

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048707.D
 Acq On : 15 Nov 2024 12:36
 Operator : RC/JU
 Sample : PB164855BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS855

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 13:05:11 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	7.729	152	3512m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.484	136	11615	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.316	164	7175	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.076	188	14793	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	11932	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264	12561	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	3663	0.865	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.095	152	6621	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.103	212	15508	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	9792	2.010	ng/ul#	62
5) Naphthalene	10.534	128	12146	0.417	ng/ul	98
7) 2-Methylnaphthalene	12.167	142	7168	0.392	ng/ul	94
8) 1-Methylnaphthalene	12.365	142	9393	0.501	ng/ul	99
10) Acenaphthylene	14.043	152	11539	0.423	ng/ul	99
11) Acenaphthene	14.380	153	9069	0.416	ng/ul	99
12) Fluorene	15.389	166	9813	0.414	ng/ul	99
14) Pentachlorophenol	16.743	266	3293	0.606	ng/ul	96
15) Phenanthrene	17.119	178	14431	0.371	ng/ul	100
16) Anthracene	17.228	178	12826	0.355	ng/ul	98
19) Fluoranthene	19.131	202	19210	0.435	ng/ul	99
20) Pyrene	19.493	202	20813	0.434	ng/ul	99
21) Benzo(a)anthracene	21.248	228	13845	0.354	ng/ul	99
22) Chrysene	21.292	228	22598	0.482	ng/ul	99
24) Benzo(b)fluoranthene	22.809	252	17315	0.442	ng/ul	93
25) Benzo(k)fluoranthene	22.853	252	21072	0.459	ng/ul	93
26) Benzo(a)pyrene	23.388	252	16790	0.439	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.739	276	20733	0.389	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.752	278	15367	0.370	ng/ul	98
29) Benzo(g,h,i)perylene	26.413	276	18364	0.410	ng/ul	99

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

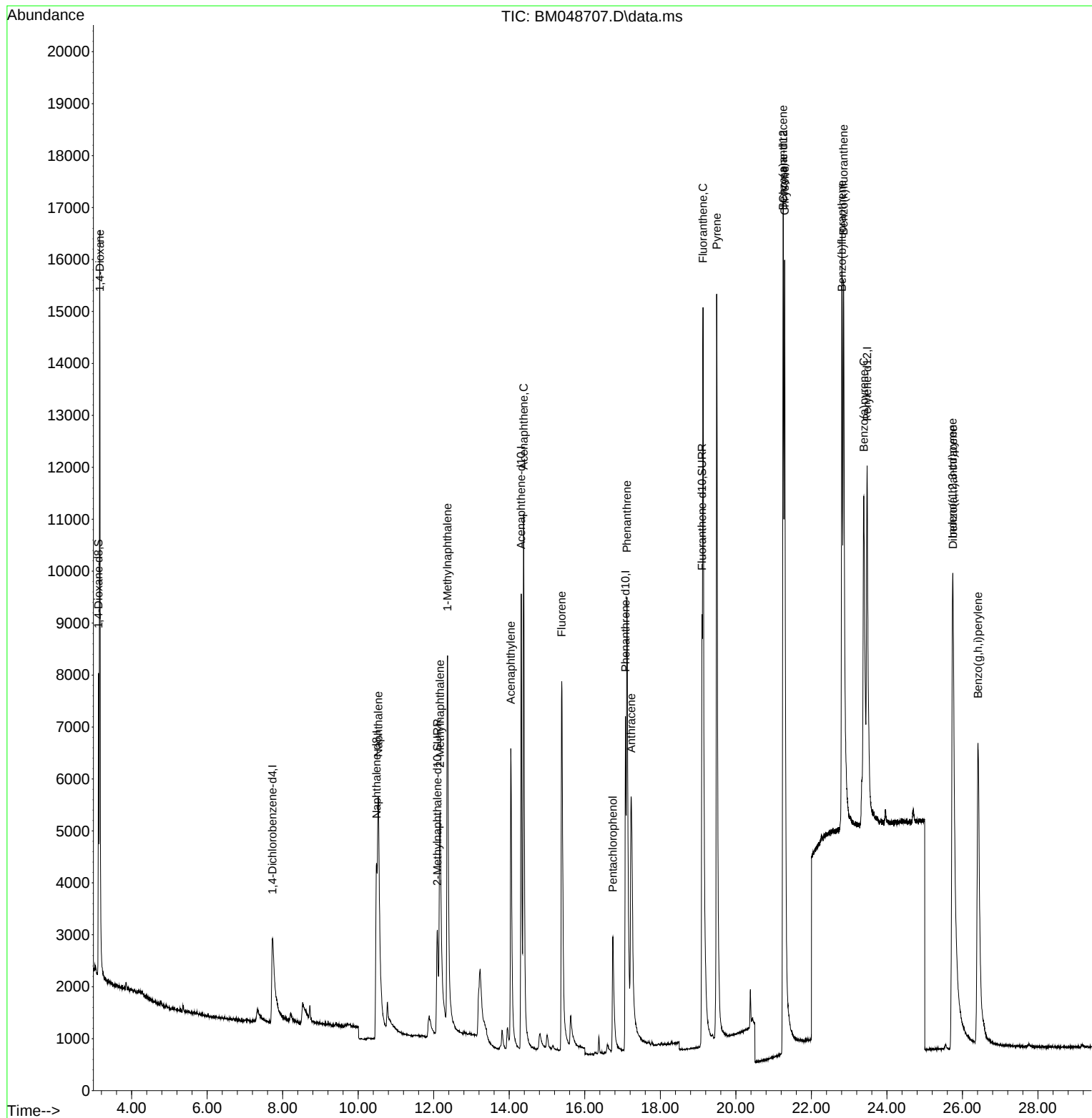
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048707.D
Acq On : 15 Nov 2024 12:36
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ALS Vial : 33 Sample Multiplier: 1

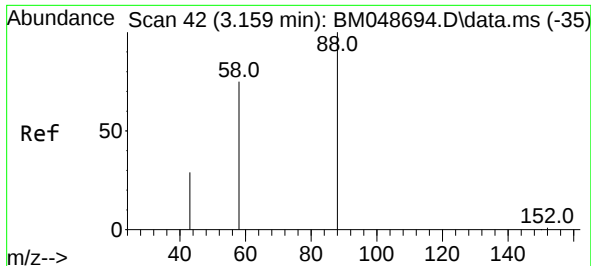
Instrument :
BNA_M
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Quant Time: Nov 15 13:05:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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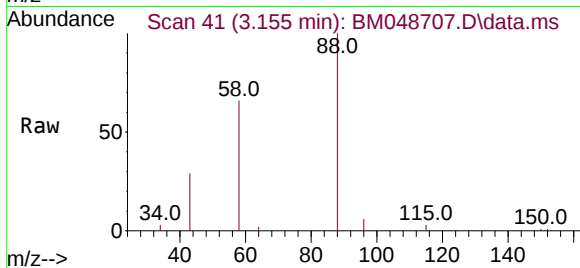
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024





#2
1,4-Dioxane
Concen: 2.010 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

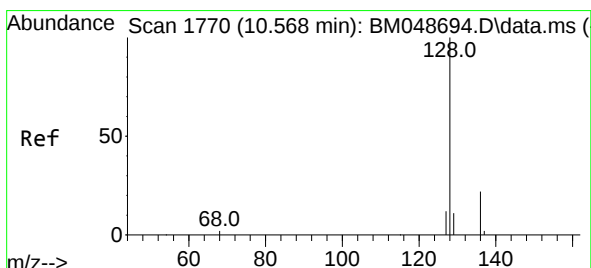
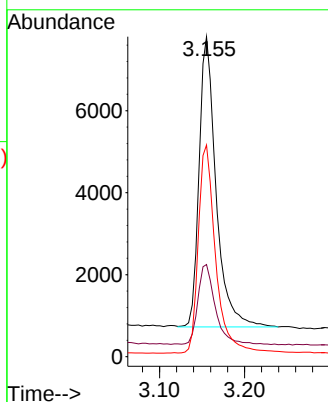
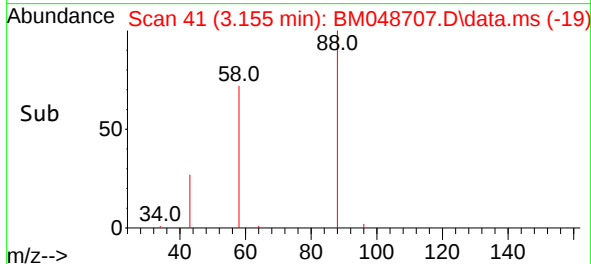
Instrument :
BNA_M
ClientSampleId :
SLCS855



Tgt Ion: 88 Resp: 979
Ion Ratio Lower Upper
88 100
43 28.8 60.2 90.4
58 66.2 44.2 66.2

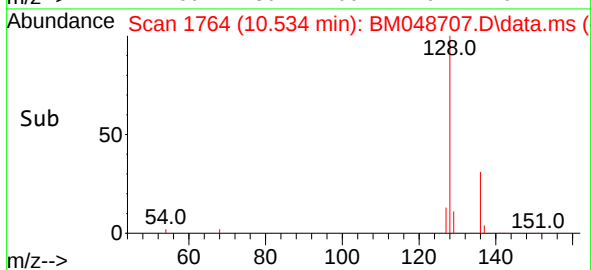
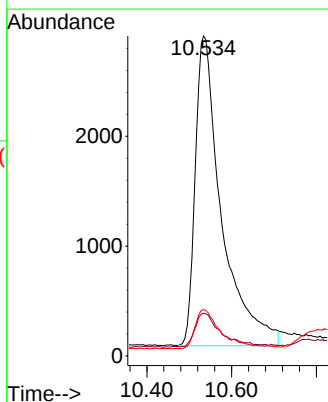
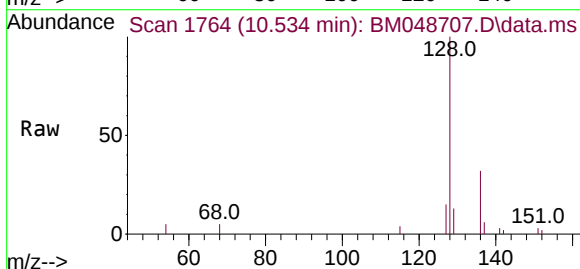
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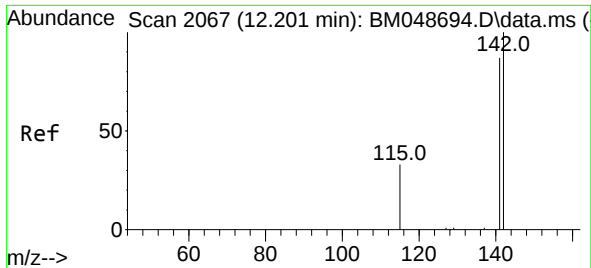
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.534 min Scan# 1764
Delta R.T. -0.013 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

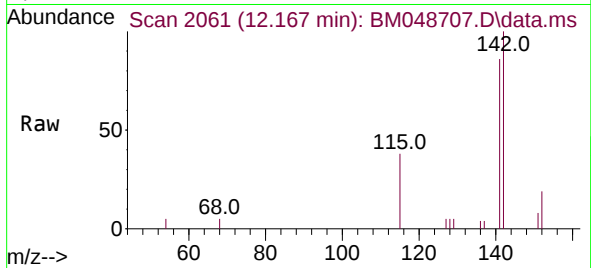
Tgt Ion:128 Resp: 12146
Ion Ratio Lower Upper
128 100
129 13.4 10.0 15.0
127 14.5 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.167 min Scan# 2061
Delta R.T. -0.013 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

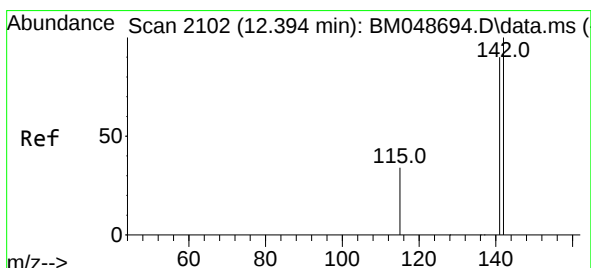
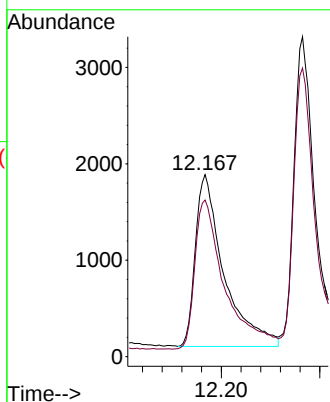
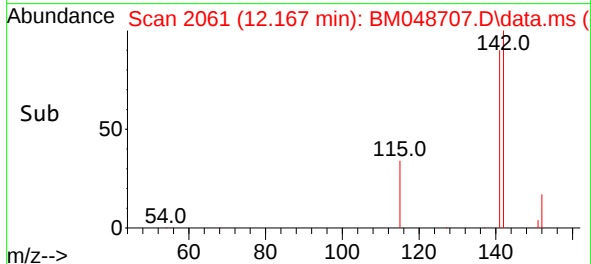
Instrument :
BNA_M
ClientSampleId :
SLCS855



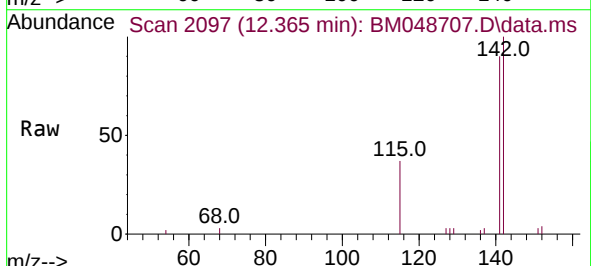
Tgt Ion:142 Resp: 7168
Ion Ratio Lower Upper
142 100
141 91.7 68.6 103.0

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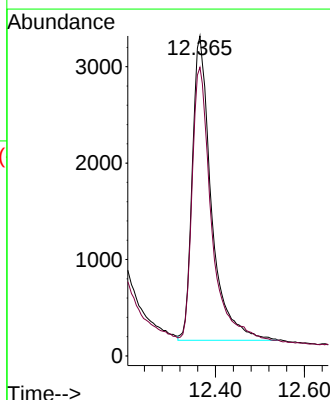
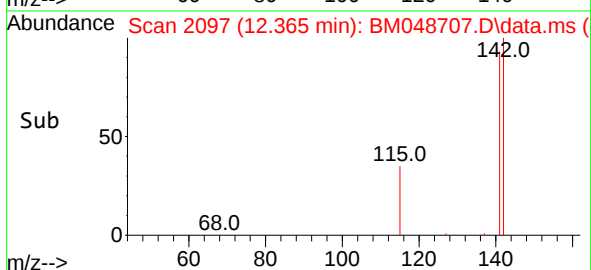
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

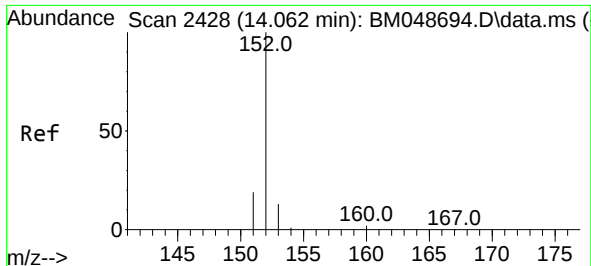


#8
1-Methylnaphthalene
Concen: 0.501 ng/ul
RT: 12.365 min Scan# 2097
Delta R.T. -0.013 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36



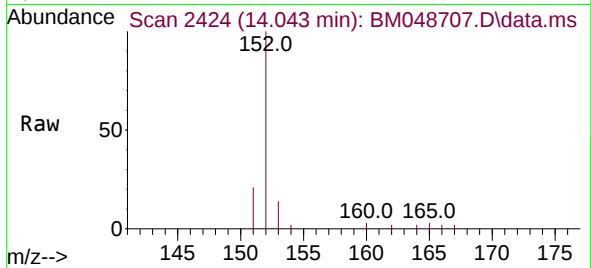
Tgt Ion:142 Resp: 9393
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2





#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 14.043 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

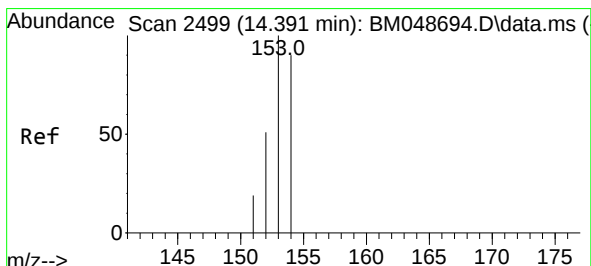
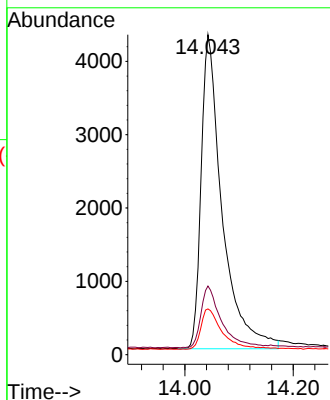
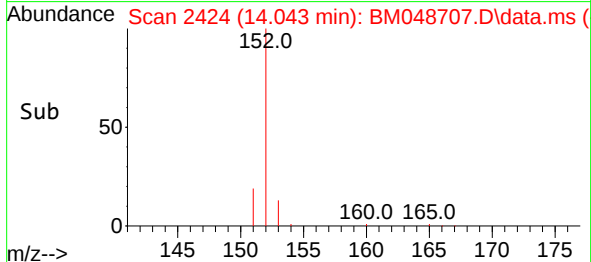
Instrument :
BNA_M
ClientSampleId :
SLCS855



Tgt Ion:152 Resp: 11539
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7
153 14.3 11.6 17.4

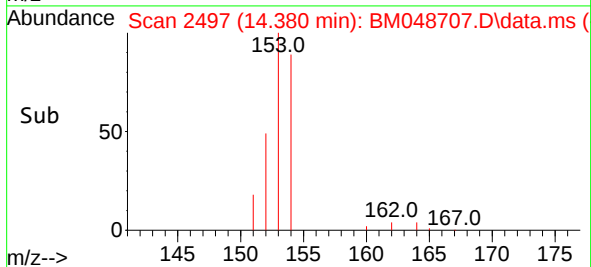
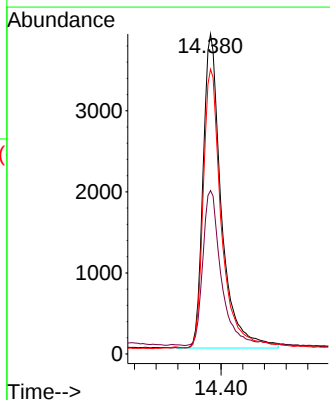
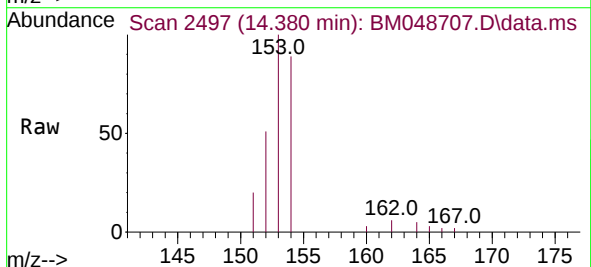
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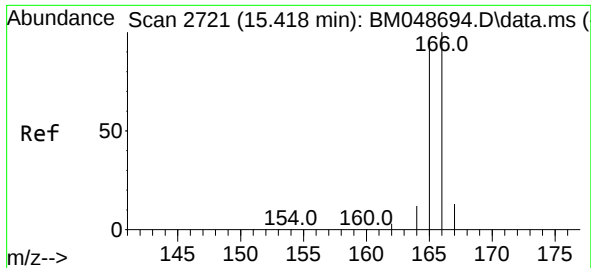
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.380 min Scan# 2497
Delta R.T. -0.006 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

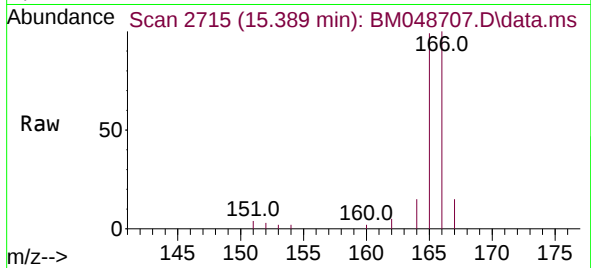
Tgt Ion:153 Resp: 9069
Ion Ratio Lower Upper
153 100
152 51.1 41.1 61.7
154 89.0 70.3 105.5





#12
Fluorene
Concen: 0.414 ng/ul
RT: 15.389 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

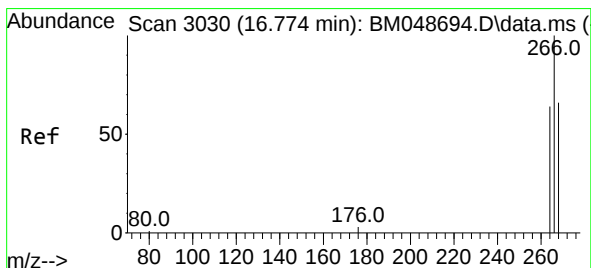
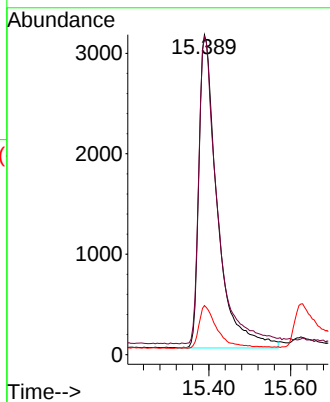
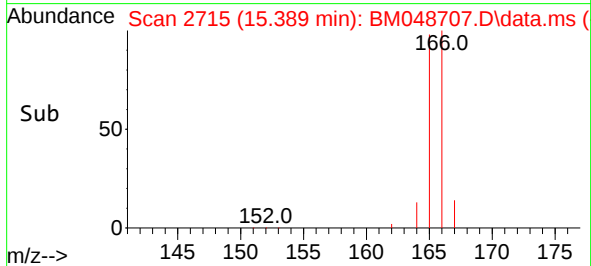
Instrument :
BNA_M
ClientSampleId :
SLCS855



Tgt Ion:166 Resp: 981
Ion Ratio Lower Upper
166 100
165 99.3 78.7 118.1
167 15.3 12.6 18.8

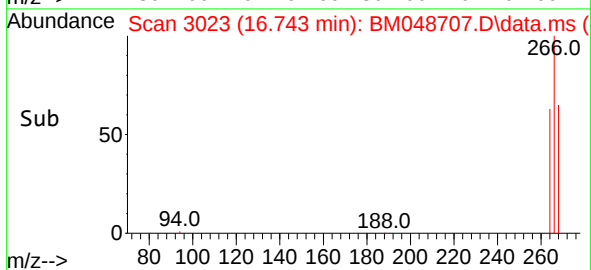
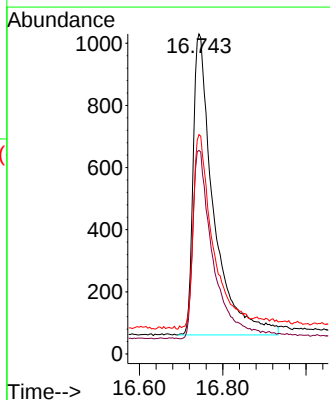
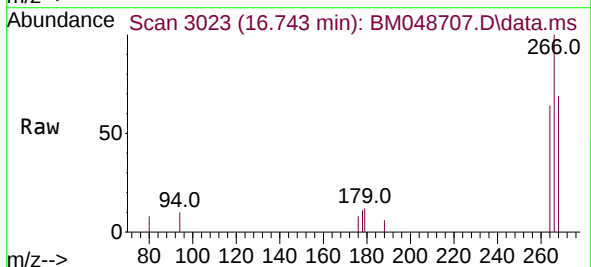
Manual Integrations
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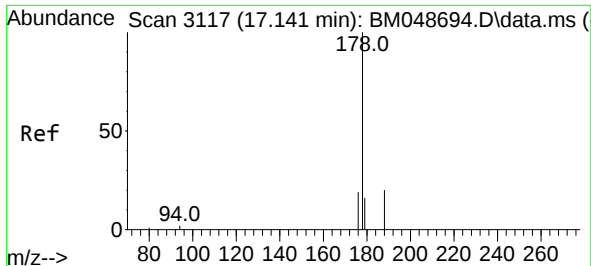
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#14
Pentachlorophenol
Concen: 0.606 ng/ul
RT: 16.743 min Scan# 3023
Delta R.T. -0.018 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

Tgt Ion:266 Resp: 3293
Ion Ratio Lower Upper
266 100
264 63.0 49.6 74.4
268 66.4 49.4 74.0





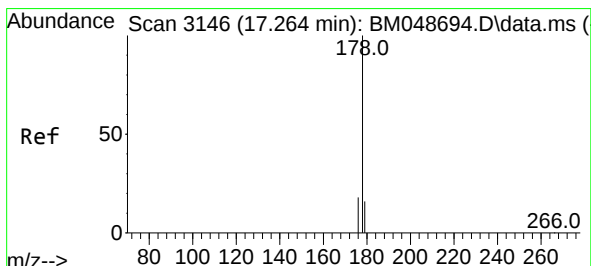
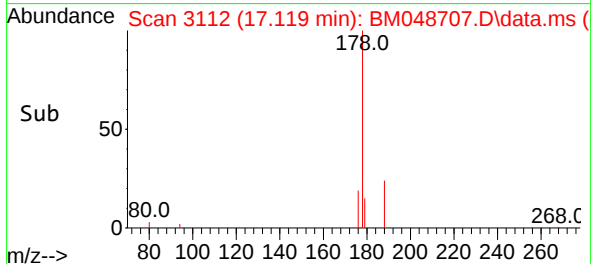
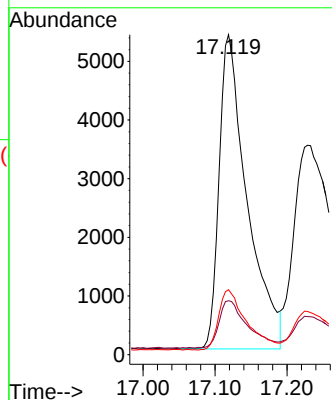
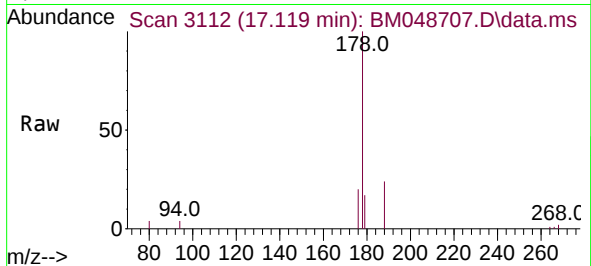
#15
Phenanthrene
Concen: 0.371 ng/uI
RT: 17.119 min Scan# 3117
Delta R.T. -0.010 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

Instrument :
BNA_M
ClientSampleId :
SLCS855

Tgt Ion:178 Resp: 1443
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.0
176 20.3 16.2 24.2

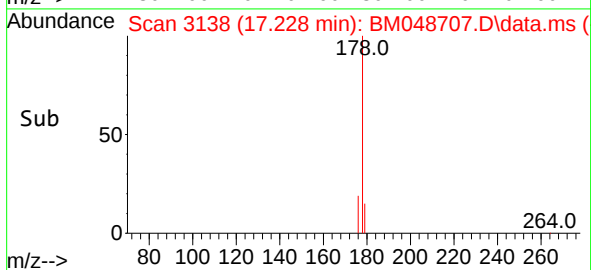
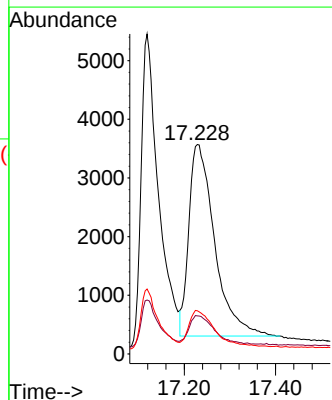
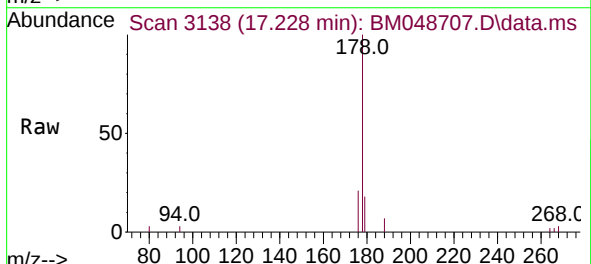
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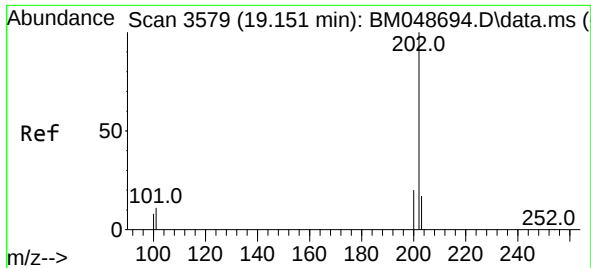
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#16
Anthracene
Concen: 0.355 ng/uI
RT: 17.228 min Scan# 3138
Delta R.T. -0.010 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

Tgt Ion:178 Resp: 12826
Ion Ratio Lower Upper
178 100
179 18.2 13.7 20.5
176 20.6 15.9 23.9





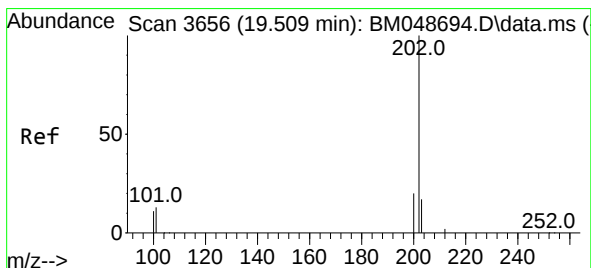
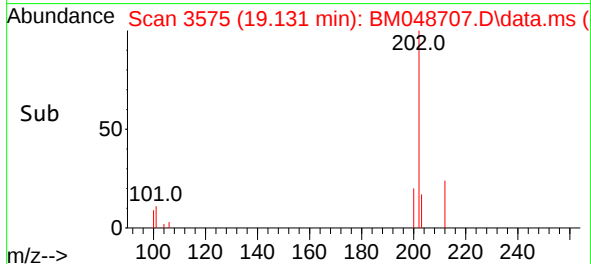
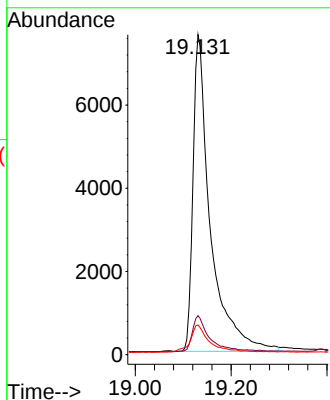
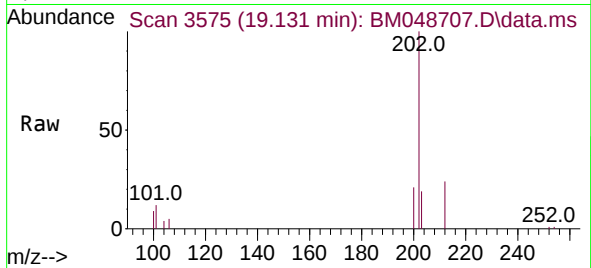
#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.131 min Scan# 3575
Delta R.T. -0.011 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

Instrument :
BNA_M
ClientSampleId :
SLCS855

Tgt Ion:202 Resp: 19210
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.4
100 9.3 7.3 10.9

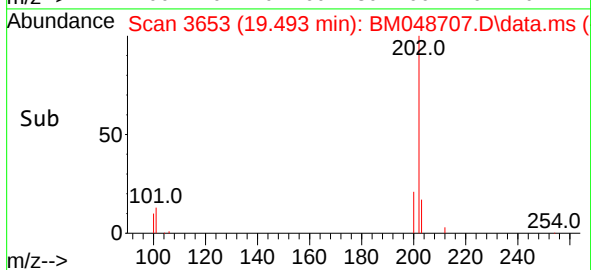
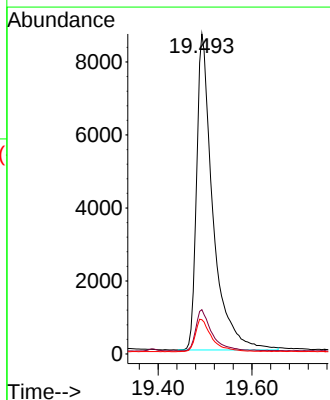
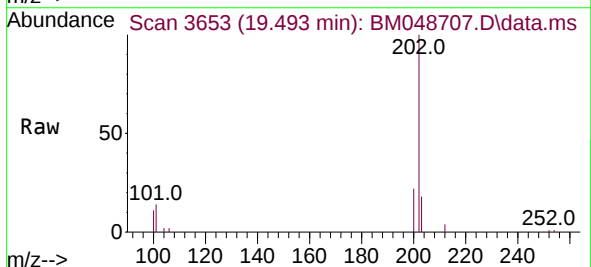
Manual Integrations
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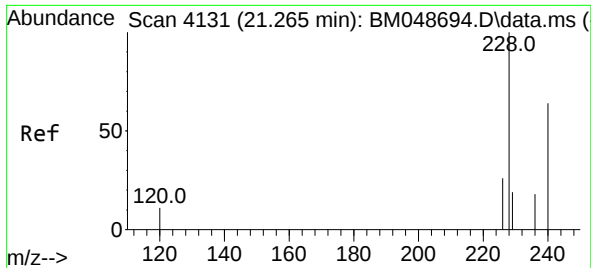
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.493 min Scan# 3653
Delta R.T. -0.011 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

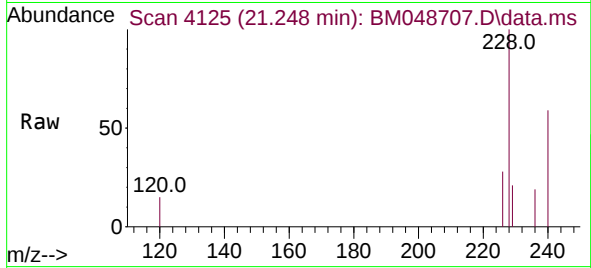
Tgt Ion:202 Resp: 20813
Ion Ratio Lower Upper
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101 13.9 11.4 17.2
100 10.7 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.354 ng/u1
RT: 21.248 min Scan# 411
Delta R.T. -0.006 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

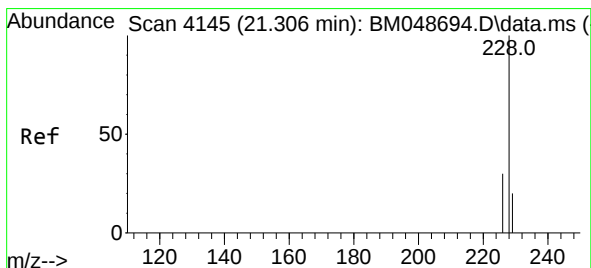
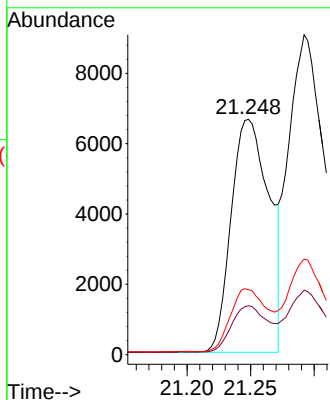
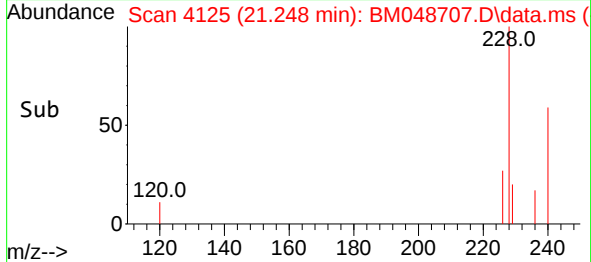
Instrument :
BNA_M
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SLCS855



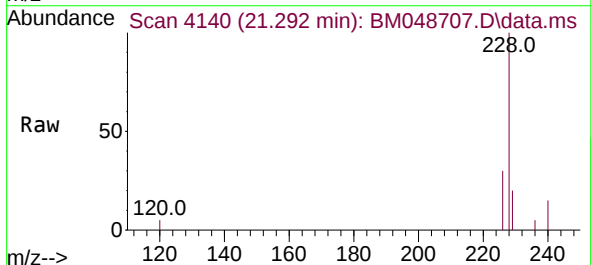
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Ion Ratio Lower Upper
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229 20.8 16.2 24.2
226 27.6 22.1 33.1

Manual Integrations
APPROVED

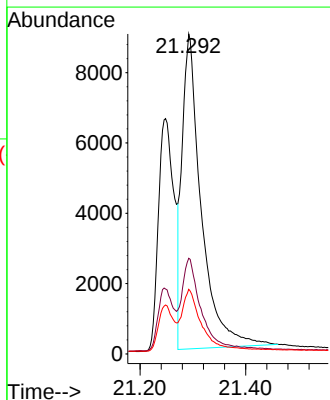
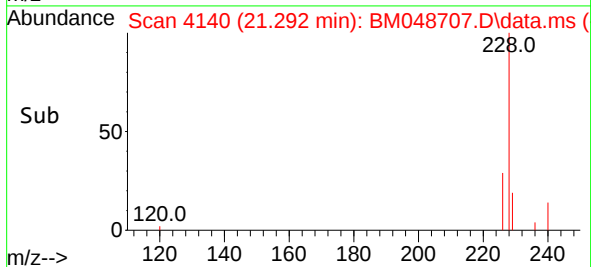
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

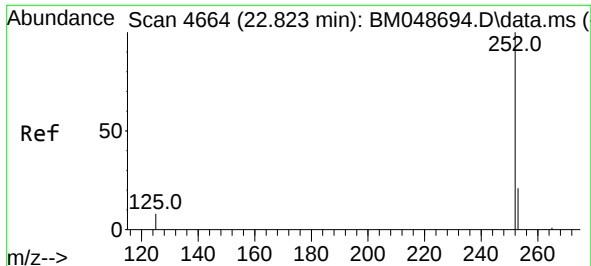


#22
Chrysene
Concen: 0.482 ng/u1
RT: 21.292 min Scan# 4140
Delta R.T. -0.006 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36



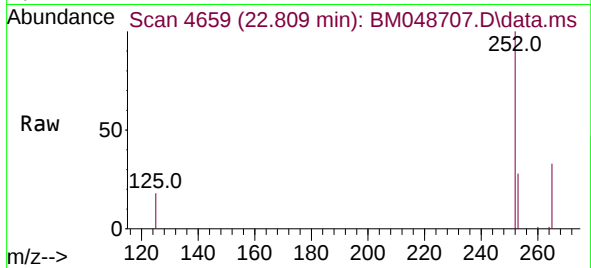
Tgt Ion:228 Resp: 22598
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 20.2 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 22.809 min Scan# 4659
Delta R.T. -0.006 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

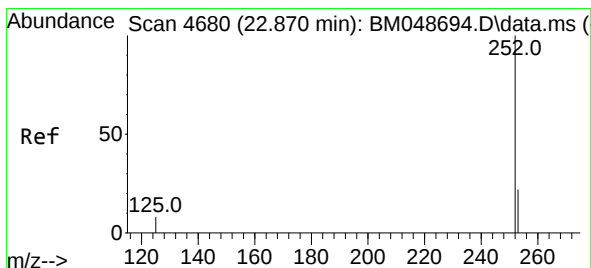
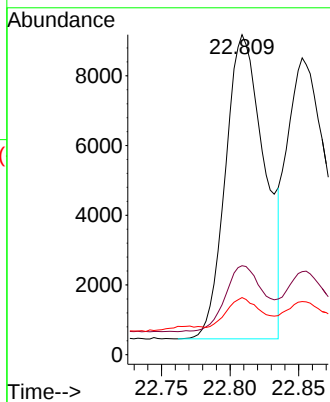
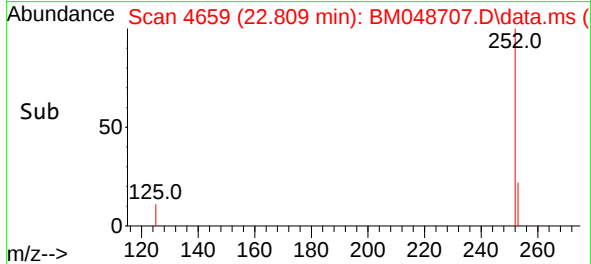
Instrument :
BNA_M
ClientSampleId :
SLCS855



Tgt Ion:252 Resp: 17315
Ion Ratio Lower Upper
252 100
253 27.8 0.0 61.6
125 17.8 0.0 43.2

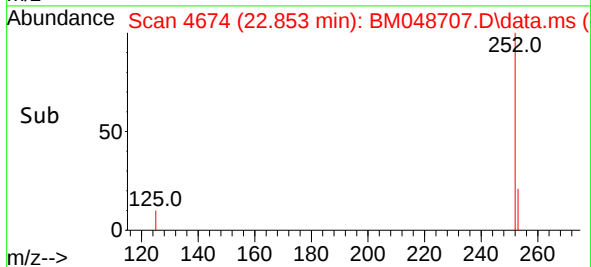
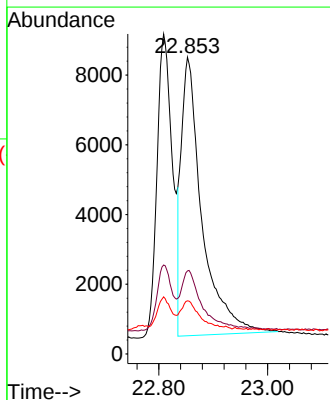
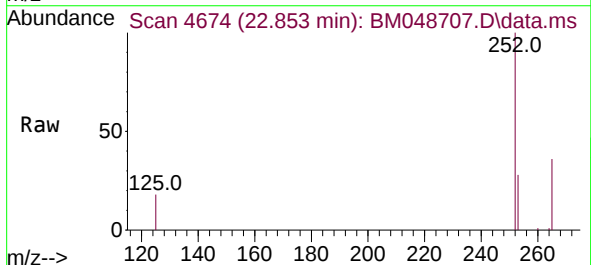
Manual Integrations
APPROVED

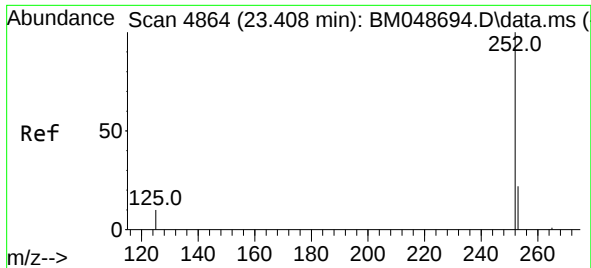
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Benzo(k)fluoranthene
Concen: 0.459 ng/ul
RT: 22.853 min Scan# 4674
Delta R.T. -0.006 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

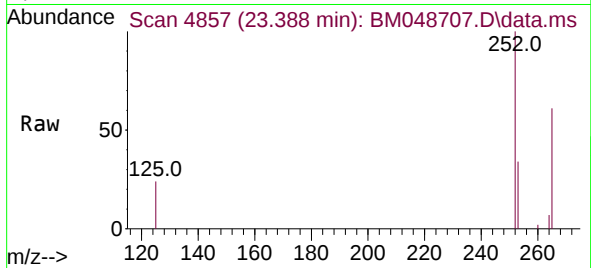
Tgt Ion:252 Resp: 21072
Ion Ratio Lower Upper
252 100
253 28.0 25.0 37.4
125 17.9 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.388 min Scan# 4857
Delta R.T. -0.006 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

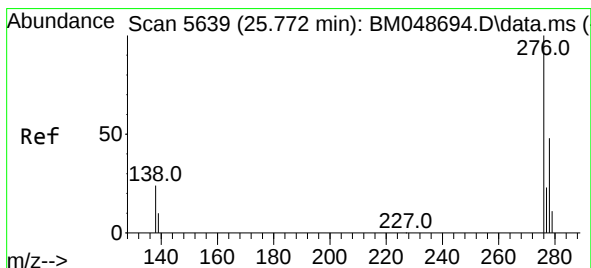
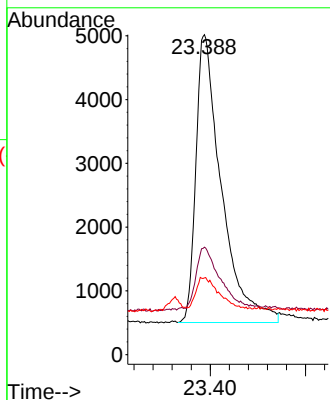
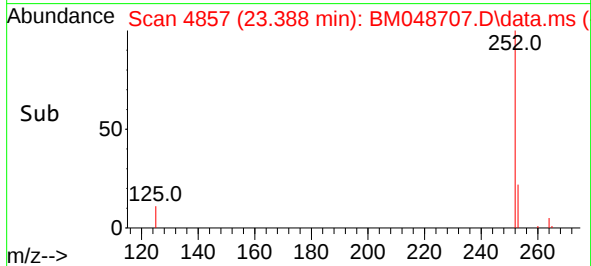
Instrument :
BNA_M
ClientSampleId :
SLCS855



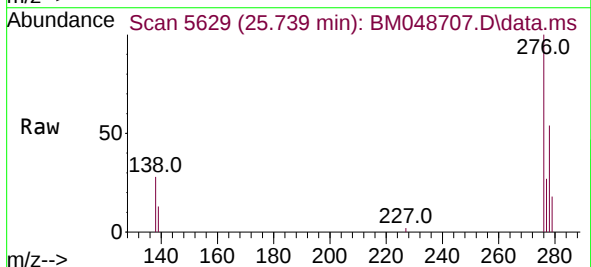
Tgt Ion:252 Resp: 16790
Ion Ratio Lower Upper
252 100
253 33.6 29.6 44.4
125 24.0 23.9 35.9

Manual Integrations
APPROVED

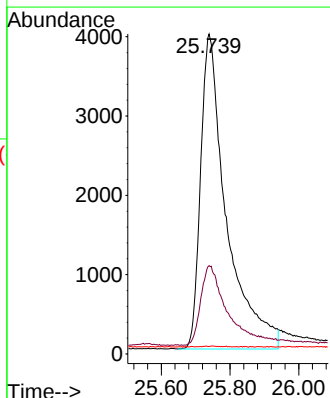
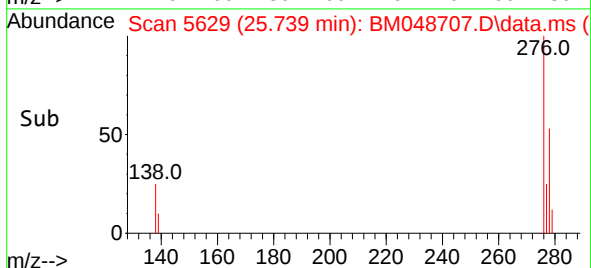
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

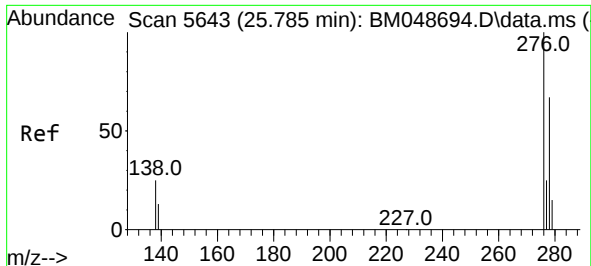


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.739 min Scan# 5629
Delta R.T. 0.000 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36



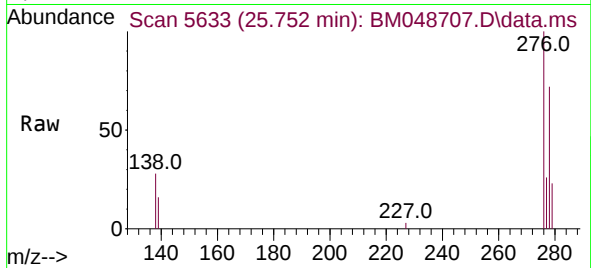
Tgt Ion:276 Resp: 20733
Ion Ratio Lower Upper
276 100
138 26.2 20.1 30.1
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.007 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36

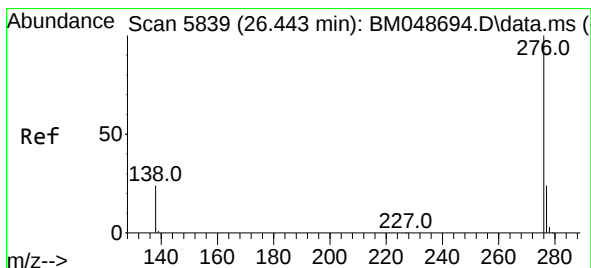
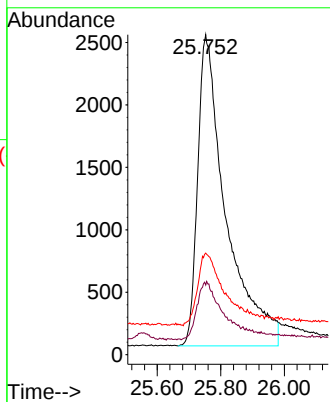
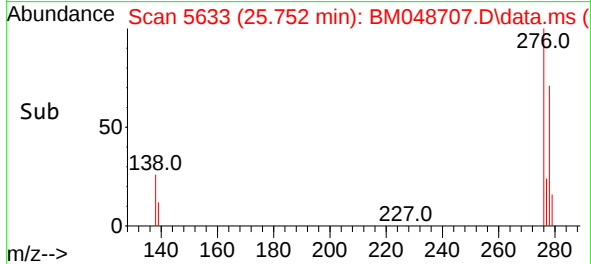
Instrument :
BNA_M
ClientSampleId :
SLCS855



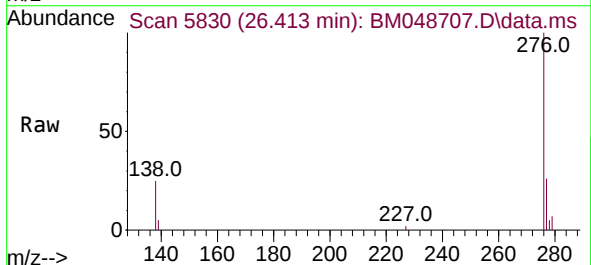
Tgt Ion: 278 Resp: 1536
Ion Ratio Lower Upper
278 100
139 21.7 17.8 26.8
279 31.8 26.6 39.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.413 min Scan# 5830
Delta R.T. -0.007 min
Lab File: BM048707.D
Acq: 15 Nov 2024 12:36



Tgt Ion: 276 Resp: 18364
Ion Ratio Lower Upper
276 100
138 25.4 21.0 31.6
277 25.8 20.5 30.7

