

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048757.D
 Acq On : 17 Nov 2024 00:55
 Operator : RC/JU
 Sample : P4761-09DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AN0DL

Manual Integrations
 APPROVED

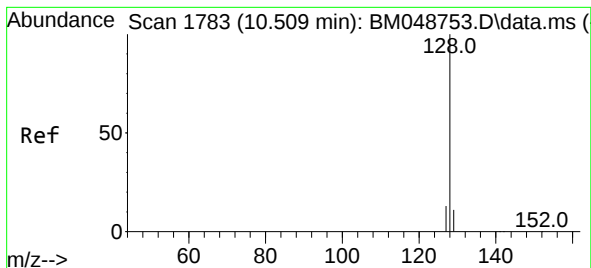
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 17 22:50:37 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 : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

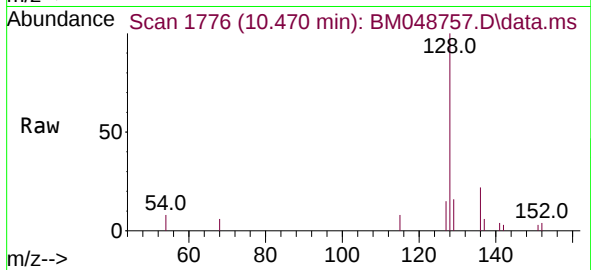
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	3404	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.421	136	9999	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.281	164	5748	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.028	188	11455	0.400	ng/ul	-0.02
17) Chrysene-d12	21.226	240	10239	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	9642m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	5127	1.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.043	152	1093	0.085	ng/ul	0.00
18) Fluoranthene-d10	19.059	212	2705	0.094	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.470	128	4728	0.189	ng/ul#	93
7) 2-Methylnaphthalene	12.120	142	608	0.039	ng/ul	97
8) 1-Methylnaphthalene	12.323	142	944	0.058	ng/ul	98
11) Acenaphthene	14.341	153	5633	0.323	ng/ul	99
12) Fluorene	15.336	166	7533	0.397	ng/ul	98
15) Phenanthrene	17.066	178	55957	1.860	ng/ul	98
16) Anthracene	17.159	178	12356	0.441	ng/ul	98
19) Fluoranthene	19.092	202	25944	0.684	ng/ul	96
20) Pyrene	19.449	202	17796	0.433	ng/ul	99
21) Benzo(a)anthracene	21.214	228	1356	0.040	ng/ul#	76
22) Chrysene	21.261	228	1402	0.035	ng/ul#	79

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



#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.470 min Scan# 1783
Delta R.T. -0.022 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

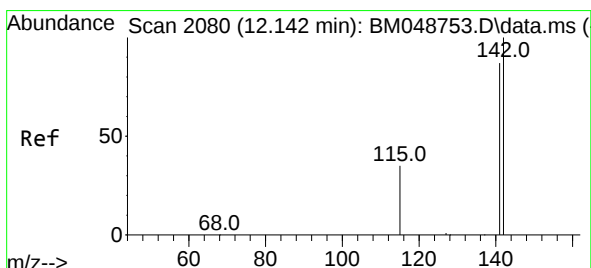
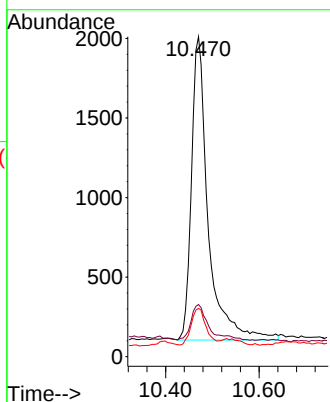
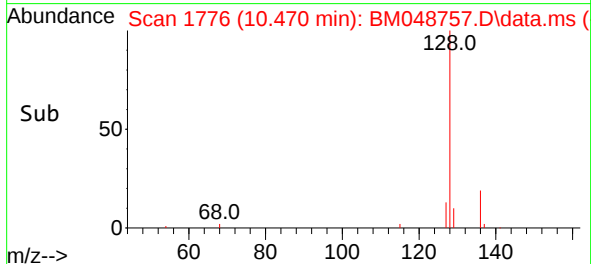
Instrument :
BNA_M
ClientSampleId :
A0ANODL



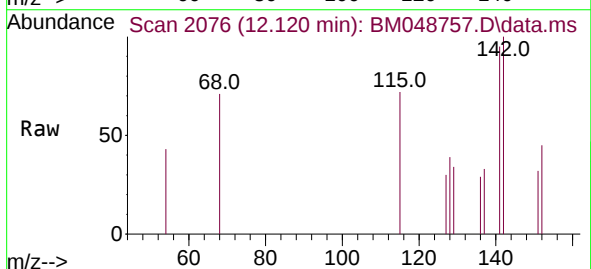
Tgt Ion:128 Resp: 4728
Ion Ratio Lower Upper
128 100
129 16.3 10.0 15.0
127 15.1 10.9 16.3

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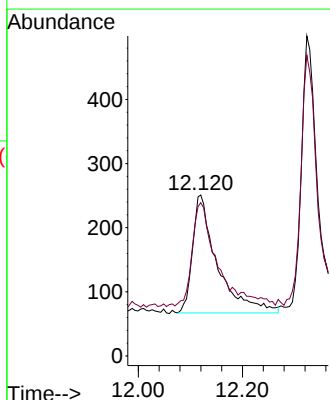
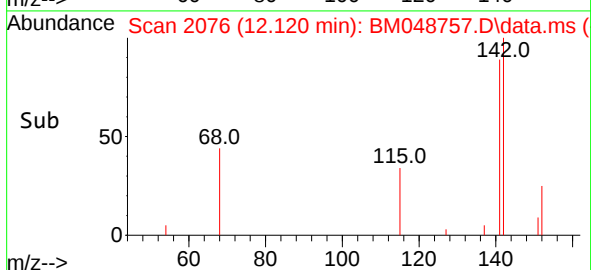
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

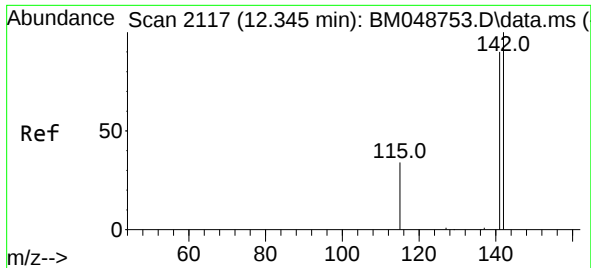


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.120 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55



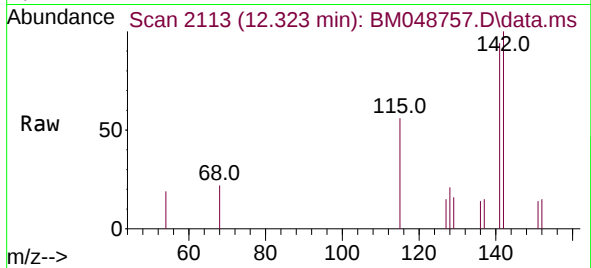
Tgt Ion:142 Resp: 608
Ion Ratio Lower Upper
142 100
141 89.0 68.6 103.0





#8
1-Methylnaphthalene
Concen: 0.058 ng/u1
RT: 12.323 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

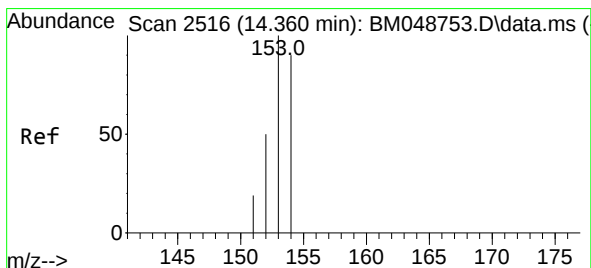
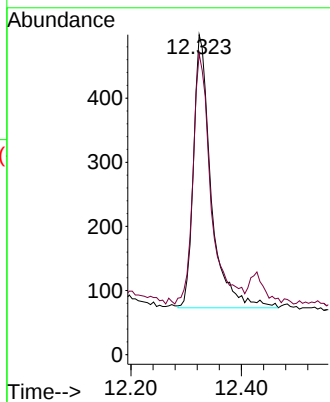
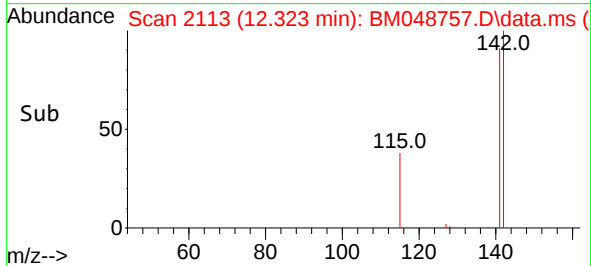
Instrument :
BNA_M
ClientSampleId :
A0AN0DL



Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
142 100
141 92.8 72.8 109.2

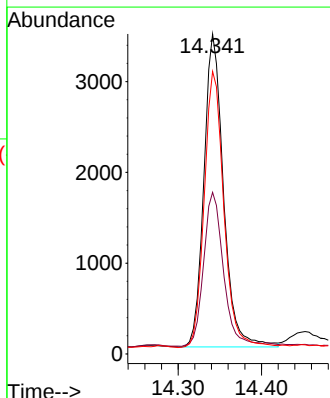
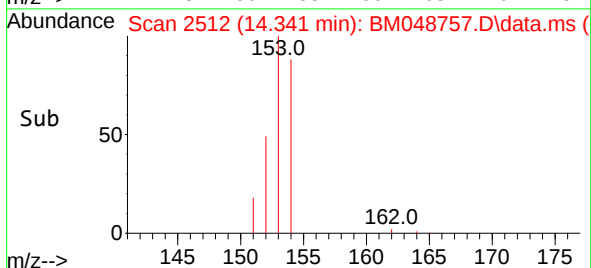
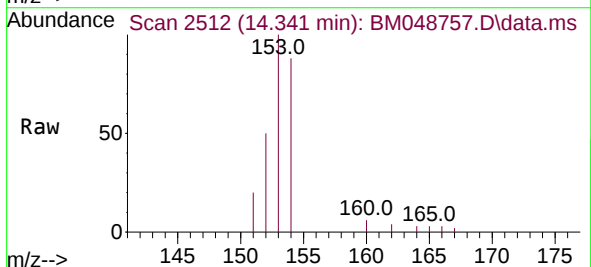
Manual Integrations
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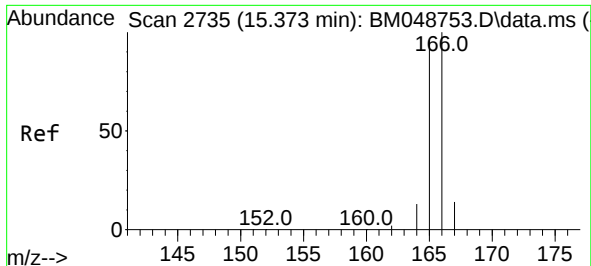
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#11
Acenaphthene
Concen: 0.323 ng/u1
RT: 14.341 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

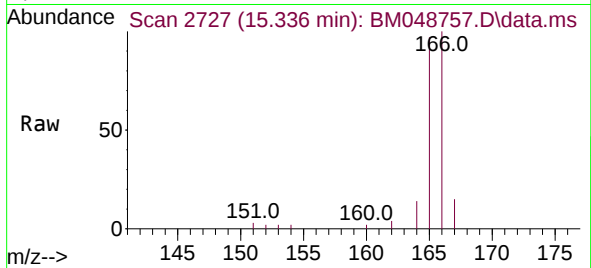
Tgt Ion:153 Resp: 5633
Ion Ratio Lower Upper
153 100
152 50.5 41.1 61.7
154 88.3 70.3 105.5





#12
Fluorene
Concen: 0.397 ng/u1
RT: 15.336 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

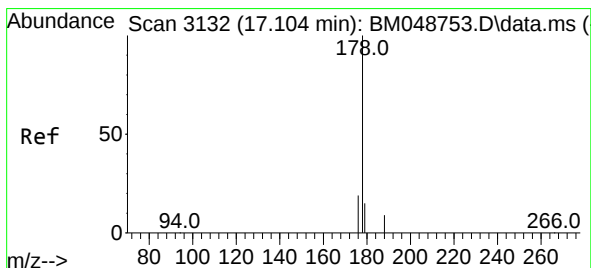
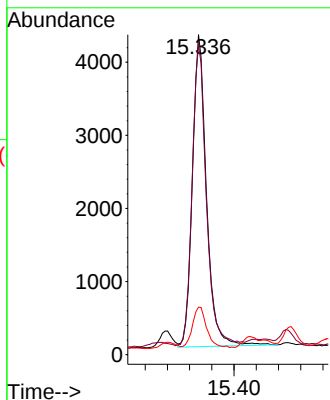
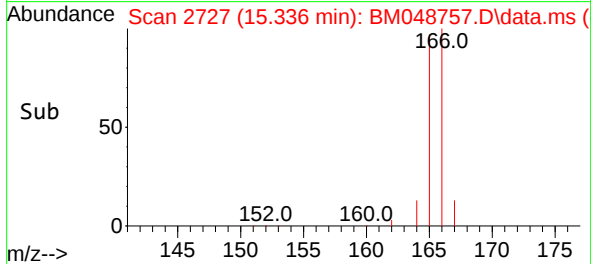
Instrument :
BNA_M
ClientSampleId :
A0AN0DL



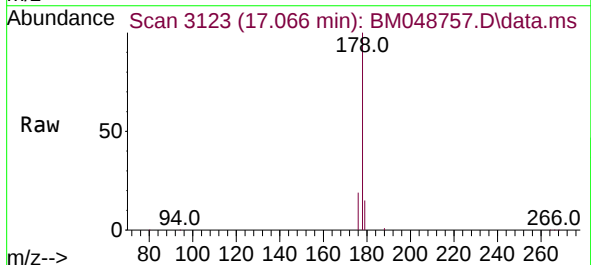
Tgt Ion:166 Resp: 753
Ion Ratio Lower Upper
166 100
165 97.0 78.7 118.1
167 14.9 12.6 18.8

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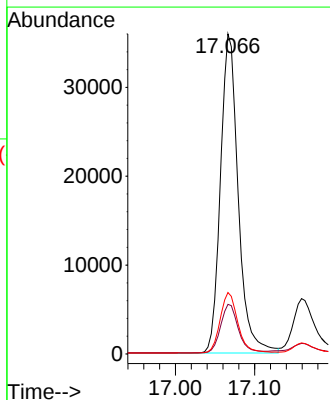
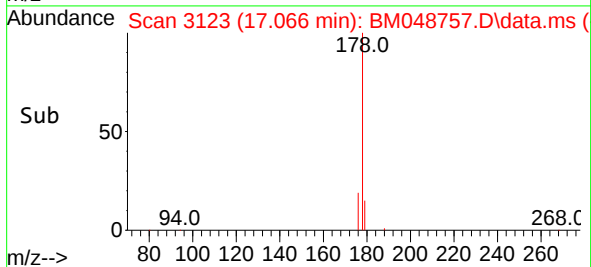
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

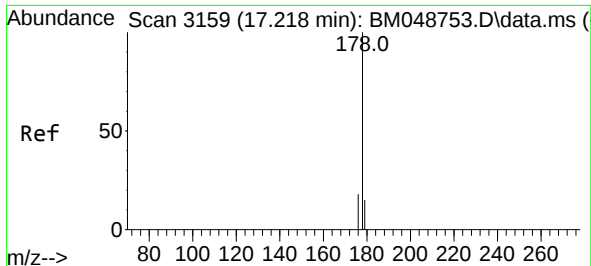


#15
Phenanthrene
Concen: 1.860 ng/u1
RT: 17.066 min Scan# 3123
Delta R.T. -0.021 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55



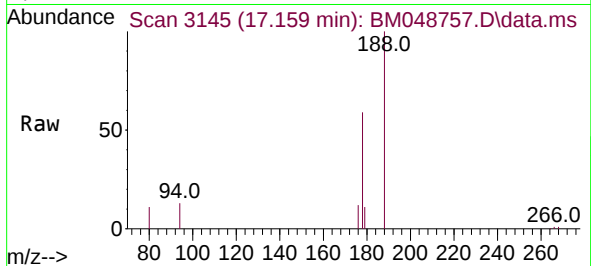
Tgt Ion:178 Resp: 55957
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.0
176 19.2 16.2 24.2





#16
Anthracene
Concen: 0.441 ng/ul
RT: 17.159 min Scan# 3159
Delta R.T. -0.034 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

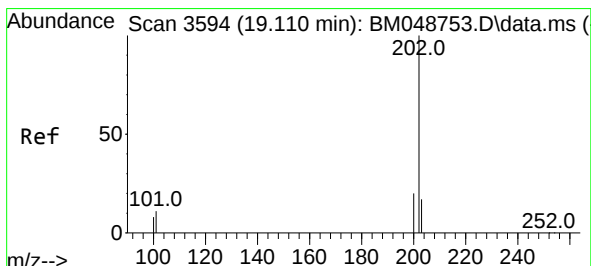
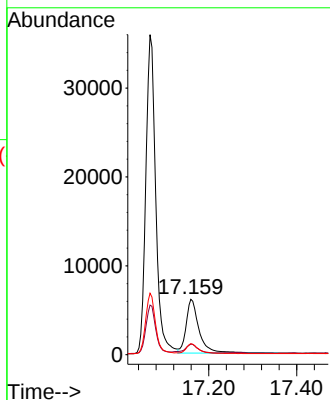
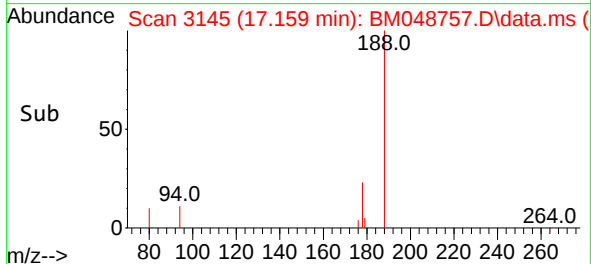
Instrument :
BNA_M
ClientSampleId :
A0AN0DL



Tgt Ion:178 Resp: 12350
Ion Ratio Lower Upper
178 100
179 19.2 13.7 20.5
176 19.9 15.9 23.9

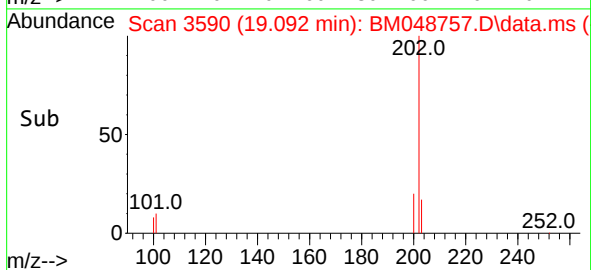
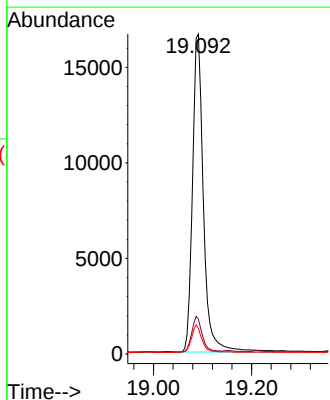
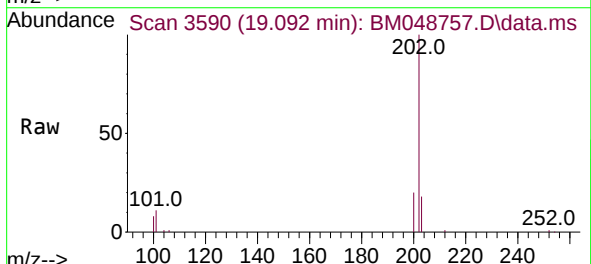
Manual Integrations
APPROVED

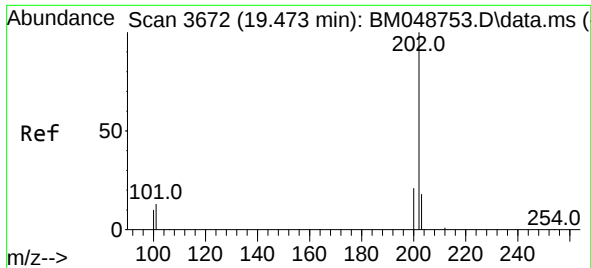
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#19
Fluoranthene
Concen: 0.684 ng/ul
RT: 19.092 min Scan# 3590
Delta R.T. -0.009 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

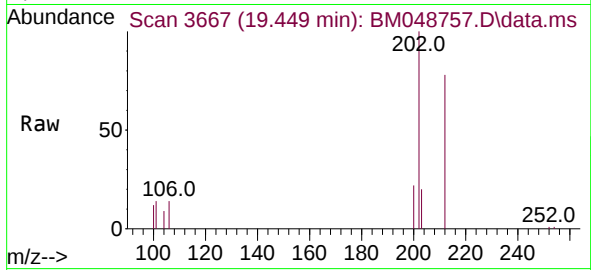
Tgt Ion:202 Resp: 25944
Ion Ratio Lower Upper
202 100
101 10.9 10.2 15.4
100 8.1 7.3 10.9





#20
 Pyrene
 Concen: 0.433 ng/u1
 RT: 19.449 min Scan# 3667
 Delta R.T. -0.014 min
 Lab File: BM048757.D
 Acq: 17 Nov 2024 00:55

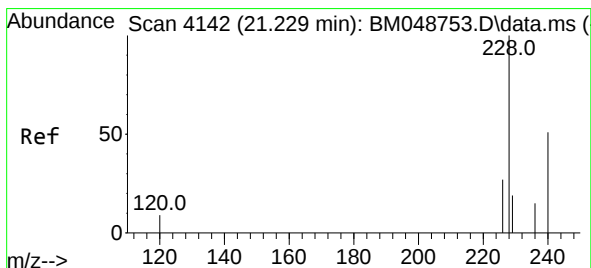
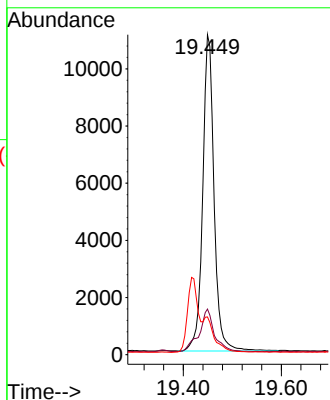
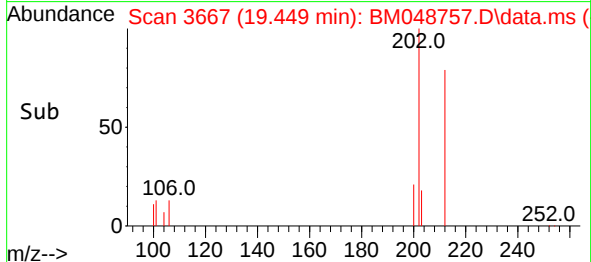
Instrument :
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 ClientSampleId :
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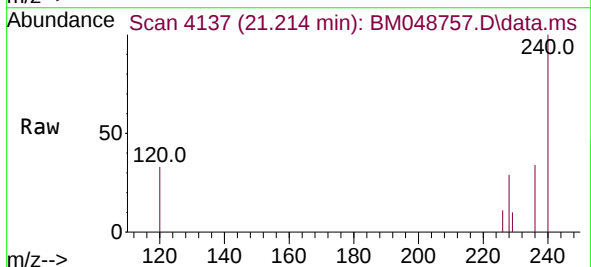
Tgt Ion:202 Resp: 17790
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.4 17.2
 100 11.8 8.5 12.7

Manual Integrations
 APPROVED

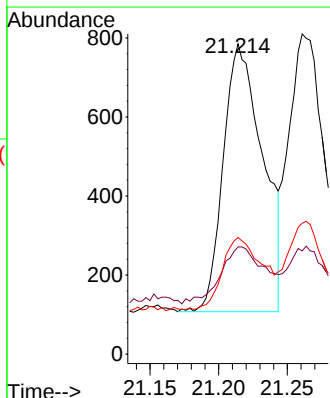
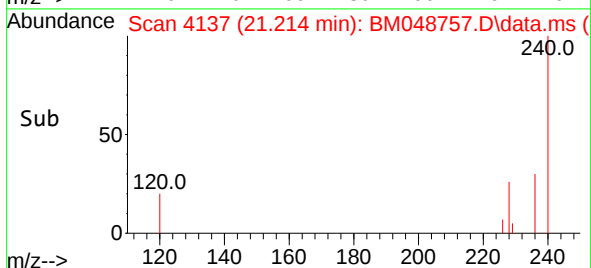
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

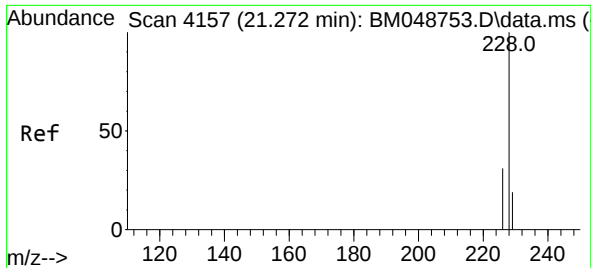


#21
 Benzo(a)anthracene
 Concen: 0.040 ng/u1
 RT: 21.214 min Scan# 4137
 Delta R.T. -0.003 min
 Lab File: BM048757.D
 Acq: 17 Nov 2024 00:55



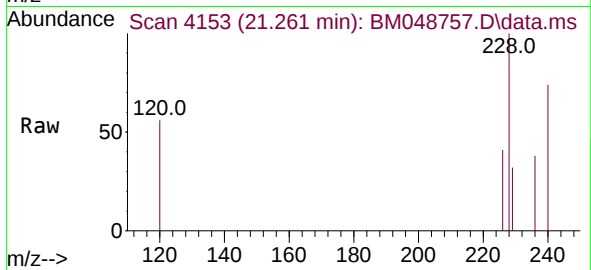
Tgt Ion:228 Resp: 1356
 Ion Ratio Lower Upper
 228 100
 229 34.5 16.2 24.2#
 226 37.6 22.1 33.1#





#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.261 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM048757.D
Acq: 17 Nov 2024 00:55

Instrument :
BNA_M
ClientSampleId :
A0AN0DL



Tgt Ion:228 Resp: 1402
Ion Ratio Lower Upper
228 100
226 40.9 24.4 36.6
229 32.2 16.5 24.7

Manual Integrations
APPROVED

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