

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046228.D
 Acq On : 23 Jun 2024 10:47
 Operator : MA/JU
 Sample : P2776-20
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C73

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:29:40 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	7.405	152	2793	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.171	136	8640	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.052	164	4961	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.794	188	10745m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.000	240	7203m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	10267	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12334	3.219	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.782	152	3218	0.277	ng/ul	-0.08
18) Fluoranthene-d10	18.829	212	7394	0.343	ng/ul	-0.06
Target Compounds						
					Qvalue	
5) Naphthalene	10.220	128	18880	0.784	ng/ul	94
7) 2-Methylnaphthalene	11.859	142	7014	0.517	ng/ul	97
8) 1-Methylnaphthalene	12.074	142	5859	0.394	ng/ul	99
10) Acenaphthylene	13.770	152	37331	1.586	ng/ul	97
11) Acenaphthene	14.112	153	24490	1.442	ng/ul	98
12) Fluorene	15.107	166	29948	1.643	ng/ul	99
14) Pentachlorophenol	16.481	266	126	0.039	ng/ul	93
15) Phenanthrene	16.836	178	657128m	21.768	ng/ul	
16) Anthracene	16.929	178	121621m	5.409	ng/ul	
19) Fluoranthene	18.861	202	1353809	43.408	ng/ul	96
20) Pyrene	19.224	202	934036	27.693	ng/ul	96
21) Benzo(a)anthracene	20.983	228	574171m	20.637	ng/ul	
22) Chrysene	21.035	228	595656	16.776	ng/ul	98
24) Benzo(b)fluoranthene	22.479	252	845781m	22.865	ng/ul	
25) Benzo(k)fluoranthene	22.514	252	279185m	6.349	ng/ul	
26) Benzo(a)pyrene	23.002	252	308235m	8.993	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.132	276	298732	5.325	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.132	278	101021	2.419	ng/ul	93
29) Benzo(g,h,i)perylene	25.756	276	45169	0.939	ng/ul	97

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

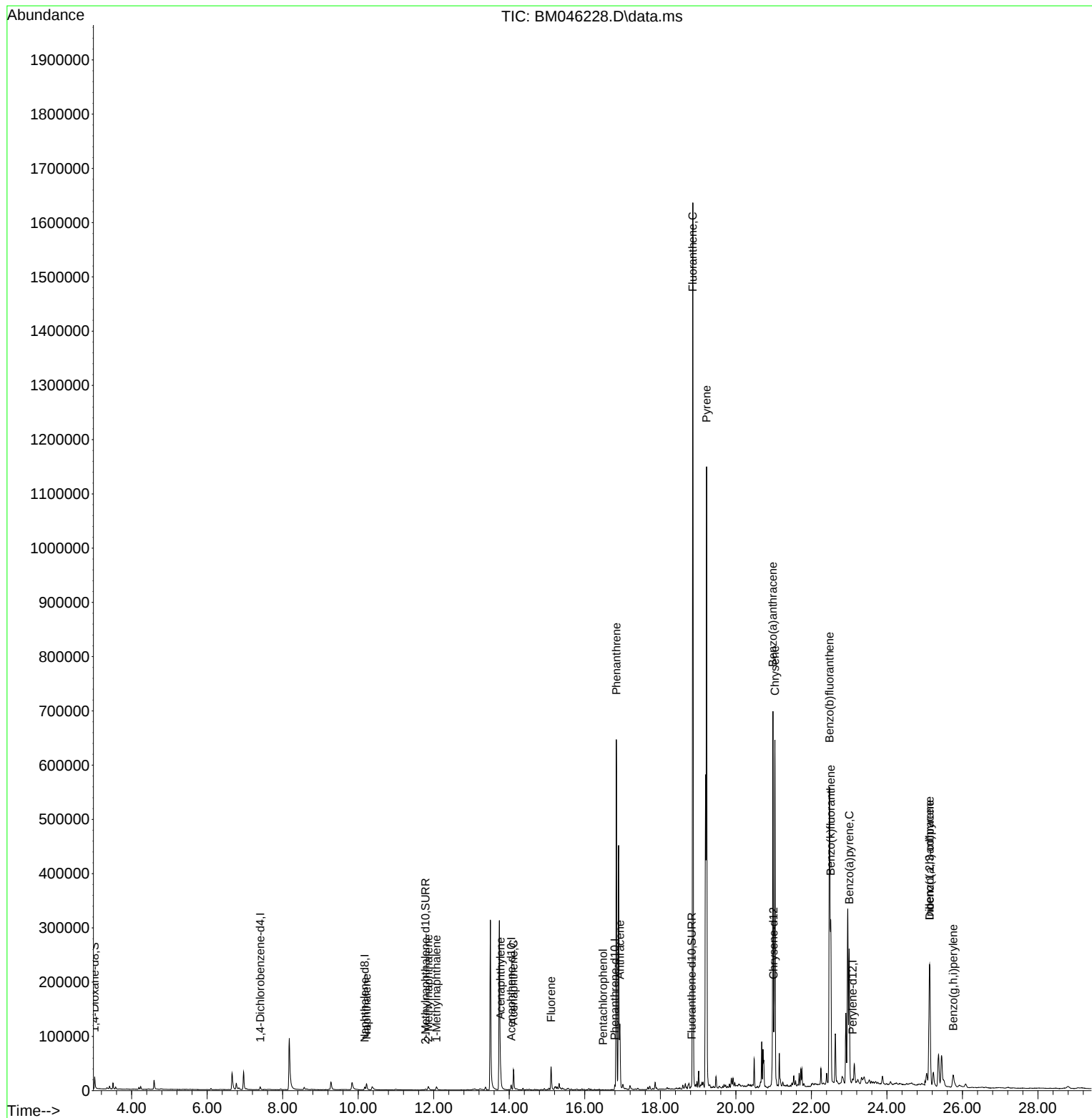
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046228.D
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ALS Vial : 43 Sample Multiplier: 1

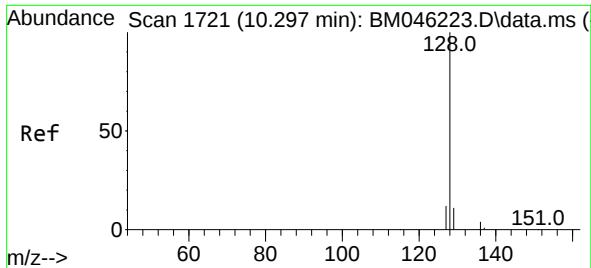
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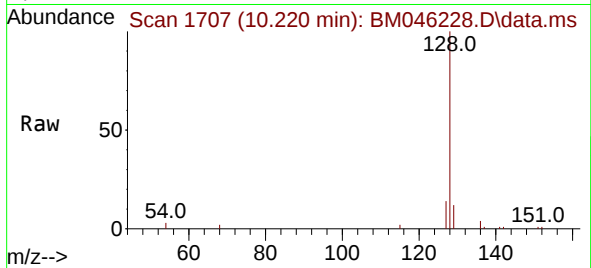
Quant Time: Jun 24 02:29:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.784 ng/ul
RT: 10.220 min Scan# 11
Delta R.T. -0.082 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

Instrument :
BNA_M
ClientSampleId :
A4C73



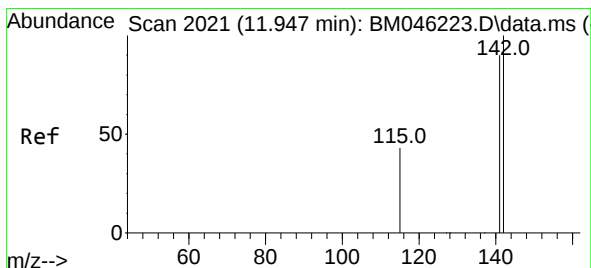
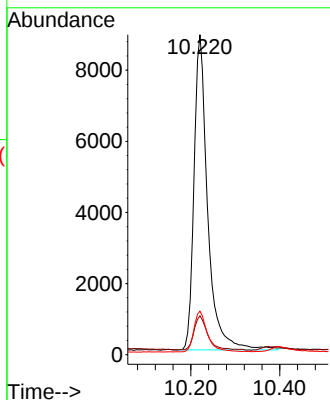
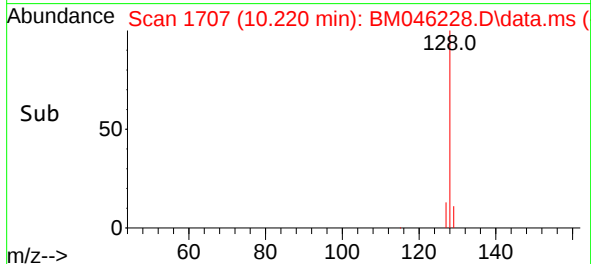
Tgt Ion:128 Resp: 18880
Ion Ratio Lower Upper
128 100
129 12.1 11.8 17.6
127 13.6 12.8 19.2

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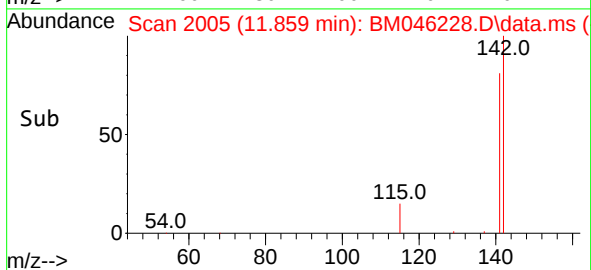
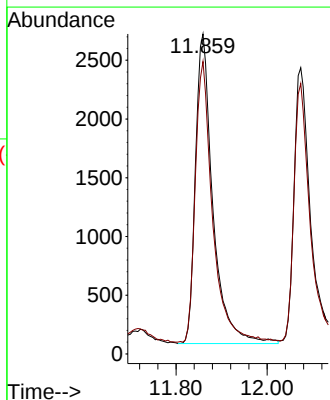
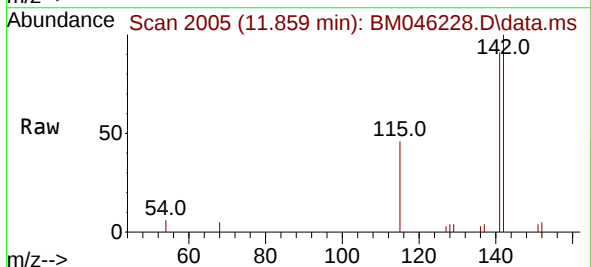
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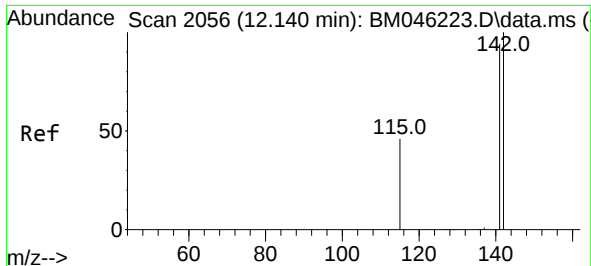
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#7
2-Methylnaphthalene
Concen: 0.517 ng/ul
RT: 11.859 min Scan# 2005
Delta R.T. -0.088 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

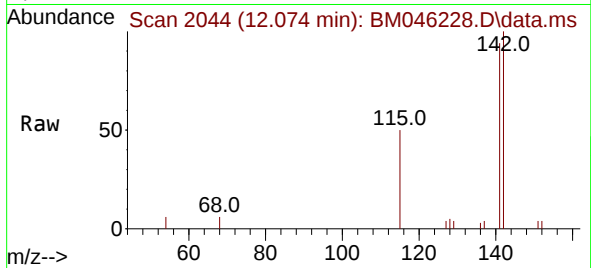
Tgt Ion:142 Resp: 7014
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.074 min Scan# 2056
Delta R.T. -0.077 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

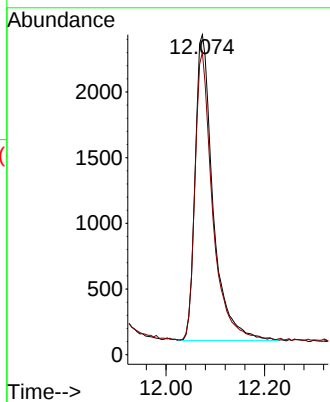
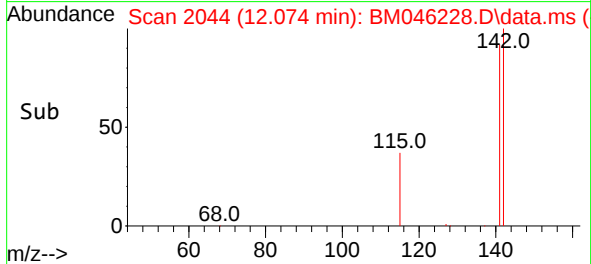
Instrument :
BNA_M
ClientSampleId :
A4C73



Tgt Ion:142 Resp: 585
Ion Ratio Lower Upper
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141 93.2 75.2 112.8

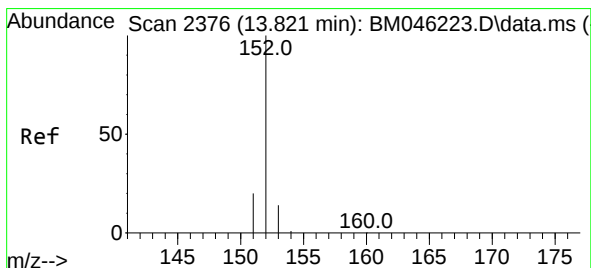
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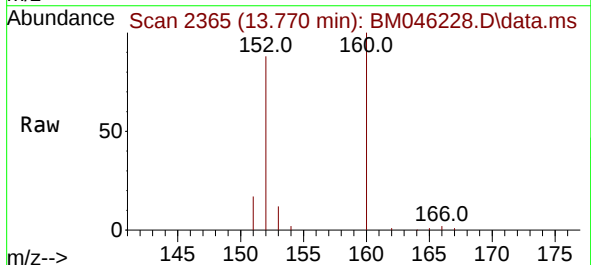


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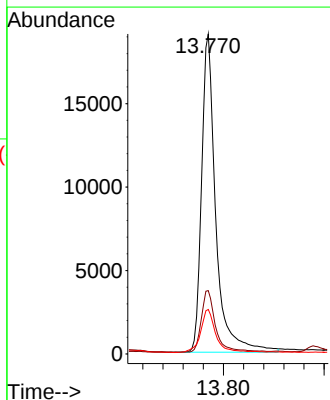
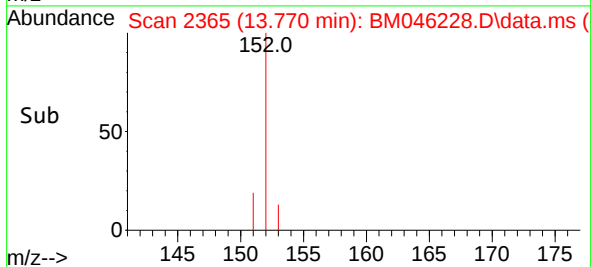
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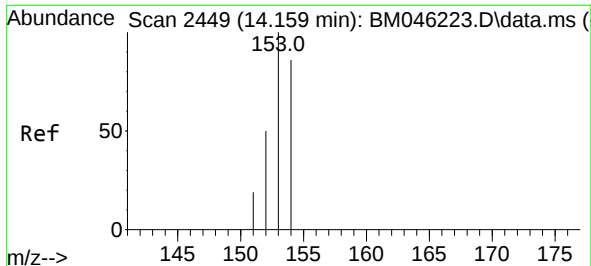


#10
Acenaphthylene
Concen: 1.586 ng/ul
RT: 13.770 min Scan# 2365
Delta R.T. -0.065 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47



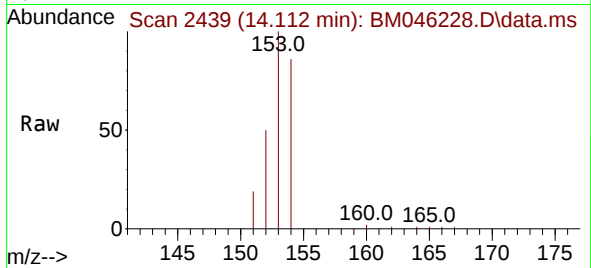
Tgt Ion:152 Resp: 37331
Ion Ratio Lower Upper
152 100
151 19.8 17.4 26.2
153 13.9 11.8 17.8





#11
Acenaphthene
Concen: 1.442 ng/ul
RT: 14.112 min Scan# 2449
Delta R.T. -0.060 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

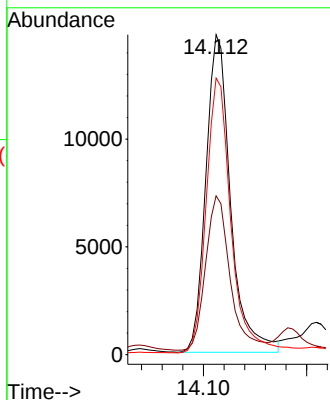
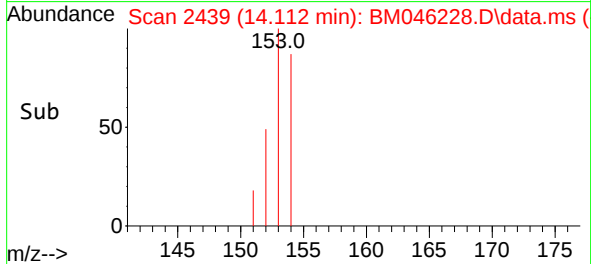
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 24490
Ion Ratio Lower Upper
153 100
152 49.6 41.3 61.9
154 86.4 68.2 102.4

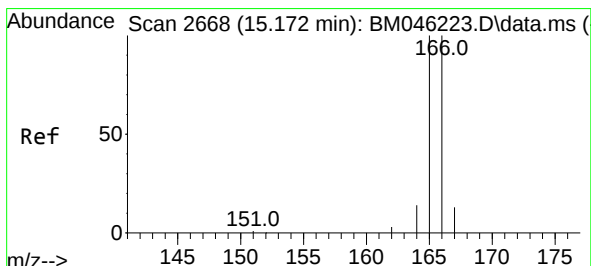
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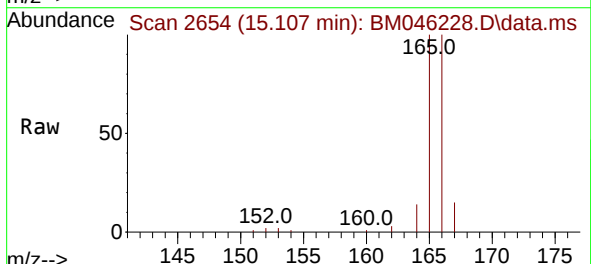


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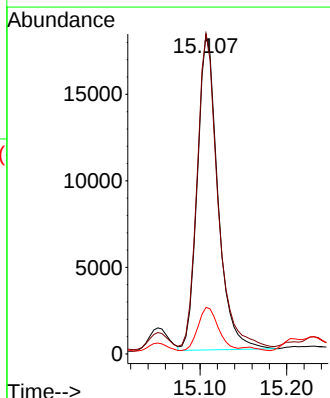
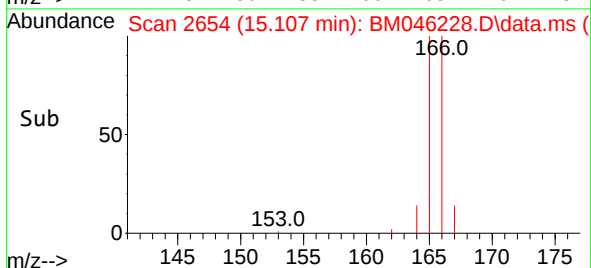
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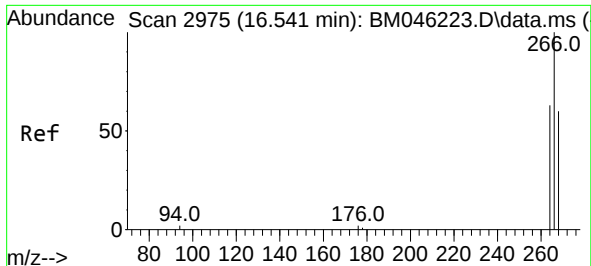


#12
Fluorene
Concen: 1.643 ng/ul
RT: 15.107 min Scan# 2654
Delta R.T. -0.074 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47



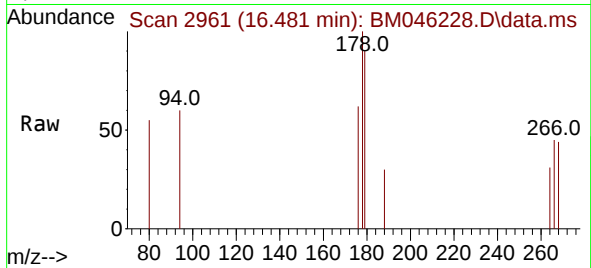
Tgt Ion:166 Resp: 29948
Ion Ratio Lower Upper
166 100
165 100.1 80.4 120.6
167 14.6 12.4 18.6





#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.481 min Scan# 2975
Delta R.T. -0.084 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

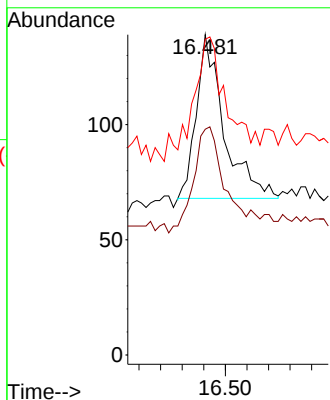
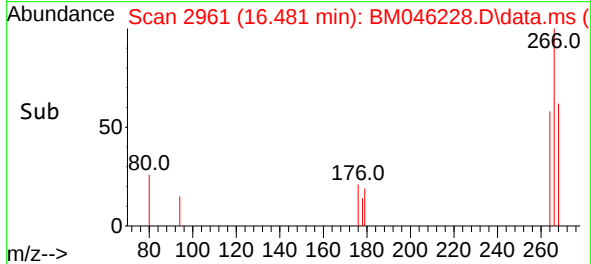
Instrument :
BNA_M
ClientSampleId :
A4C73



Tgt Ion:266 Resp: 120
Ion Ratio Lower Upper
266 100
264 66.7 50.9 76.3
268 73.0 52.3 78.5

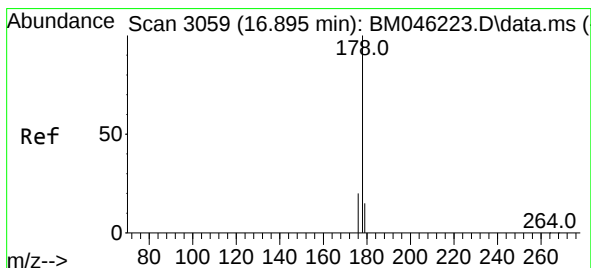
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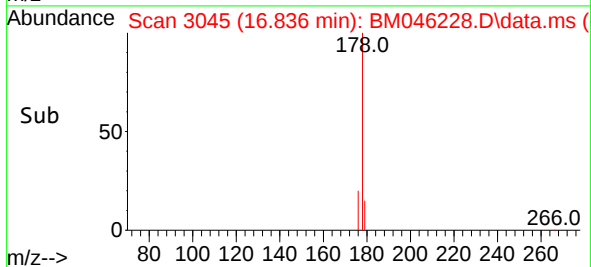
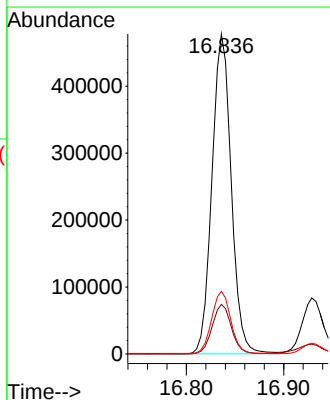
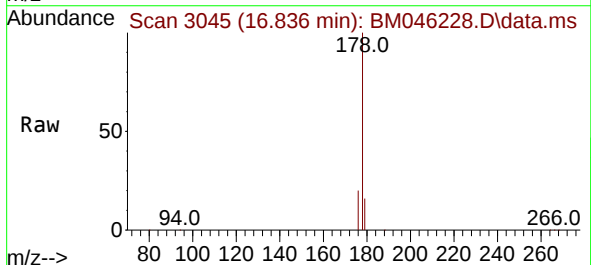
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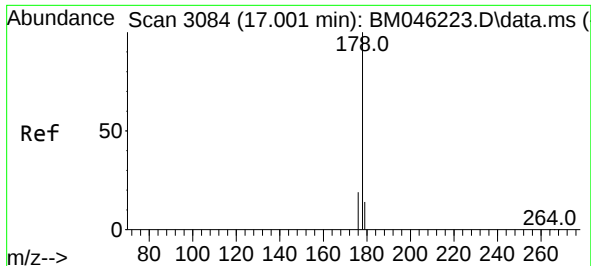
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#15
Phenanthrene
Concen: 21.768 ng/ul m
RT: 16.836 min Scan# 3045
Delta R.T. -0.068 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

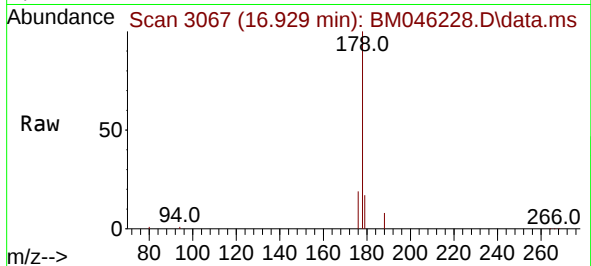
Tgt Ion:178 Resp: 657128
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7





#16
 Anthracene
 Concen: 5.409 ng/ul m
 RT: 16.929 min Scan# 3084
 Delta R.T. -0.076 min
 Lab File: BM046228.D
 Acq: 23 Jun 2024 10:47

Instrument :
 BNA_M
 ClientSampleId :
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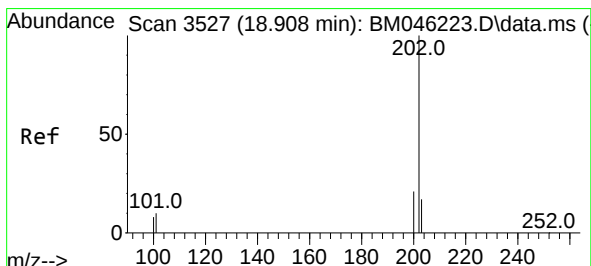
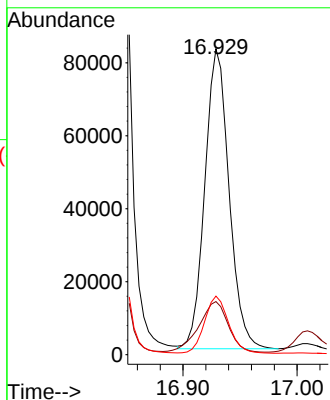
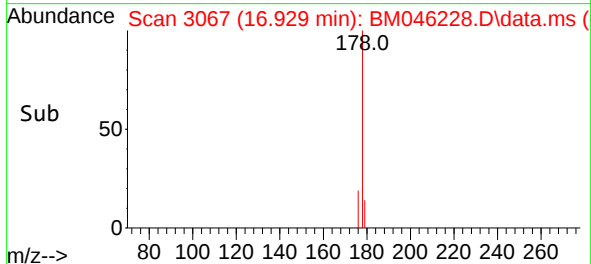
Tgt Ion:178 Resp: 12162
 Ion Ratio Lower Upper
 178 100
 179 17.4 14.9 22.3
 176 19.1 17.0 25.4

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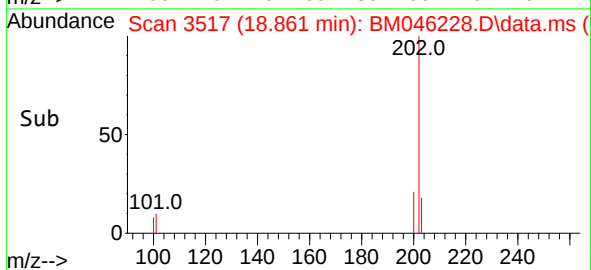
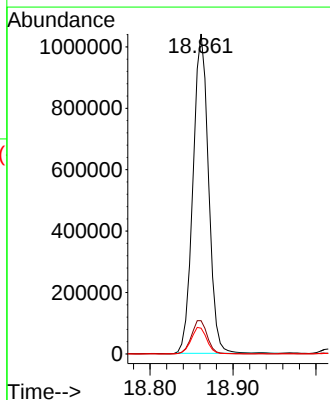
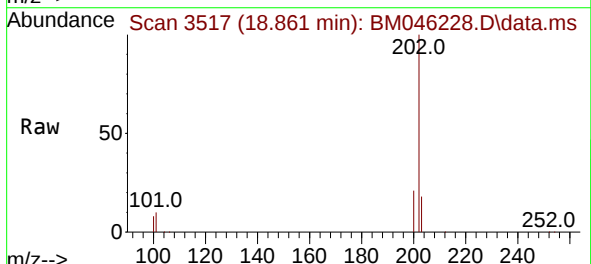
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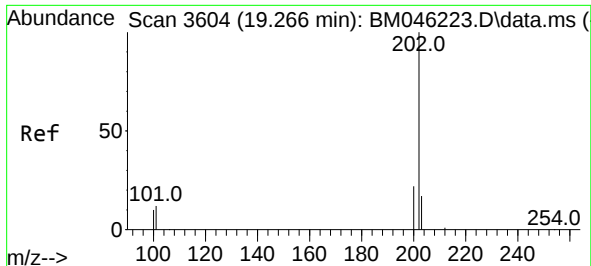
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#19
 Fluoranthene
 Concen: 43.408 ng/ul
 RT: 18.861 min Scan# 3517
 Delta R.T. -0.056 min
 Lab File: BM046228.D
 Acq: 23 Jun 2024 10:47

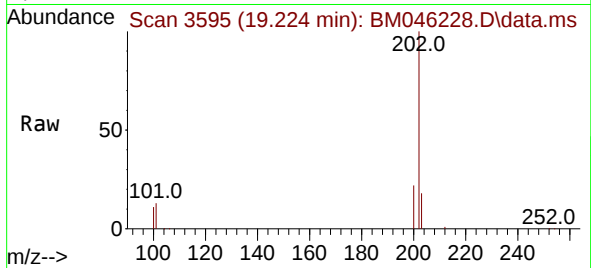
Tgt Ion:202 Resp: 1353809
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.6 14.4
 100 8.0 7.6 11.4





#20
Pyrene
Concen: 27.693 ng/ul
RT: 19.224 min Scan# 31
Delta R.T. -0.051 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

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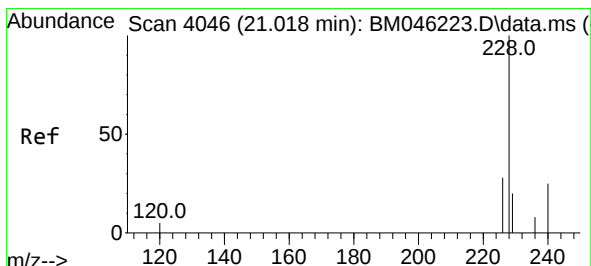
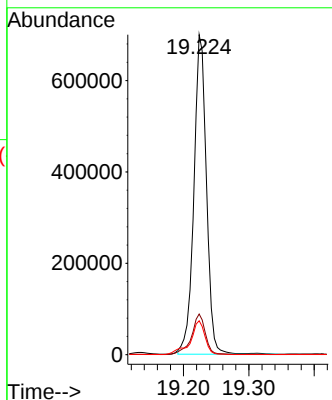
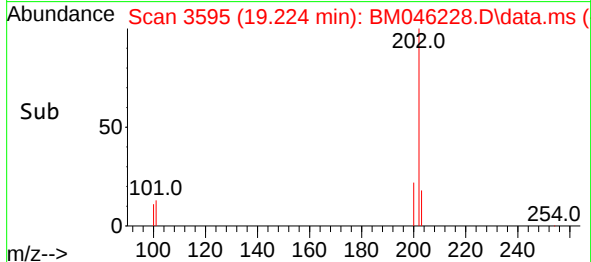
Tgt Ion:202 Resp: 934030
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.6 9.8 14.6

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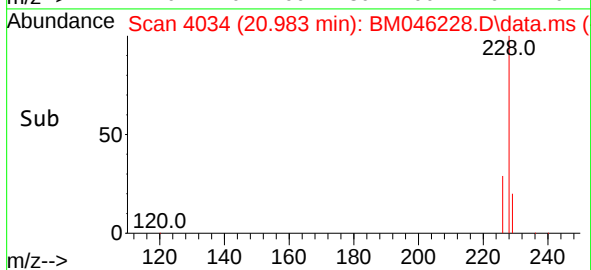
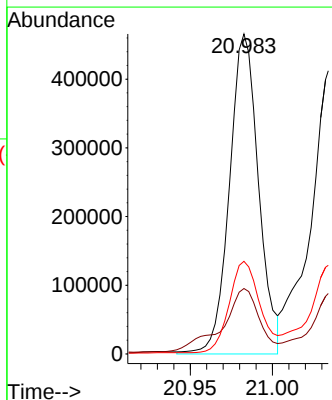
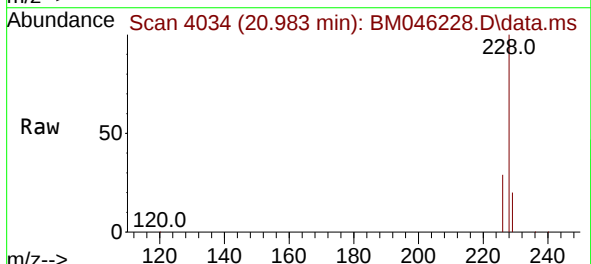
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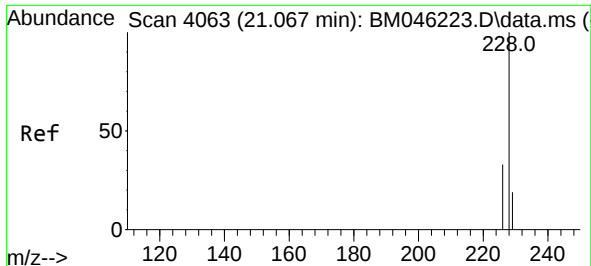
06/24/2024



#21
Benzo(a)anthracene
Concen: 20.637 ng/ul m
RT: 20.983 min Scan# 4034
Delta R.T. -0.047 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

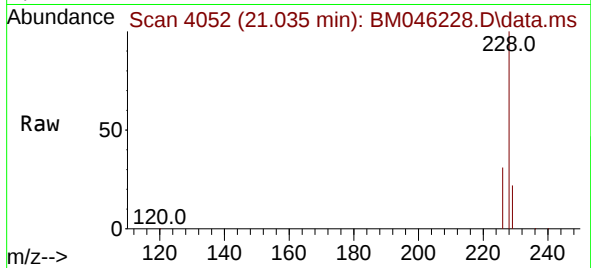
Tgt Ion:228 Resp: 574171
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 28.9 23.4 35.2





#22
Chrysene
Concen: 16.776 ng/ul
RT: 21.035 min Scan# 4063
Delta R.T. -0.041 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

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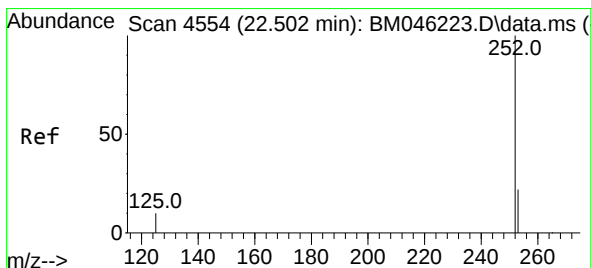
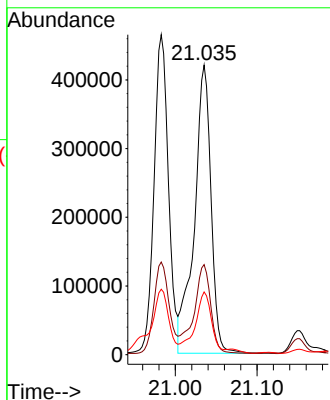
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Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.7 16.3 24.5

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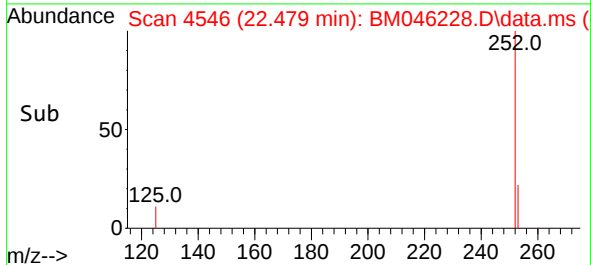
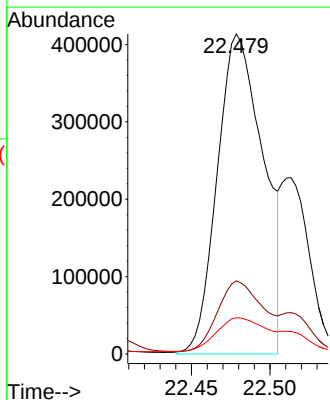
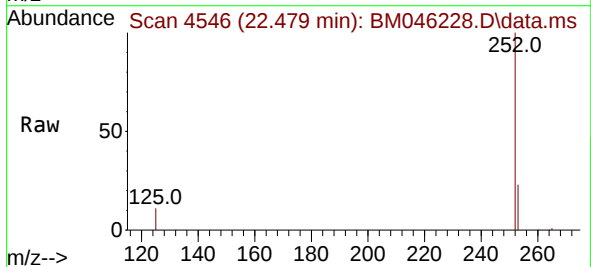
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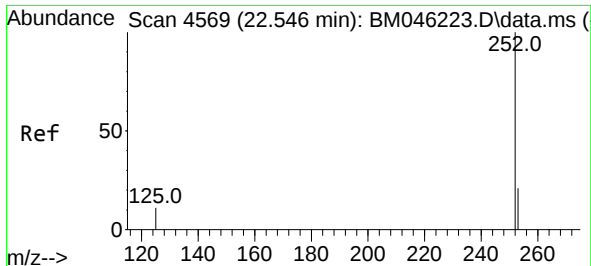
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#24
Benzo(b)fluoranthene
Concen: 22.865 ng/ul m
RT: 22.479 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

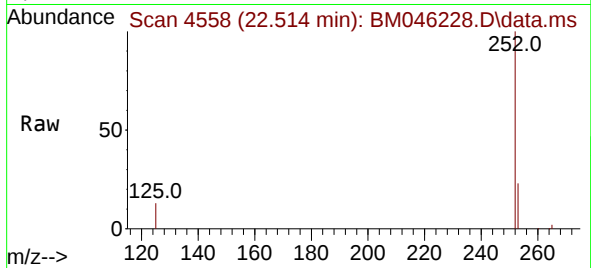
Tgt Ion:252 Resp: 845781
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 11.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 6.349 ng/ul m
RT: 22.514 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

Instrument :
BNA_M
ClientSampleId :
A4C73



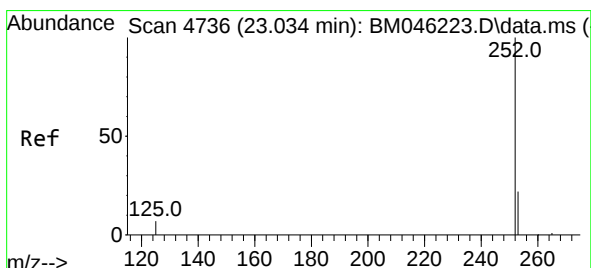
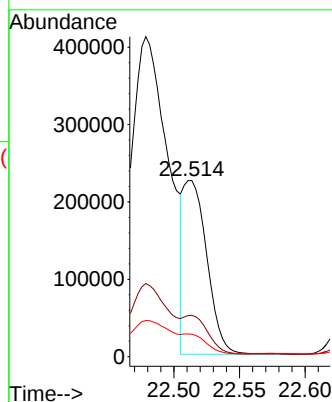
Tgt Ion:252 Resp: 279185
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 12.7 16.6 25.0#

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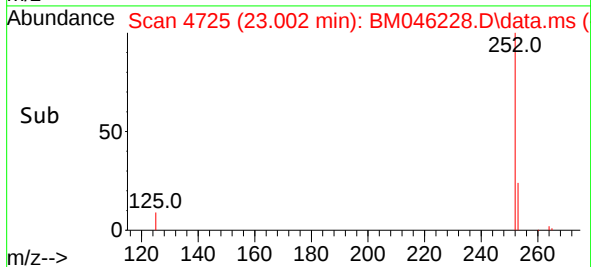
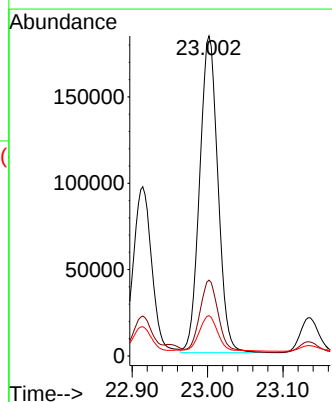
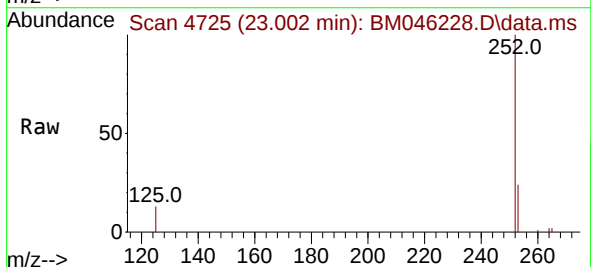
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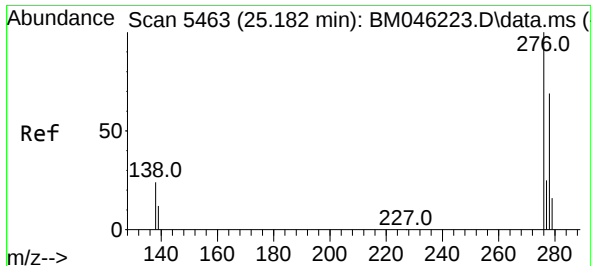
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#26
Benzo(a)pyrene
Concen: 8.993 ng/ul m
RT: 23.002 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

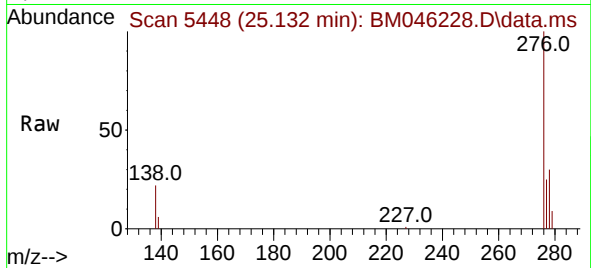
Tgt Ion:252 Resp: 308235
Ion Ratio Lower Upper
252 100
253 23.7 32.1 48.1#
125 12.6 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.325 ng/ul
RT: 25.132 min Scan# 5463
Delta R.T. -0.070 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

Instrument :
BNA_M
ClientSampleId :
A4C73



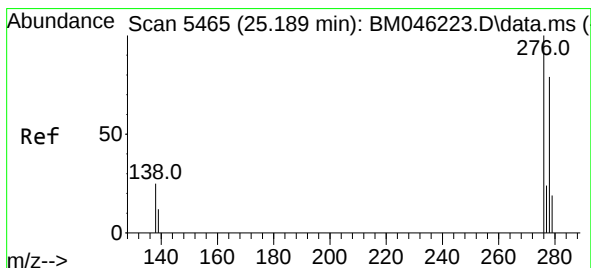
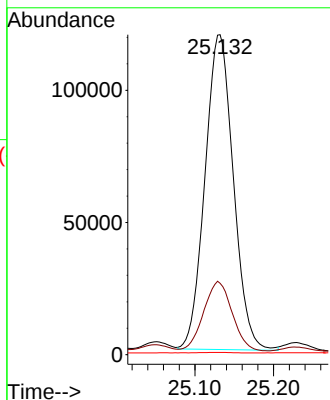
Tgt Ion:276 Resp: 29873
Ion Ratio Lower Upper
276 100
138 21.9 21.0 31.4
227 0.5 0.0 0.0

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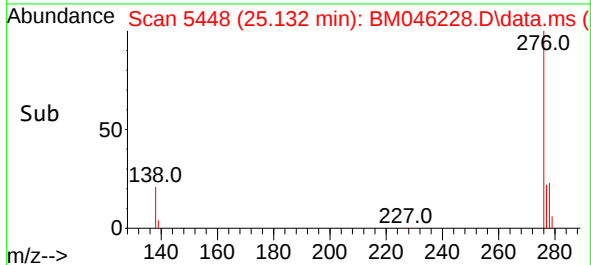
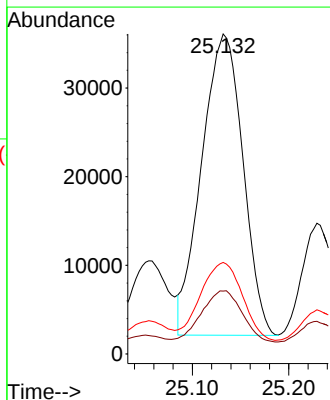
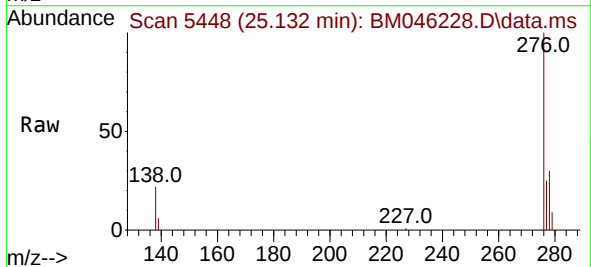
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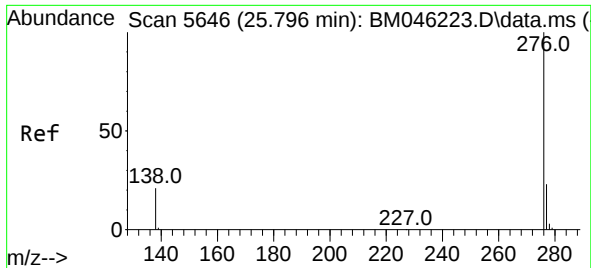
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#28
Dibenzo(a,h)anthracene
Concen: 2.419 ng/ul
RT: 25.132 min Scan# 5448
Delta R.T. -0.084 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

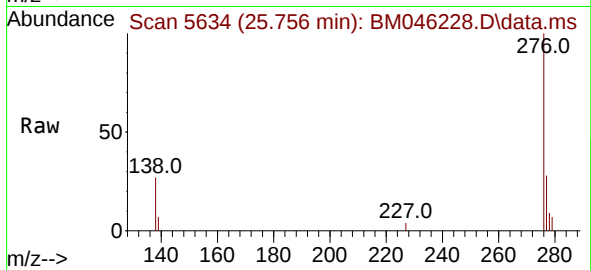
Tgt Ion:278 Resp: 101021
Ion Ratio Lower Upper
278 100
139 19.6 17.6 26.4
279 28.6 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.939 ng/ul
RT: 25.756 min Scan# 50
Delta R.T. -0.074 min
Lab File: BM046228.D
Acq: 23 Jun 2024 10:47

Instrument :
BNA_M
ClientSampleId :
A4C73



Tgt Ion:276 Resp: 45169
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 28.3 20.4 30.6

Manual Integrations
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Supervised By :Jagrut Upadhyay 06/24/2024

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Upadhyay

06/24/2024

