

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046824.D
 Acq On : 26 Jul 2024 11:04
 Operator : MA/JU
 Sample : P3264-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 26 11:49:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	10985	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	6599	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	13636	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	8158	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	9541	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	6707	2.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	2984	0.171	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	6029	0.227	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	10544	0.379	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	5272	0.276	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	4698	0.238	ng/ul	98
10) Acenaphthylene	13.830	152	31691	1.049	ng/ul	99
11) Acenaphthene	14.177	153	36574	1.783	ng/ul	100
12) Fluorene	15.176	166	56487	2.203	ng/ul	97
14) Pentachlorophenol	16.532	266	150	0.024	ng/ul	93
15) Phenanthrene	16.916	178	1022893	26.099	ng/ul	97
16) Anthracene	17.005	178	188218	5.159	ng/ul	99
19) Fluoranthene	18.945	202	1488546	41.546	ng/ul	100
20) Pyrene	19.308	202	898296	24.237	ng/ul	99
21) Benzo(a)anthracene	21.070	228	504358	14.836	ng/ul	99
22) Chrysene	21.120	228	476493	13.798	ng/ul	98
24) Benzo(b)fluoranthene	22.590	252	628085m	14.994	ng/ul	
25) Benzo(k)fluoranthene	22.625	252	197278m	4.674	ng/ul	
26) Benzo(a)pyrene	23.122	252	218412	7.263	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.320	276	202419	4.374	ng/ul	98
28) Dibenzo(a,h)anthracene	25.323	278	68679	2.027	ng/ul	96
29) Benzo(g,h,i)perylene	25.960	276	30403	0.746	ng/ul#	94

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

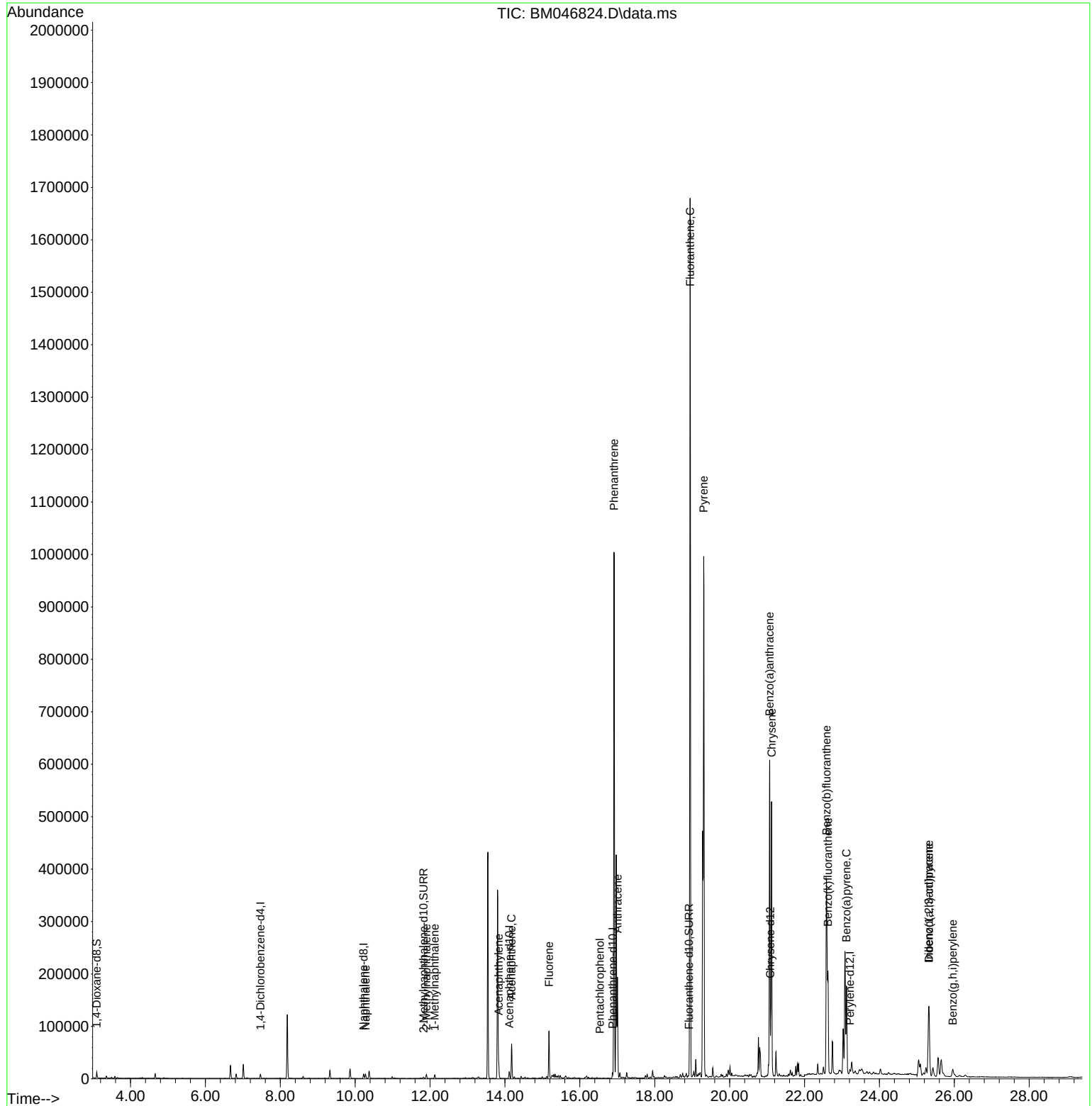
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046824.D
Acq On : 26 Jul 2024 11:04
Operator : MA/JU
Sample : P3264-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

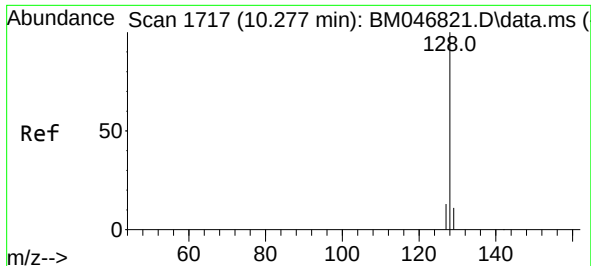
Instrument :
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A4CL8

Manual Integrations
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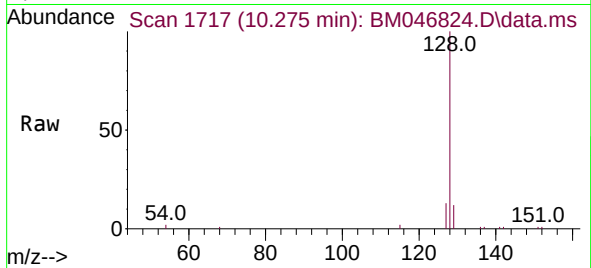
Quant Time: Jul 26 11:49:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

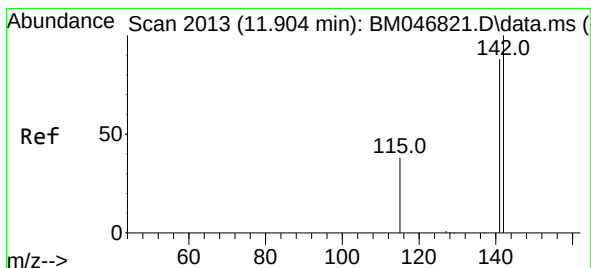
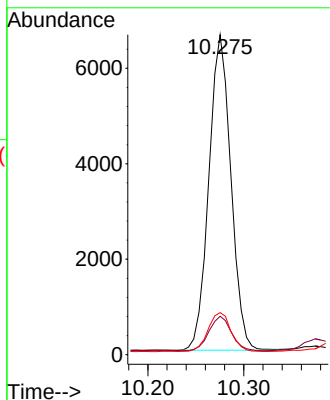
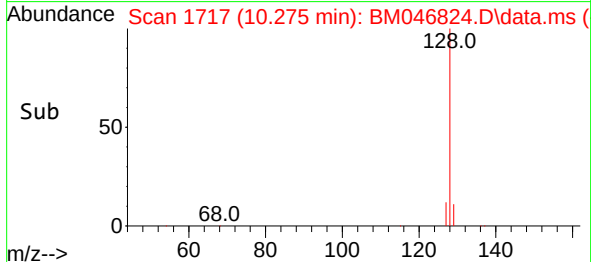
Instrument :
BNA_M
ClientSampleId :
A4CL8



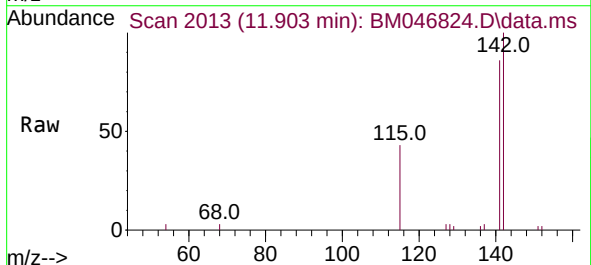
Tgt Ion:128 Resp: 10544
Ion Ratio Lower Upper
128 100
129 12.0 10.1 15.1
127 13.2 11.5 17.3

Manual Integrations
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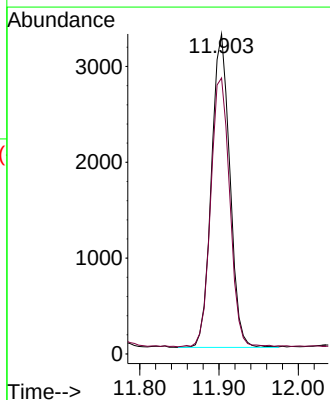
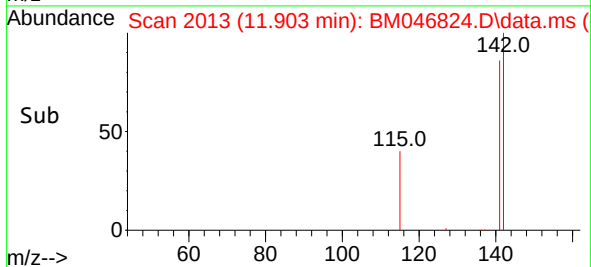
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

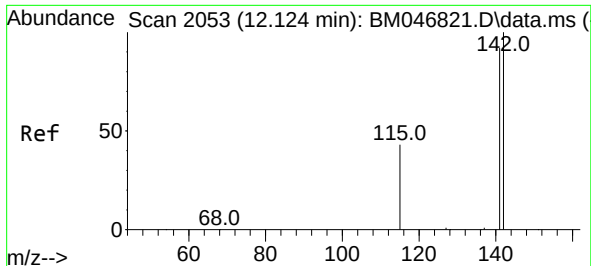


#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04



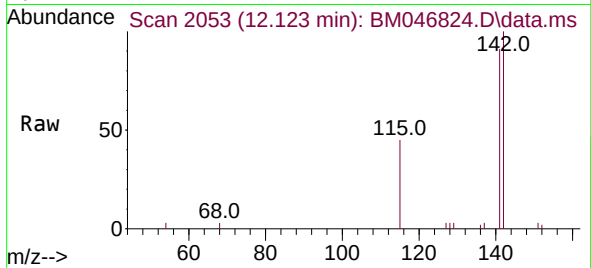
Tgt Ion:142 Resp: 5272
Ion Ratio Lower Upper
142 100
141 88.6 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

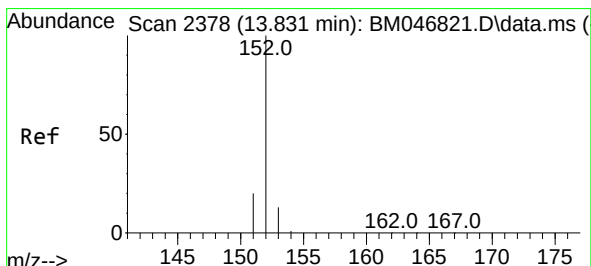
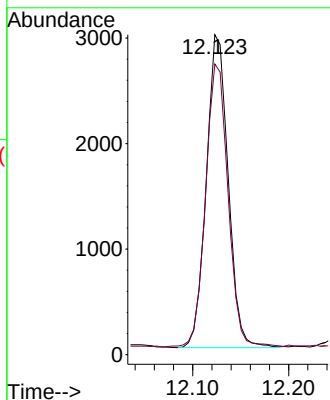
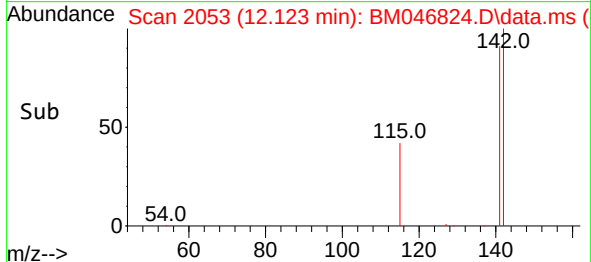
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 4698
Ion Ratio Lower Upper
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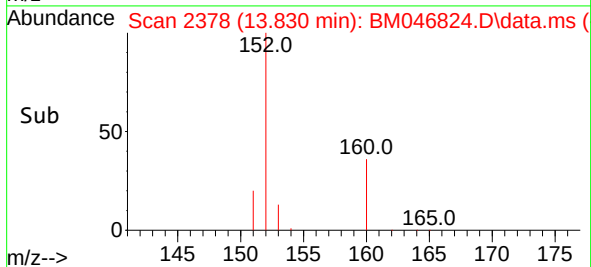
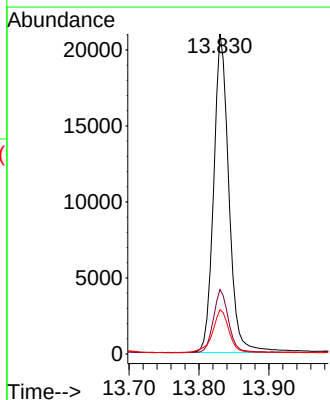
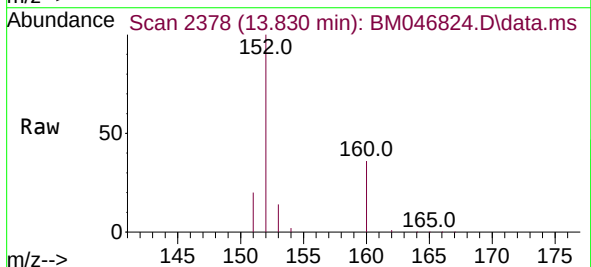
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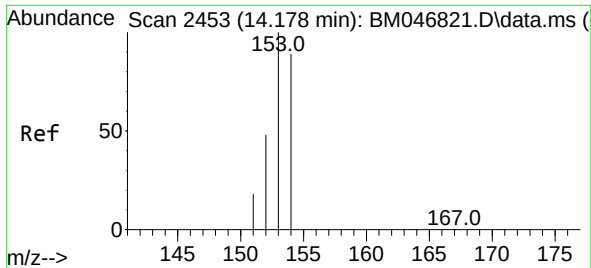
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 1.049 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

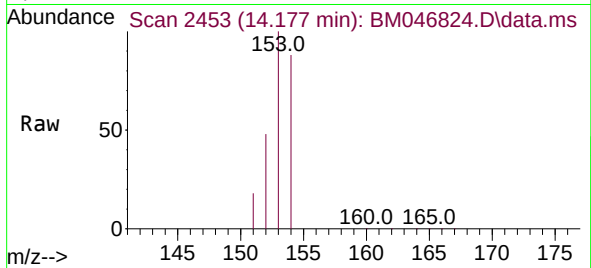
Tgt Ion:152 Resp: 31691
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.8 11.0 16.6





#11
Acenaphthene
Concen: 1.783 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

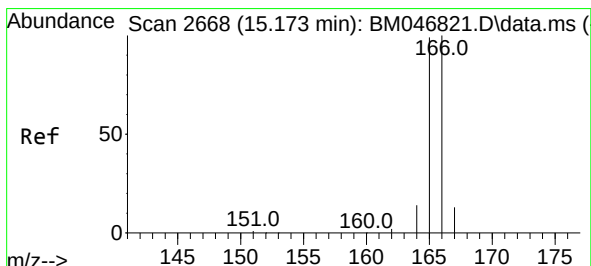
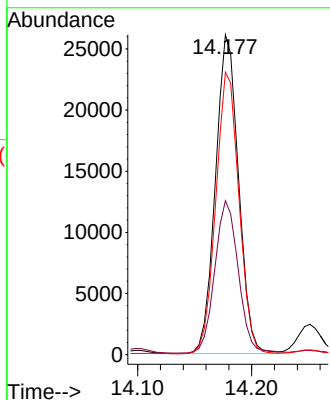
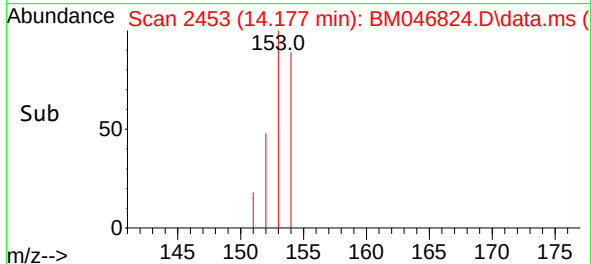
Instrument :
BNA_M
ClientSampleId :
A4CL8



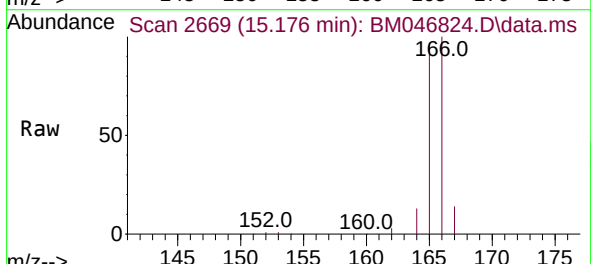
Tgt Ion:153 Resp: 36574
Ion Ratio Lower Upper
153 100
152 48.1 38.6 57.8
154 88.3 70.8 106.2

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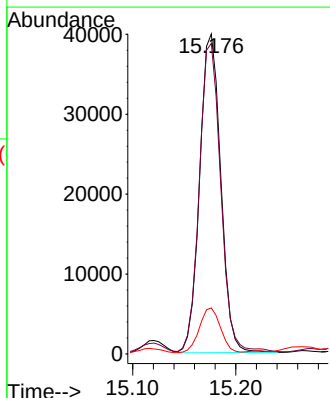
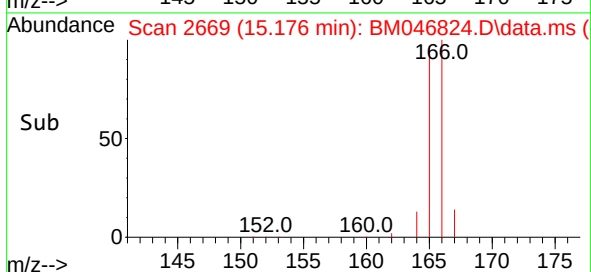
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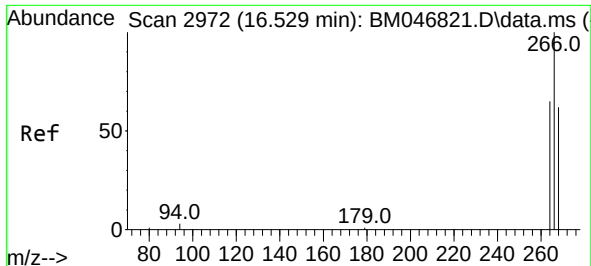


#12
Fluorene
Concen: 2.203 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04



Tgt Ion:166 Resp: 56487
Ion Ratio Lower Upper
166 100
165 97.1 79.8 119.6
167 14.4 12.3 18.5





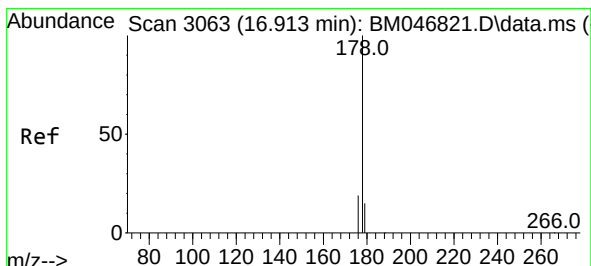
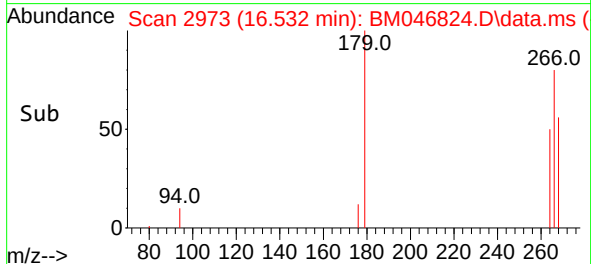
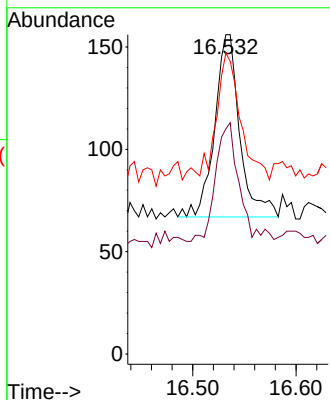
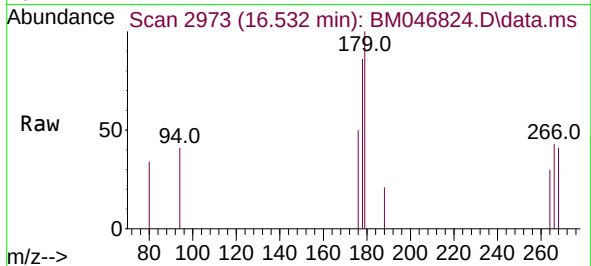
#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

Instrument :
BNA_M
ClientSampleId :
A4CL8

Tgt Ion:266 Resp: 150
Ion Ratio Lower Upper
266 100
264 69.3 51.1 76.7
268 70.7 51.8 77.6

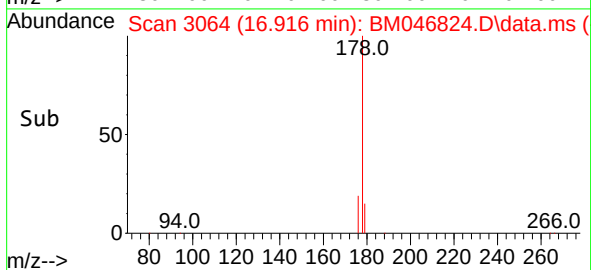
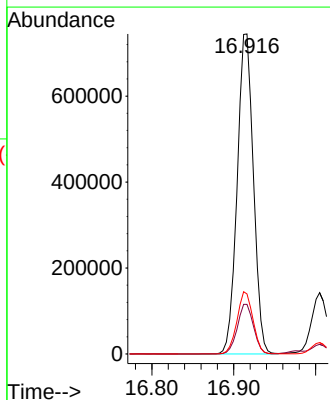
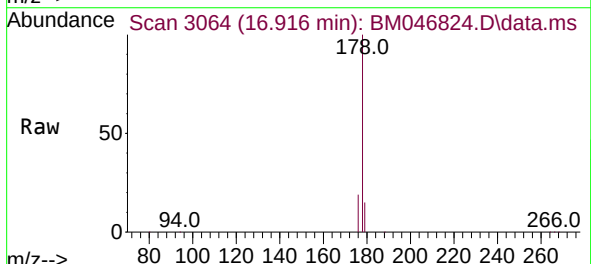
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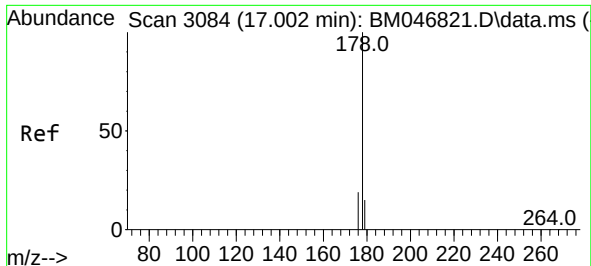
Reviewed By :Yogesh Patel 07/27/2024
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#15
Phenanthrene
Concen: 26.099 ng/ul
RT: 16.916 min Scan# 3064
Delta R.T. 0.003 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

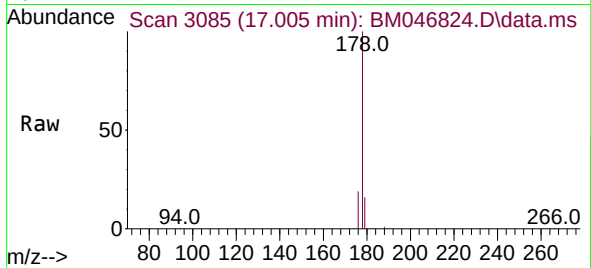
Tgt Ion:178 Resp: 1022893
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.7 16.1 24.1





#16
 Anthracene
 Concen: 5.159 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046824.D
 Acq: 26 Jul 2024 11:04

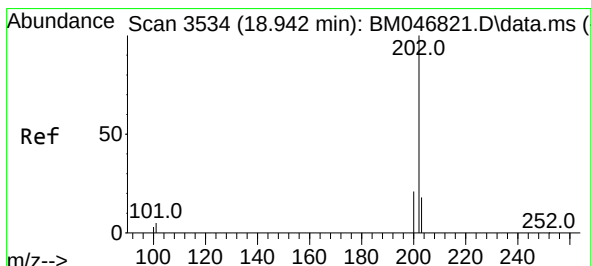
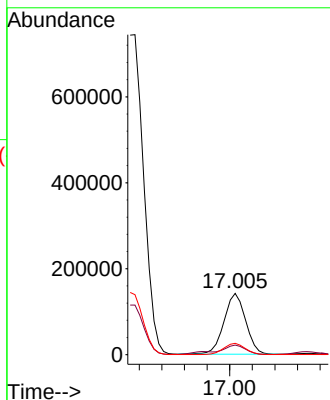
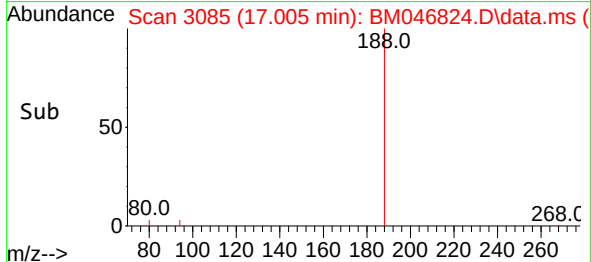
Instrument :
 BNA_M
 ClientSampleId :
 A4CL8



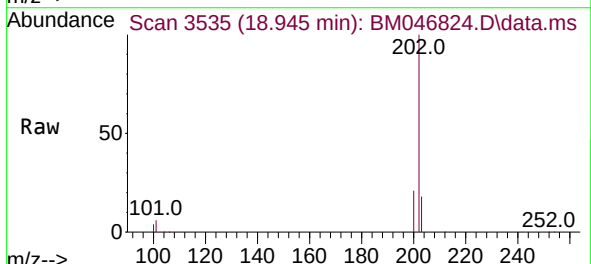
Tgt Ion:178 Resp: 188218
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.1 19.7
 176 18.6 15.0 22.6

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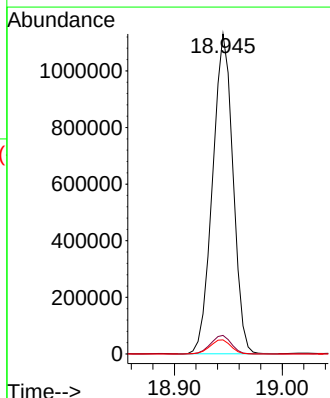
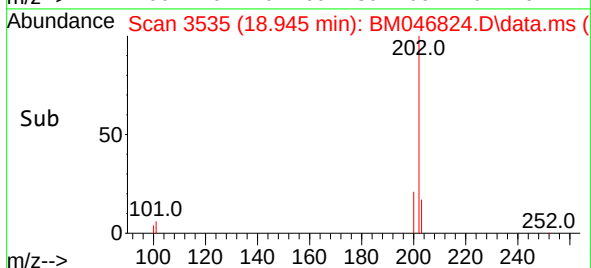
Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

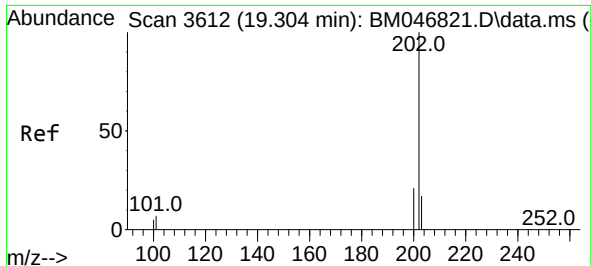


#19
 Fluoranthene
 Concen: 41.546 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046824.D
 Acq: 26 Jul 2024 11:04



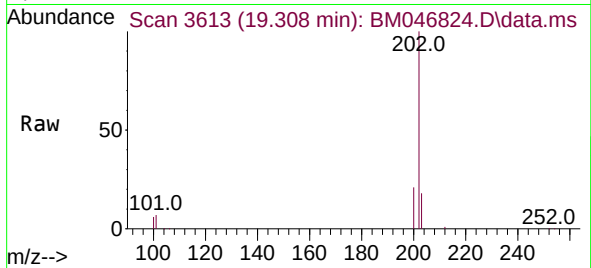
Tgt Ion:202 Resp: 1488546
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.7 7.1
 100 4.4 3.4 5.2





#20
Pyrene
Concen: 24.237 ng/ul
RT: 19.308 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

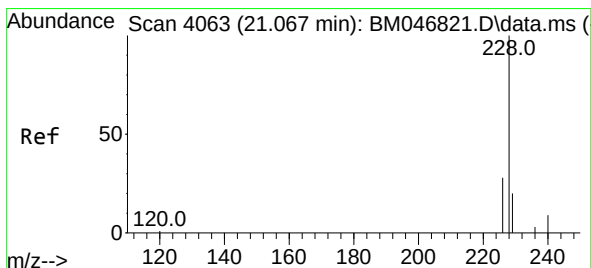
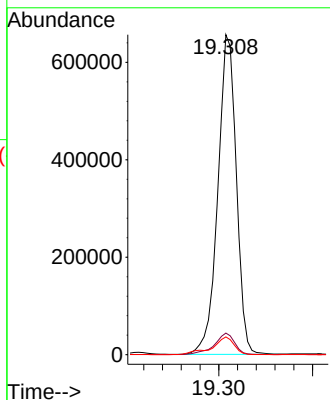
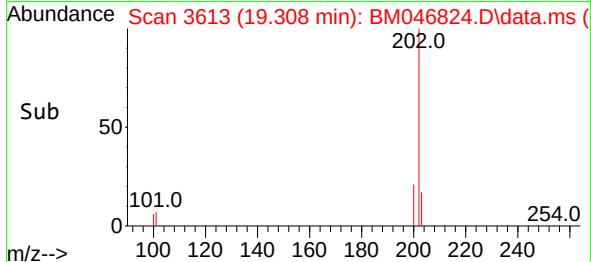
Instrument :
BNA_M
ClientSampleId :
A4CL8



Tgt Ion:202 Resp: 898290
Ion Ratio Lower Upper
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101 6.8 5.2 7.8
100 5.5 4.3 6.5

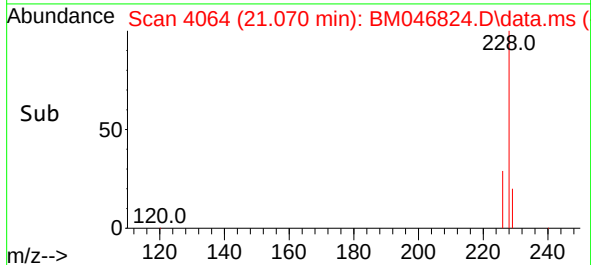
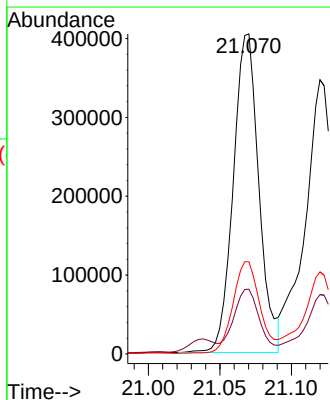
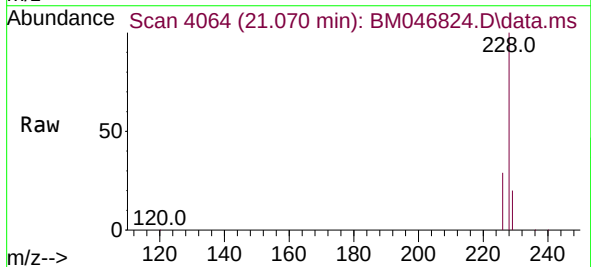
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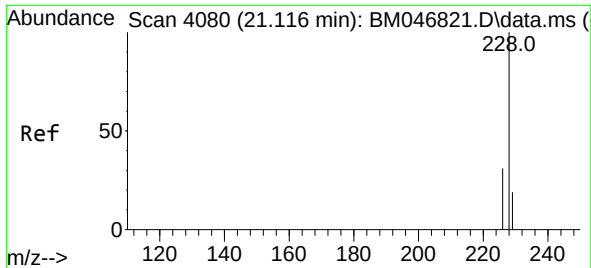
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 14.836 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. 0.006 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

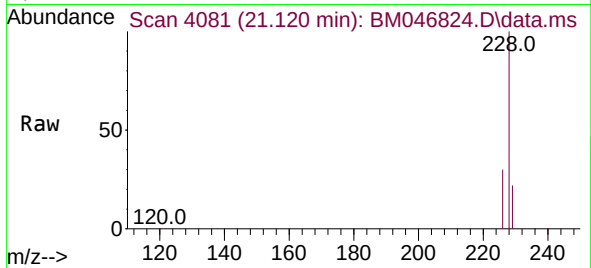
Tgt Ion:228 Resp: 504358
Ion Ratio Lower Upper
228 100
229 20.3 16.3 24.5
226 28.8 22.3 33.5





#22
Chrysene
Concen: 13.798 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

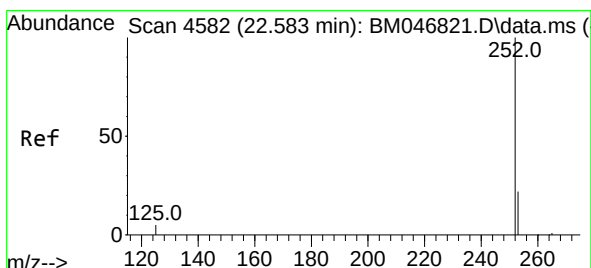
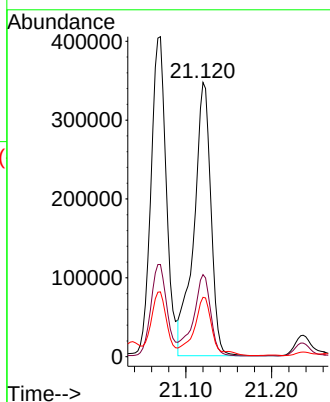
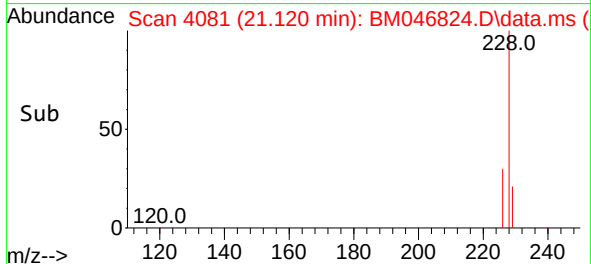
Instrument :
BNA_M
ClientSampleId :
A4CL8



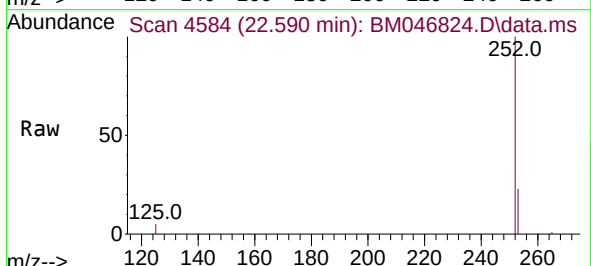
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Ion Ratio Lower Upper
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226 30.0 24.5 36.7
229 21.7 16.2 24.2

Manual Integrations
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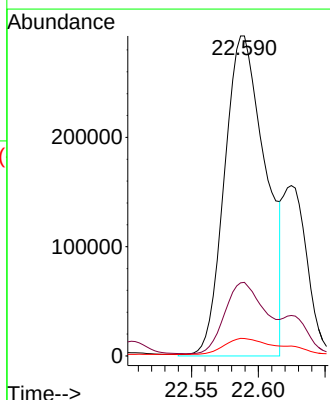
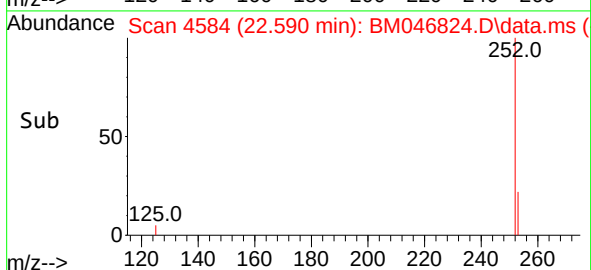
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

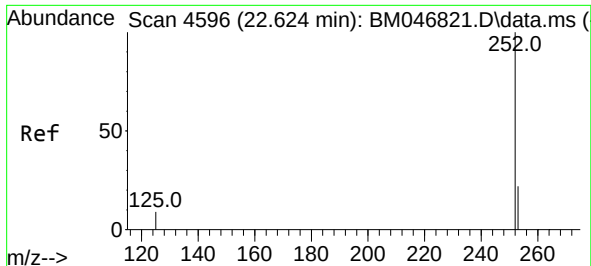


#24
Benzo(b)fluoranthene
Concen: 14.994 ng/ul m
RT: 22.590 min Scan# 4584
Delta R.T. 0.009 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04



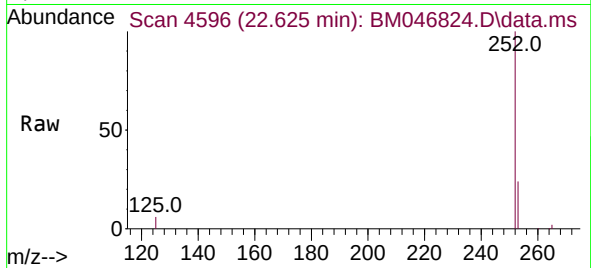
Tgt Ion:252 Resp: 628085
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.4
125 5.5 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 4.674 ng/ul m
RT: 22.625 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

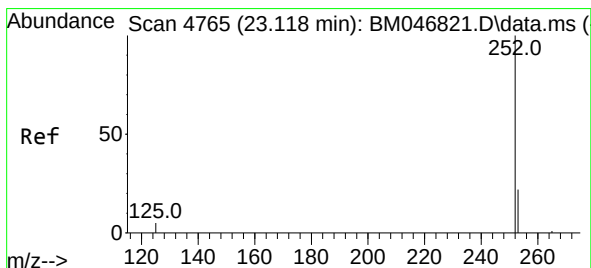
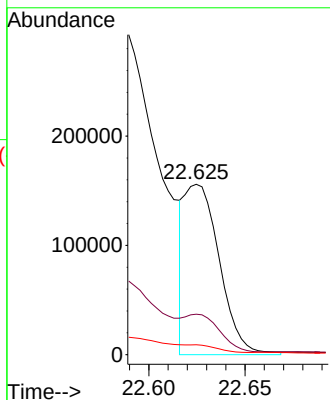
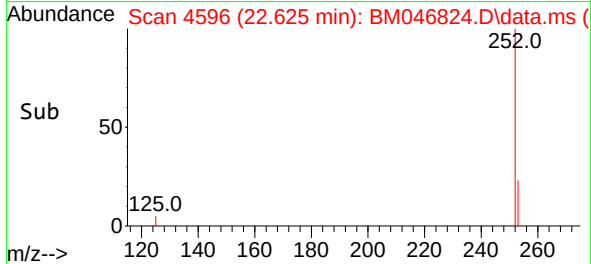
Instrument :
BNA_M
ClientSampleId :
A4CL8



Tgt Ion:252 Resp: 197278
Ion Ratio Lower Upper
252 100
253 23.8 23.5 35.3
125 5.8 8.6 13.0

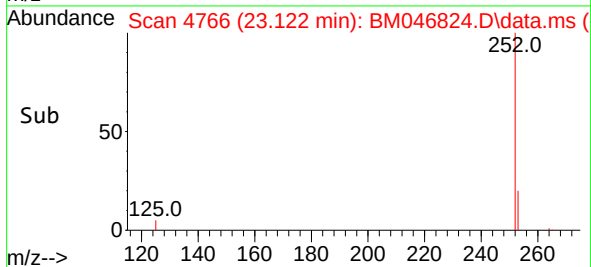
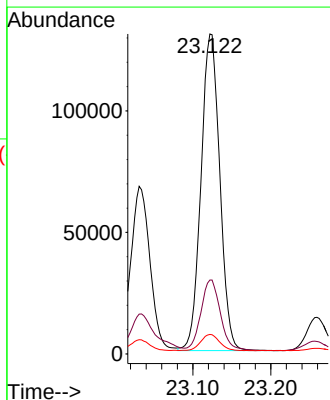
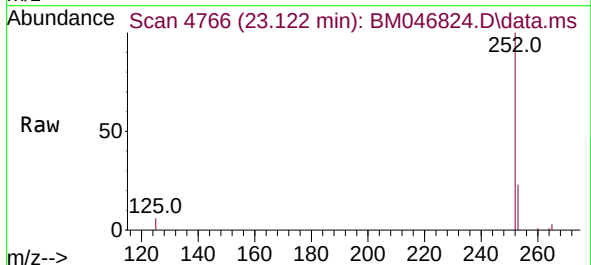
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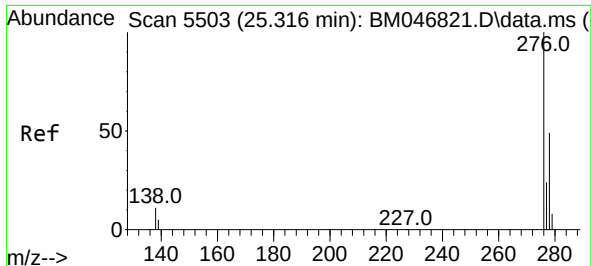
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 7.263 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

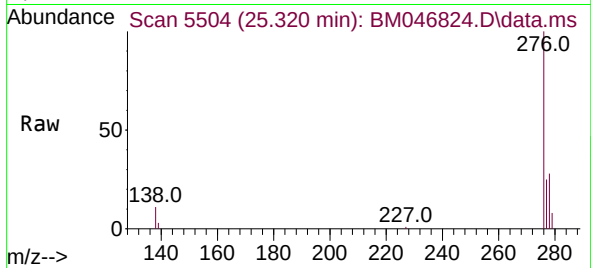
Tgt Ion:252 Resp: 218412
Ion Ratio Lower Upper
252 100
253 23.1 26.0 39.0#
125 6.1 7.8 11.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.374 ng/ul
RT: 25.320 min Scan# 5504
Delta R.T. 0.004 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

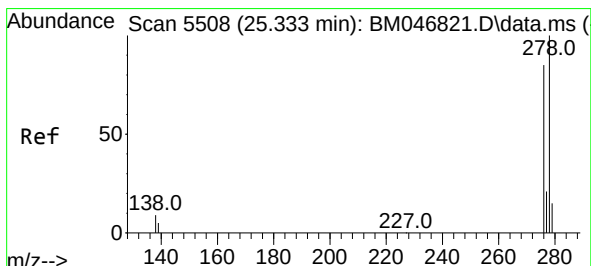
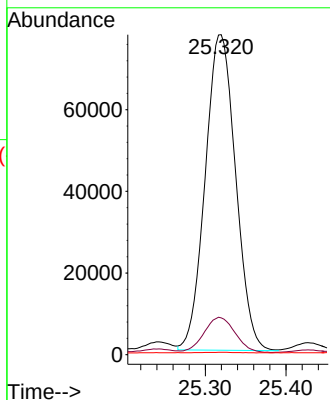
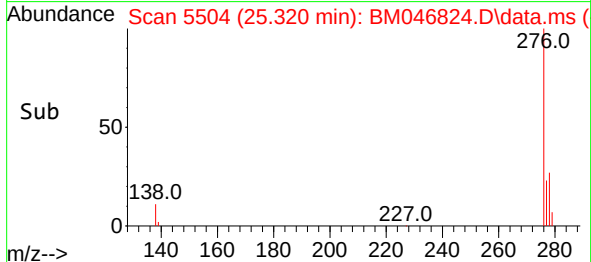
Instrument :
BNA_M
ClientSampleId :
A4CL8



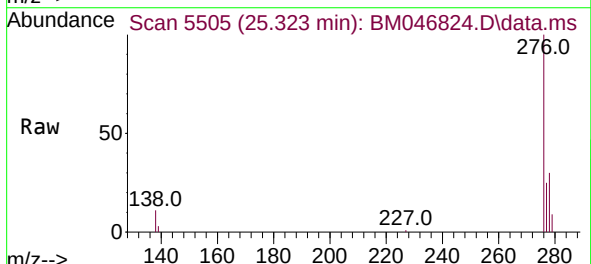
Tgt Ion: 276 Resp: 202419
Ion Ratio Lower Upper
276 100
138 11.3 9.7 14.5
227 0.2 0.2 0.2

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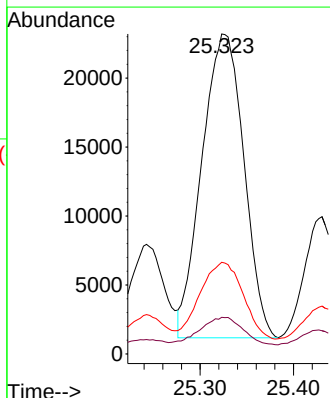
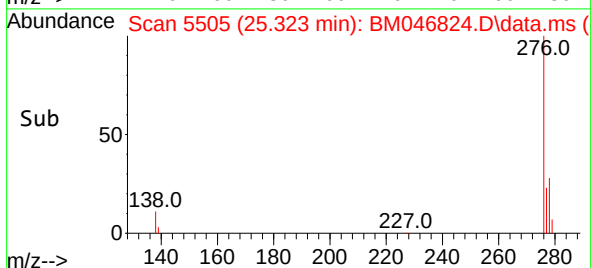
Reviewed By : Yogesh Patel 07/27/2024
Supervised By : mohammad ahmed 08/05/2024

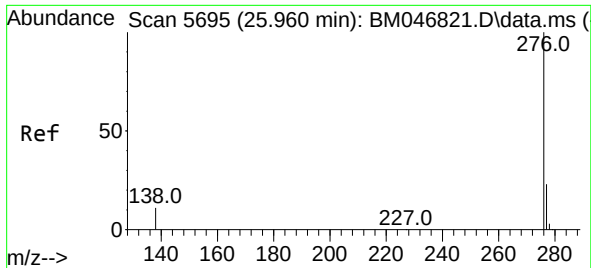


#28
Dibenzo(a,h)anthracene
Concen: 2.027 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. -0.010 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04



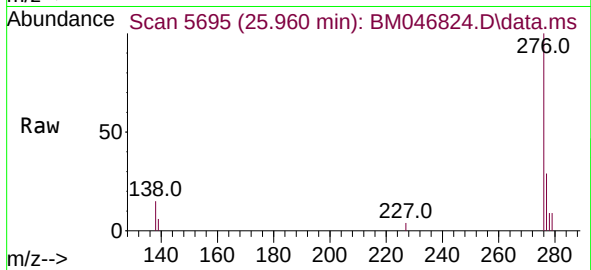
Tgt Ion: 278 Resp: 68679
Ion Ratio Lower Upper
278 100
139 11.4 9.8 14.8
279 28.7 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.746 ng/ul
RT: 25.960 min Scan# 50
Delta R.T. 0.007 min
Lab File: BM046824.D
Acq: 26 Jul 2024 11:04

Instrument :
BNA_M
ClientSampleId :
A4CL8



Tgt Ion:276 Resp: 3040
Ion Ratio Lower Upper
276 100
138 14.7 9.5 14.3
277 28.6 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

