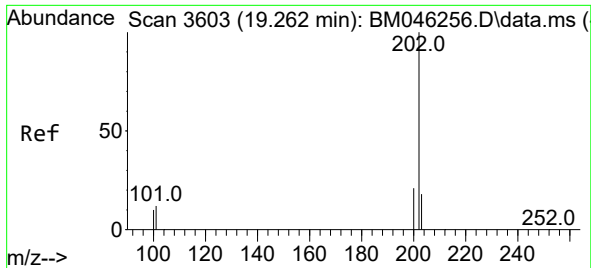
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#19
 Fluoranthene
 Concen: 0.456 ng/ul
 RT: 18.875 min Scan# 3520
 Delta R.T. -0.042 min
 Lab File: BM046271.D
 Acq: 25 Jun 2024 02:00

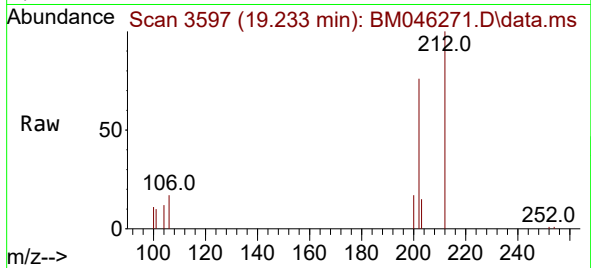
Tgt Ion:202 Resp: 12240
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.6 14.4
 100 8.7 7.6 11.4





#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

Instrument :
BNA_M
ClientSampleId :
A4CA9DL



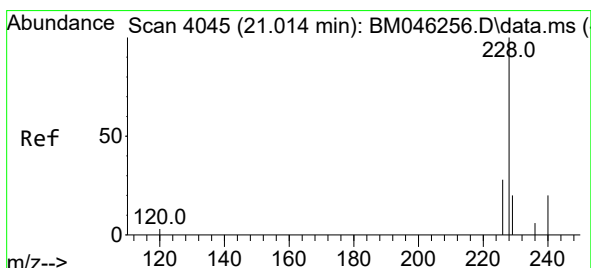
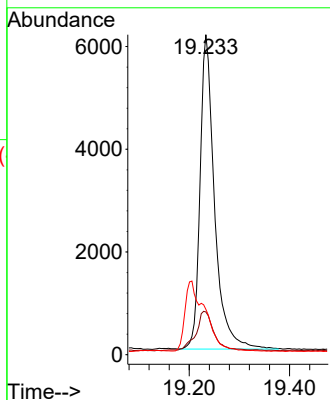
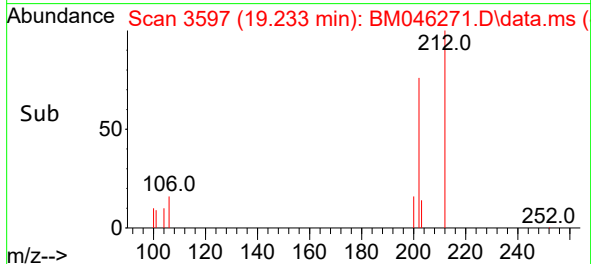
Tgt Ion:202 Resp: 12269
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 14.2 9.8 14.6

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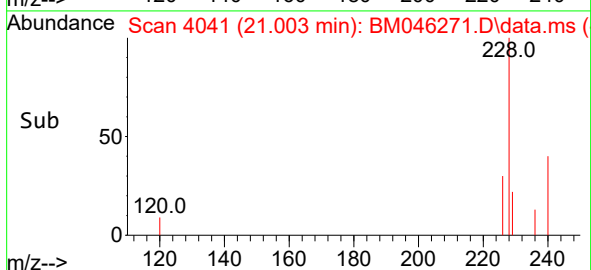
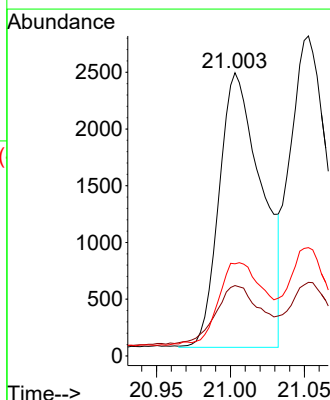
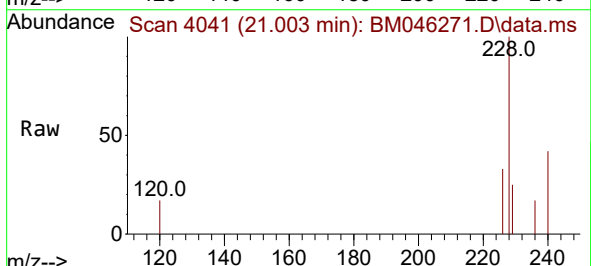
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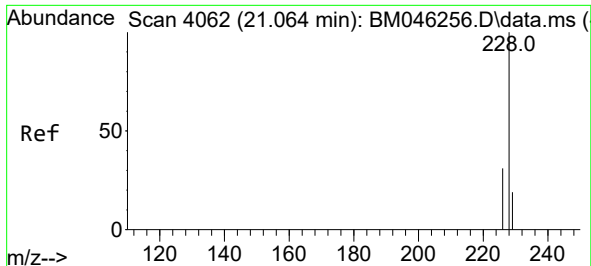
06/27/2024



#21
Benzo(a)anthracene
Concen: 0.202 ng/ul m
RT: 21.003 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

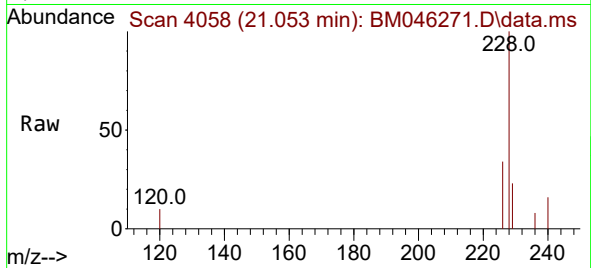
Tgt Ion:228 Resp: 4838
Ion Ratio Lower Upper
228 100
229 24.8 16.4 24.6#
226 32.5 23.4 35.2





#22
Chrysene
Concen: 0.176 ng/ul
RT: 21.053 min Scan# 4062
Delta R.T. -0.023 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

Instrument :
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ClientSampleId :
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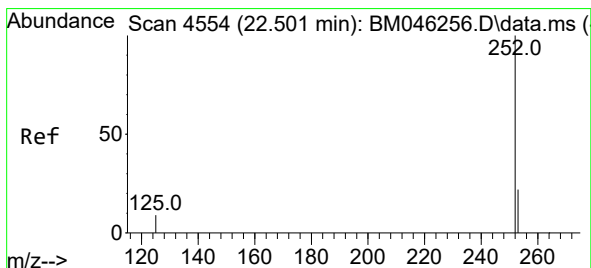
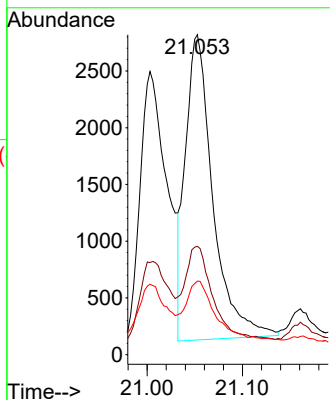
Tgt Ion:228 Resp: 5379
Ion Ratio Lower Upper
228 100
226 33.9 25.2 37.8
229 23.0 16.3 24.5

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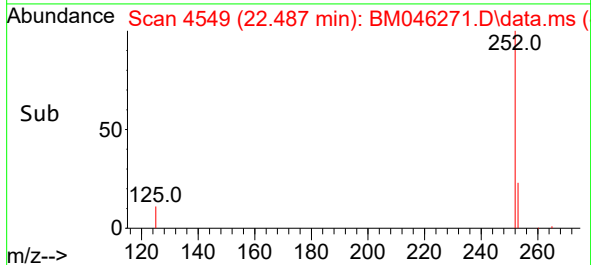
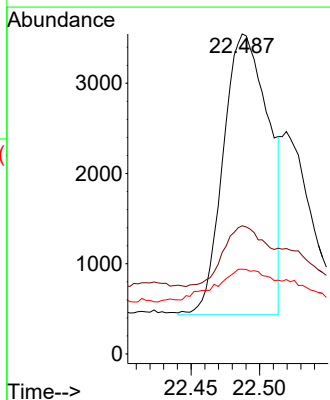
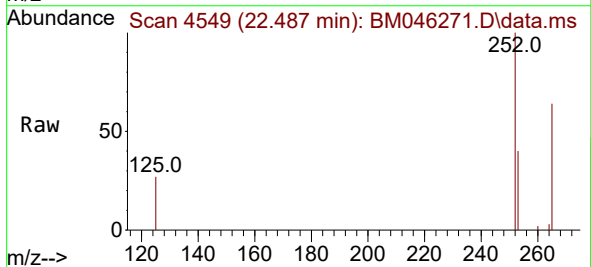
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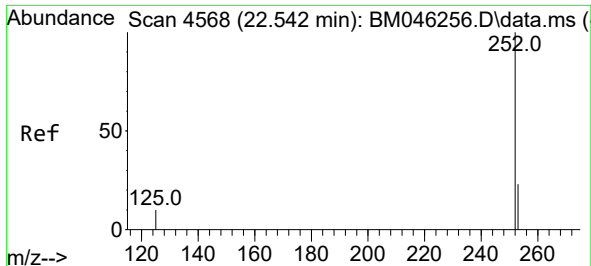
06/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

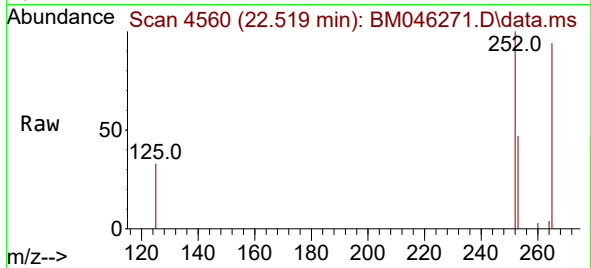
Tgt Ion:252 Resp: 7177
Ion Ratio Lower Upper
252 100
253 40.1 0.0 65.8
125 26.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 22.519 min Scan# 4
Delta R.T. -0.044 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

Instrument :
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ClientSampleId :
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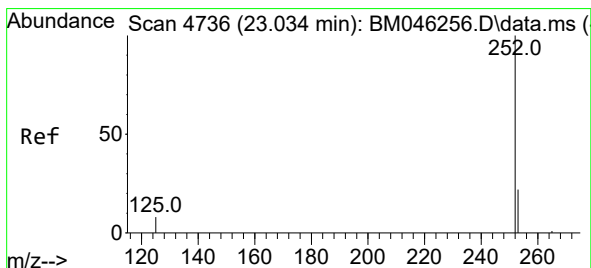
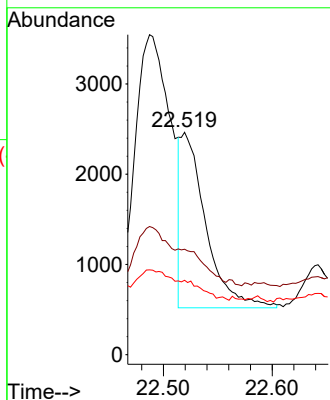
Tgt Ion:252 Resp: 3128
Ion Ratio Lower Upper
252 100
253 47.4 27.2 40.8
125 33.5 16.6 25.0

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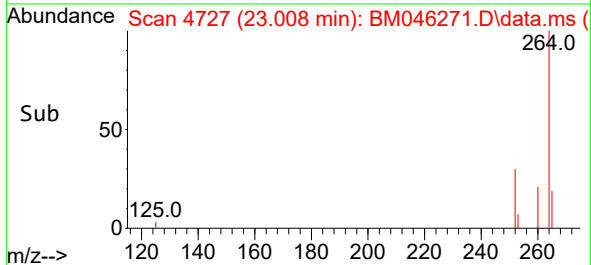
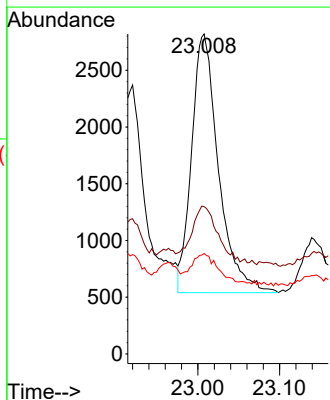
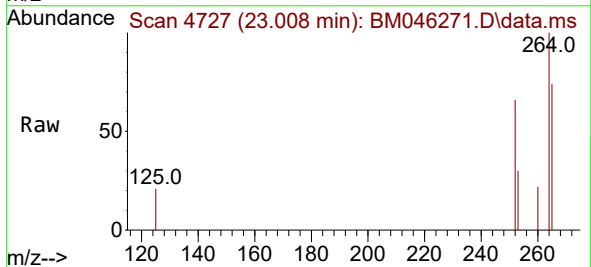
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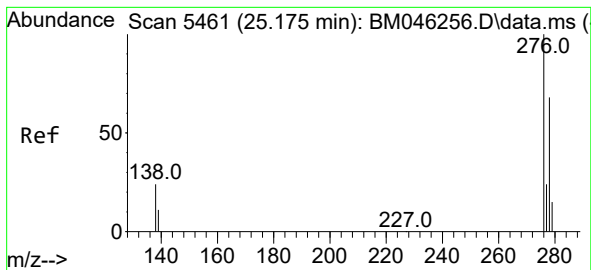
06/27/2024



#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.008 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

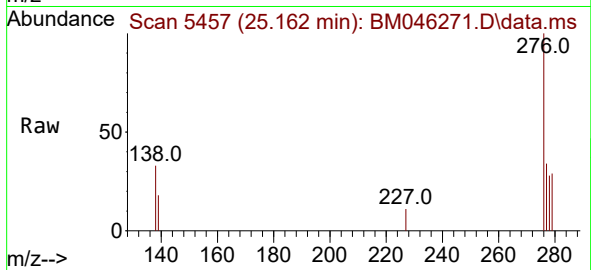
Tgt Ion:252 Resp: 5219
Ion Ratio Lower Upper
252 100
253 46.0 32.1 48.1
125 31.4 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.040 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

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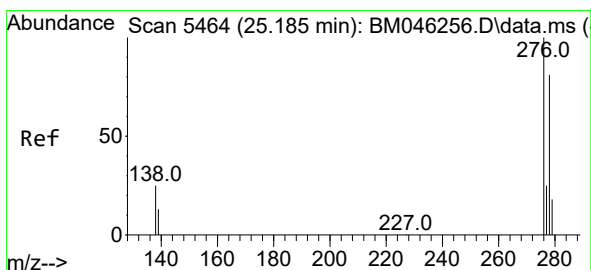
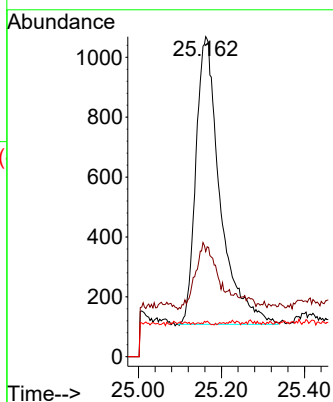
Tgt Ion:276 Resp: 3878
Ion Ratio Lower Upper
276 100
138 24.5 21.0 31.4
227 0.3 0.0 0.0

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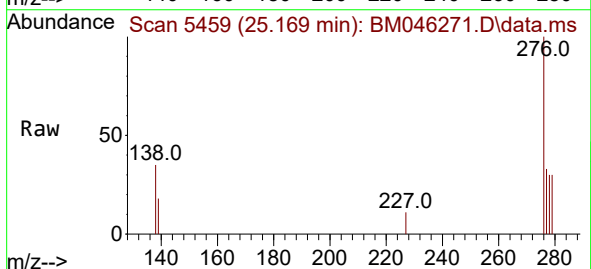
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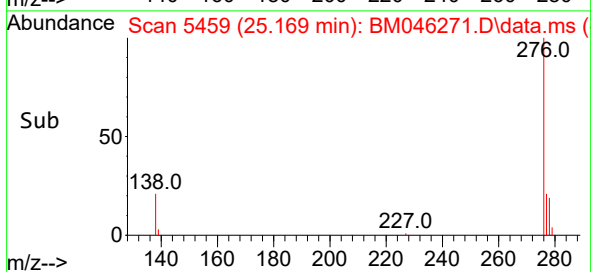
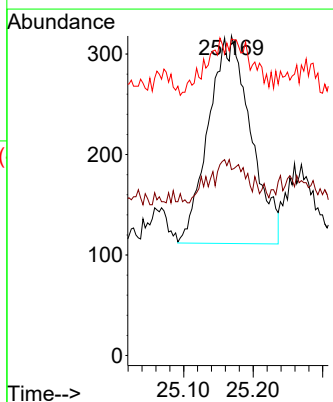
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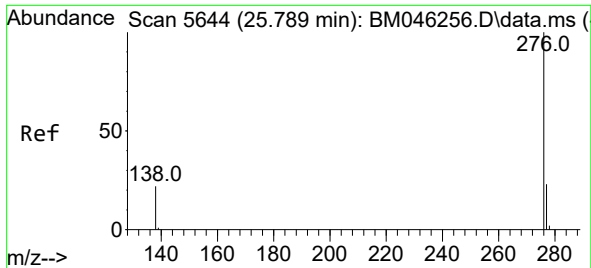


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.169 min Scan# 5459
Delta R.T. -0.047 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00



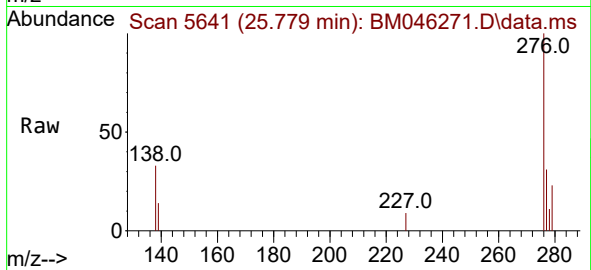
Tgt Ion:278 Resp: 874
Ion Ratio Lower Upper
278 100
139 58.2 17.6 26.4#
279 99.1 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 25.779 min Scan# 50
Delta R.T. -0.050 min
Lab File: BM046271.D
Acq: 25 Jun 2024 02:00

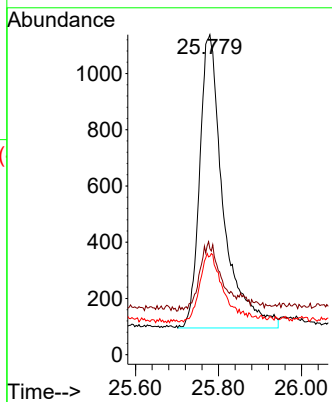
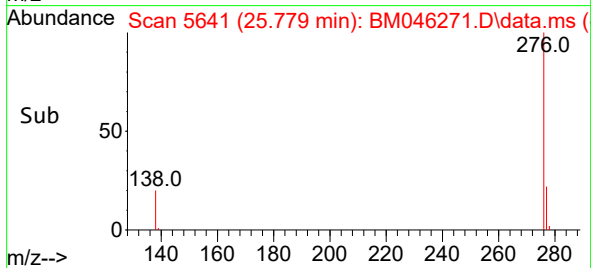
Instrument :
BNA_M
ClientSampleId :
A4CA9DL



Tgt Ion:276 Resp: 412
Ion Ratio Lower Upper
276 100
138 33.1 21.7 32.5
277 30.8 20.4 30.6

Manual Integrations
APPROVED

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



06/25/2024
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ahmed
06/27/2024