

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043263.D
 Acq On : 12 Dec 2023 14:11
 Operator : MA/JU
 Sample : PB157630BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS630

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 14:44:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	12759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	40762	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	22889	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	47162	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	26368	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	25754	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8041	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	15228	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	25324	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	22792	1.410	ng/ul#	84
5) Naphthalene	10.862	128	29497	0.241	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	18912	0.239	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	18429	0.232	ng/ul	100
10) Acenaphthylene	14.351	152	29702	0.236	ng/ul	99
11) Acenaphthene	14.689	153	21803	0.238	ng/ul	99
12) Fluorene	15.675	166	24063	0.232	ng/ul	99
14) Pentachlorophenol	17.012	266	5342	0.511	ng/ul	98
15) Phenanthrene	17.409	178	37624	0.239	ng/ul	100
16) Anthracene	17.502	178	33751	0.236	ng/ul	100
19) Fluoranthene	19.417	202	36759	0.247	ng/ul	97
20) Pyrene	19.775	202	37002	0.251	ng/ul	96
21) Benzo(a)anthracene	21.518	228	29635	0.256	ng/ul	100
22) Chrysene	21.574	228	31231	0.256	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	28685	0.245	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	31118m	0.257	ng/ul	
26) Benzo(a)pyrene	23.848	252	24244	0.251	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.468	276	28217	0.257	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.501	278	22627	0.260	ng/ul	98
29) Benzo(g,h,i)perylene	27.243	276	24024	0.256	ng/ul	99

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

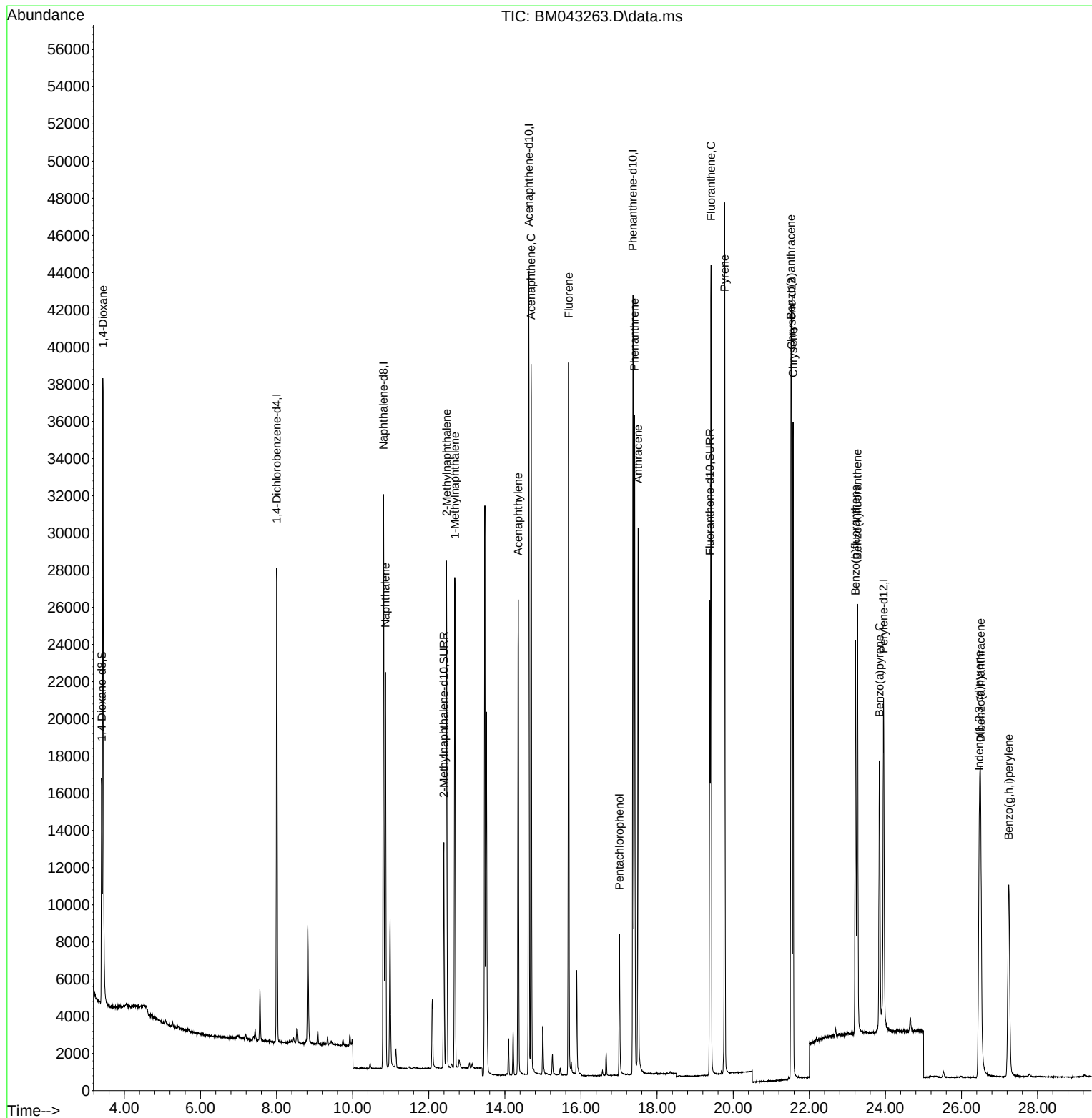
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043263.D
Acq On : 12 Dec 2023 14:11
Operator : MA/JU
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ALS Vial : 37 Sample Multiplier: 1

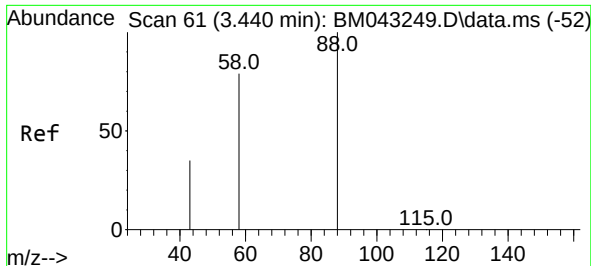
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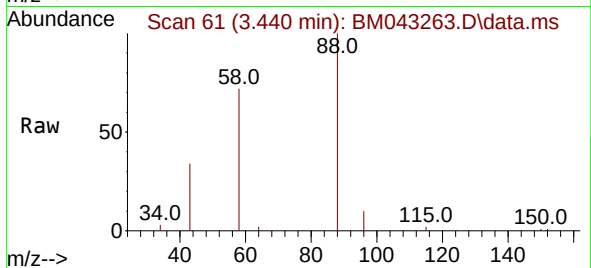
Quant Time: Dec 12 14:44:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.410 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

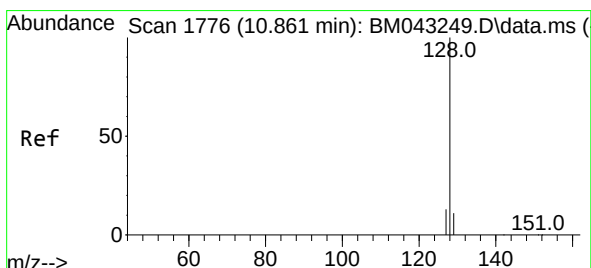
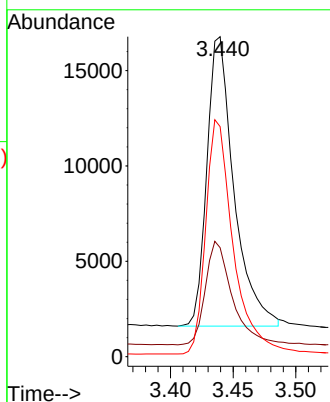
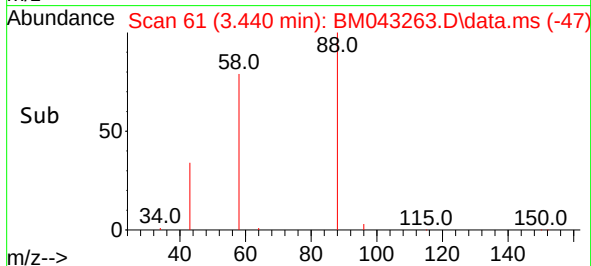
Instrument :
BNA_M
ClientSampleId :
SLCS630



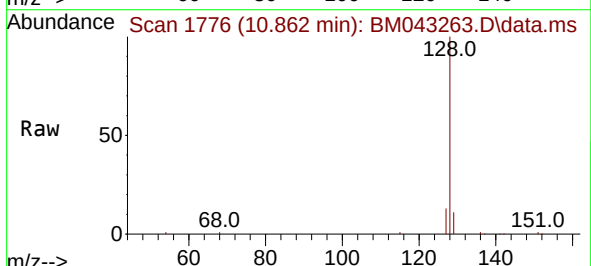
Tgt Ion: 88 Resp: 2279
Ion Ratio Lower Upper
88 100
43 34.0 27.9 41.9
58 71.9 43.4 65.2

Manual Integrations
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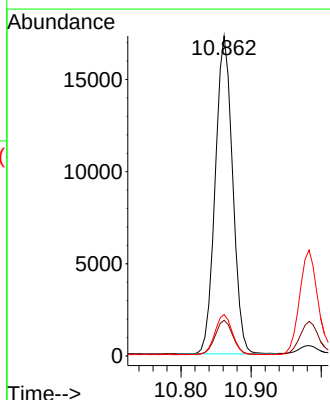
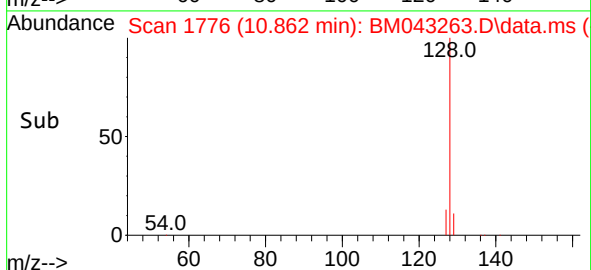
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

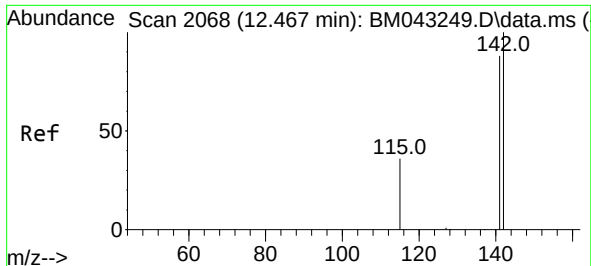


#5
Naphthalene
Concen: 0.241 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



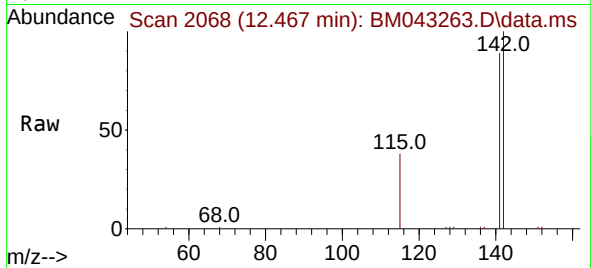
Tgt Ion:128 Resp: 29497
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.3 15.5





#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

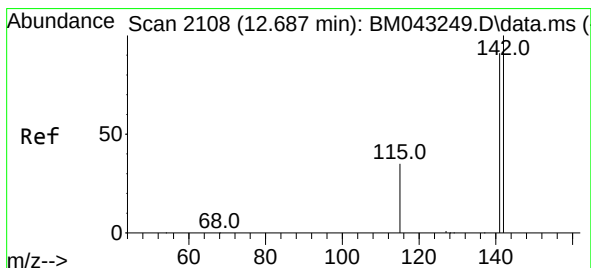
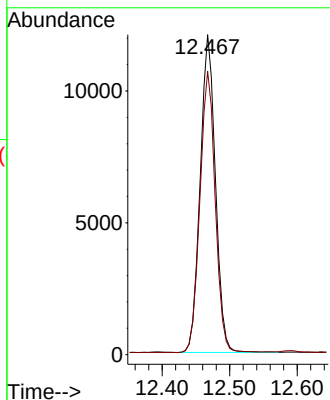
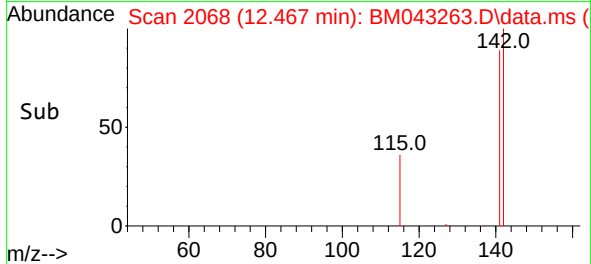
Instrument :
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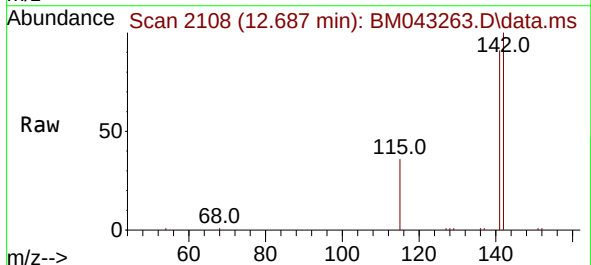
Tgt Ion:142 Resp: 18912
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3

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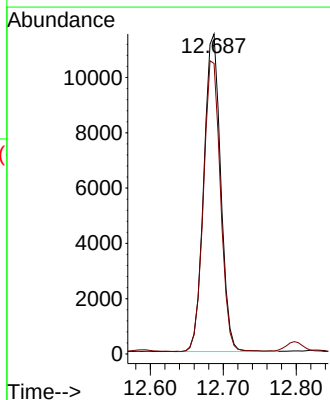
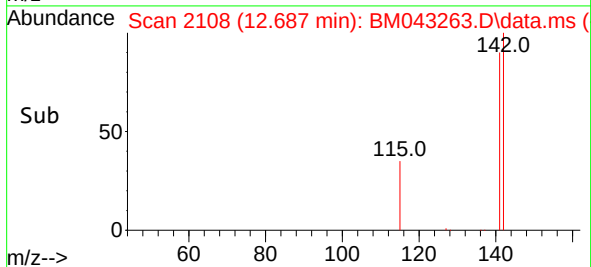
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

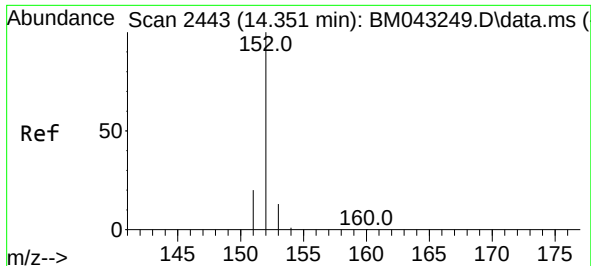


#8
1-Methylnaphthalene
Concen: 0.232 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



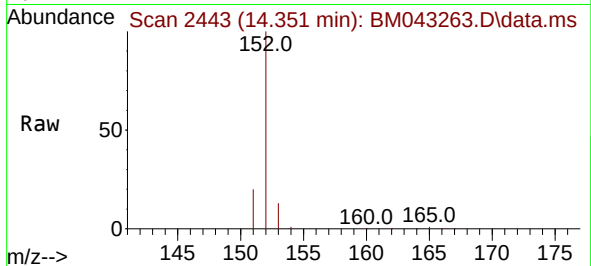
Tgt Ion:142 Resp: 18429
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5





#10
Acenaphthylene
Concen: 0.236 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

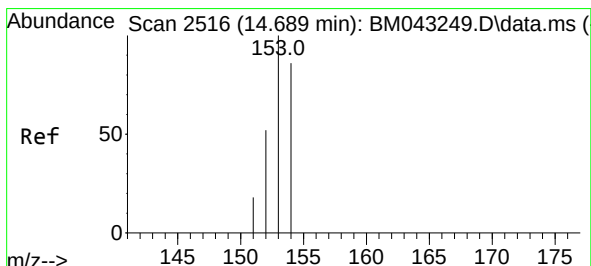
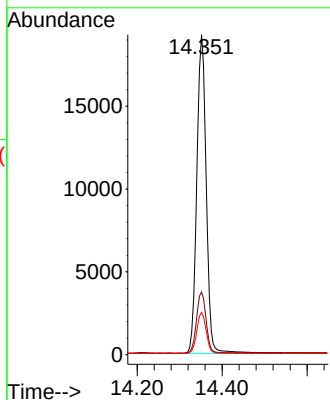
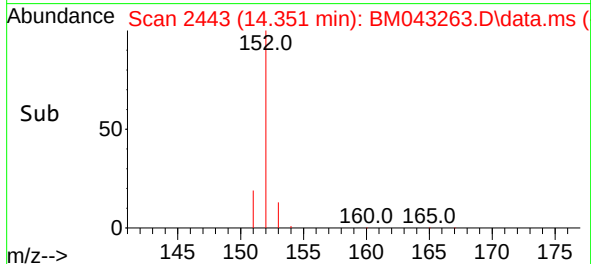
Instrument :
BNA_M
ClientSampleId :
SLCS630



Tgt Ion:152 Resp: 2970
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.2 10.4 15.6

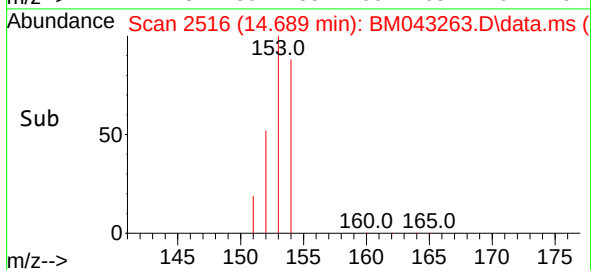
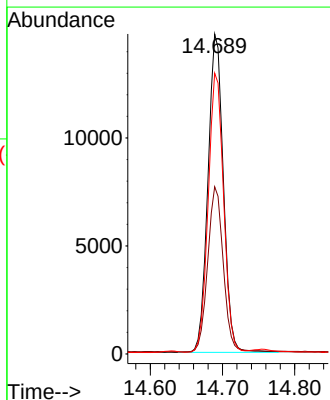
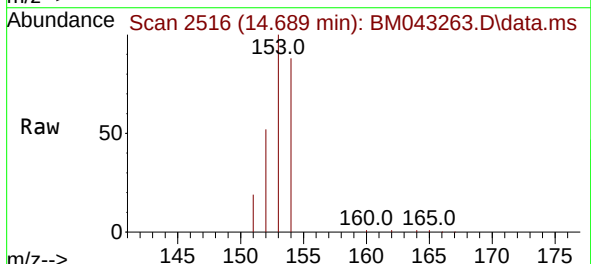
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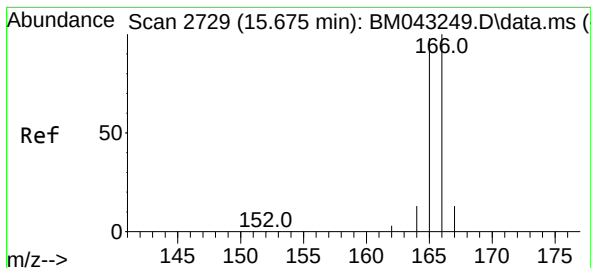
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#11
Acenaphthene
Concen: 0.238 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

Tgt Ion:153 Resp: 21803
Ion Ratio Lower Upper
153 100
152 52.2 42.1 63.1
154 87.7 71.3 106.9





#12

Fluorene

Concen: 0.232 ng/ul

RT: 15.675 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043263.D

Acq: 12 Dec 2023 14:11

Instrument :

BNA_M

ClientSampleId :

SLCS630

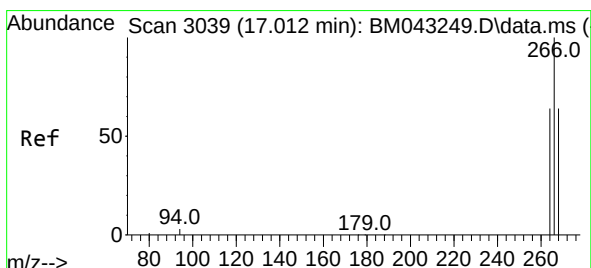
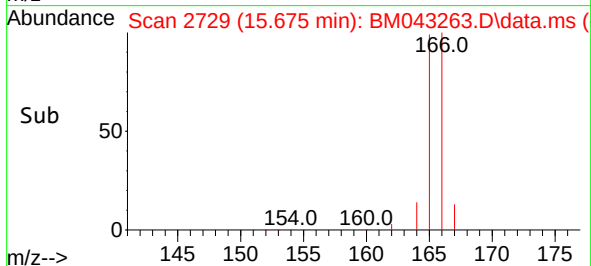
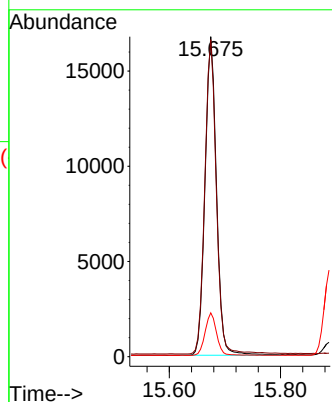
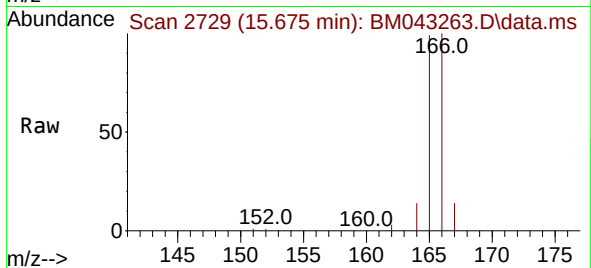
Tgt Ion:166	Resp:	2406
Ion Ratio	Lower	Upper
166	100	
165	99.0	80.3 120.5
167	13.7	10.8 16.2

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#14

Pentachlorophenol

Concen: 0.511 ng/ul

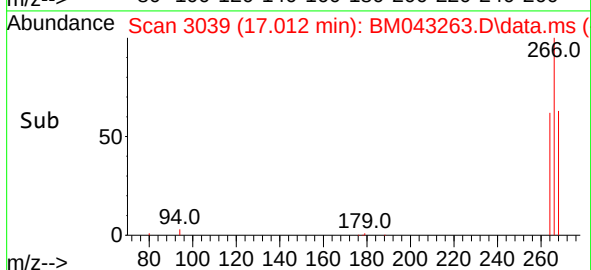
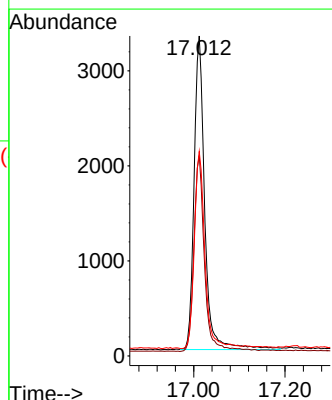
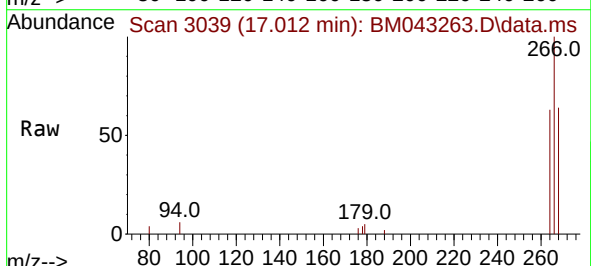
RT: 17.012 min Scan# 3039

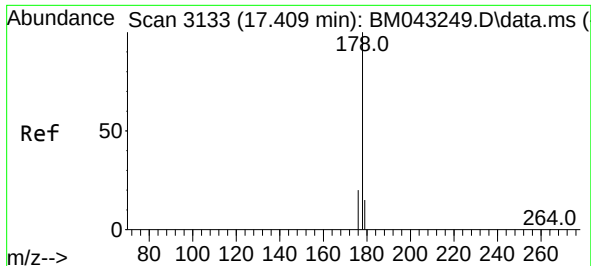
Delta R.T. -0.000 min

Lab File: BM043263.D

Acq: 12 Dec 2023 14:11

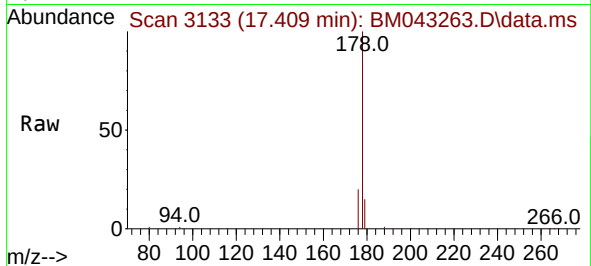
Tgt Ion:266	Resp:	5342
Ion Ratio	Lower	Upper
266	100	
264	62.1	51.7 77.5
268	64.7	51.9 77.9





#15
Phenanthrene
Concen: 0.239 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

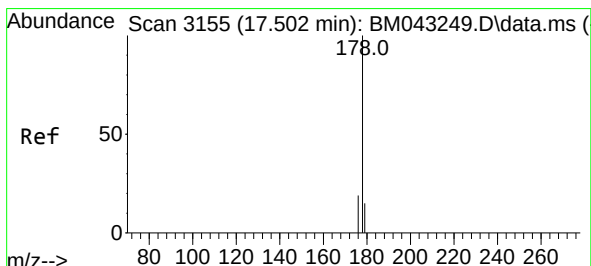
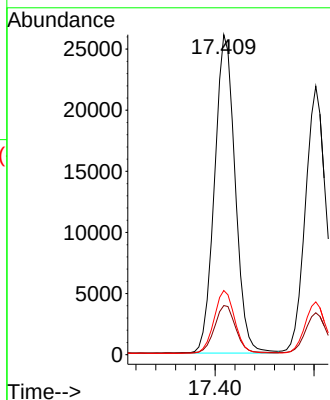
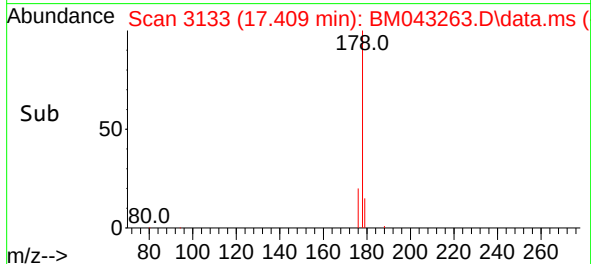
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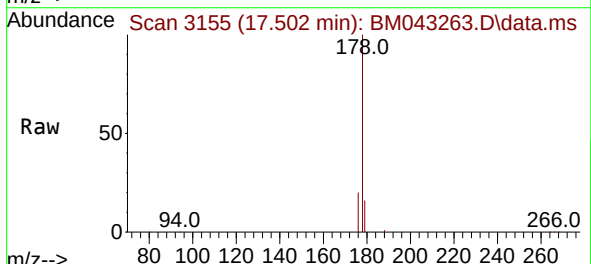
Tgt Ion:178 Resp: 37624
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.1 16.2 24.2

Manual Integrations
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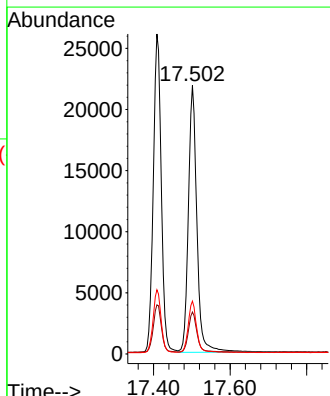
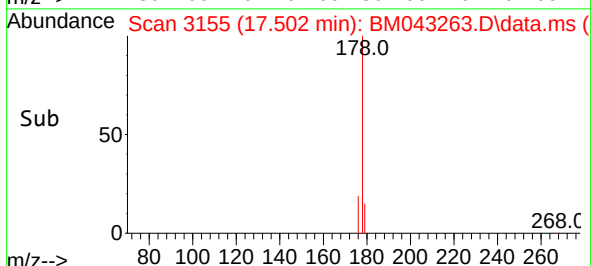
Reviewed By :Yogesh Patel 12/14/2023
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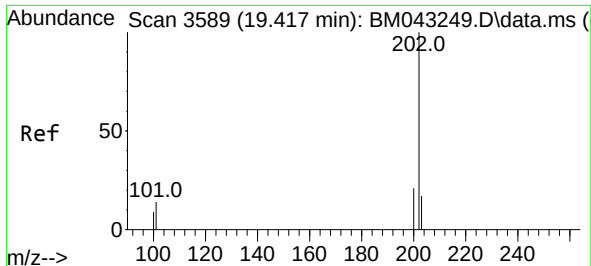


#16
Anthracene
Concen: 0.236 ng/u1
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



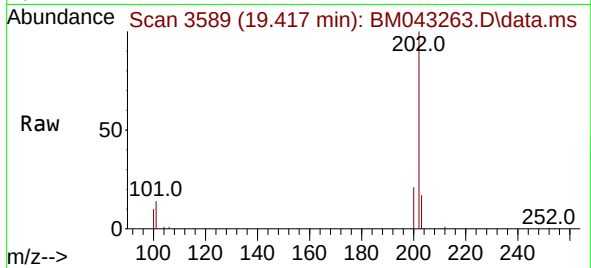
Tgt Ion:178 Resp: 33751
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 0.247 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

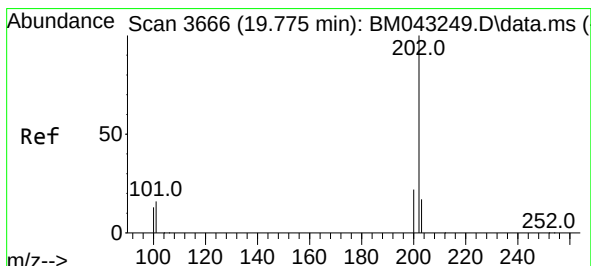
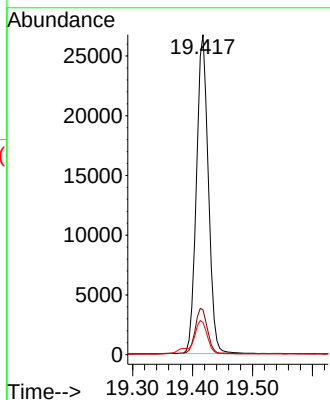
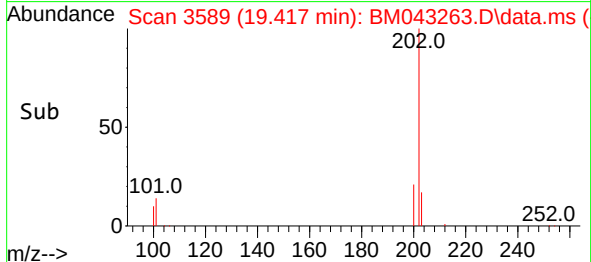
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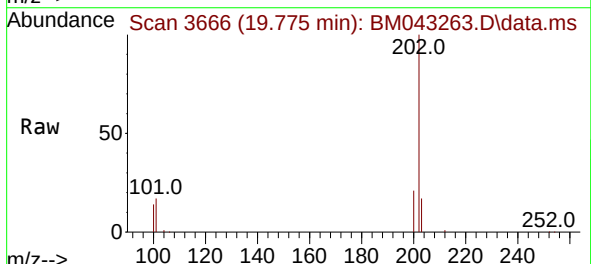
Tgt Ion:202 Resp: 3675
Ion Ratio Lower Upper
202 100
101 14.0 10.1 15.1
100 10.1 7.4 11.2

Manual Integrations
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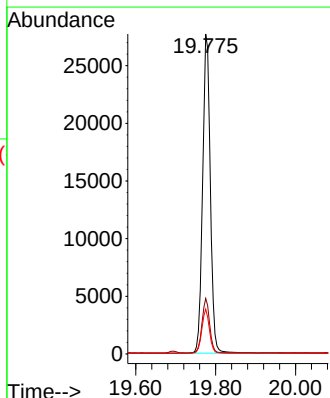
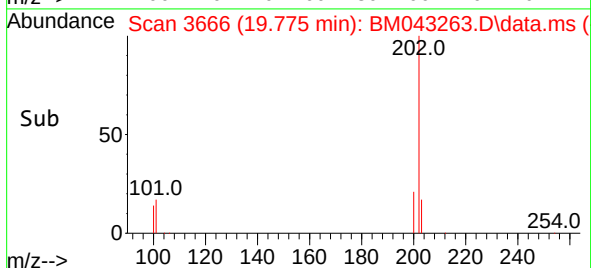
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

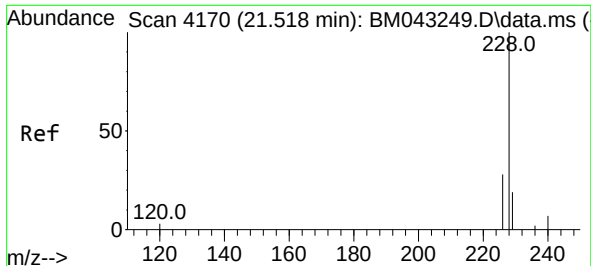


#20
Pyrene
Concen: 0.251 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



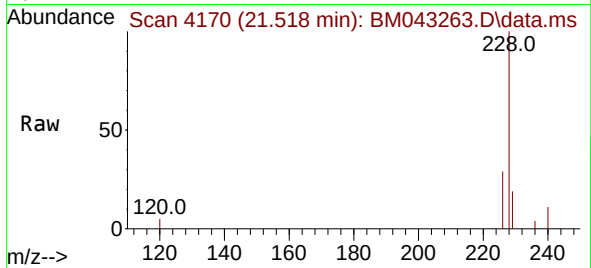
Tgt Ion:202 Resp: 37002
Ion Ratio Lower Upper
202 100
101 17.3 12.7 19.1
100 14.0 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

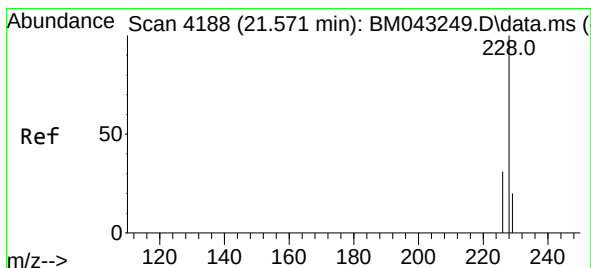
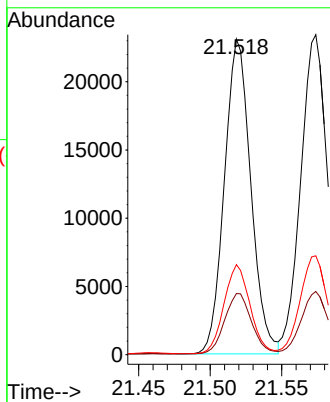
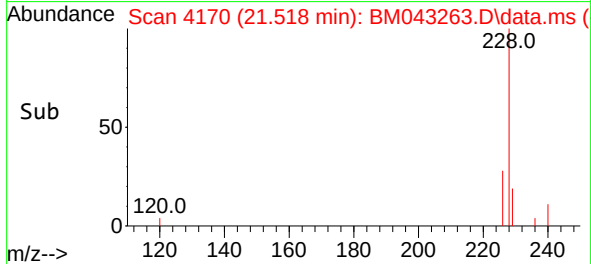
Instrument :
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ClientSampleId :
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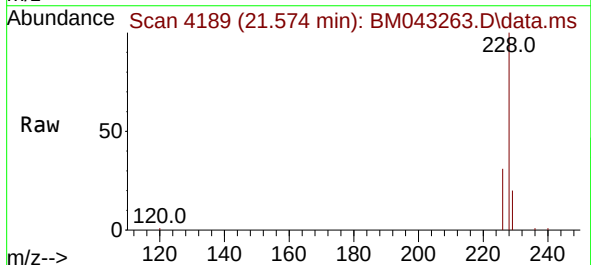
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Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 28.6 22.6 34.0

Manual Integrations
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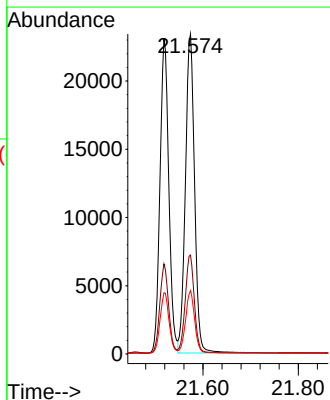
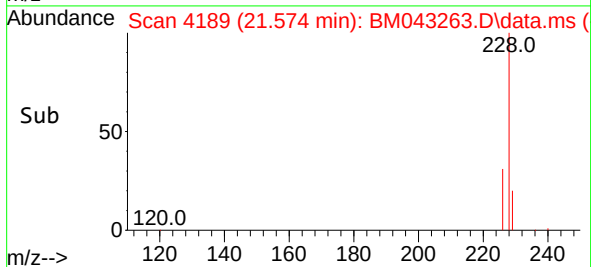
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

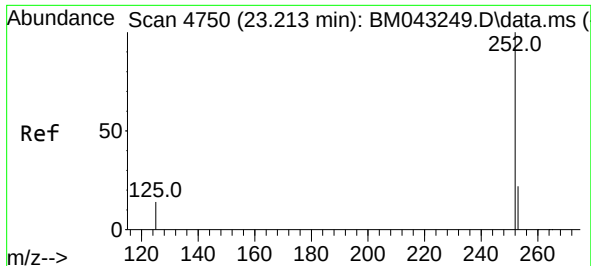


#22
Chrysene
Concen: 0.256 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



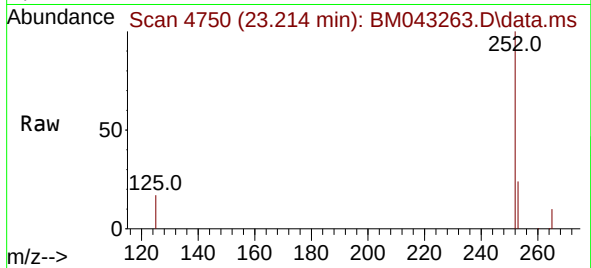
Tgt Ion:228 Resp: 31231
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.245 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

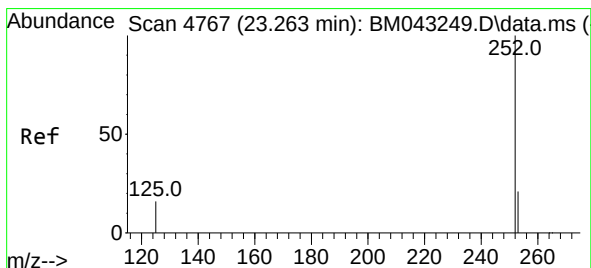
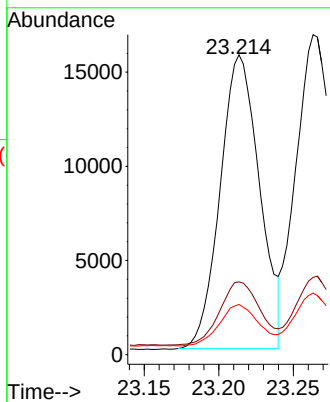
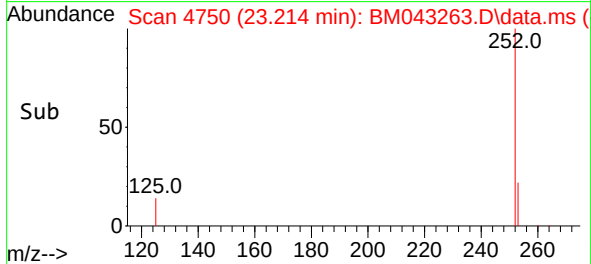
Instrument :
BNA_M
ClientSampleId :
SLCS630



Tgt Ion:252 Resp: 2868
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.8
125 16.8 0.0 29.2

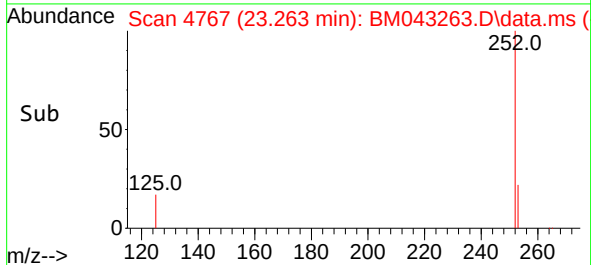
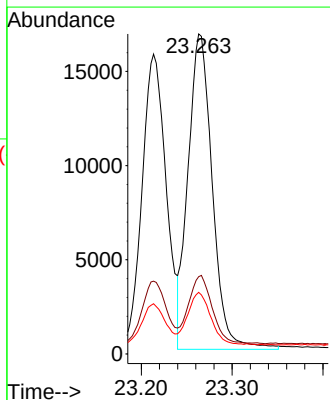
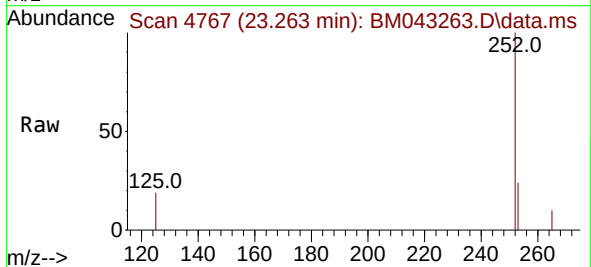
Manual Integrations
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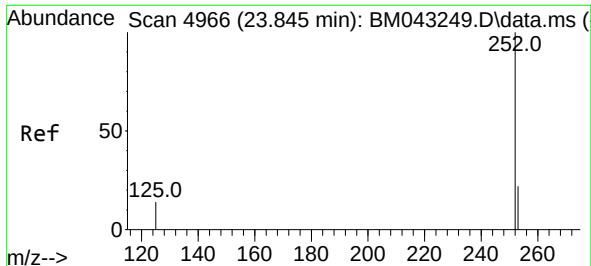
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

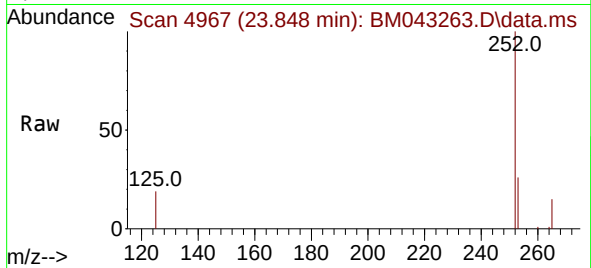
Tgt Ion:252 Resp: 31118
Ion Ratio Lower Upper
252 100
253 24.1 18.6 28.0
125 19.2 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.848 min Scan# 4966
Delta R.T. 0.003 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

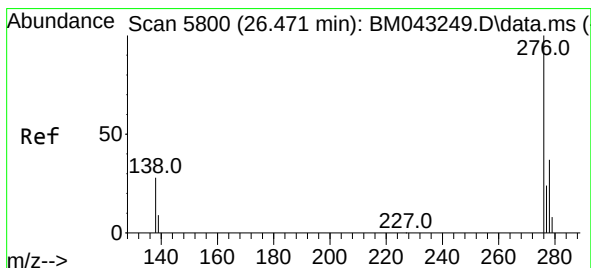
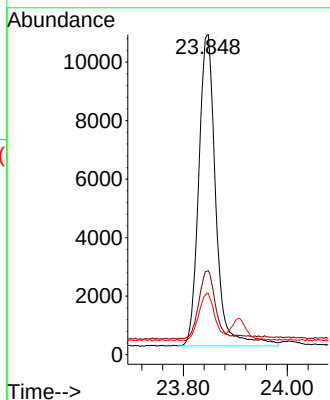
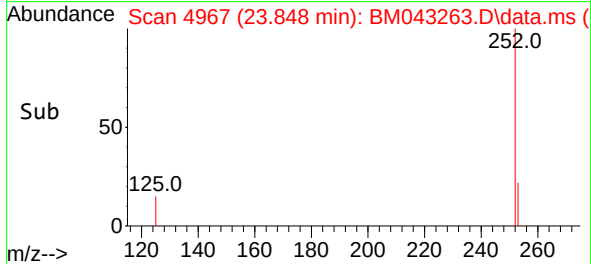
Instrument :
BNA_M
ClientSampleId :
SLCS630



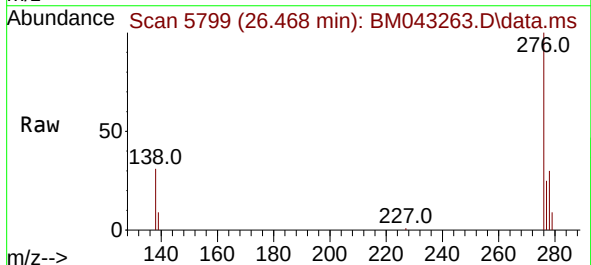
Tgt Ion:252 Resp: 2424
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.2
125 19.2 13.5 20.3

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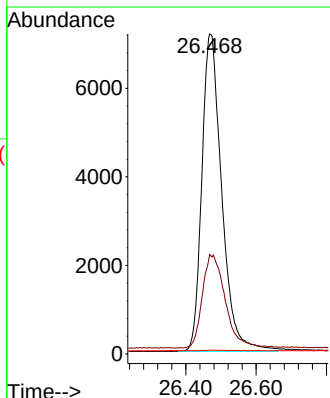
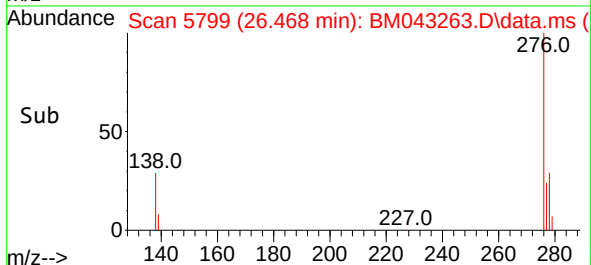
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

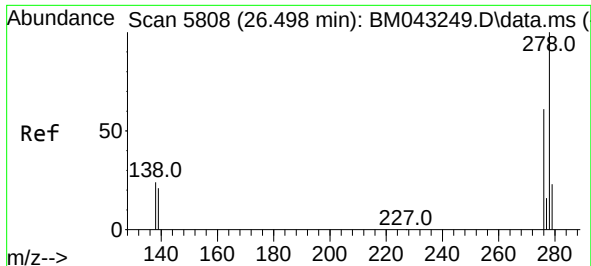


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. -0.003 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



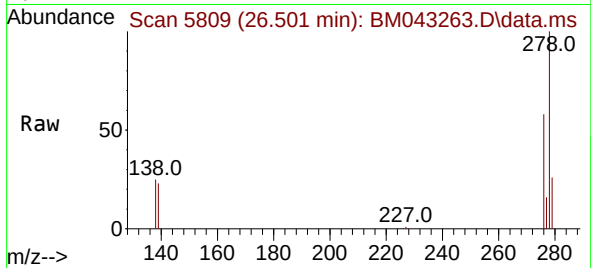
Tgt Ion:276 Resp: 28217
Ion Ratio Lower Upper
276 100
138 33.8 24.6 36.8
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.260 ng/ul
RT: 26.501 min Scan# 5809
Delta R.T. -0.000 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11

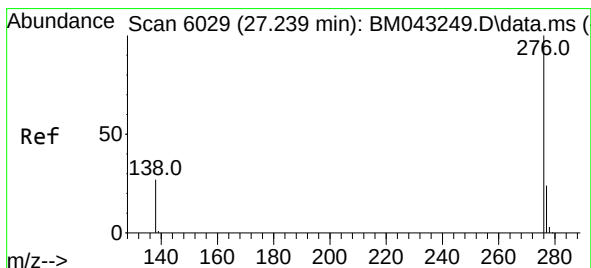
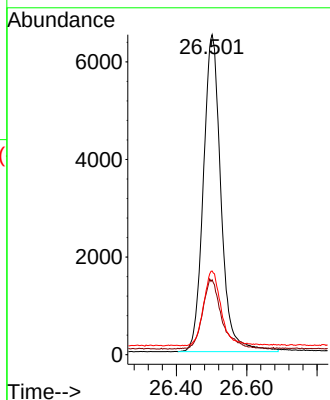
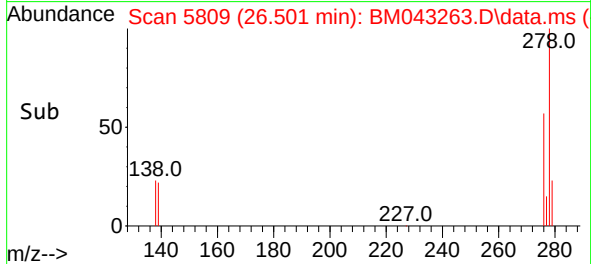
Instrument :
BNA_M
ClientSampleId :
SLCS630



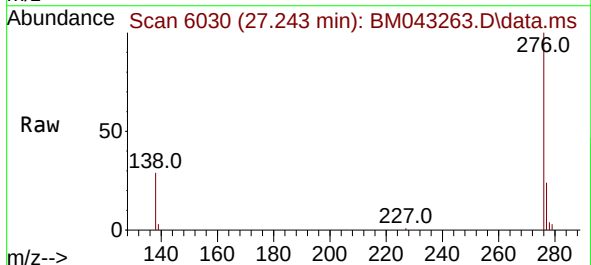
Tgt Ion:278 Resp: 2262
Ion Ratio Lower Upper
278 100
139 23.4 17.4 26.2
279 26.1 20.9 31.3

Manual Integrations
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Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 27.243 min Scan# 6030
Delta R.T. 0.003 min
Lab File: BM043263.D
Acq: 12 Dec 2023 14:11



Tgt Ion:276 Resp: 24024
Ion Ratio Lower Upper
276 100
138 29.4 23.1 34.7
277 24.2 19.4 29.0

