

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048783.D
 Acq On : 18 Nov 2024 19:03
 Operator : RC/JU
 Sample : PB165021BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS021

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/20/2024

Quant Time: Nov 18 22:22:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 11:56:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2194m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.509	136	7062	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.309	164	4367	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	8370	0.400	ng/ul	0.01
17) Chrysene-d12	21.252	240	7233	0.400	ng/ul	0.00
23) Perylene-d12	23.453	264	8186	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	2291	0.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.114	152	3217	0.352	ng/ul	0.02
18) Fluoranthene-d10	19.096	212	7812	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	6494	2.134	ng/ul#	63
5) Naphthalene	10.553	128	6244	0.353	ng/ul#	89
7) 2-Methylnaphthalene	12.180	142	3172	0.285	ng/ul	91
8) 1-Methylnaphthalene	12.367	142	4365	0.383	ng/ul	99
10) Acenaphthylene	14.040	152	5780	0.348	ng/ul	95
11) Acenaphthene	14.369	153	4838	0.365	ng/ul	98
12) Fluorene	15.405	166	4998	0.347	ng/ul	99
14) Pentachlorophenol	16.745	266	1488	0.484	ng/ul	98
15) Phenanthrene	17.121	178	6878	0.313	ng/ul	96
16) Anthracene	17.244	178	5842	0.286	ng/ul#	94
19) Fluoranthene	19.129	202	9692	0.362	ng/ul	96
20) Pyrene	19.486	202	10598	0.365	ng/ul	97
21) Benzo(a)anthracene	21.249	228	6159	0.260	ng/ul	97
22) Chrysene	21.284	228	12410	0.437	ng/ul	99
24) Benzo(b)fluoranthene	22.792	252	8487	0.333	ng/ul	95
25) Benzo(k)fluoranthene	22.836	252	12204	0.408	ng/ul	96
26) Benzo(a)pyrene	23.371	252	9340	0.375	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.703	276	12146	0.349	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.723	278	8761	0.324	ng/ul#	89
29) Benzo(g,h,i)perylene	26.377	276	11093	0.380	ng/ul	98

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

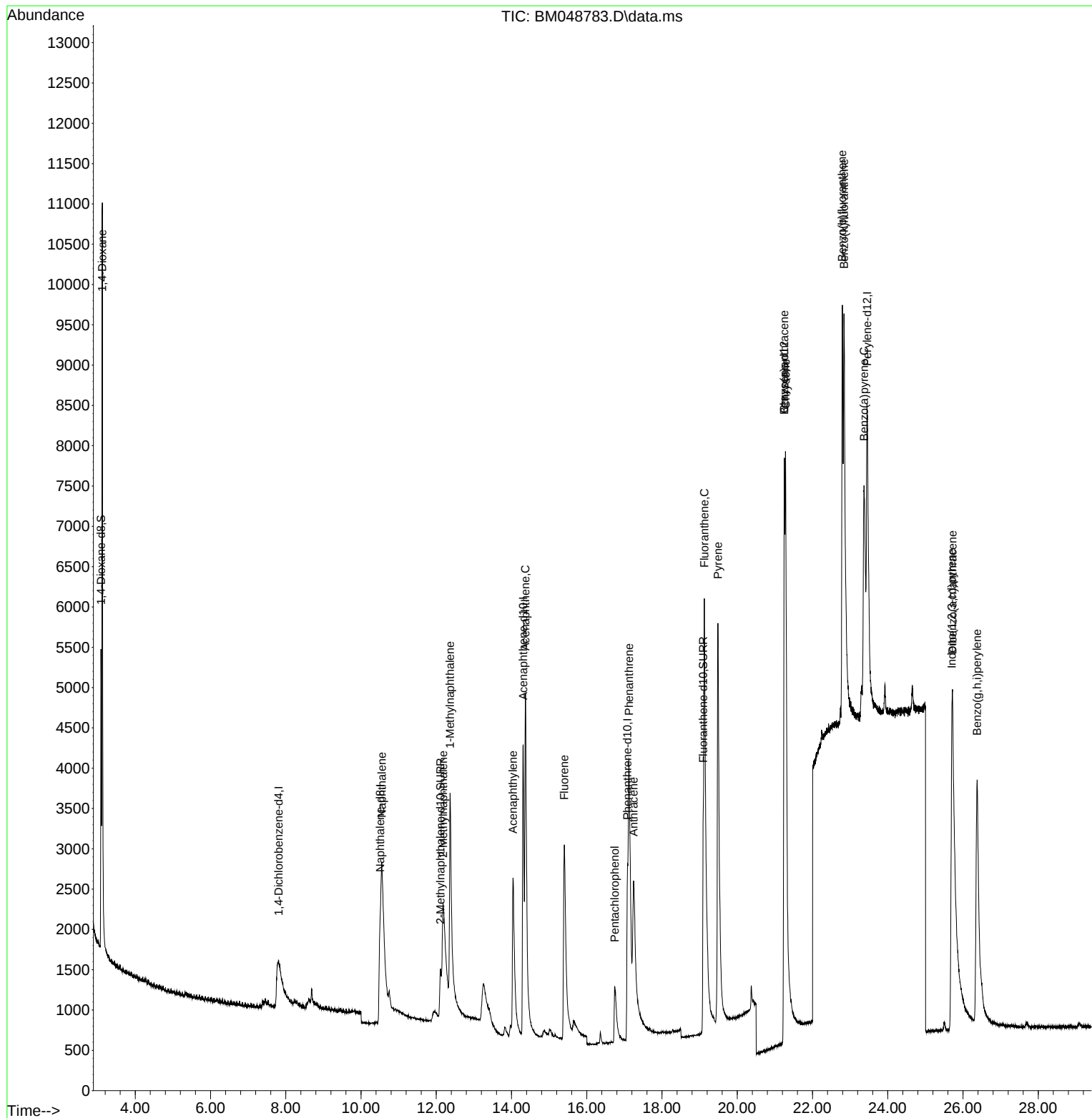
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048783.D
Acq On : 18 Nov 2024 19:03
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ALS Vial : 16 Sample Multiplier: 1

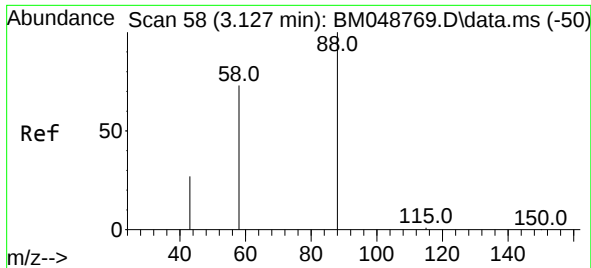
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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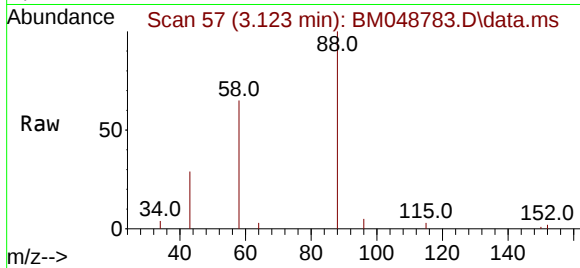
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024





#2
1,4-Dioxane
Concen: 2.134 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

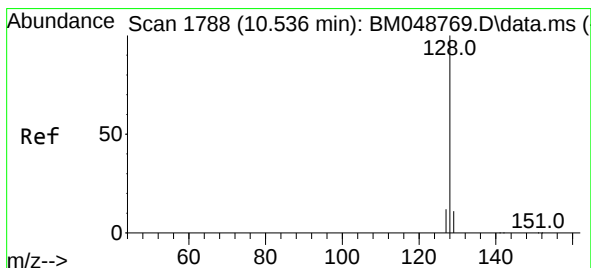
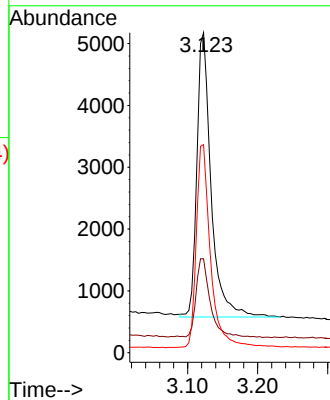
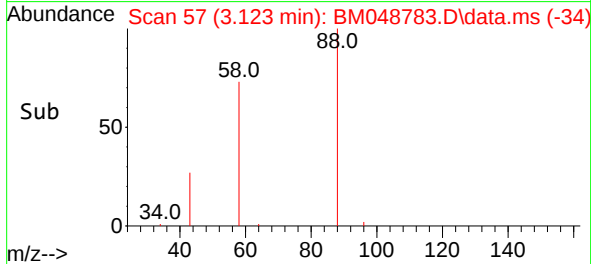
Instrument :
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ClientSampleId :
SLCS021



Tgt Ion: 88 Resp: 6494
Ion Ratio Lower Upper
88 100
43 29.3 60.2 90.4#
58 65.0 44.2 66.2

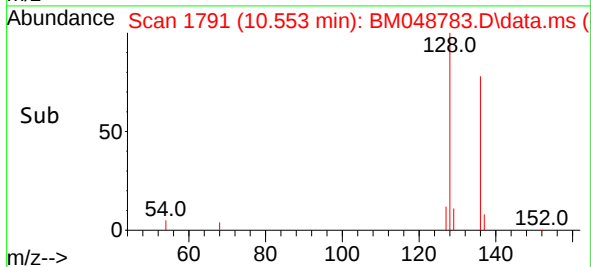
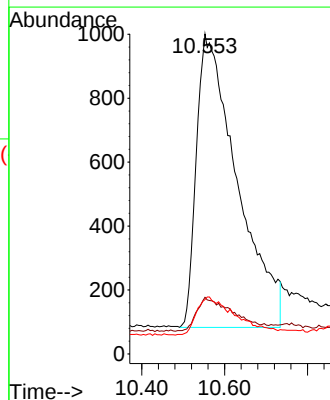
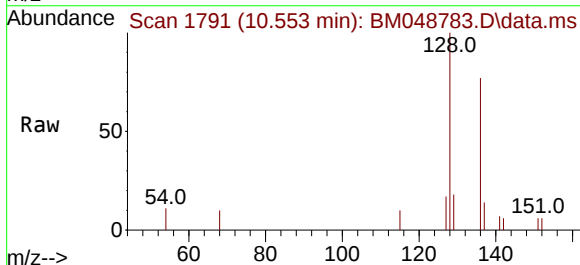
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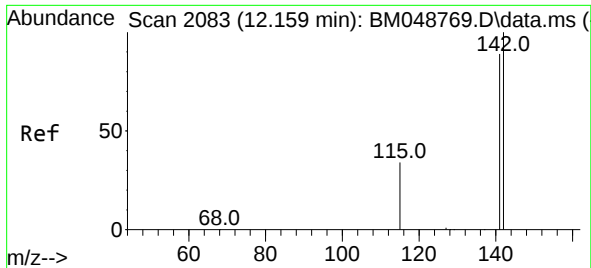
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.553 min Scan# 1791
Delta R.T. 0.016 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

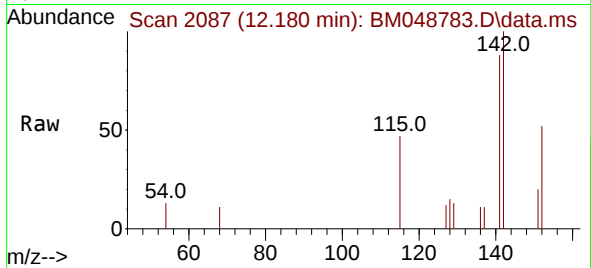
Tgt Ion:128 Resp: 6244
Ion Ratio Lower Upper
128 100
129 17.7 10.0 15.0#
127 17.0 10.9 16.3#





#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.180 min Scan# 2087
Delta R.T. 0.022 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

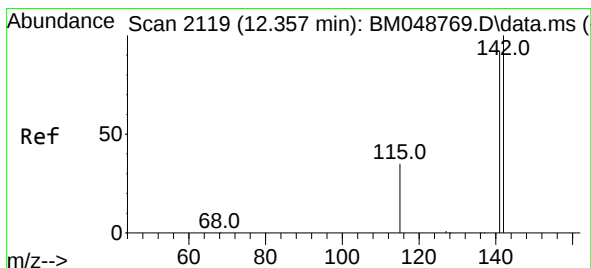
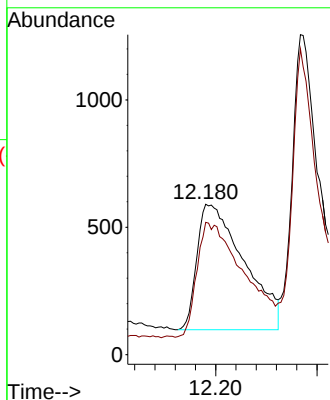
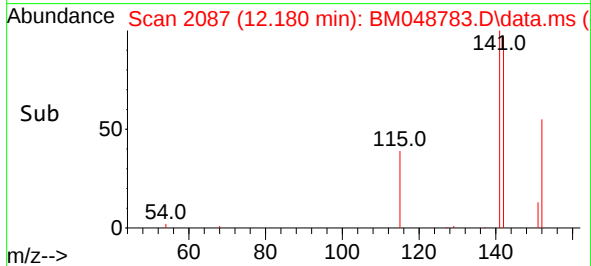
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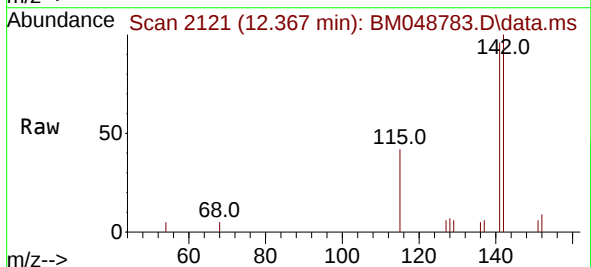
Tgt Ion:142 Resp: 3172
Ion Ratio Lower Upper
142 100
141 93.9 68.6 103.0

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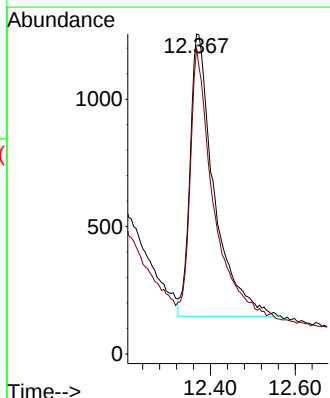
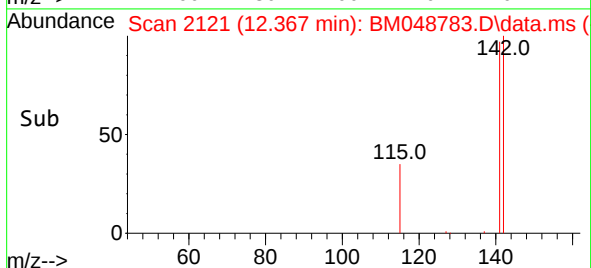
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

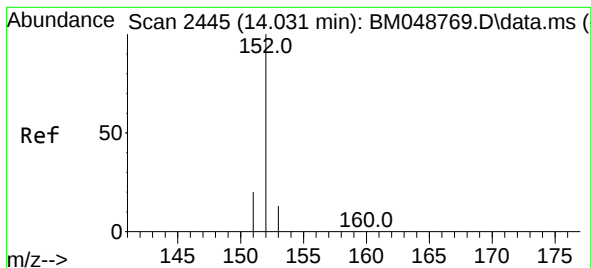


#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.367 min Scan# 2121
Delta R.T. 0.011 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03



Tgt Ion:142 Resp: 4365
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2





#10

Acenaphthylene

Concen: 0.348 ng/ul

RT: 14.040 min Scan# 2445

Delta R.T. 0.009 min

Lab File: BM048783.D

Acq: 18 Nov 2024 19:03

Instrument :

BNA_M

ClientSampleId :

SLCS021

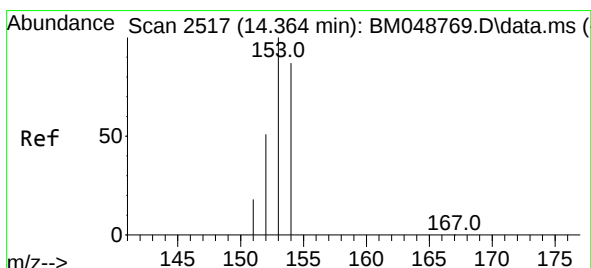
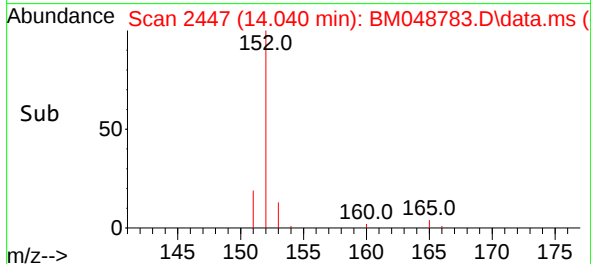
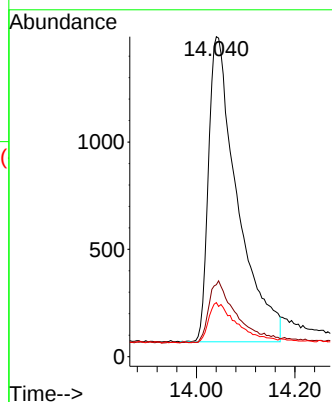
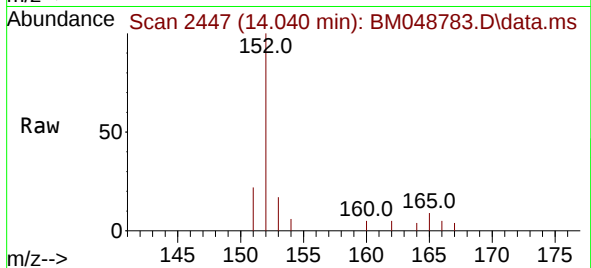
Tgt Ion:152	Resp:	5780
Ion Ratio	Lower	Upper
152	100	
151	22.5	16.5 24.7
153	16.9	11.6 17.4

Manual Integrations

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#11

Acenaphthene

Concen: 0.365 ng/ul

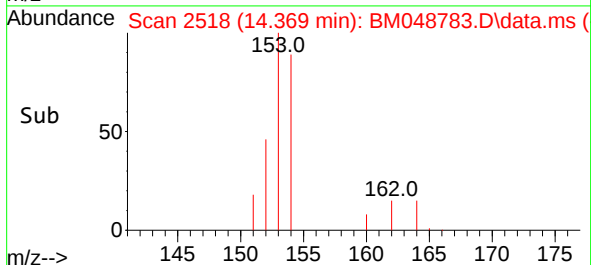
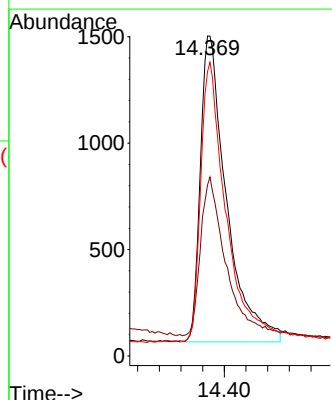
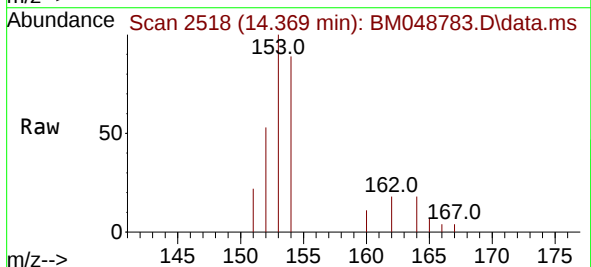
RT: 14.369 min Scan# 2518

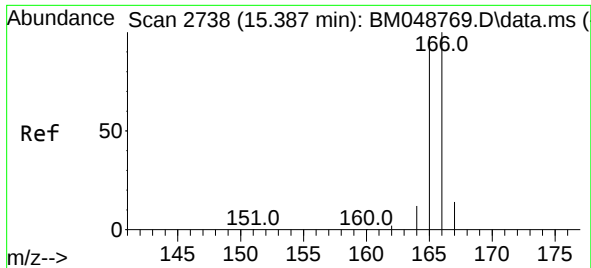
Delta R.T. 0.004 min

Lab File: BM048783.D

Acq: 18 Nov 2024 19:03

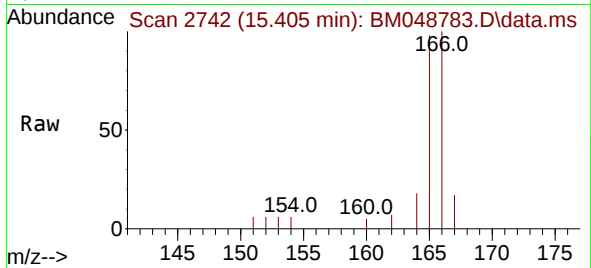
Tgt Ion:153	Resp:	4838
Ion Ratio	Lower	Upper
153	100	
152	53.5	41.1 61.7
154	88.9	70.3 105.5





#12
Fluorene
Concen: 0.347 ng/ul
RT: 15.405 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

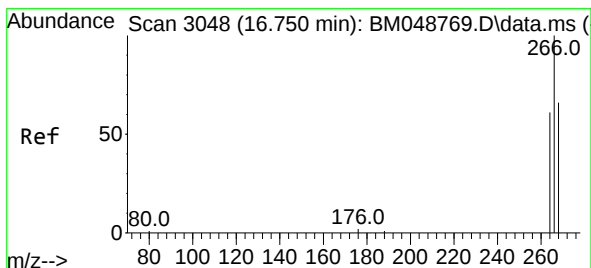
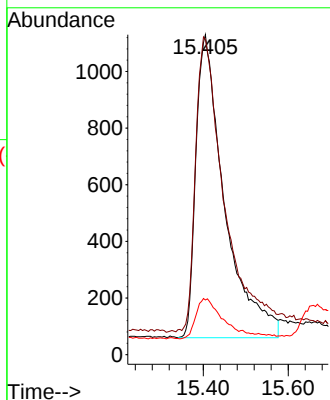
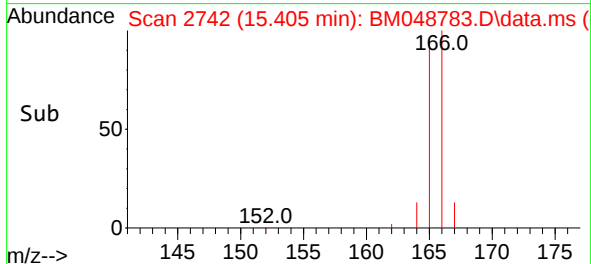
Instrument :
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Tgt Ion:166 Resp: 4998
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 17.1 12.6 18.8

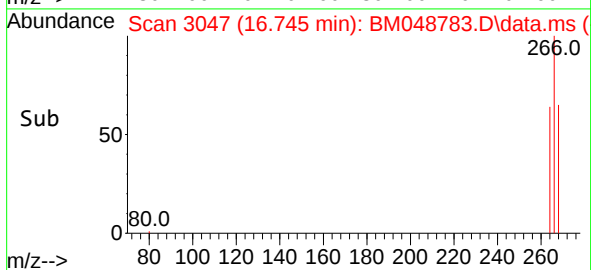
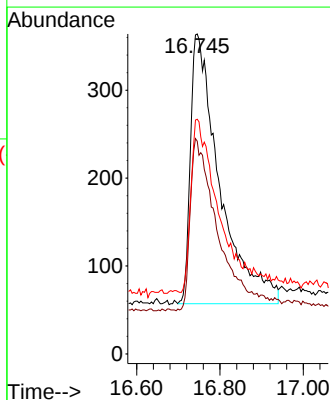
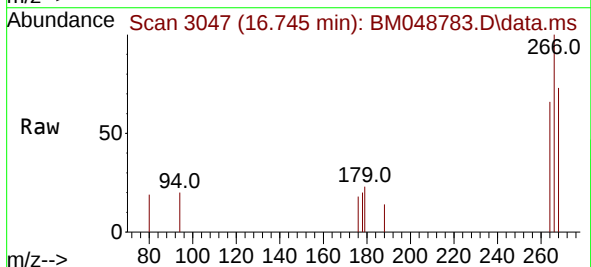
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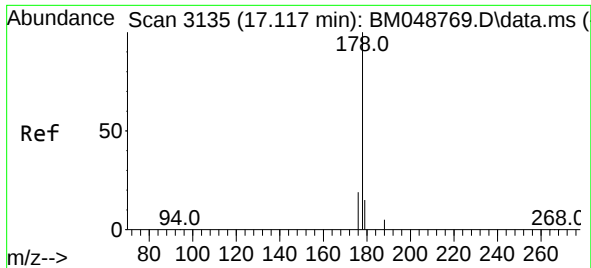
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#14
Pentachlorophenol
Concen: 0.484 ng/ul
RT: 16.745 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

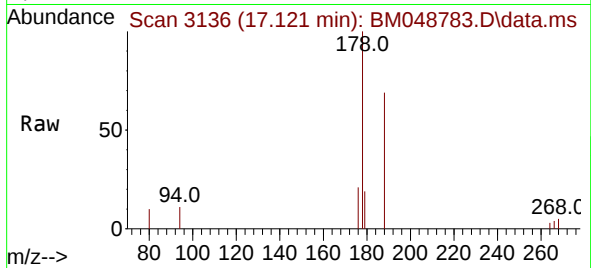
Tgt Ion:266 Resp: 1488
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 64.3 49.4 74.0





#15
Phenanthrene
Concen: 0.313 ng/u1
RT: 17.121 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

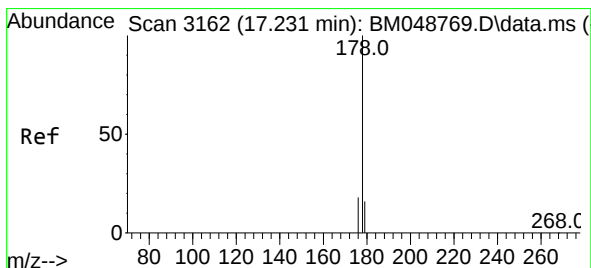
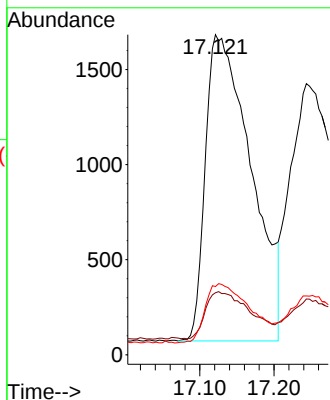
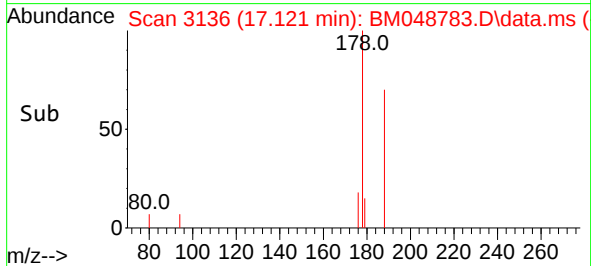
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Tgt Ion:178 Resp: 6878
Ion Ratio Lower Upper
178 100
179 19.4 13.4 20.0
176 21.3 16.2 24.2

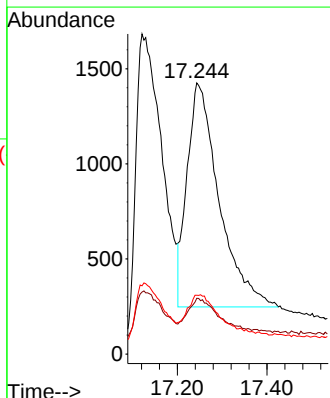
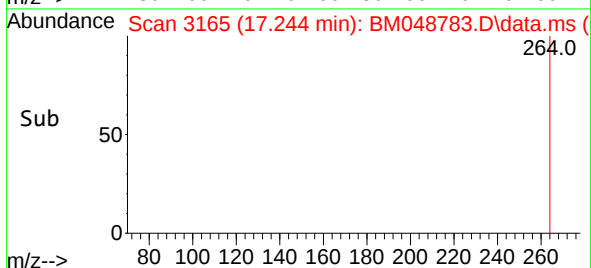
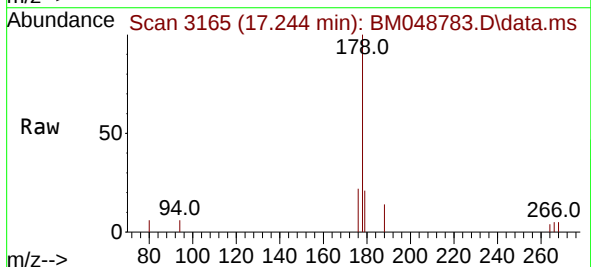
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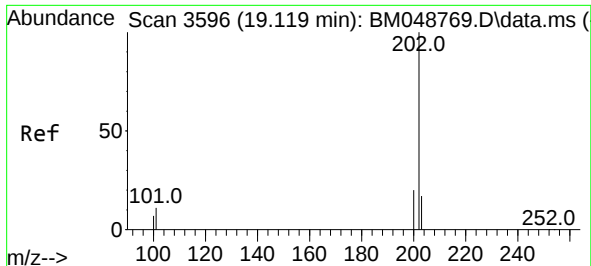
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#16
Anthracene
Concen: 0.286 ng/u1
RT: 17.244 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

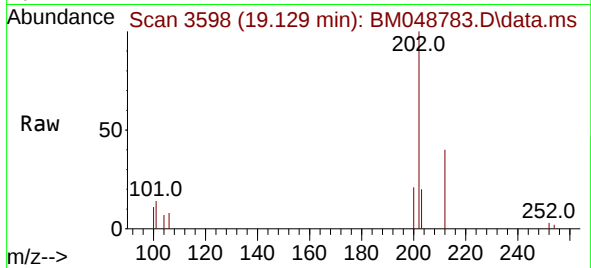
Tgt Ion:178 Resp: 5842
Ion Ratio Lower Upper
178 100
179 20.5 13.7 20.5#
176 21.7 15.9 23.9





#19
Fluoranthene
Concen: 0.362 ng/u1
RT: 19.129 min Scan# 3598
Delta R.T. 0.009 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

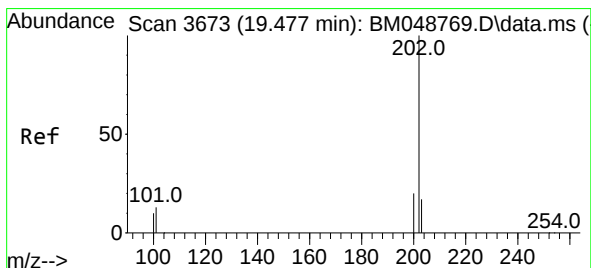
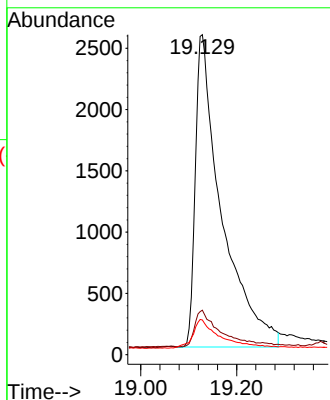
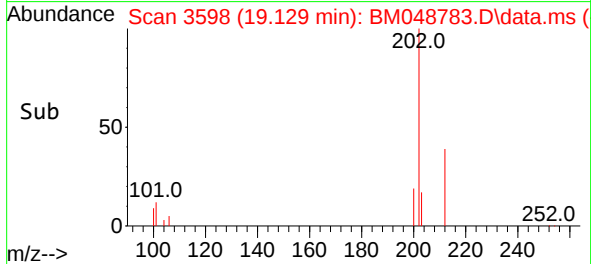
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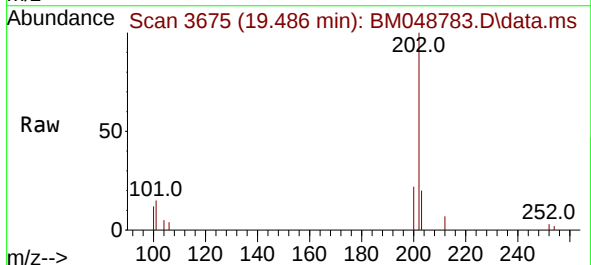
Tgt Ion:202 Resp: 969
Ion Ratio Lower Upper
202 100
101 13.9 10.2 15.4
100 10.8 7.3 10.9

Manual Integrations
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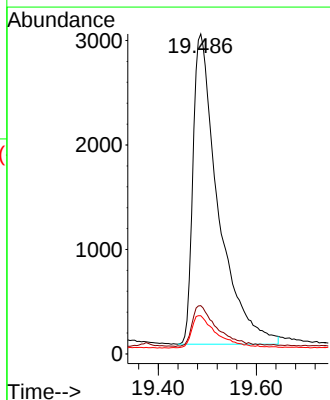
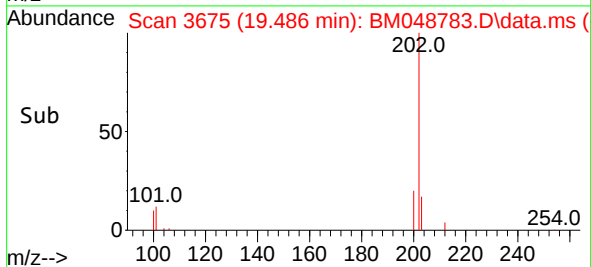
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

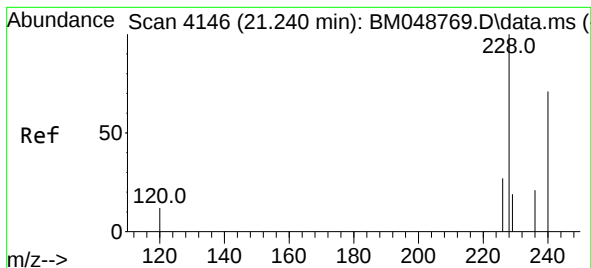


#20
Pyrene
Concen: 0.365 ng/u1
RT: 19.486 min Scan# 3675
Delta R.T. 0.009 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03



Tgt Ion:202 Resp: 10598
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.2
100 11.9 8.5 12.7





#21

Benzo(a)anthracene

Concen: 0.260 ng/ul

RT: 21.249 min Scan# 4149

Delta R.T. 0.008 min

Lab File: BM048783.D

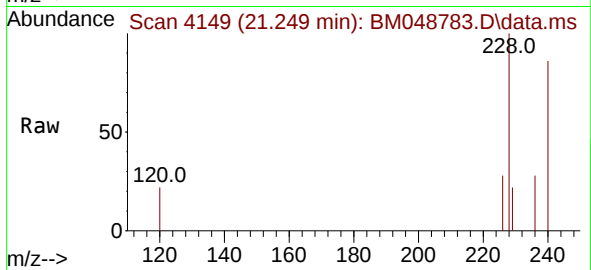
Acq: 18 Nov 2024 19:03

Instrument :

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ClientSampleId :

SLCS021



Tgt Ion:228 Resp: 6159

Ion Ratio Lower Upper

228 100

229 21.9 16.2 24.2

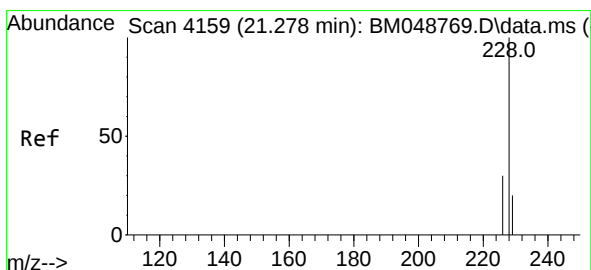
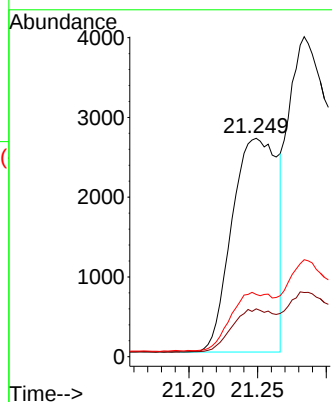
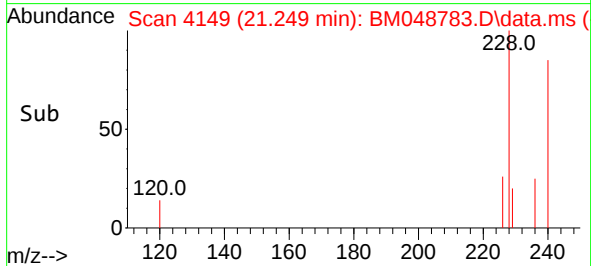
226 28.5 22.1 33.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/20/2024



#22

Chrysene

Concen: 0.437 ng/ul

RT: 21.284 min Scan# 4161

Delta R.T. 0.006 min

Lab File: BM048783.D

Acq: 18 Nov 2024 19:03

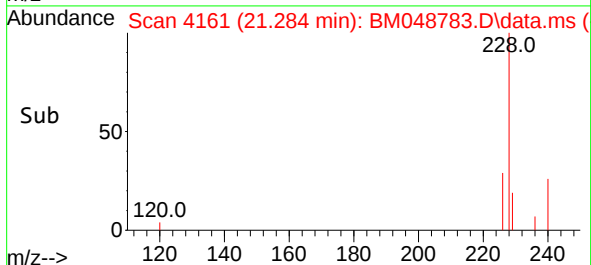
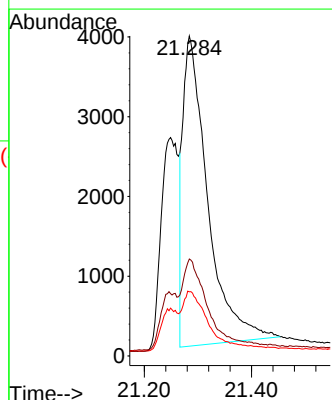
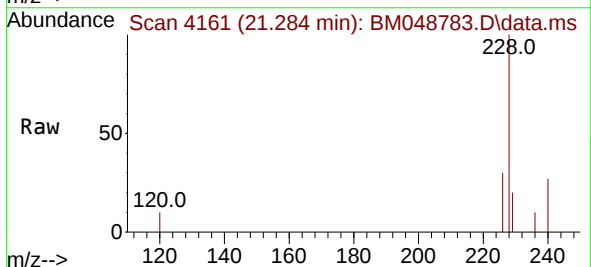
Tgt Ion:228 Resp: 12410

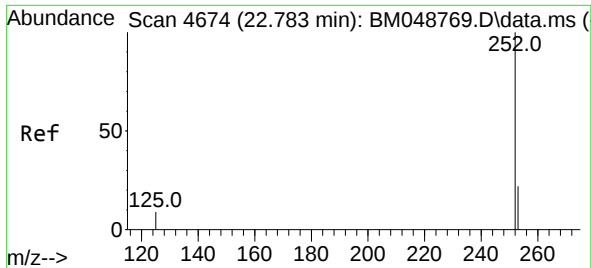
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

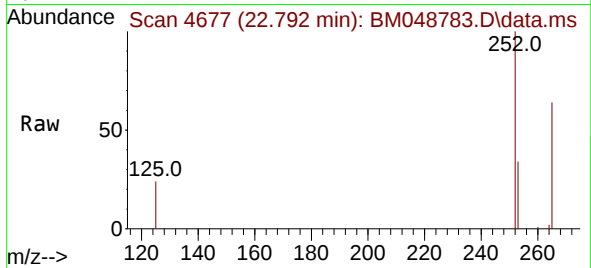
229 20.1 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 22.792 min Scan# 4677
Delta R.T. 0.009 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

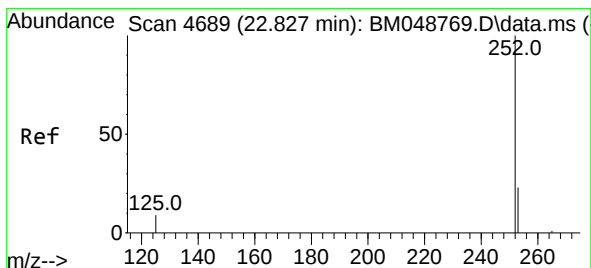
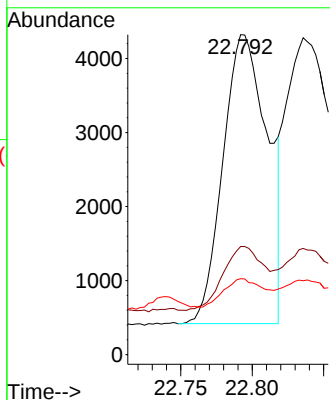
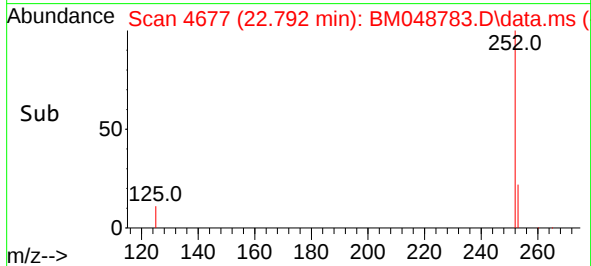
Instrument :
BNA_M
ClientSampleId :
SLCS021



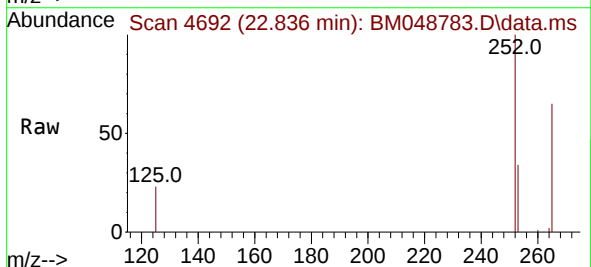
Tgt Ion:252 Resp: 848
Ion Ratio Lower Upper
252 100
253 33.8 0.0 61.6
125 23.8 0.0 43.2

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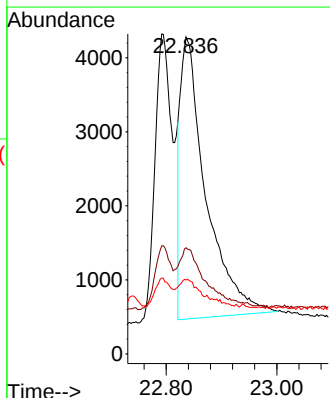
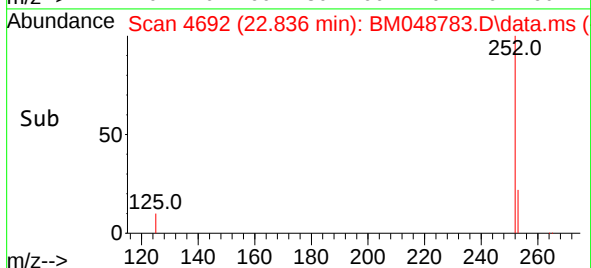
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

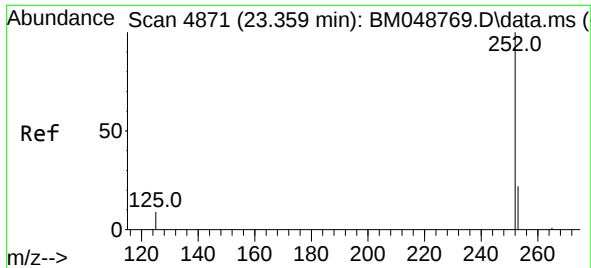


#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 22.836 min Scan# 4692
Delta R.T. 0.009 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03



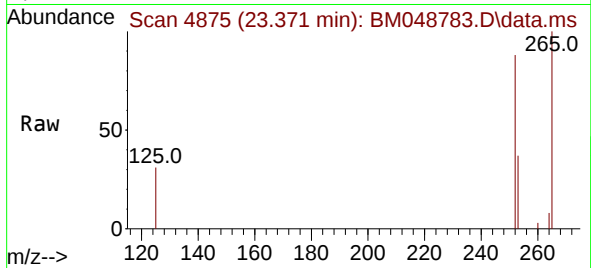
Tgt Ion:252 Resp: 12204
Ion Ratio Lower Upper
252 100
253 33.5 25.0 37.4
125 23.3 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.371 min Scan# 4875
Delta R.T. 0.011 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

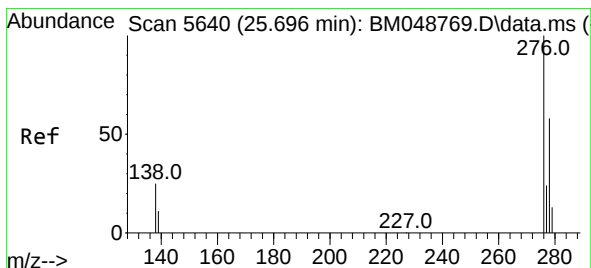
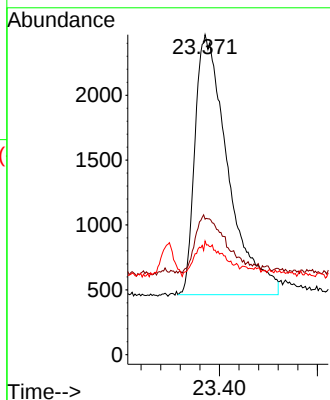
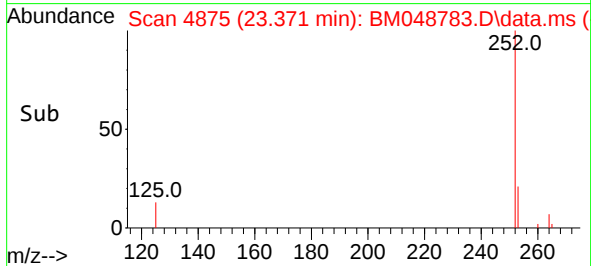
Instrument :
BNA_M
ClientSampleId :
SLCS021



Tgt Ion:252 Resp: 9340
Ion Ratio Lower Upper
252 100
253 42.4 29.6 44.4
125 35.5 23.9 35.9

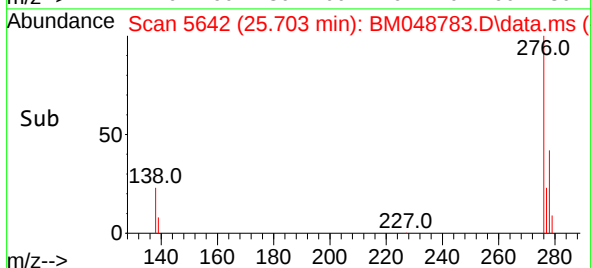
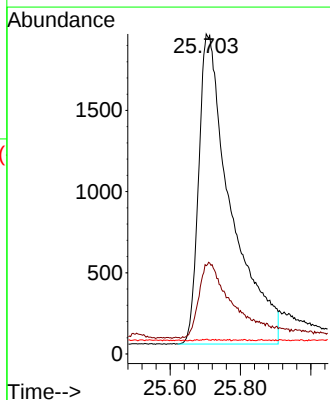
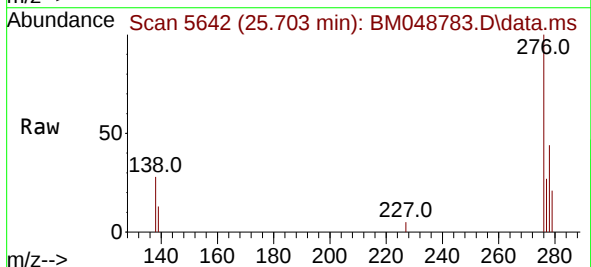
Manual Integrations
APPROVED

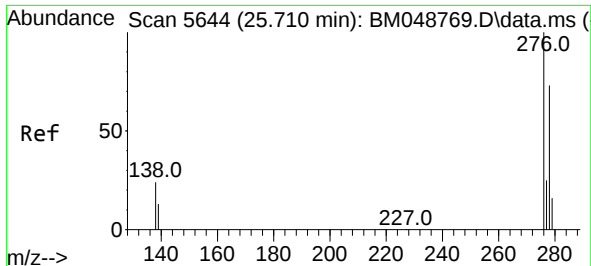
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.703 min Scan# 5642
Delta R.T. 0.006 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

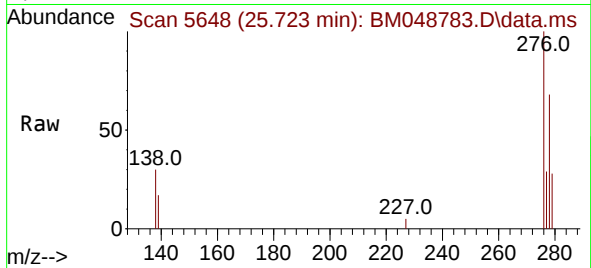
Tgt Ion:276 Resp: 12146
Ion Ratio Lower Upper
276 100
138 26.0 20.1 30.1
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 25.723 min Scan# 5644
Delta R.T. 0.013 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03

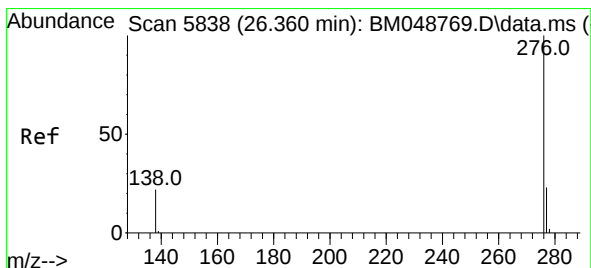
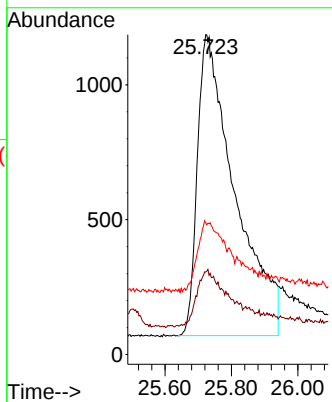
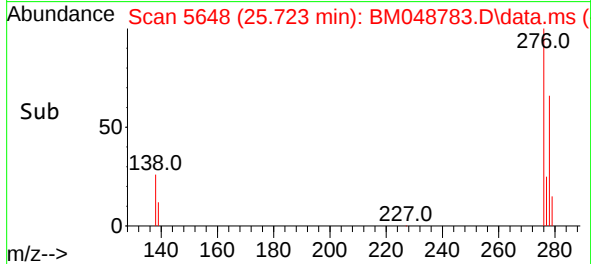
Instrument :
BNA_M
ClientSampleId :
SLCS021



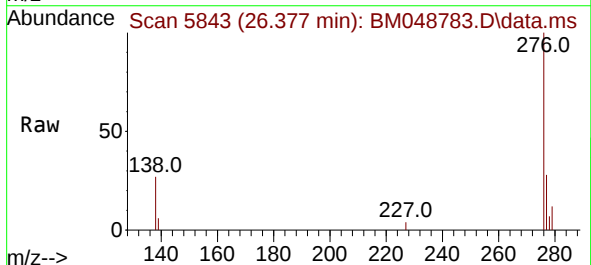
Tgt Ion:278 Resp: 876
Ion Ratio Lower Upper
278 100
139 25.8 17.8 26.8
279 41.1 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.377 min Scan# 5843
Delta R.T. 0.017 min
Lab File: BM048783.D
Acq: 18 Nov 2024 19:03



Tgt Ion:276 Resp: 11093
Ion Ratio Lower Upper
276 100
138 26.8 21.0 31.6
277 27.7 20.5 30.7

