

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044156.D
 Acq On : 17 Feb 2024 02:03
 Operator : MA/JU
 Sample : PB158870BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS870

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 03:31:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9517	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	29808	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164	15297	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	30454	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	17142	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	15721	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	7997	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	13740	0.329	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	23791	0.465	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	25197	1.871	ng/ul#	77
5) Naphthalene	10.748	128	30097	0.340	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	18776	0.344	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	18244	0.330	ng/ul	99
10) Acenaphthylene	14.261	152	29737	0.354	ng/ul	99
11) Acenaphthene	14.604	153	20802	0.341	ng/ul	100
12) Fluorene	15.594	166	22692	0.330	ng/ul	99
14) Pentachlorophenol	16.943	266	7208	0.661	ng/ul	98
15) Phenanthrene	17.339	178	34699	0.360	ng/ul	99
16) Anthracene	17.432	178	33812	0.354	ng/ul	100
19) Fluoranthene	19.360	202	37443	0.479	ng/ul	99
20) Pyrene	19.722	202	37920	0.461	ng/ul	98
21) Benzo(a)anthracene	21.479	228	28216	0.359	ng/ul	100
22) Chrysene	21.531	228	29843	0.353	ng/ul	99
24) Benzo(b)fluoranthene	23.159	252	24280	0.374	ng/ul	98
25) Benzo(k)fluoranthene	23.209	252	26223m	0.372	ng/ul	
26) Benzo(a)pyrene	23.782	252	21825	0.362	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.369	276	25134	0.327	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.399	278	20030	0.331	ng/ul	97
29) Benzo(g,h,i)perylene	27.117	276	21595	0.318	ng/ul	97

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

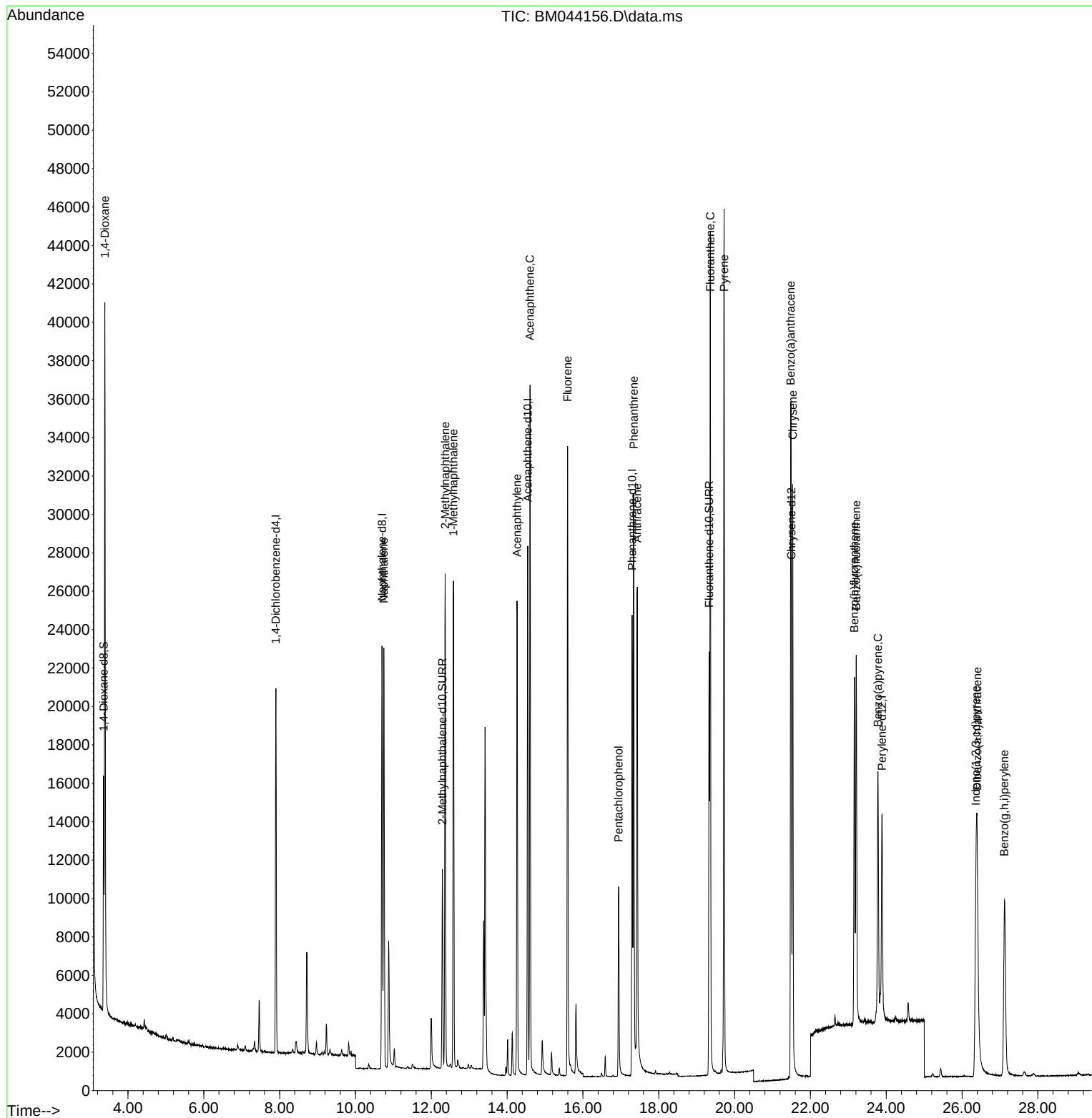
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044156.D
Acq On : 17 Feb 2024 02:03
Operator : MA/JU
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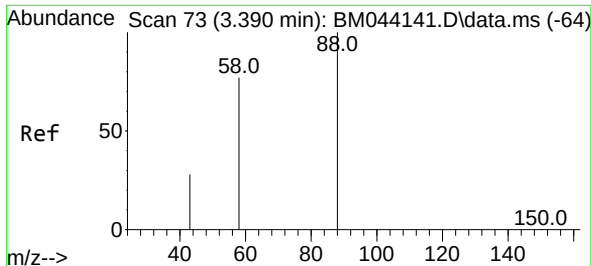
Instrument :
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Quant Time: Feb 17 03:31:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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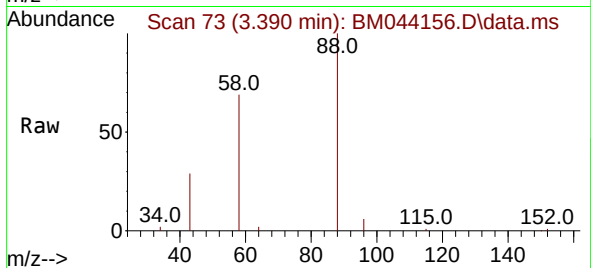
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024





#2
1,4-Dioxane
Concen: 1.871 ng/ul
RT: 3.390 min Scan# 73
Delta R.T. 0.000 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

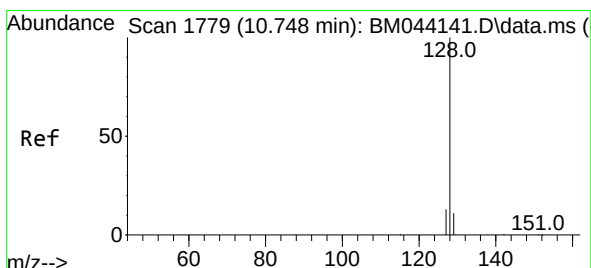
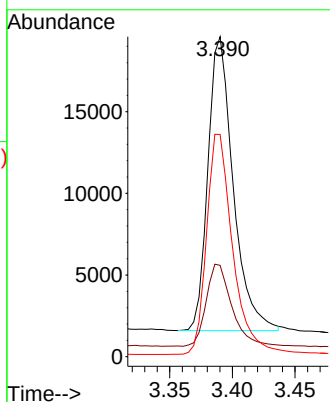
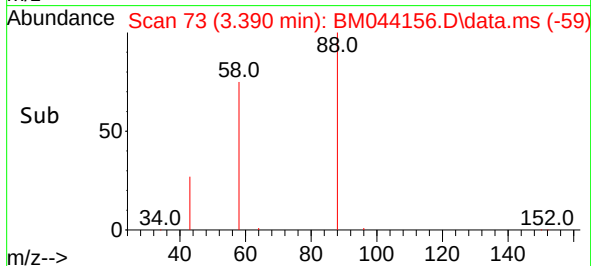
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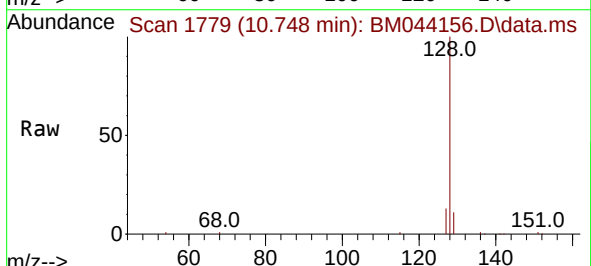
Tgt Ion: 88 Resp: 2519
Ion Ratio Lower Upper
88 100
43 28.5 32.2 48.2
58 69.5 40.6 60.8

Manual Integrations
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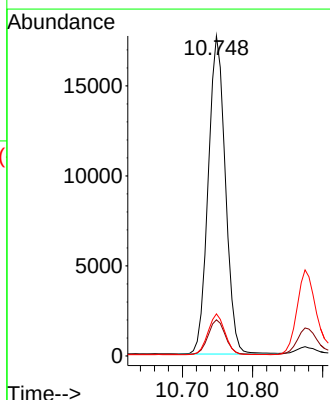
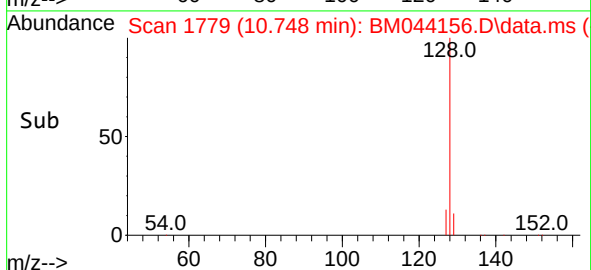
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

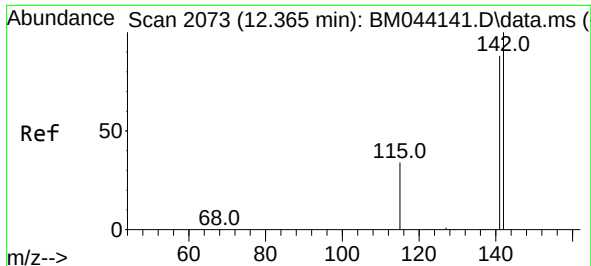


#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03



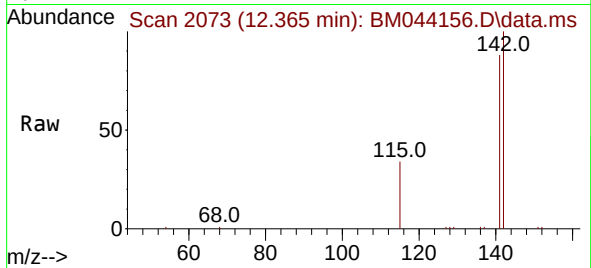
Tgt Ion:128 Resp: 30097
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.2 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

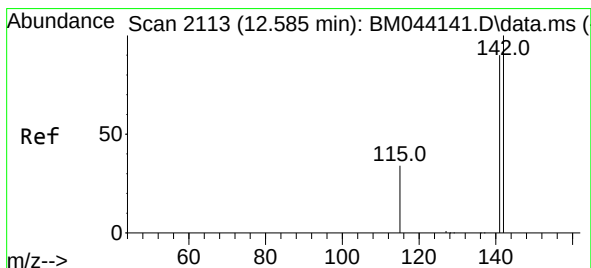
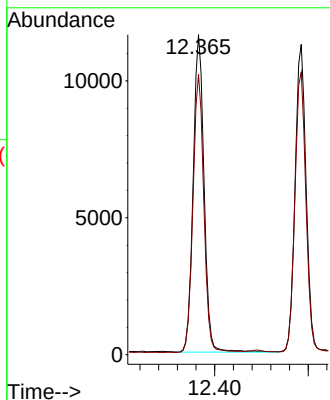
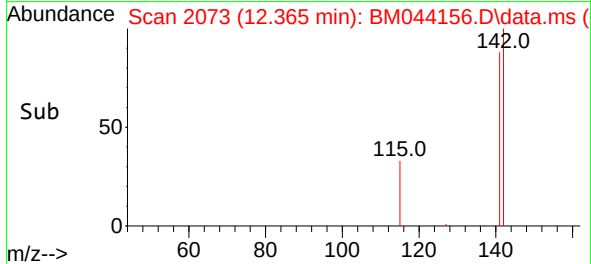
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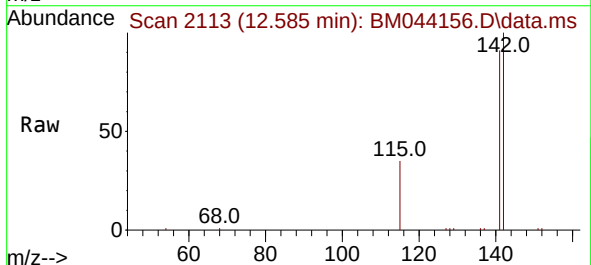
Tgt Ion:142 Resp: 18776
Ion Ratio Lower Upper
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141 87.3 70.0 105.0

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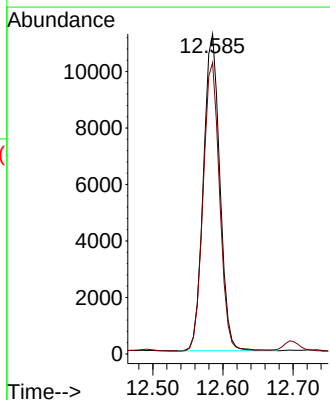
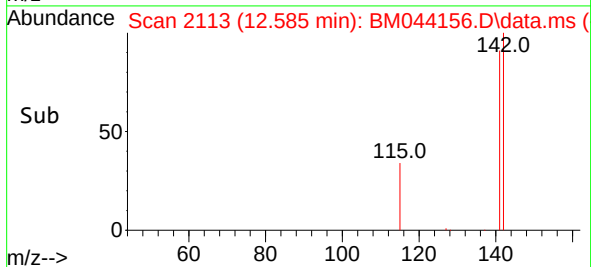
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

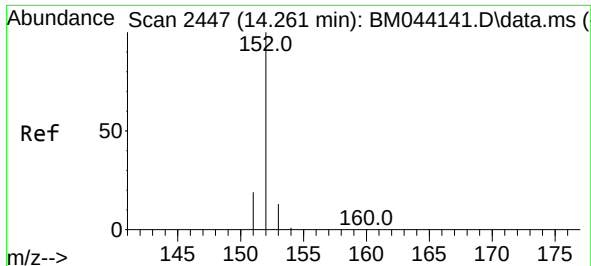


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03



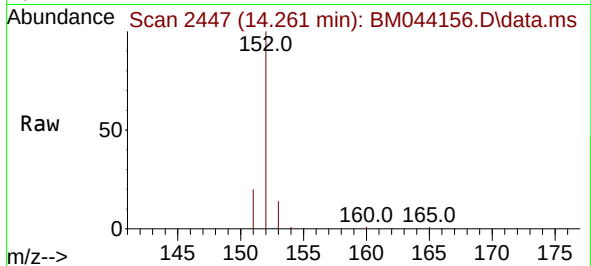
Tgt Ion:142 Resp: 18244
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7





#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.008 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

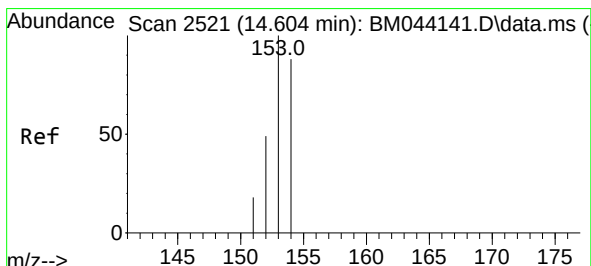
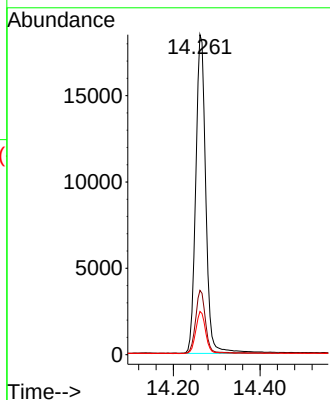
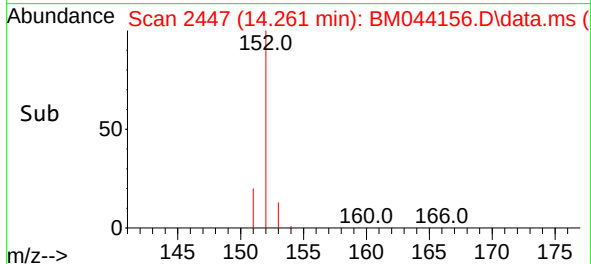
Instrument :
BNA_M
ClientSampleId :
SLCS870



Tgt Ion:152 Resp: 2973
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.5 10.8 16.2

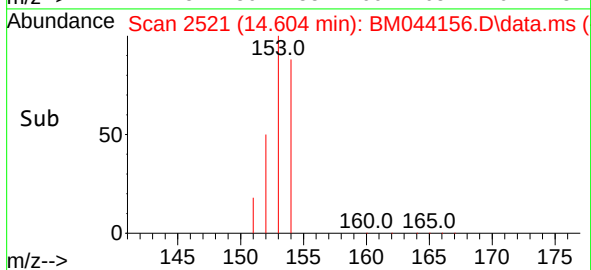
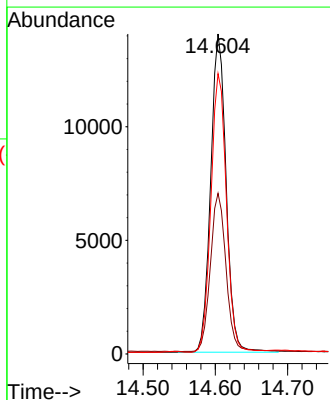
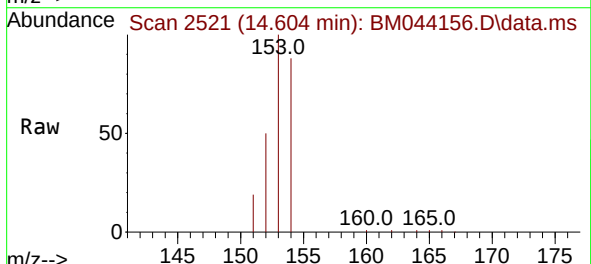
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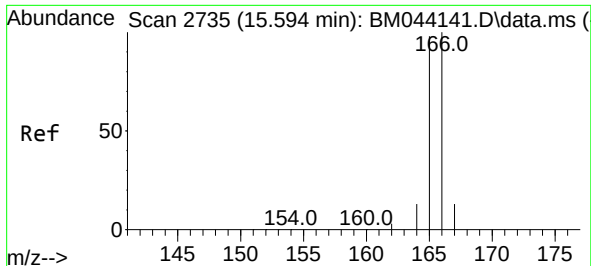
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.604 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

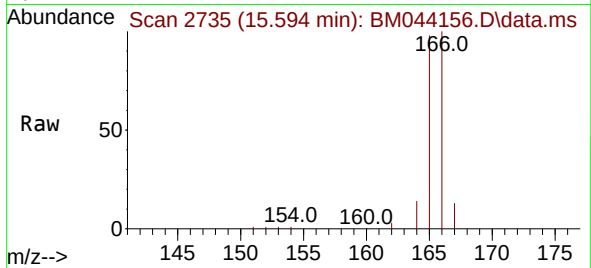
Tgt Ion:153 Resp: 20802
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 87.6 70.1 105.1





#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.594 min Scan# 2735
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

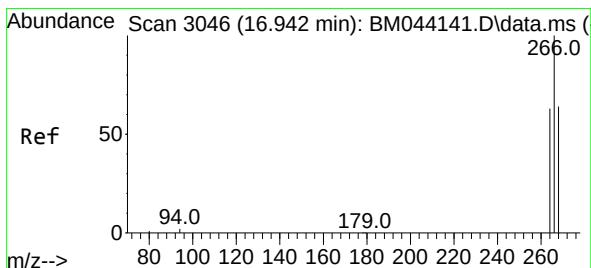
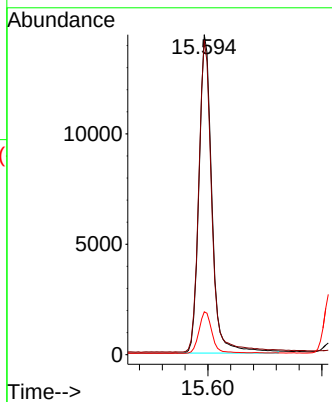
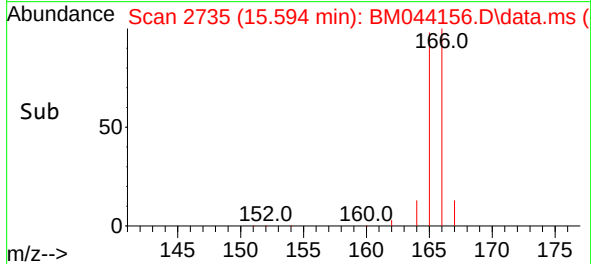
Instrument :
BNA_M
ClientSampleId :
SLCS870



Tgt Ion:166 Resp: 22692
Ion Ratio Lower Upper
166 100
165 98.2 79.8 119.6
167 13.4 11.1 16.7

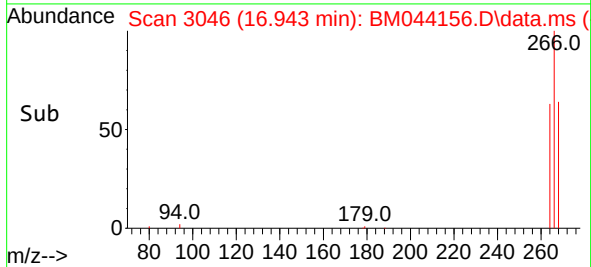
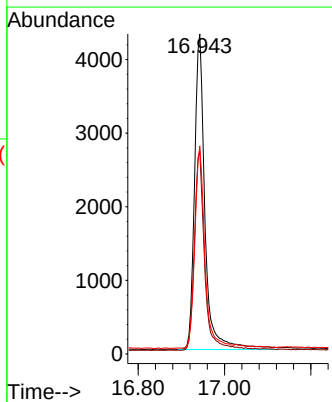
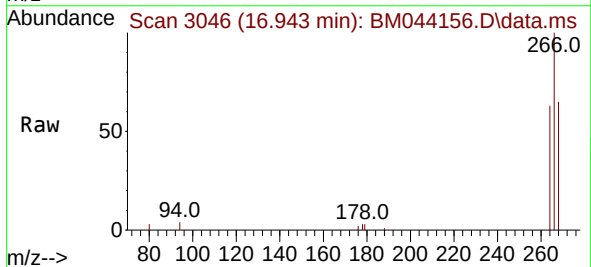
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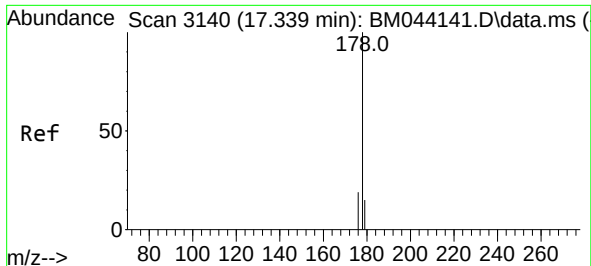
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#14
Pentachlorophenol
Concen: 0.661 ng/ul
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

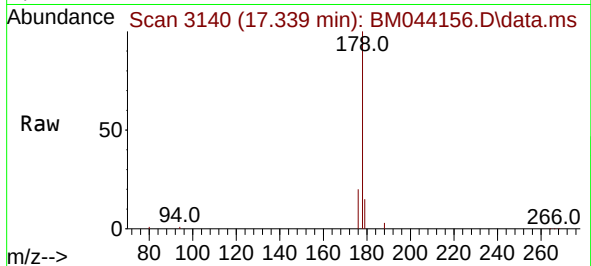
Tgt Ion:266 Resp: 7208
Ion Ratio Lower Upper
266 100
264 62.7 49.4 74.0
268 62.6 52.1 78.1





#15
Phenanthrene
Concen: 0.360 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

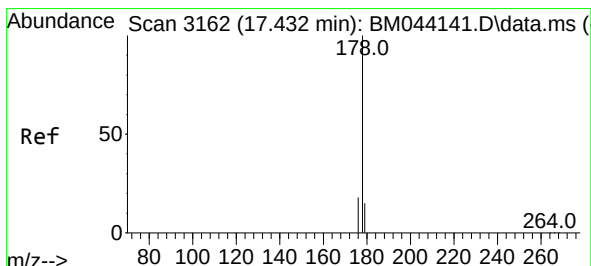
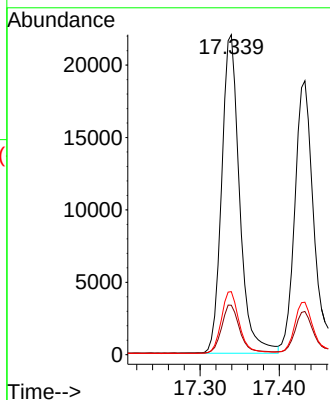
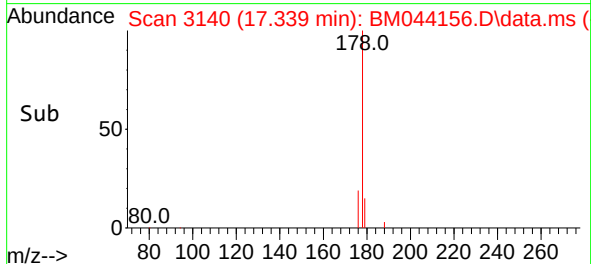
Instrument :
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Tgt Ion:178 Resp: 3469
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 16.0 24.0

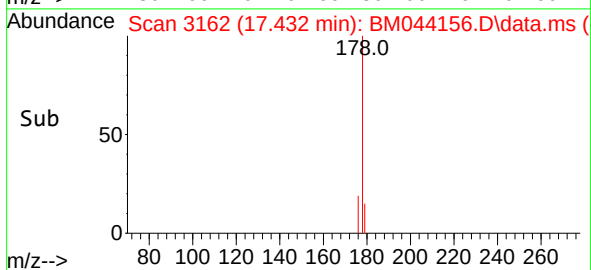
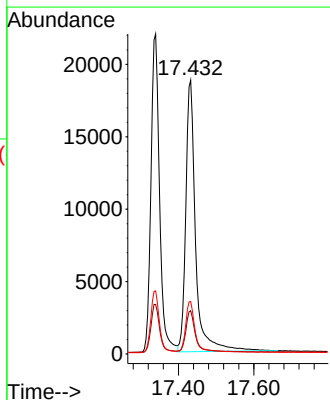
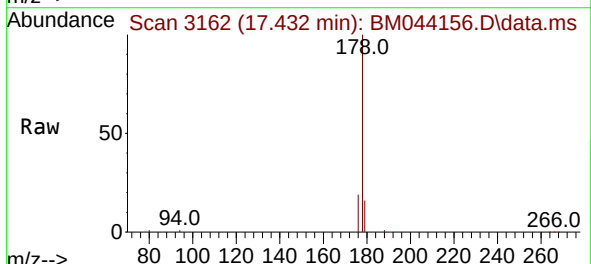
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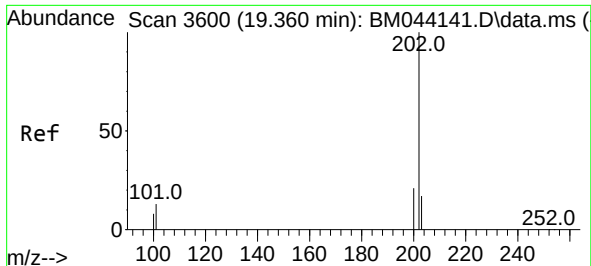
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#16
Anthracene
Concen: 0.354 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.003 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

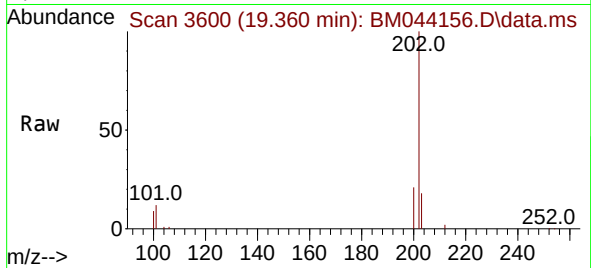
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Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 0.479 ng/u1
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

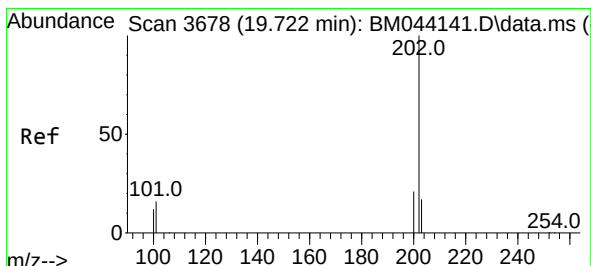
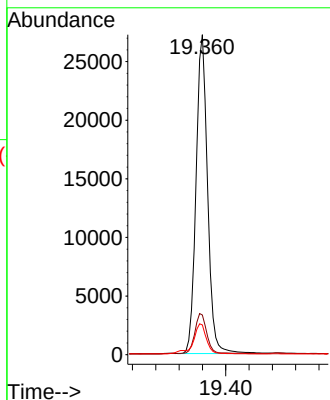
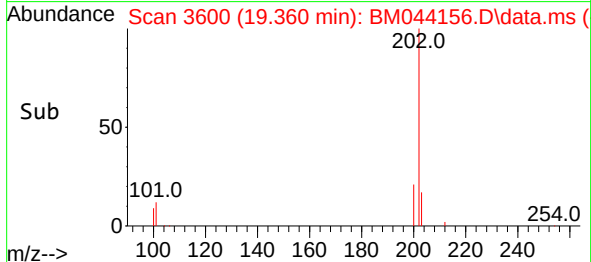
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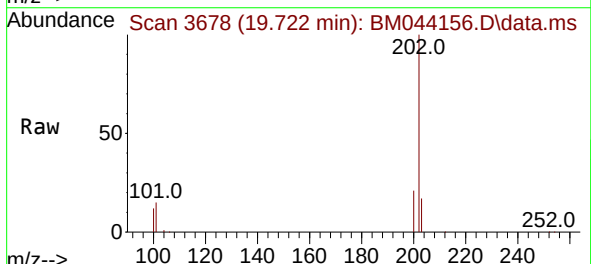
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Ion Ratio Lower Upper
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101 12.4 9.8 14.6
100 9.3 7.0 10.4

Manual Integrations
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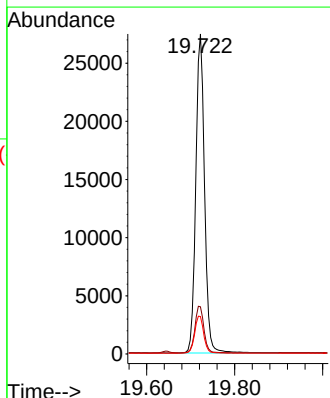
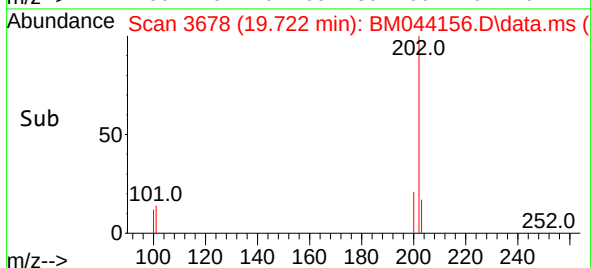
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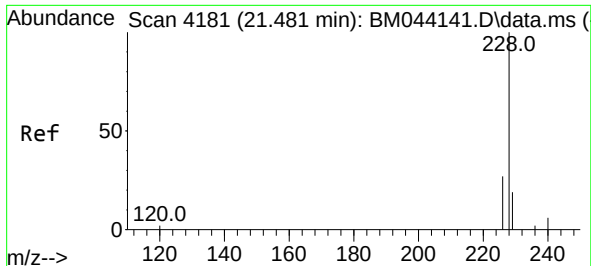


#20
Pyrene
Concen: 0.461 ng/u1
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03



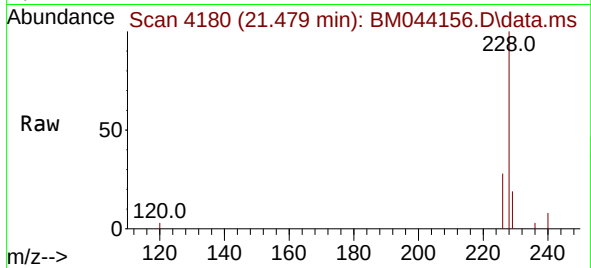
Tgt Ion:202 Resp: 37920
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 11.7 8.6 13.0





#21
Benzo(a)anthracene
Concen: 0.359 ng/u1
RT: 21.479 min Scan# 4181
Delta R.T. -0.007 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

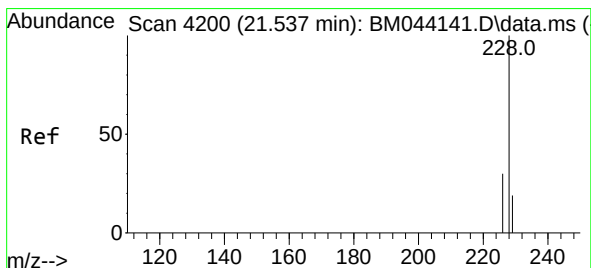
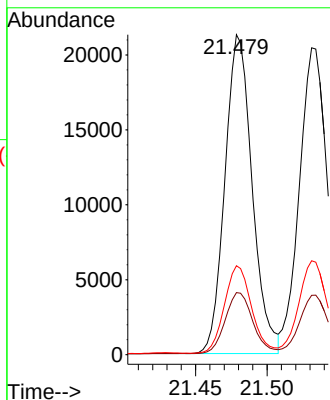
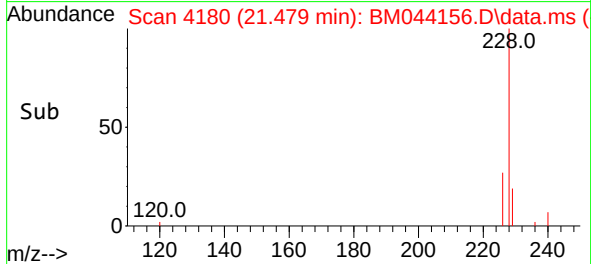
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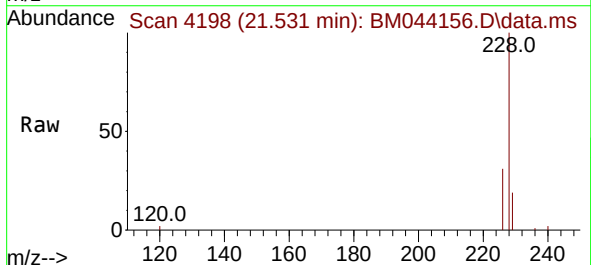
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Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.2
226 27.8 22.1 33.1

Manual Integrations
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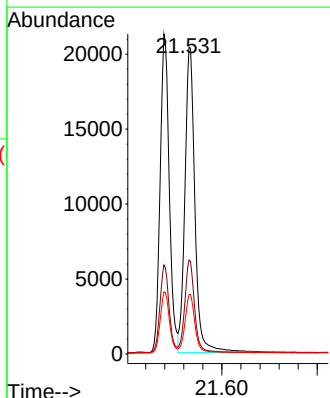
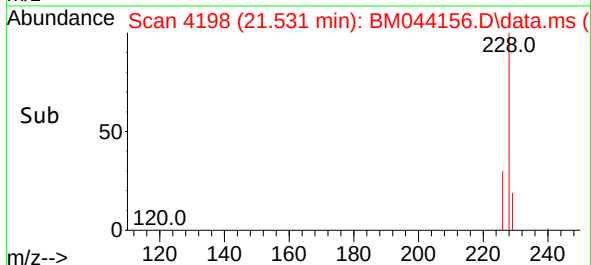
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

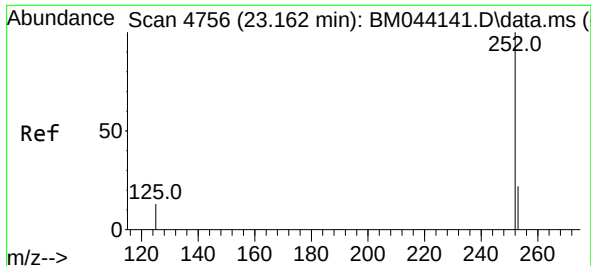


#22
Chrysene
Concen: 0.353 ng/u1
RT: 21.531 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03



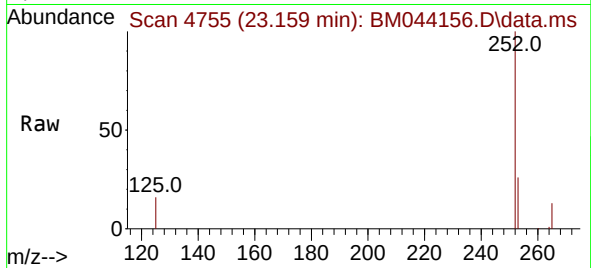
Tgt Ion:228 Resp: 29843
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.159 min Scan# 4755
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

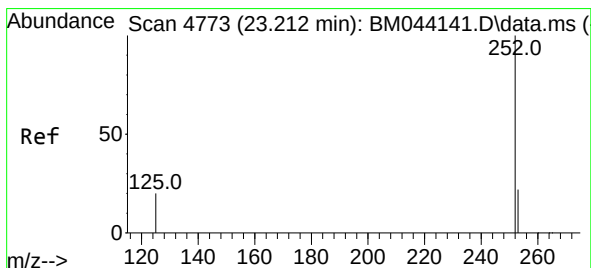
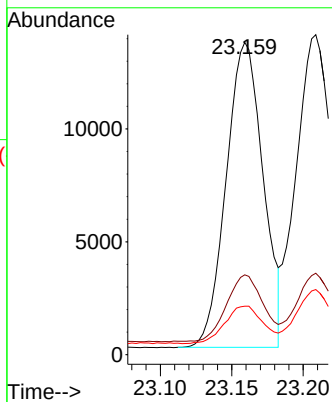
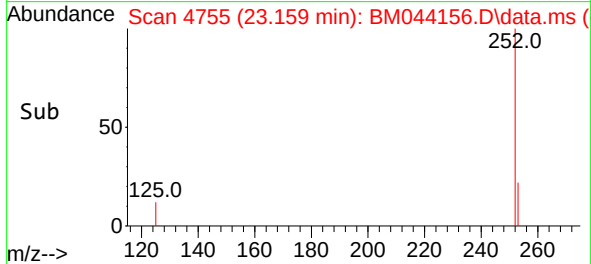
Instrument :
BNA_M
ClientSampleId :
SLCS870



Tgt Ion:252 Resp: 24280
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.0
125 15.5 0.0 28.2

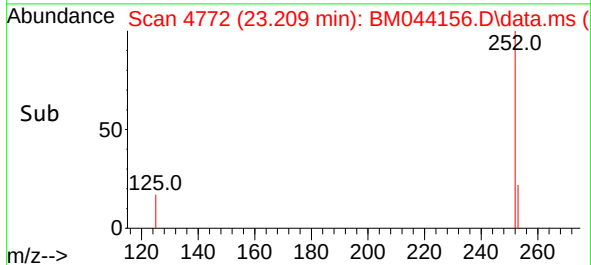
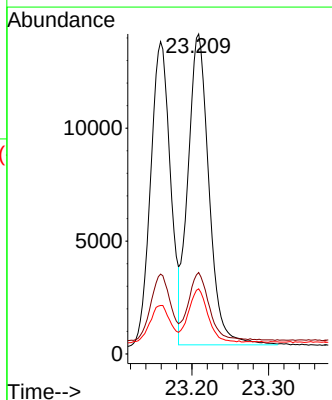
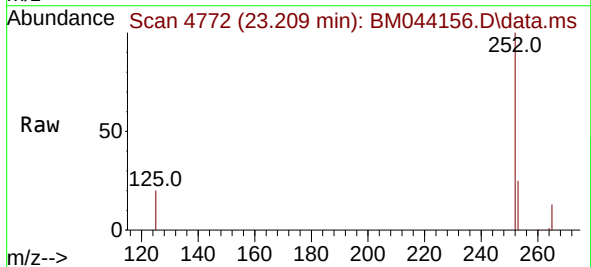
Manual Integrations
APPROVED

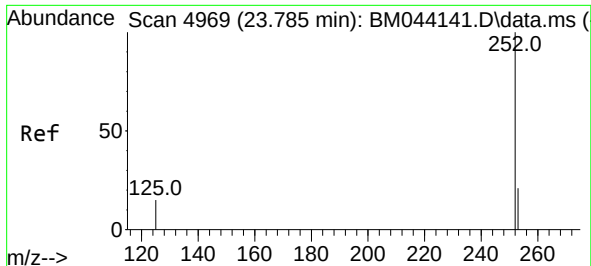
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

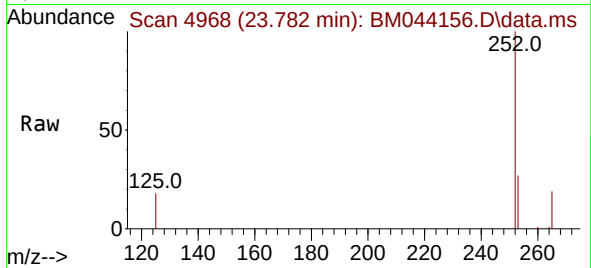
Tgt Ion:252 Resp: 26223
Ion Ratio Lower Upper
252 100
253 25.5 20.1 30.1
125 20.4 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.782 min Scan# 4968
Delta R.T. -0.004 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

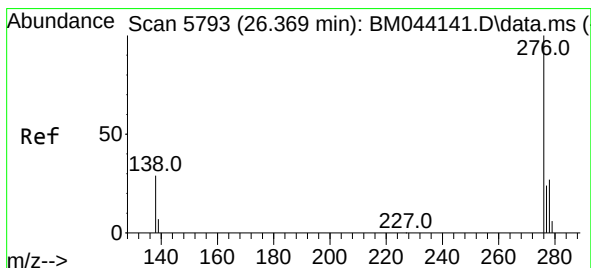
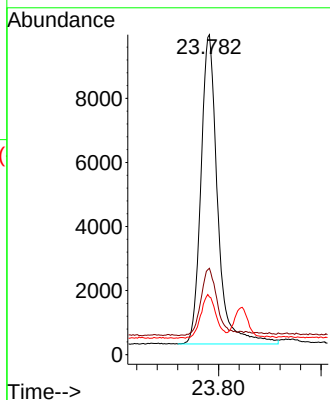
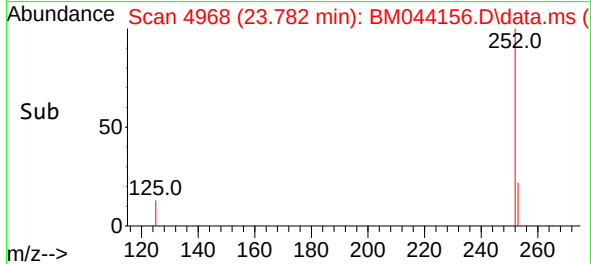
Instrument :
BNA_M
ClientSampleId :
SLCS870



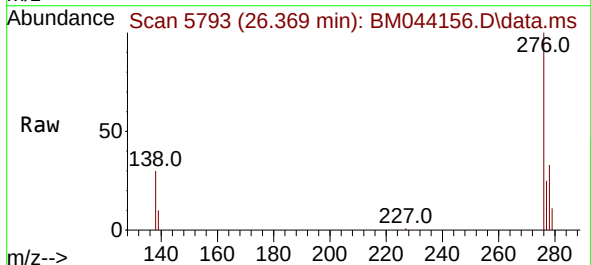
Tgt Ion:252 Resp: 2182
Ion Ratio Lower Upper
252 100
253 27.0 21.4 32.2
125 18.1 13.3 19.9

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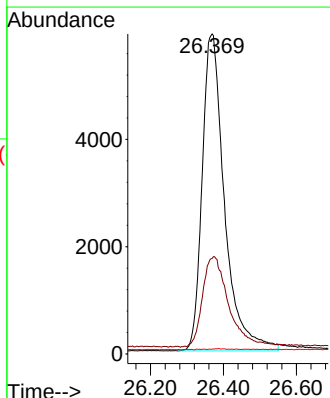
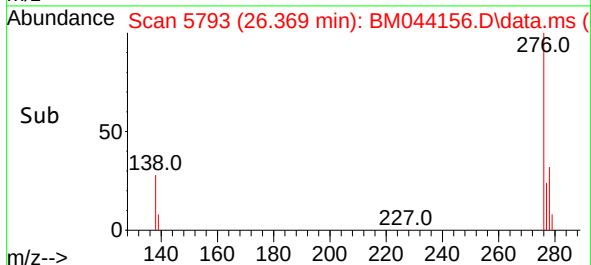
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

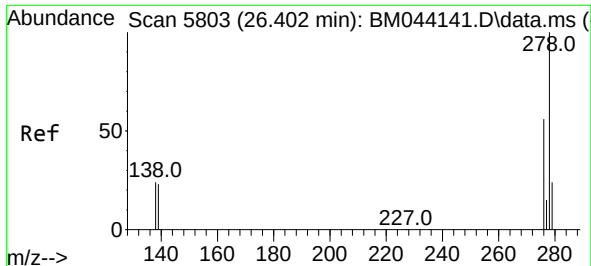


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.369 min Scan# 5793
Delta R.T. -0.001 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03



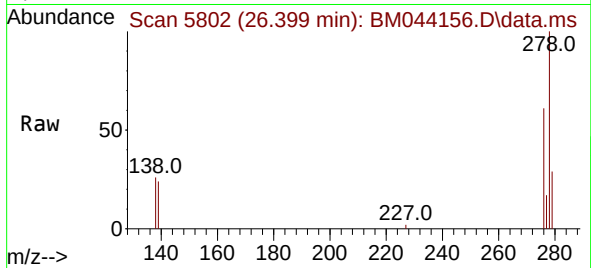
Tgt Ion:276 Resp: 25134
Ion Ratio Lower Upper
276 100
138 33.7 25.2 37.8
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.399 min Scan# 5803
Delta R.T. -0.011 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

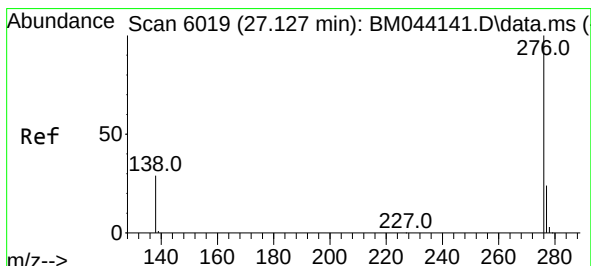
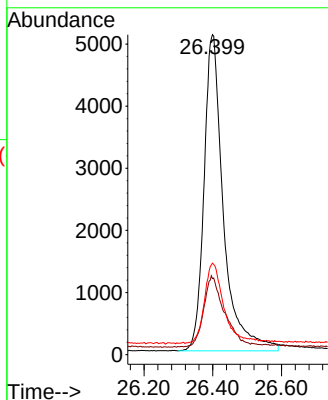
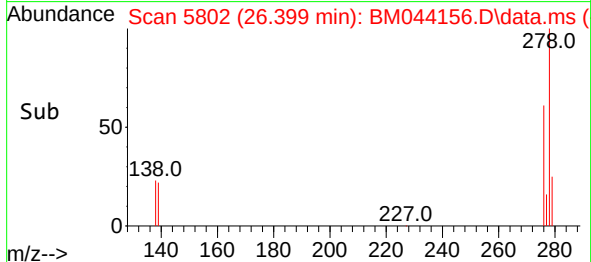
Instrument :
BNA_M
ClientSampleId :
SLCS870



Tgt Ion:278 Resp: 20030
Ion Ratio Lower Upper
278 100
139 23.8 17.8 26.8
279 28.6 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.318 ng/ul
RT: 27.117 min Scan# 6016
Delta R.T. -0.011 min
Lab File: BM044156.D
Acq: 17 Feb 2024 02:03

Tgt Ion:276 Resp: 21595
Ion Ratio Lower Upper
276 100
138 30.3 22.7 34.1
277 24.5 19.0 28.6

