

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048693.D
 Acq On : 15 Nov 2024 03:34
 Operator : RC/JU
 Sample : PB164923BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 15 04:16:18 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 : Wed Nov 13 11:38:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2729m	0.400	ng/ul	0.04
4) Naphthalene-d8	10.507	136	9195	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.326	164	5618	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	11359	0.400	ng/ul	0.00
17) Chrysene-d12	21.268	240	8967	0.400	ng/ul	0.00
23) Perylene-d12	23.487	264	9130	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	2772	0.842	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	4756	0.400	ng/ul	0.01
18) Fluoranthene-d10	19.114	212	11106	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	8031	2.122	ng/ul#	63
5) Naphthalene	10.557	128	9200	0.399	ng/ul	95
7) 2-Methylnaphthalene	12.190	142	5233	0.361	ng/ul	92
8) 1-Methylnaphthalene	12.383	142	6278	0.423	ng/ul	100
10) Acenaphthylene	14.053	152	8545	0.400	ng/ul	99
11) Acenaphthene	14.391	153	6917	0.405	ng/ul	99
12) Fluorene	15.404	166	7393	0.399	ng/ul	99
14) Pentachlorophenol	16.753	266	2218	0.532	ng/ul	99
15) Phenanthrene	17.133	178	10815	0.362	ng/ul	98
16) Anthracene	17.251	178	9486	0.342	ng/ul	97
19) Fluoranthene	19.146	202	14431	0.435	ng/ul	99
20) Pyrene	19.504	202	15640	0.434	ng/ul	99
21) Benzo(a)anthracene	21.262	228	9232	0.314	ng/ul	99
22) Chrysene	21.303	228	17351	0.493	ng/ul	99
24) Benzo(b)fluoranthene	22.820	252	12532	0.440	ng/ul	97
25) Benzo(k)fluoranthene	22.864	252	16287	0.488	ng/ul	99
26) Benzo(a)pyrene	23.402	252	12173	0.438	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.759	276	14658	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.779	278	10664	0.353	ng/ul	94
29) Benzo(g,h,i)perylene	26.436	276	13476	0.414	ng/ul	99

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

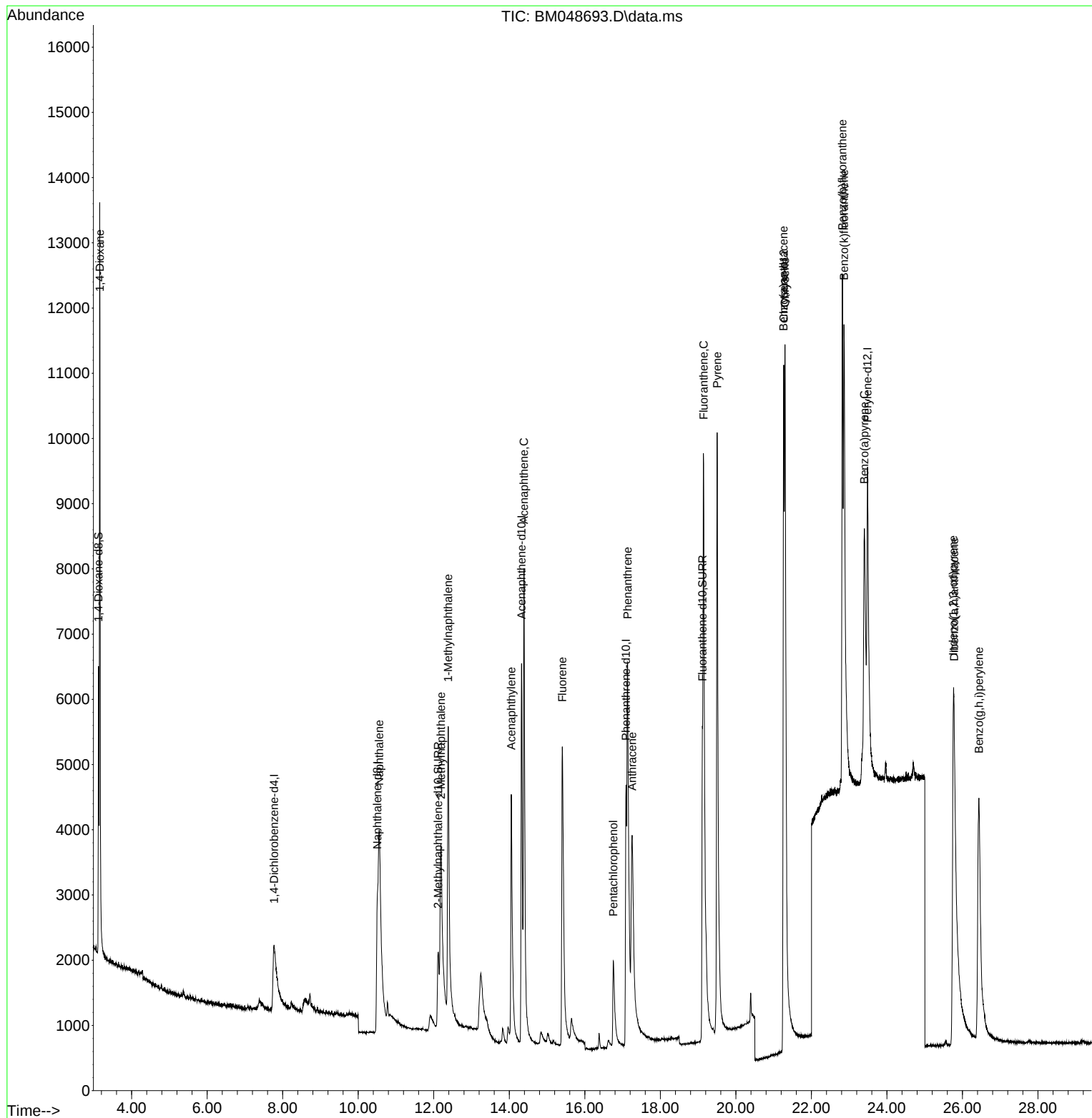
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048693.D
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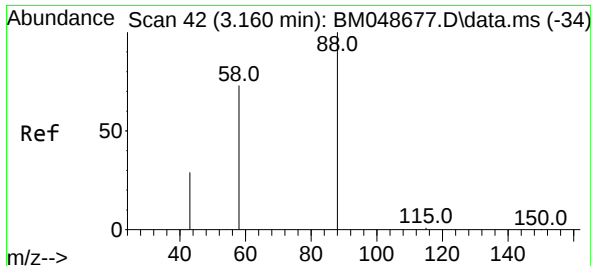
Instrument :
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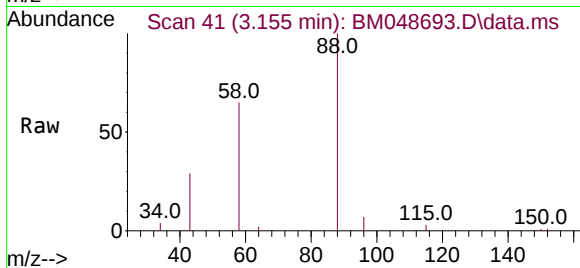
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024





#2
1,4-Dioxane
Concen: 2.122 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

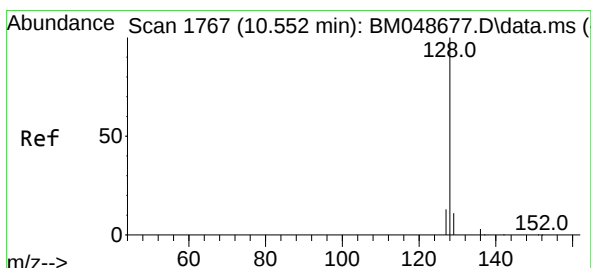
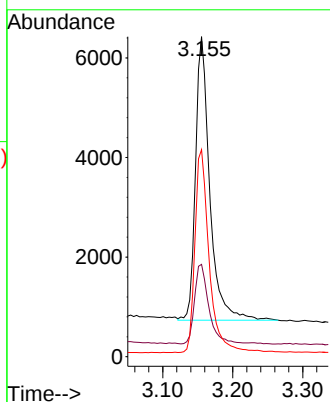
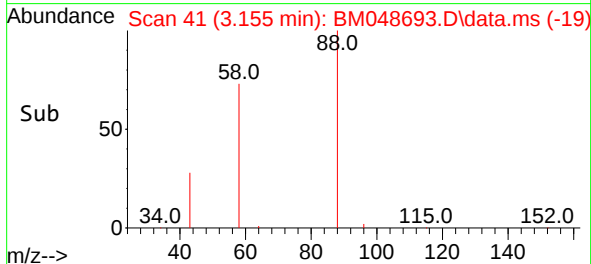
Instrument :
BNA_M
ClientSampleId :
SLCS923



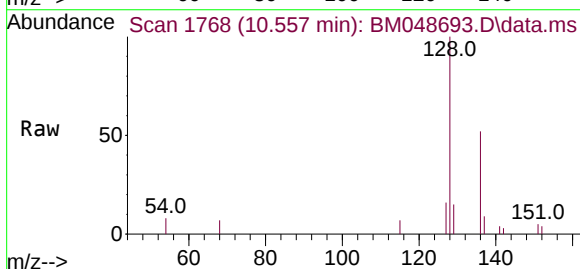
Tgt Ion: 88 Resp: 803
Ion Ratio Lower Upper
88 100
43 28.9 60.2 90.4
58 64.7 44.2 66.2

Manual Integrations
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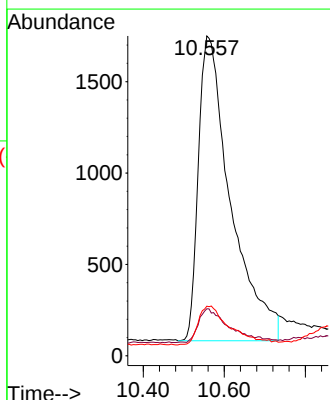
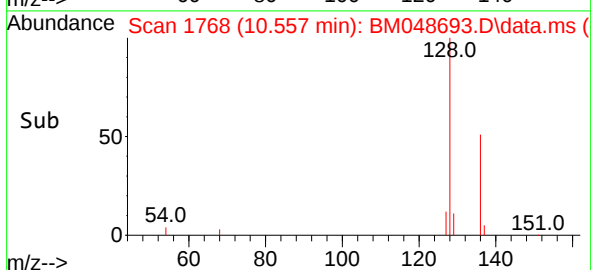
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

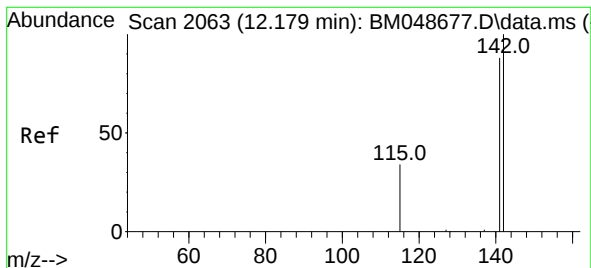


#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.557 min Scan# 1768
Delta R.T. 0.011 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34



Tgt Ion:128 Resp: 9200
Ion Ratio Lower Upper
128 100
129 14.7 10.0 15.0
127 15.5 10.9 16.3





#7

2-Methylnaphthalene

Concen: 0.361 ng/ul

RT: 12.190 min Scan# 2063

Delta R.T. 0.011 min

Lab File: BM048693.D

Acq: 15 Nov 2024 03:34

Instrument :

BNA_M

ClientSampleId :

SLCS923

Tgt Ion:142 Resp: 523

Ion Ratio Lower Upper

142 100

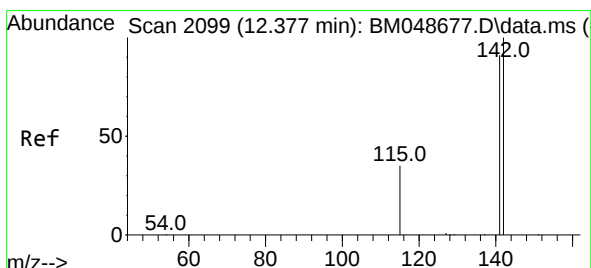
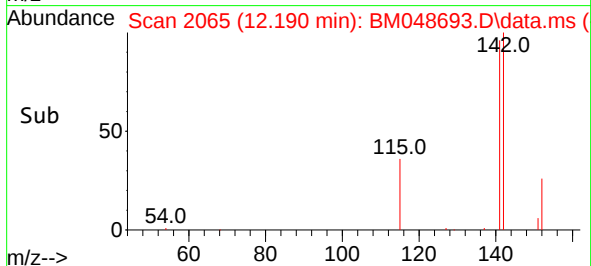
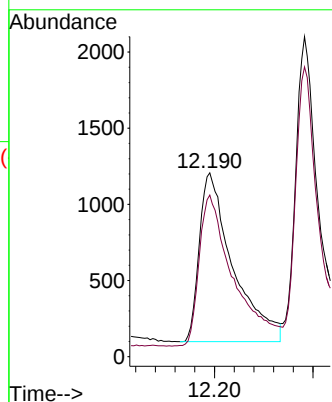
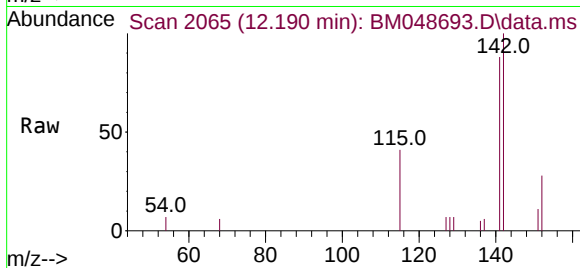
141 93.0 68.6 103.0

Manual Integrations

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#8

1-Methylnaphthalene

Concen: 0.423 ng/ul

RT: 12.383 min Scan# 2100

Delta R.T. 0.005 min

Lab File: BM048693.D

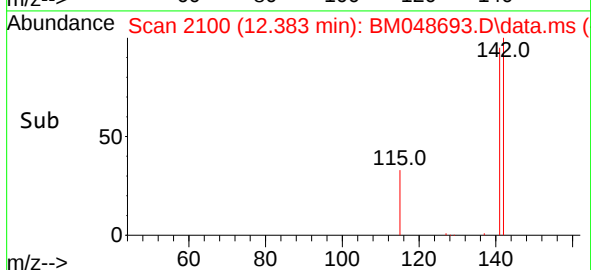
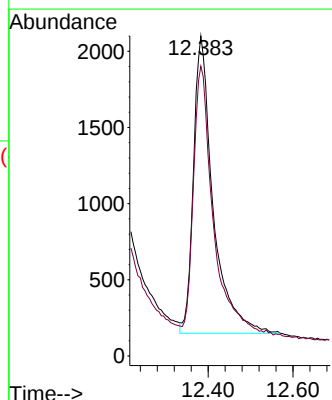
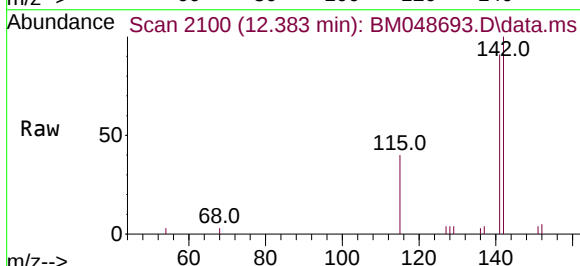
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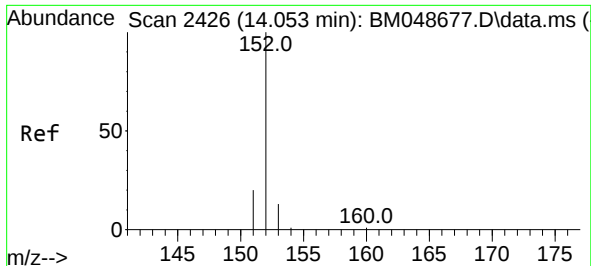
Tgt Ion:142 Resp: 6278

Ion Ratio Lower Upper

142 100

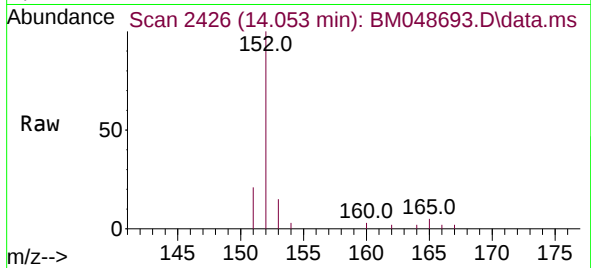
141 90.6 72.8 109.2





#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.053 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

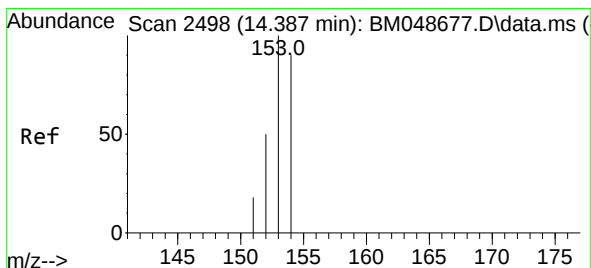
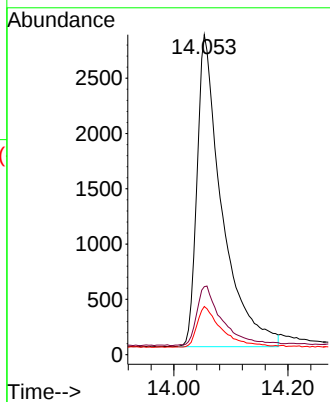
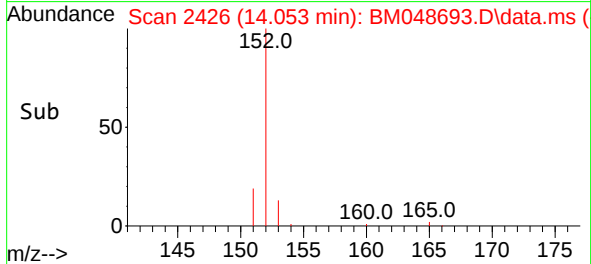
Instrument :
BNA_M
ClientSampleId :
SLCS923



Tgt Ion:152 Resp: 8549
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7
153 15.1 11.6 17.4

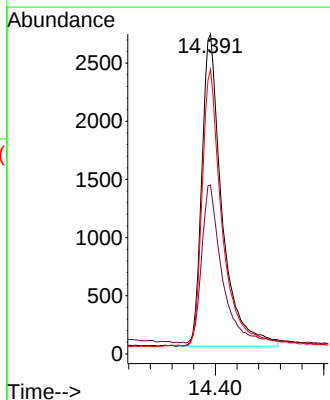
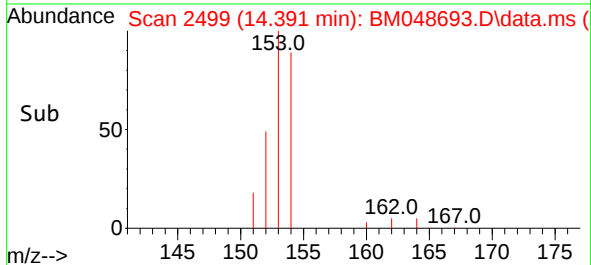
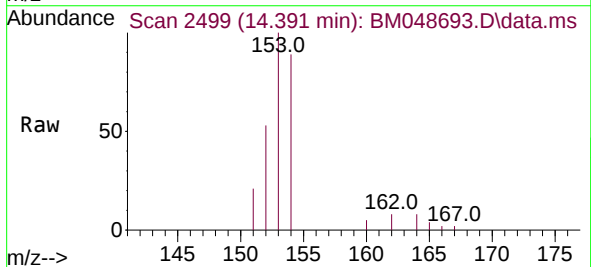
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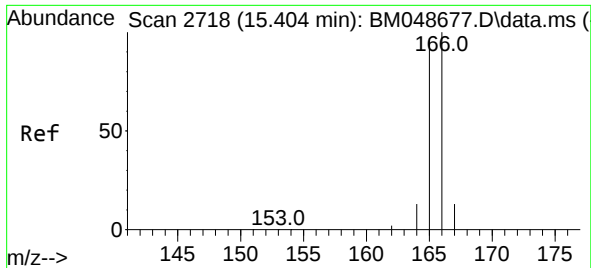
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.391 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

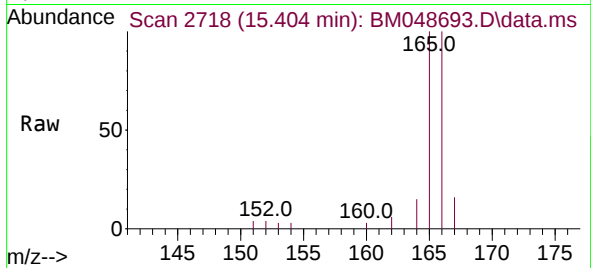
Tgt Ion:153 Resp: 6917
Ion Ratio Lower Upper
153 100
152 52.8 41.1 61.7
154 89.0 70.3 105.5





#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.404 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

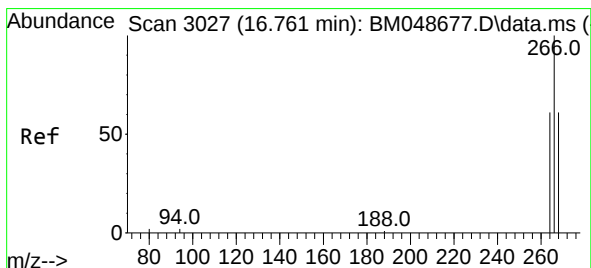
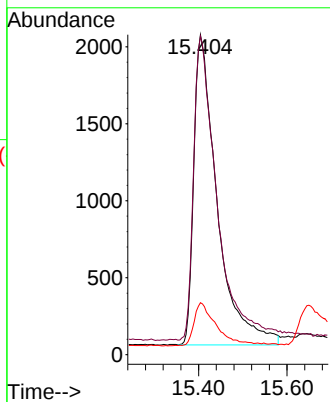
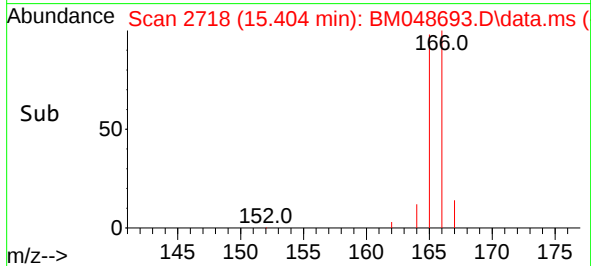
Instrument :
BNA_M
ClientSampleId :
SLCS923



Tgt Ion:166 Resp: 739
Ion Ratio Lower Upper
166 100
165 99.6 78.7 118.1
167 16.3 12.6 18.8

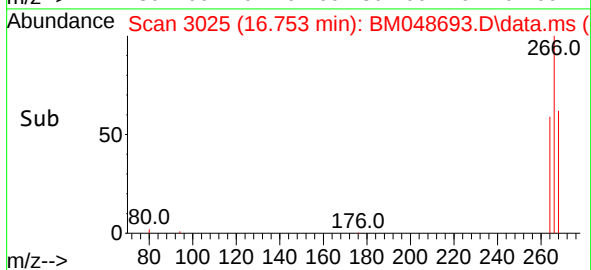
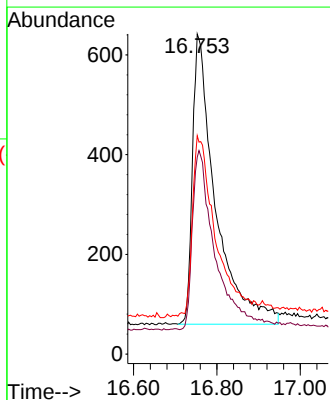
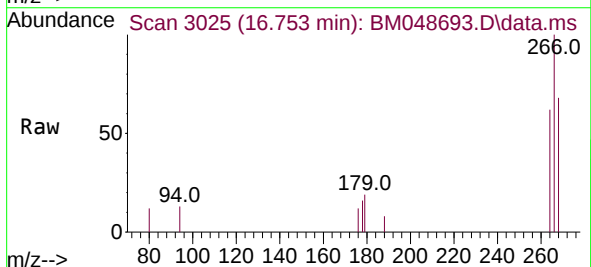
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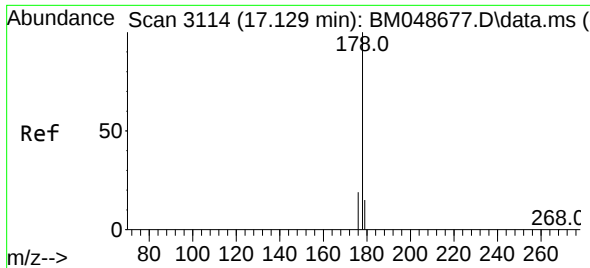
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.753 min Scan# 3025
Delta R.T. -0.009 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

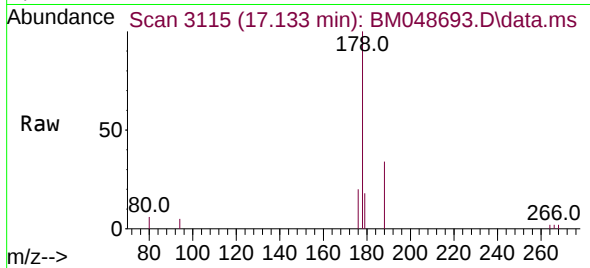
Tgt Ion:266 Resp: 2218
Ion Ratio Lower Upper
266 100
264 61.9 49.6 74.4
268 63.9 49.4 74.0





#15
Phenanthrene
Concen: 0.362 ng/u1
RT: 17.133 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

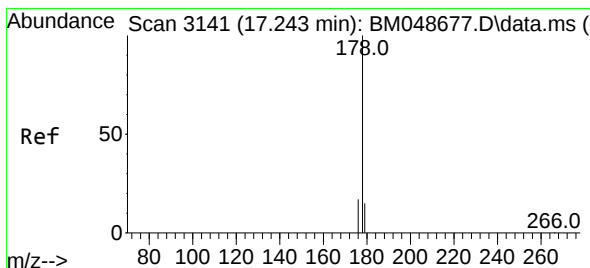
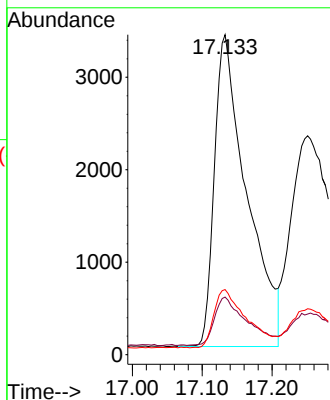
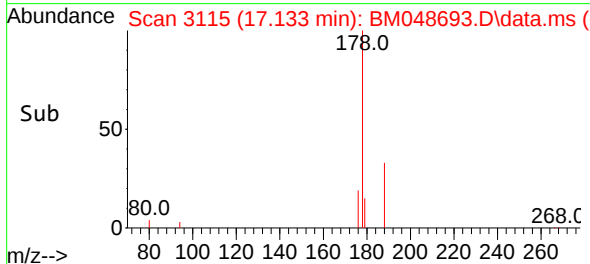
Instrument :
BNA_M
ClientSampleId :
SLCS923



Tgt Ion:178 Resp: 1081
Ion Ratio Lower Upper
178 100
179 18.0 13.4 20.0
176 20.3 16.2 24.2

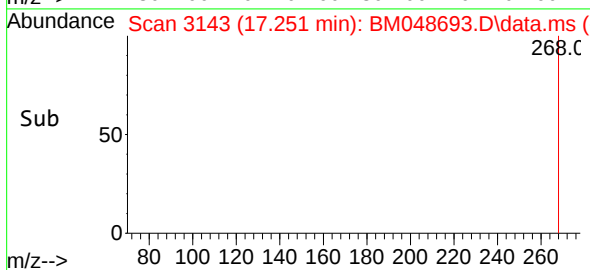
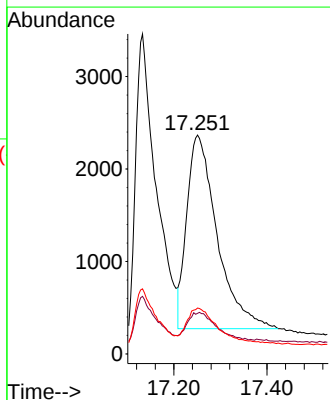
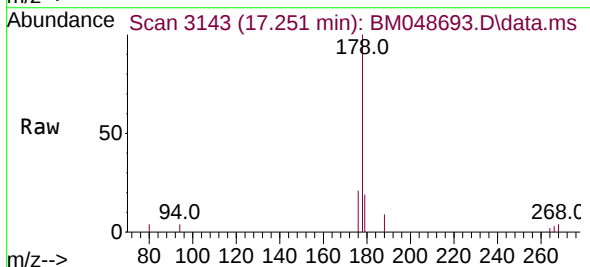
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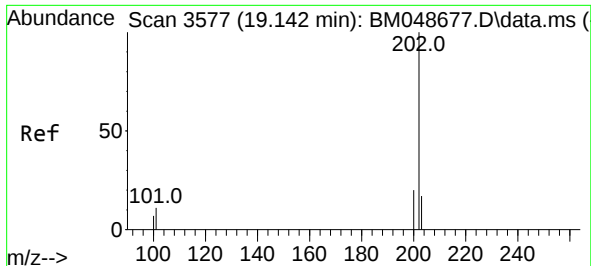
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#16
Anthracene
Concen: 0.342 ng/u1
RT: 17.251 min Scan# 3143
Delta R.T. 0.012 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

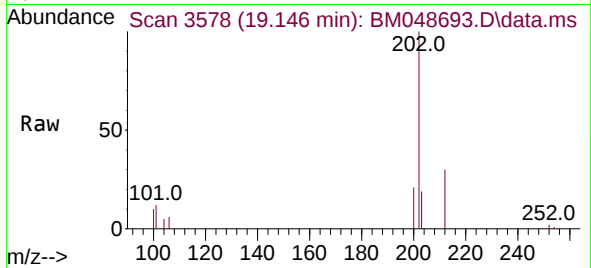
Tgt Ion:178 Resp: 9486
Ion Ratio Lower Upper
178 100
179 18.5 13.7 20.5
176 21.0 15.9 23.9





#19
Fluoranthene
Concen: 0.435 ng/u1
RT: 19.146 min Scan# 3578
Delta R.T. 0.004 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

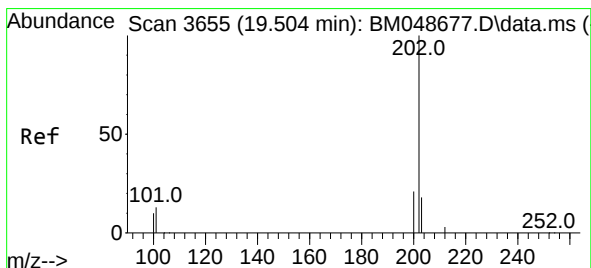
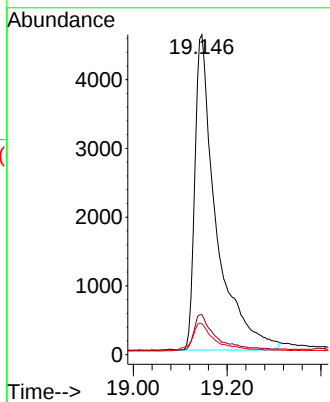
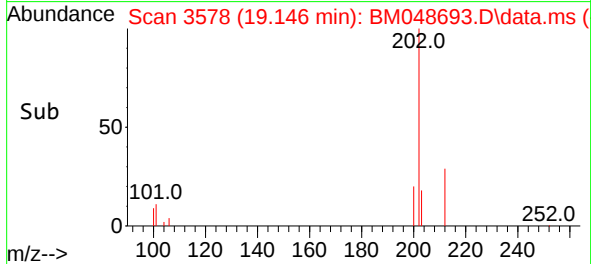
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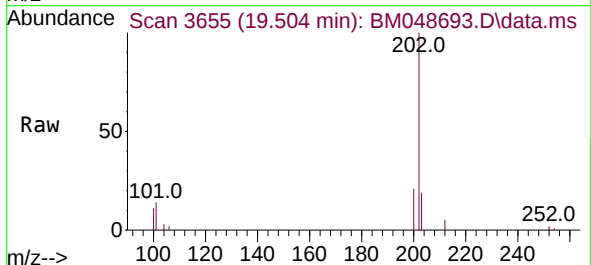
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Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 9.6 7.3 10.9

Manual Integrations
APPROVED

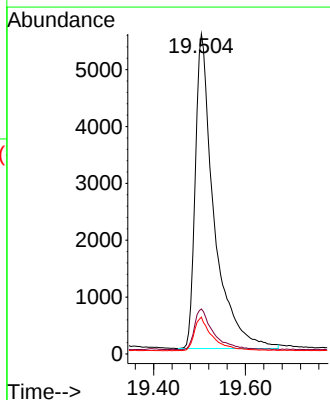
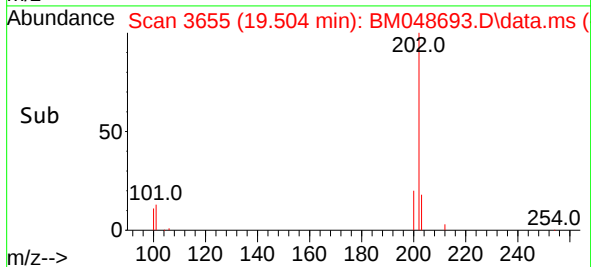
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

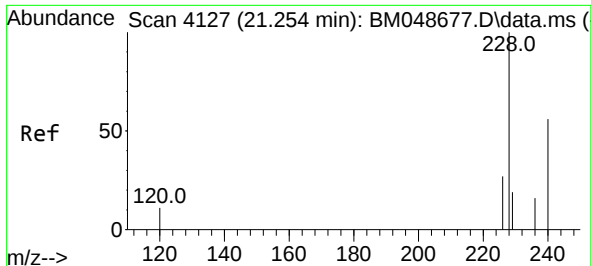


#20
Pyrene
Concen: 0.434 ng/u1
RT: 19.504 min Scan# 3655
Delta R.T. -0.000 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34



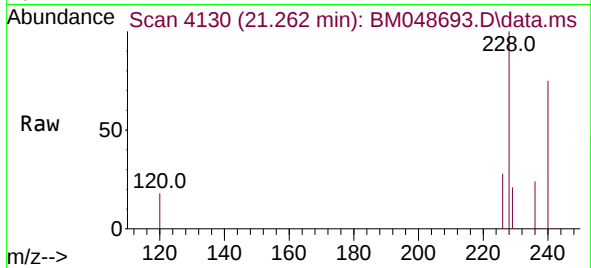
Tgt Ion:202 Resp: 15640
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.262 min Scan# 4113
Delta R.T. 0.009 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

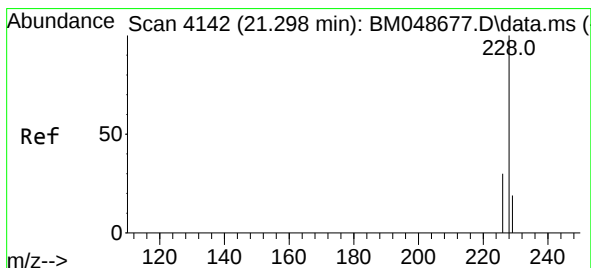
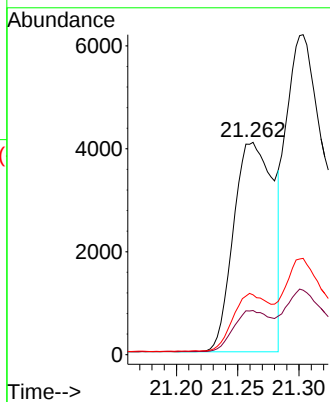
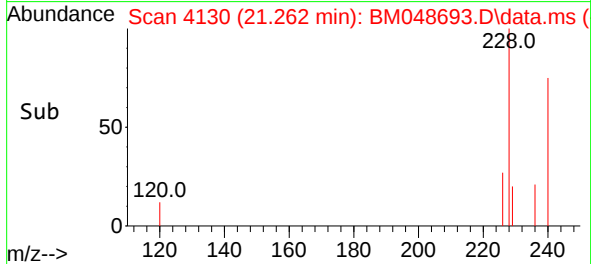
Instrument :
BNA_M
ClientSampleId :
SLCS923



Tgt Ion:228 Resp: 923
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 28.1 22.1 33.1

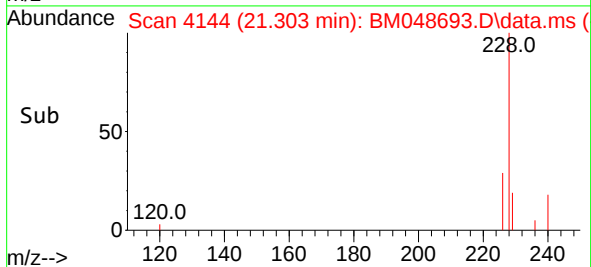
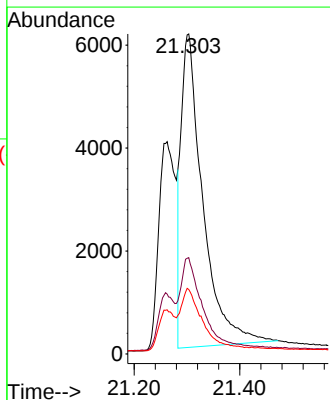
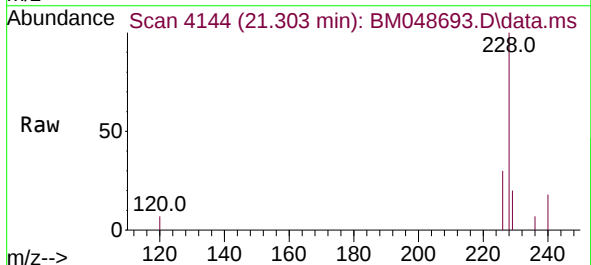
Manual Integrations
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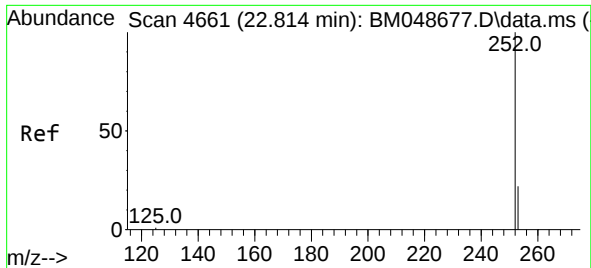
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#22
Chrysene
Concen: 0.493 ng/ul
RT: 21.303 min Scan# 4144
Delta R.T. 0.006 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

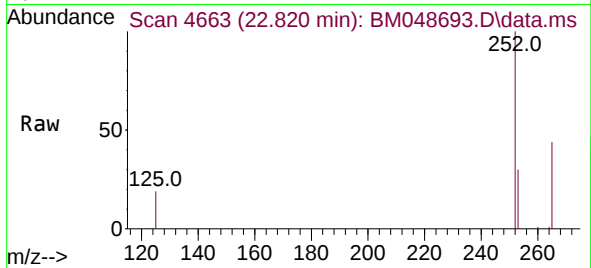
Tgt Ion:228 Resp: 17351
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.1 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 22.820 min Scan# 4663
Delta R.T. 0.006 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

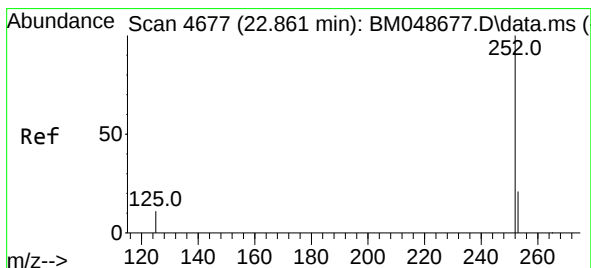
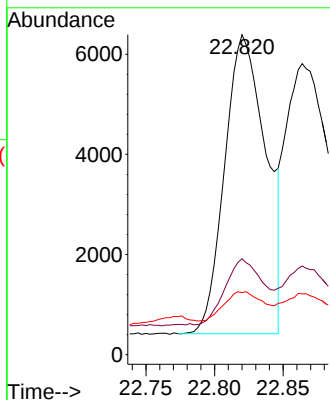
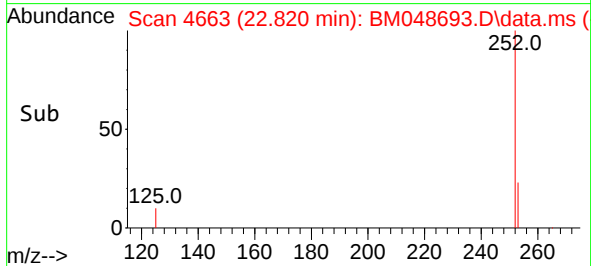
Instrument :
BNA_M
ClientSampleId :
SLCS923



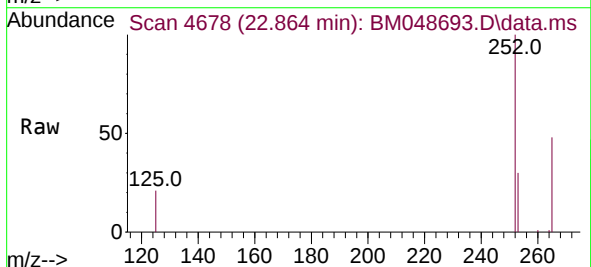
Tgt Ion:252 Resp: 12532
Ion Ratio Lower Upper
252 100
253 30.0 0.0 61.6
125 19.4 0.0 43.2

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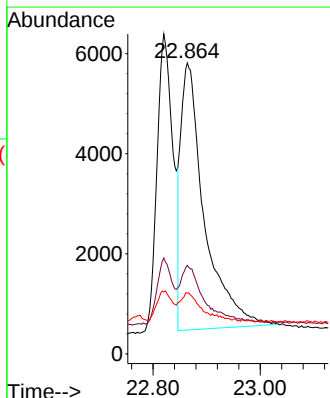
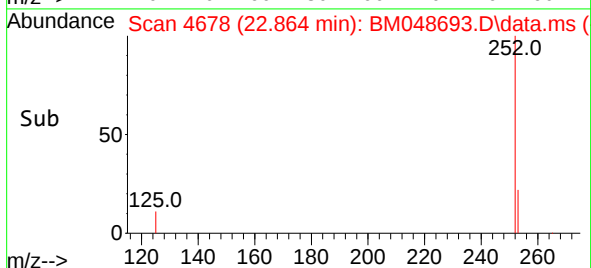
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

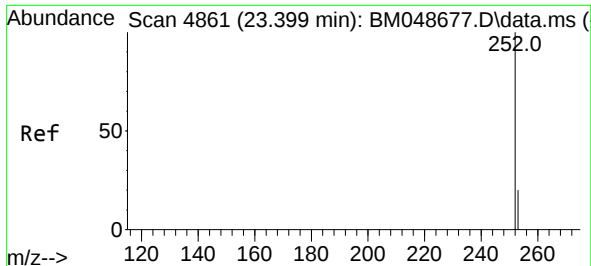


#25
Benzo(k)fluoranthene
Concen: 0.488 ng/ul
RT: 22.864 min Scan# 4678
Delta R.T. 0.006 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34



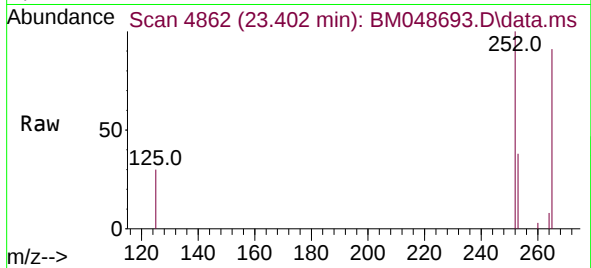
Tgt Ion:252 Resp: 16287
Ion Ratio Lower Upper
252 100
253 30.5 25.0 37.4
125 20.9 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.402 min Scan# 4862
Delta R.T. 0.009 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

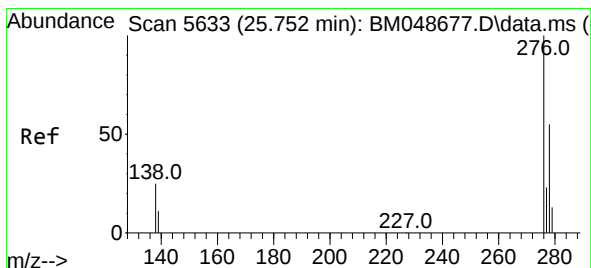
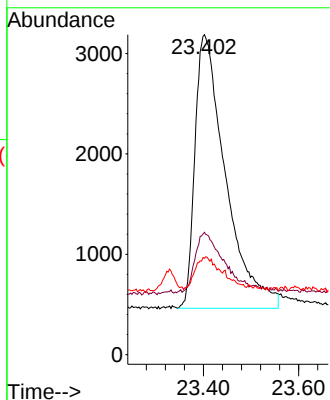
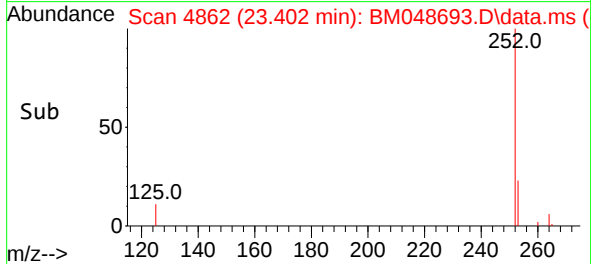
Instrument :
BNA_M
ClientSampleId :
SLCS923



Tgt Ion:252 Resp: 1217
Ion Ratio Lower Upper
252 100
253 38.2 29.6 44.4
125 30.1 23.9 35.9

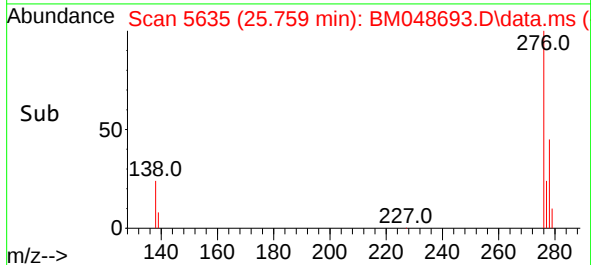
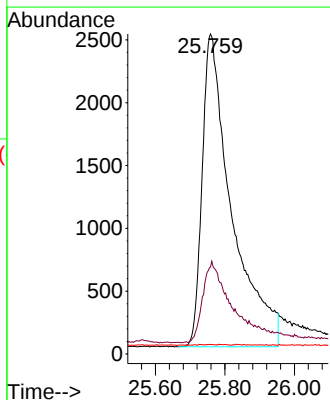
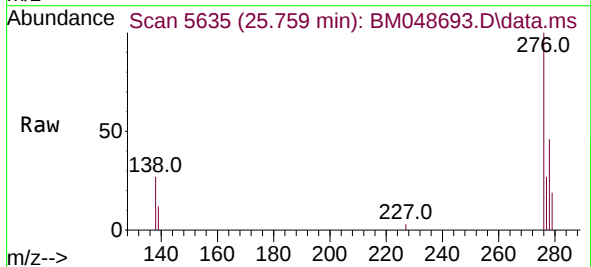
Manual Integrations
APPROVED

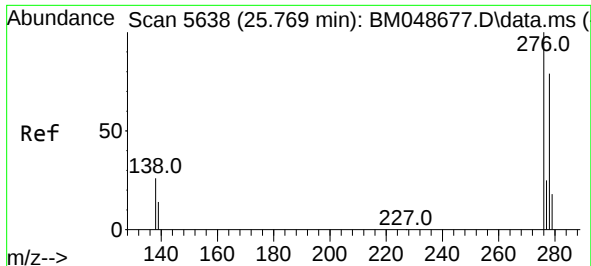
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. 0.020 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

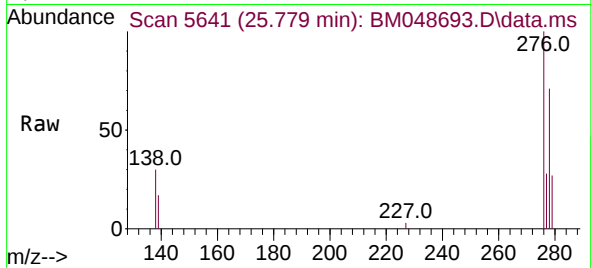
Tgt Ion:276 Resp: 14658
Ion Ratio Lower Upper
276 100
138 26.4 20.1 30.1
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 25.779 min Scan# 5638
Delta R.T. 0.020 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

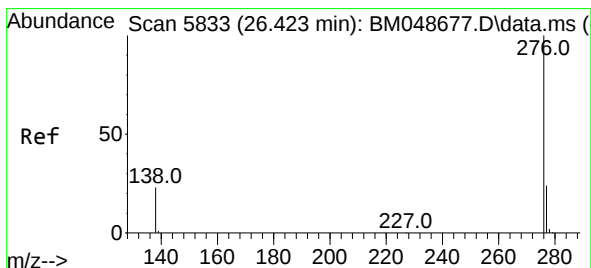
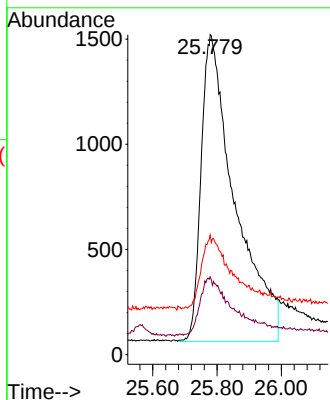
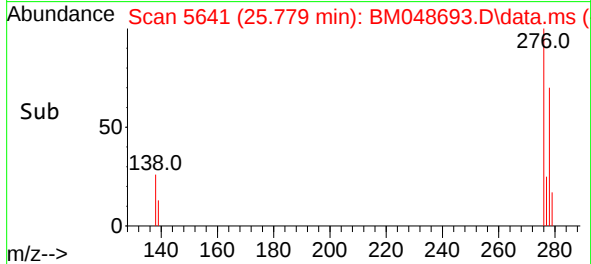
Instrument :
BNA_M
ClientSampleId :
SLCS923



Tgt Ion:278 Resp: 10664
Ion Ratio Lower Upper
278 100
139 24.3 17.8 26.8
279 37.4 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.436 min Scan# 5837
Delta R.T. 0.017 min
Lab File: BM048693.D
Acq: 15 Nov 2024 03:34

Tgt Ion:276 Resp: 13476
Ion Ratio Lower Upper
276 100
138 26.3 21.0 31.6
277 26.5 20.5 30.7

