

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048743.D
 Acq On : 16 Nov 2024 15:52
 Operator : RC/JU
 Sample : P4803-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AQ1

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 22:48:38 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	7.625	152	3596	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136	10600	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.277	164	5798	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.024	188	11486m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.217	240	9940m	0.400	ng/ul	-0.01
23) Perylene-d12	23.421	264	8668m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	21638	4.988	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.015	152	4700	0.343	ng/ul	-0.03
18) Fluoranthene-d10	19.059	212	10839	0.388	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.459	128	12021	0.453	ng/ul#	96
7) 2-Methylnaphthalene	12.092	142	3083	0.185	ng/ul	99
8) 1-Methylnaphthalene	12.307	142	9215	0.539	ng/ul	99
10) Acenaphthylene	13.994	152	2687	0.122	ng/ul#	69
11) Acenaphthene	14.337	153	29723	1.688	ng/ul	98
12) Fluorene	15.331	166	30646	1.601	ng/ul	98
15) Phenanthrene	17.066	178	29651m	0.983	ng/ul	
16) Anthracene	17.155	178	15191m	0.541	ng/ul	
19) Fluoranthene	19.087	202	34857	0.947	ng/ul	100
20) Pyrene	19.449	202	26011	0.651	ng/ul	99
21) Benzo(a)anthracene	21.202	228	3800	0.117	ng/ul#	75
22) Chrysene	21.252	228	3688	0.094	ng/ul#	78
24) Benzo(b)fluoranthene	22.757	252	1101	0.041	ng/ul#	1

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

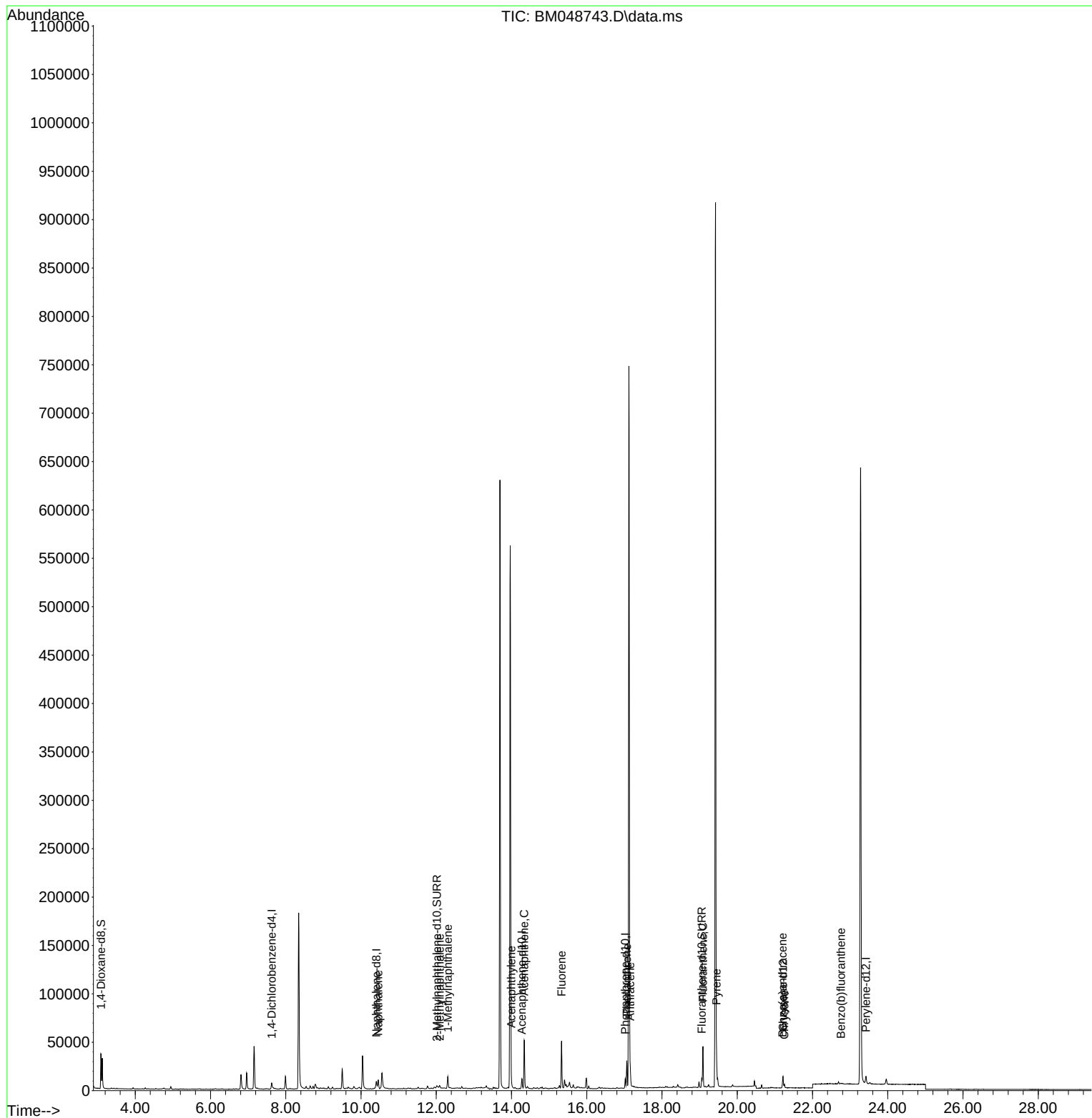
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048743.D
Acq On : 16 Nov 2024 15:52
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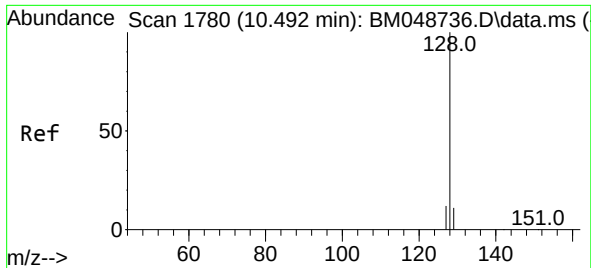
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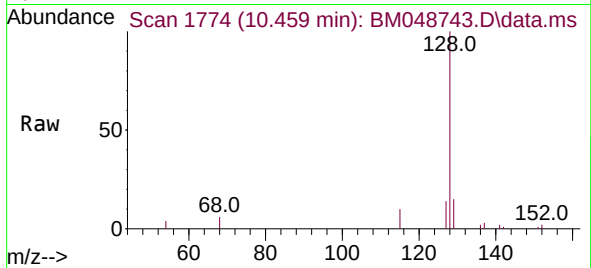
Quant Time: Nov 17 22:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 17 22:31:02 2024
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#5
Naphthalene
Concen: 0.453 ng/ul
RT: 10.459 min Scan# 1774
Delta R.T. -0.033 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

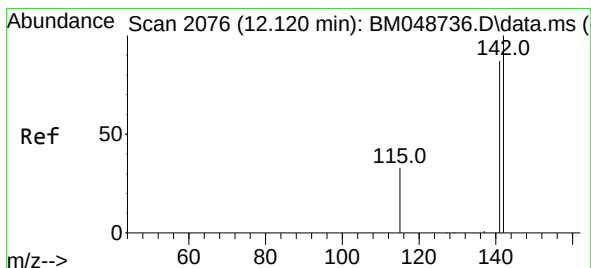
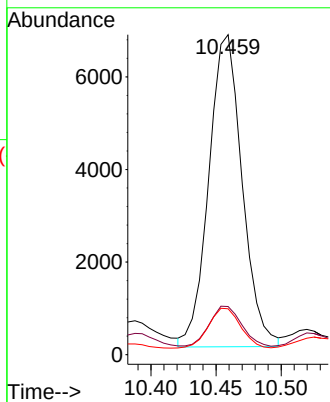
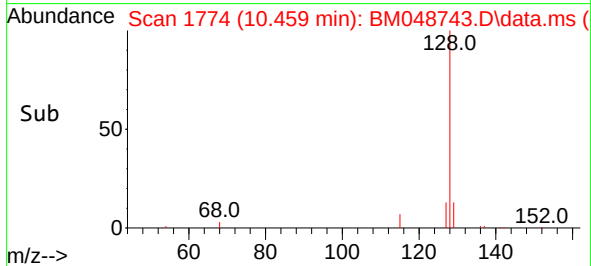
Instrument :
BNA_M
ClientSampleId :
A0AQ1



Tgt Ion:128 Resp: 1202
Ion Ratio Lower Upper
128 100
129 15.1 10.0 15.0
127 14.4 10.9 16.3

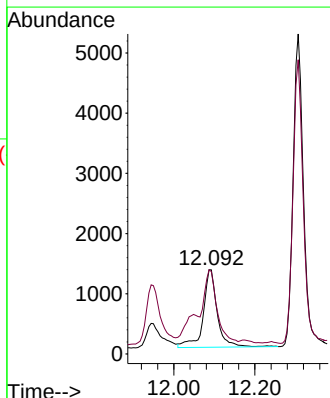
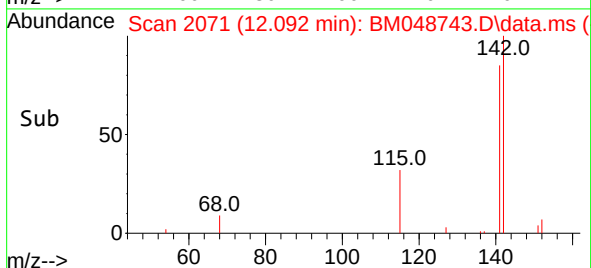
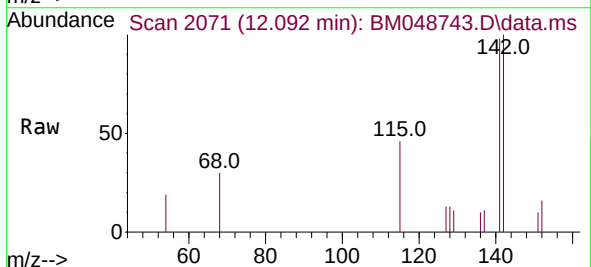
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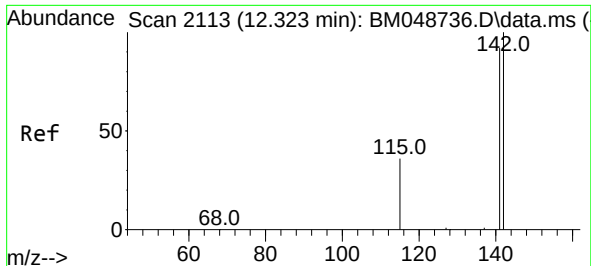
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#7
2-Methylnaphthalene
Concen: 0.185 ng/ul
RT: 12.092 min Scan# 2071
Delta R.T. -0.027 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

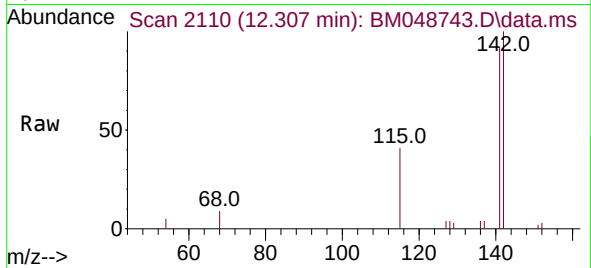
Tgt Ion:142 Resp: 3083
Ion Ratio Lower Upper
142 100
141 87.1 68.6 103.0





#8
1-Methylnaphthalene
Concen: 0.539 ng/ul
RT: 12.307 min Scan# 2113
Delta R.T. -0.016 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

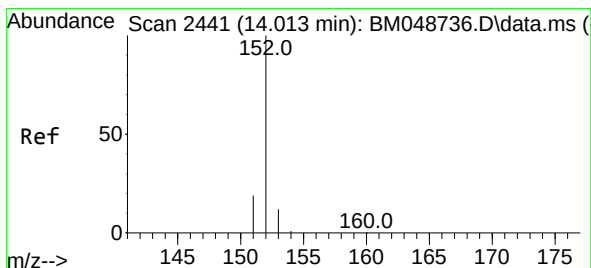
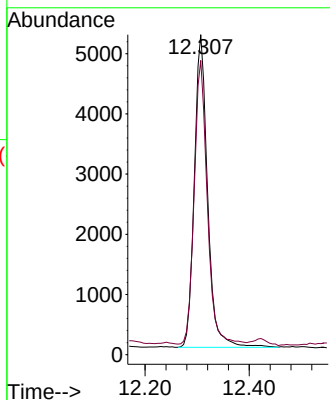
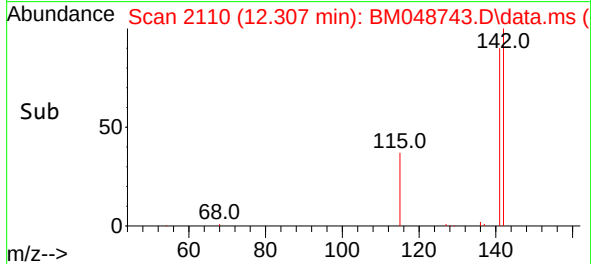
Instrument :
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ClientSampleId :
A0AQ1



Tgt Ion:142 Resp: 9215
Ion Ratio Lower Upper
142 100
141 90.0 72.8 109.2

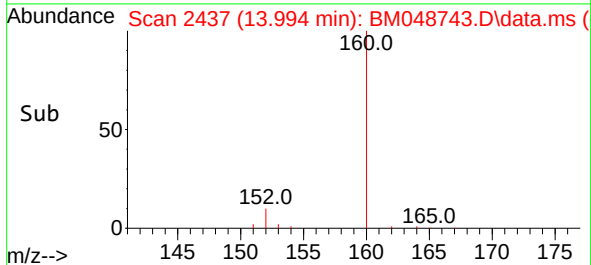
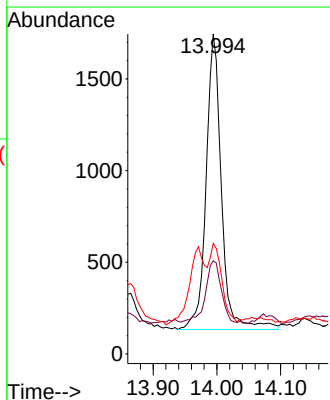
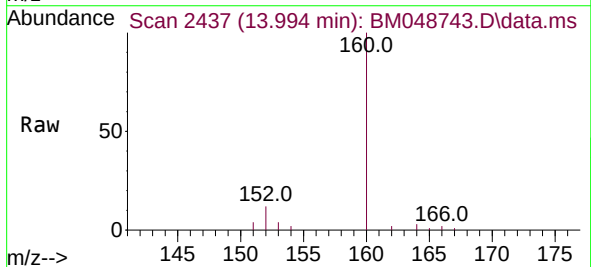
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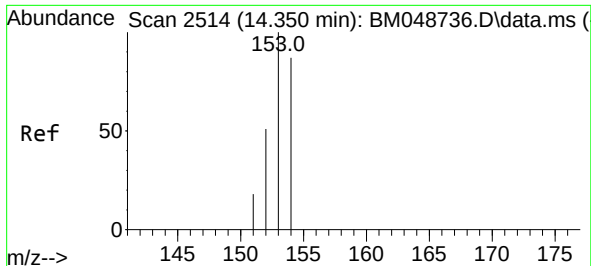
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Supervised By :mohammad ahmed 11/19/2024



#10
Acenaphthylene
Concen: 0.122 ng/ul
RT: 13.994 min Scan# 2437
Delta R.T. -0.018 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

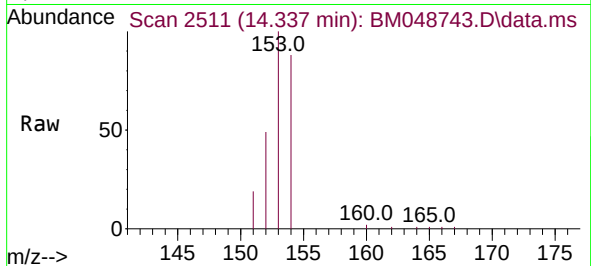
Tgt Ion:152 Resp: 2687
Ion Ratio Lower Upper
152 100
151 29.1 16.5 24.7#
153 34.6 11.6 17.4#





#11
Acenaphthene
Concen: 1.688 ng/ul
RT: 14.337 min Scan# 2111
Delta R.T. -0.014 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

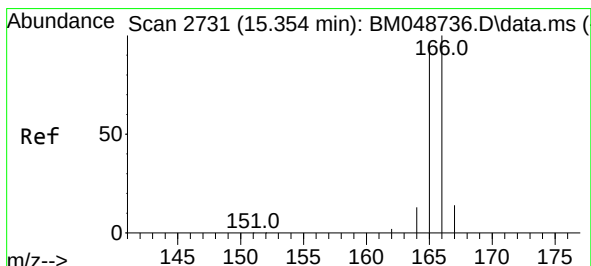
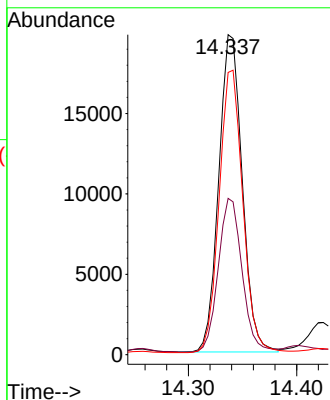
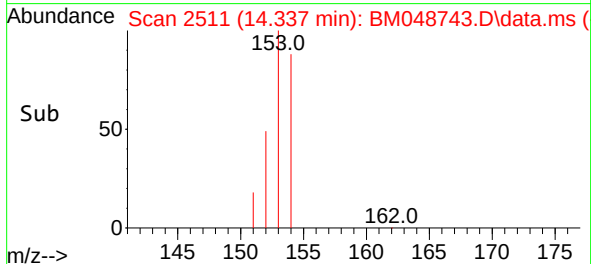
Instrument :
BNA_M
ClientSampleId :
A0AQ1



Tgt Ion:153 Resp: 2972
Ion Ratio Lower Upper
153 100
152 48.9 41.1 61.7
154 88.2 70.3 105.5

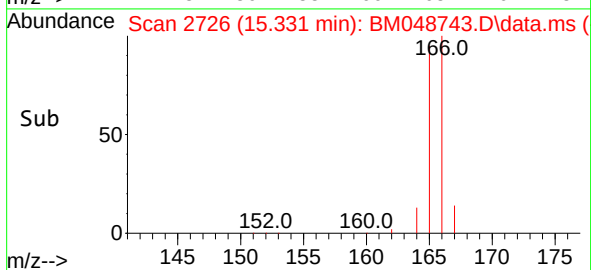
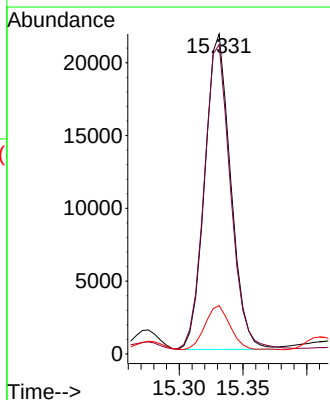
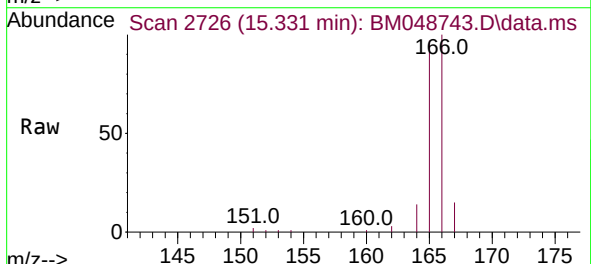
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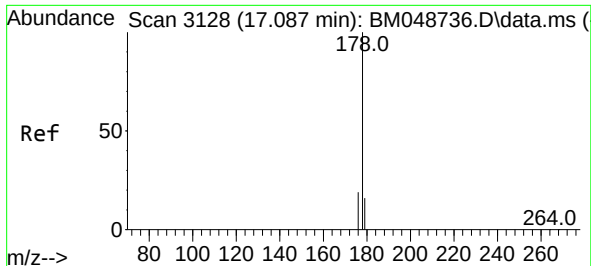
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#12
Fluorene
Concen: 1.601 ng/ul
RT: 15.331 min Scan# 2726
Delta R.T. -0.023 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

Tgt Ion:166 Resp: 30646
Ion Ratio Lower Upper
166 100
165 96.7 78.7 118.1
167 15.1 12.6 18.8





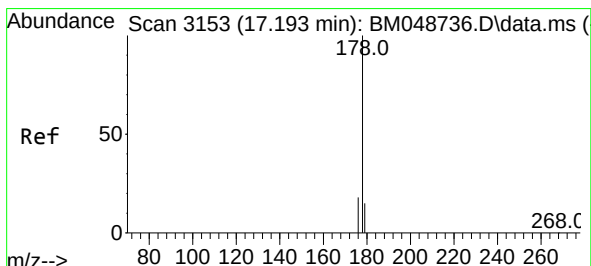
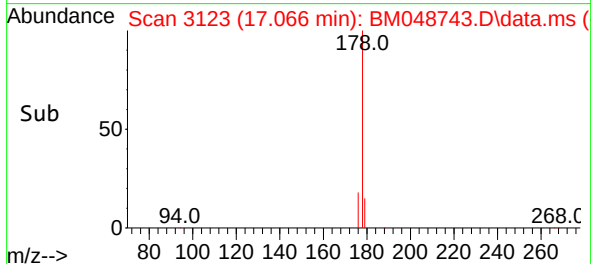
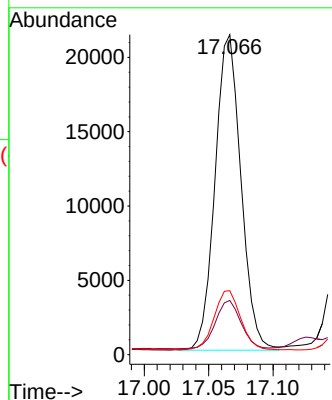
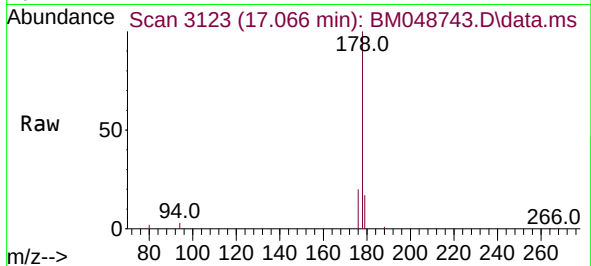
#15
Phenanthrene
Concen: 0.983 ng/ul m
RT: 17.066 min Scan# 3123
Delta R.T. -0.021 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

Instrument :
BNA_M
ClientSampleId :
A0AQ1

Tgt Ion:178 Resp: 2965
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 20.0 16.2 24.2

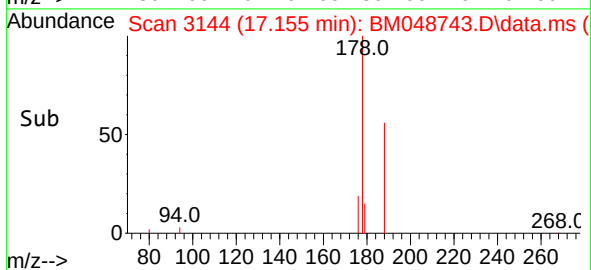
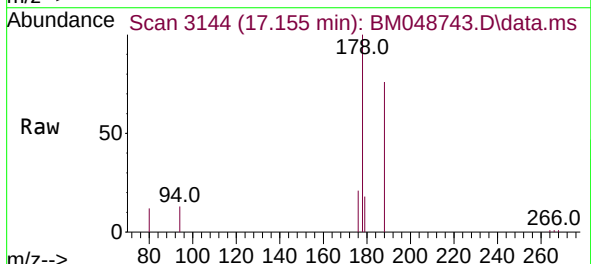
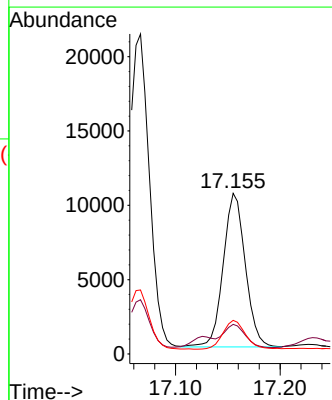
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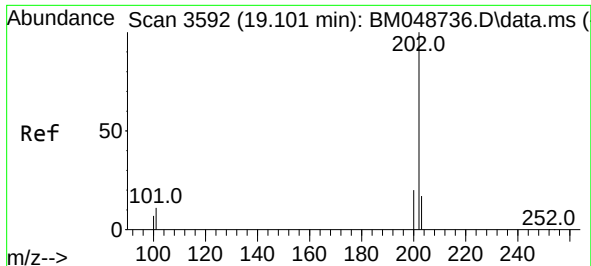
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#16
Anthracene
Concen: 0.541 ng/ul m
RT: 17.155 min Scan# 3144
Delta R.T. -0.038 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

Tgt Ion:178 Resp: 15191
Ion Ratio Lower Upper
178 100
179 18.4 13.7 20.5
176 20.9 15.9 23.9





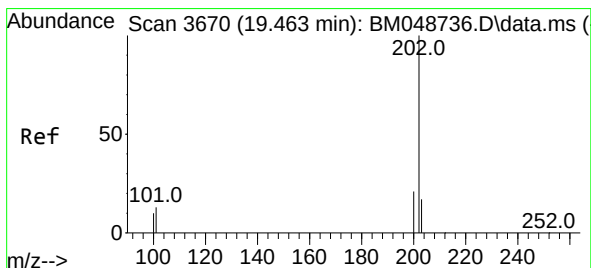
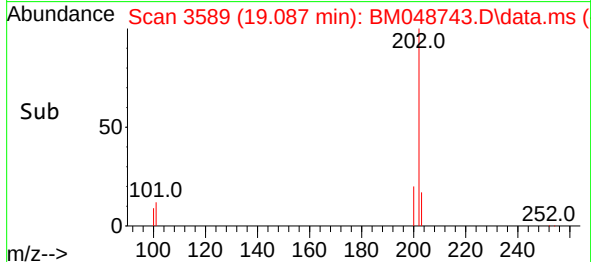
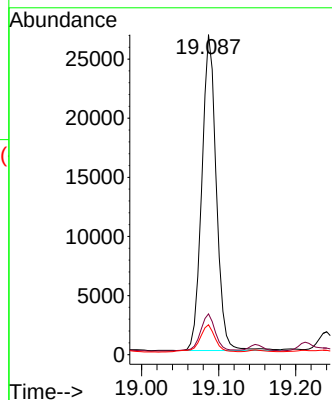
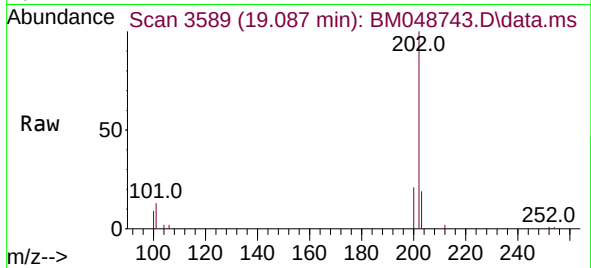
#19
Fluoranthene
Concen: 0.947 ng/u1
RT: 19.087 min Scan# 3589
Delta R.T. -0.014 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

Instrument :
BNA_M
ClientSampleId :
A0AQ1

Tgt Ion:202 Resp: 3485
Ion Ratio Lower Upper
202 100
101 12.7 10.2 15.4
100 9.4 7.3 10.9

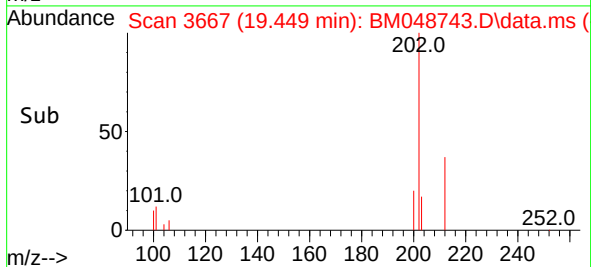
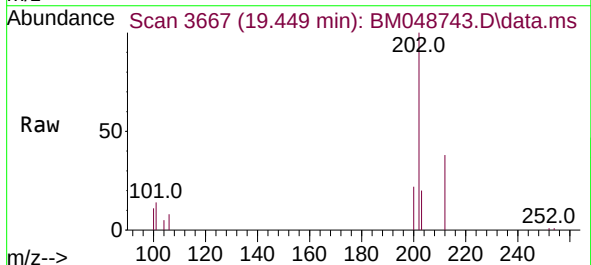
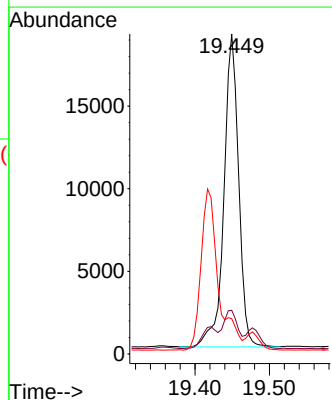
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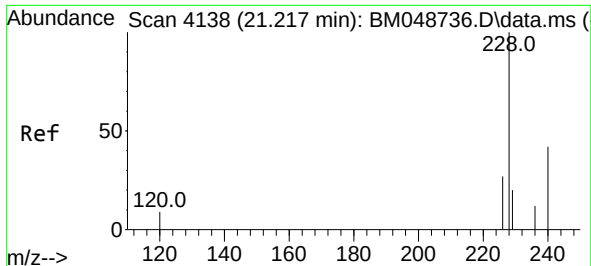
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Supervised By :mohammad ahmed 11/19/2024



#20
Pyrene
Concen: 0.651 ng/u1
RT: 19.449 min Scan# 3667
Delta R.T. -0.014 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

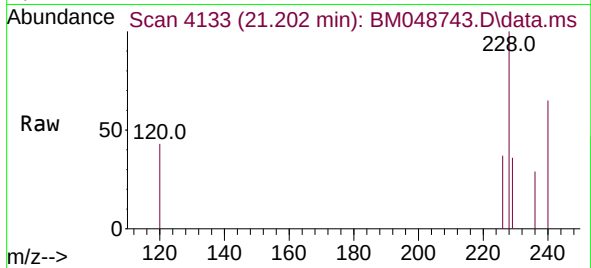
Tgt Ion:202 Resp: 26011
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.2
100 11.0 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.117 ng/u1
RT: 21.202 min Scan# 4133
Delta R.T. -0.014 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

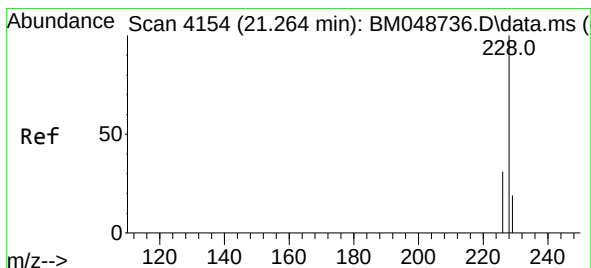
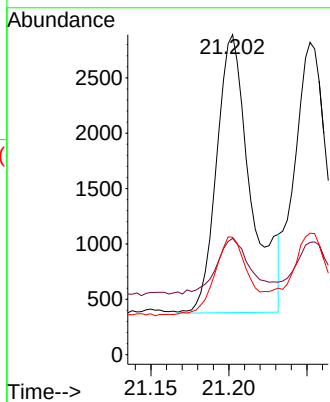
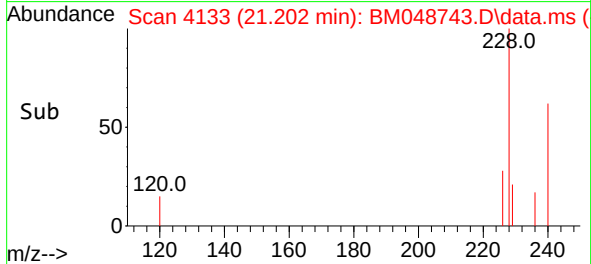
Instrument :
BNA_M
ClientSampleId :
A0AQ1



Tgt Ion:228 Resp: 3800
Ion Ratio Lower Upper
228 100
229 36.3 16.2 24.2#
226 36.7 22.1 33.1#

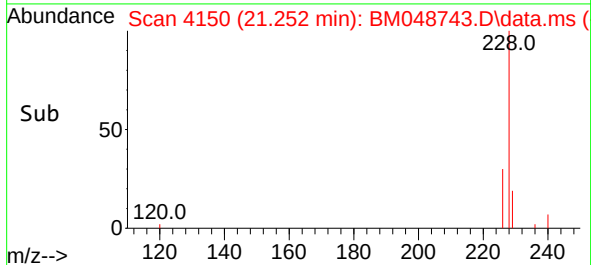
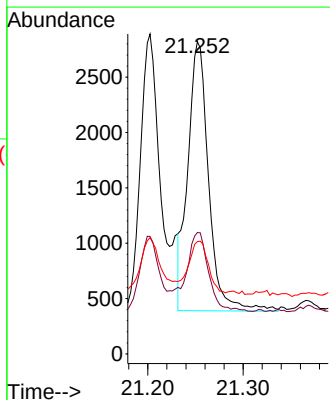
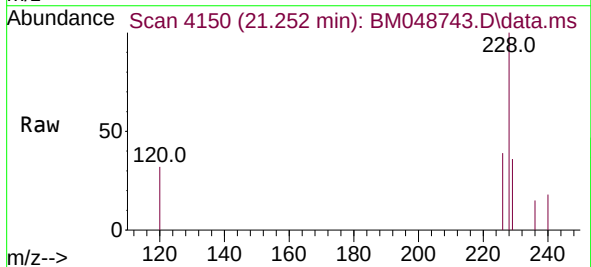
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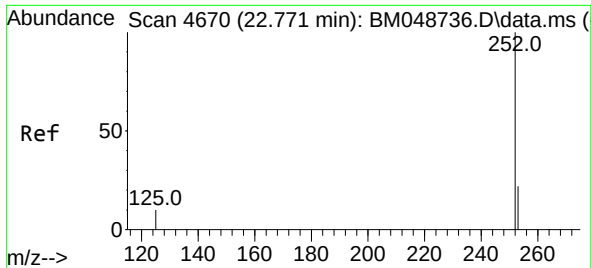
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#22
Chrysene
Concen: 0.094 ng/u1
RT: 21.252 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

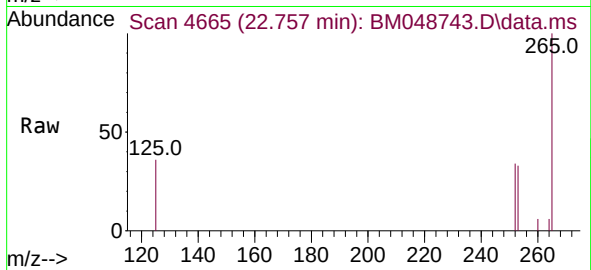
Tgt Ion:228 Resp: 3688
Ion Ratio Lower Upper
228 100
226 38.9 24.4 36.6#
229 36.0 16.5 24.7#





#24
Benzo(b)fluoranthene
Concen: 0.041 ng/ul
RT: 22.757 min Scan# 4665
Delta R.T. -0.014 min
Lab File: BM048743.D
Acq: 16 Nov 2024 15:52

Instrument :
BNA_M
ClientSampleId :
A0AQ1



Tgt Ion:252 Resp: 110
Ion Ratio Lower Upper
252 100
253 98.4 0.0 61.6
125 106.3 0.0 43.2

Manual Integrations
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Supervised By :mohammad ahmed 11/19/2024

