

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048704.D
 Acq On : 15 Nov 2024 10:47
 Operator : RC/JU
 Sample : P4761-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AN8

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 12:02:29 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	7.653	152	5012	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.436	136	15840	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.298	164	9370	0.400	ng/ul	-0.03
13) Phenanthrene-d10	17.048	188	20517m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.242	240	16112m	0.400	ng/ul	-0.02
23) Perylene-d12	23.454	264	14351m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	24586	4.066	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.036	152	5858	0.286	ng/ul	-0.07
18) Fluoranthene-d10	19.076	212	13729	0.304	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.480	128	32314	0.814	ng/ul	98
7) 2-Methylnaphthalene	12.113	142	4916	0.197	ng/ul	88
8) 1-Methylnaphthalene	12.328	142	7123	0.279	ng/ul	100
11) Acenaphthene	14.363	153	5341	0.188	ng/ul	99
12) Fluorene	15.353	166	5285	0.171	ng/ul#	93
15) Phenanthrene	17.086	178	6752m	0.125	ng/ul	
16) Anthracene	17.179	178	3337m	0.067	ng/ul	
19) Fluoranthene	19.109	202	4838	0.081	ng/ul#	52
20) Pyrene	19.471	202	3398	0.052	ng/ul#	64

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

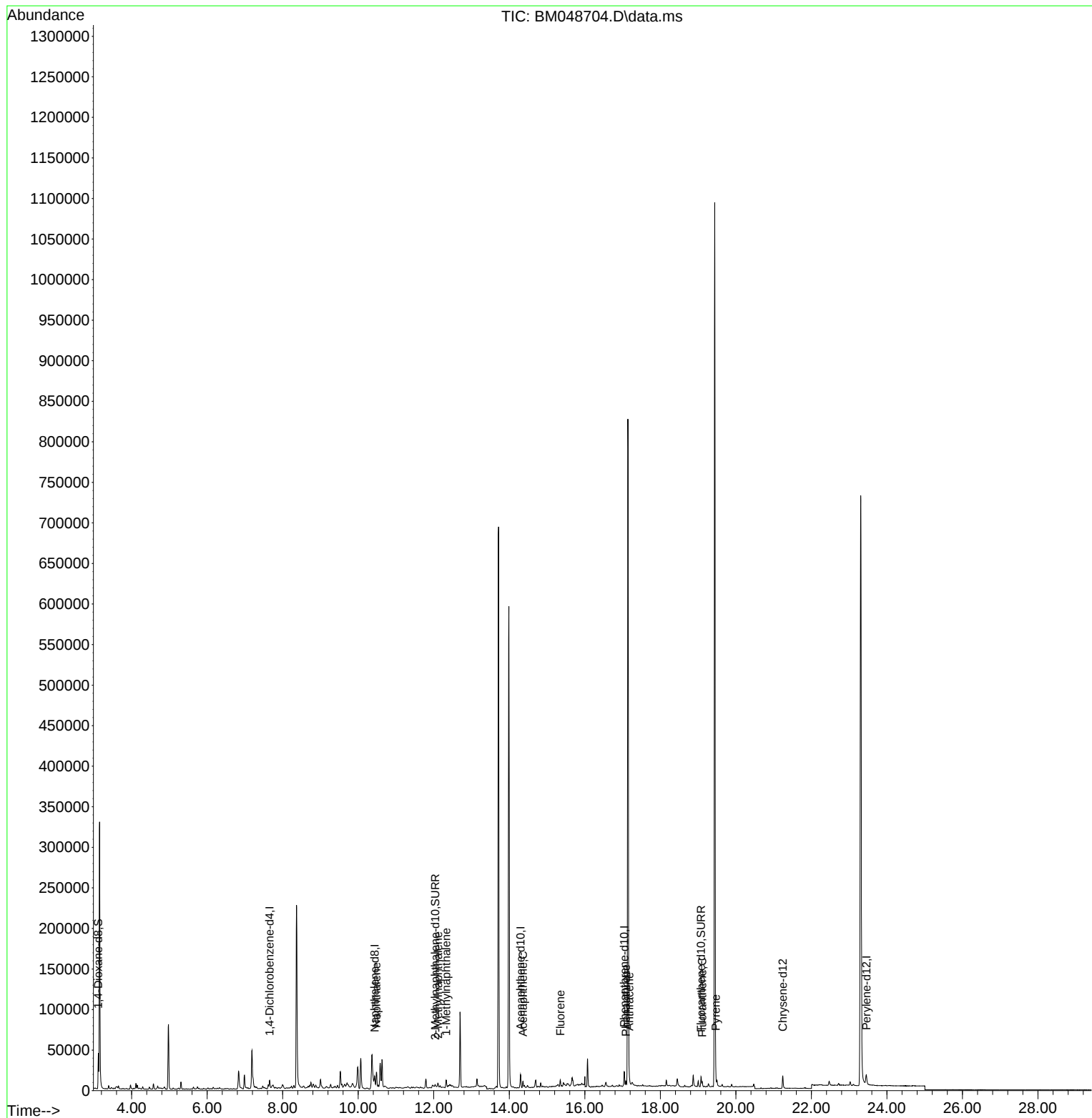
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
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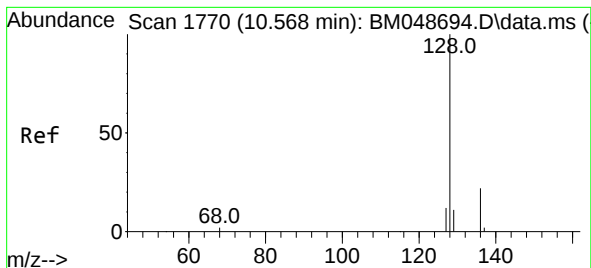
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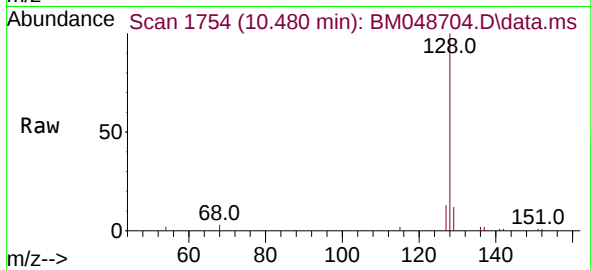
Quant Time: Nov 15 12:02:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
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#5
Naphthalene
Concen: 0.814 ng/ul
RT: 10.480 min Scan# 1754
Delta R.T. -0.066 min
Lab File: BM048704.D
Acq: 15 Nov 2024 10:47

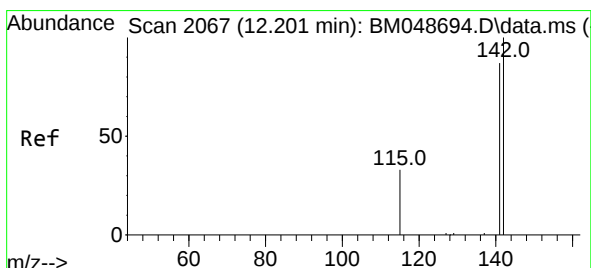
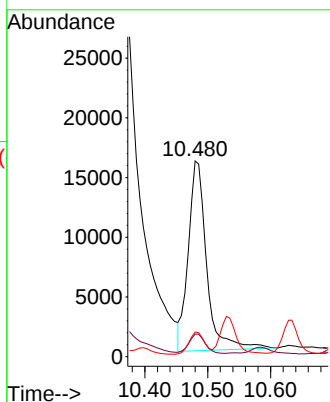
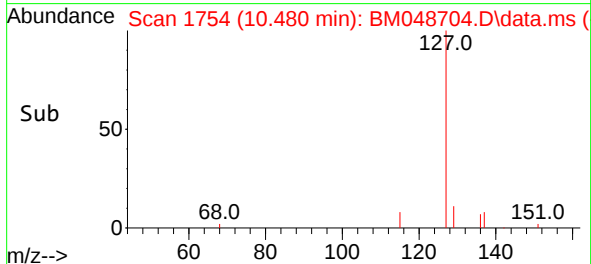
Instrument :
BNA_M
ClientSampleId :
A0AN8



Tgt Ion:128 Resp: 32314
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 12.6 10.9 16.3

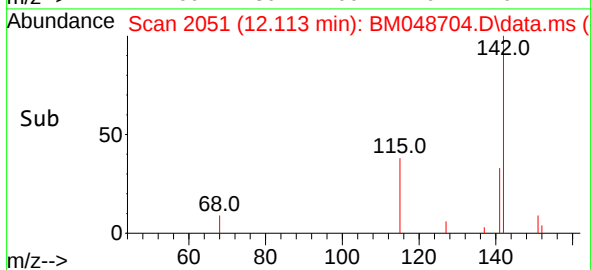
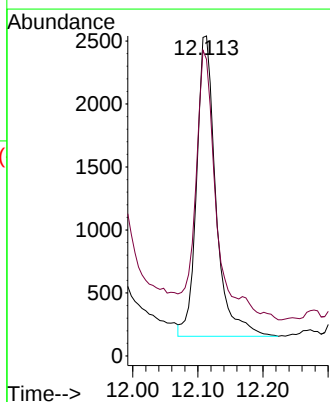
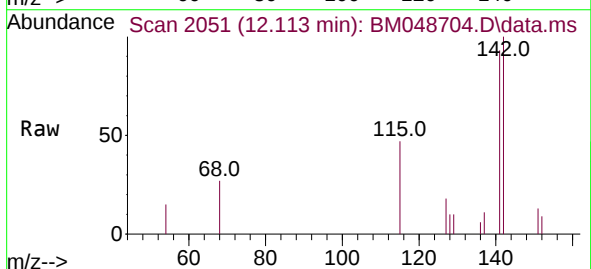
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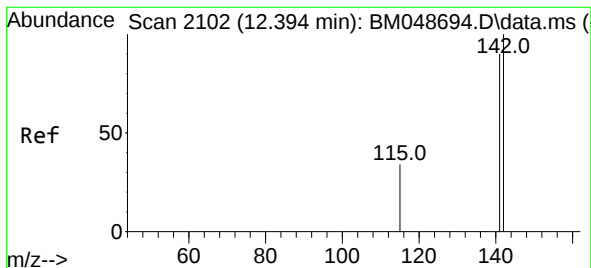
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#7
2-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.066 min
Lab File: BM048704.D
Acq: 15 Nov 2024 10:47

Tgt Ion:142 Resp: 4916
Ion Ratio Lower Upper
142 100
141 96.7 68.6 103.0





#8

1-Methylnaphthalene

Concen: 0.279 ng/ul

RT: 12.328 min Scan# 2090

Delta R.T. -0.050 min

Lab File: BM048704.D

Acq: 15 Nov 2024 10:47

Instrument :

BNA_M

ClientSampleId :

A0AN8

Tgt Ion:142 Resp: 712

Ion Ratio Lower Upper

142 100

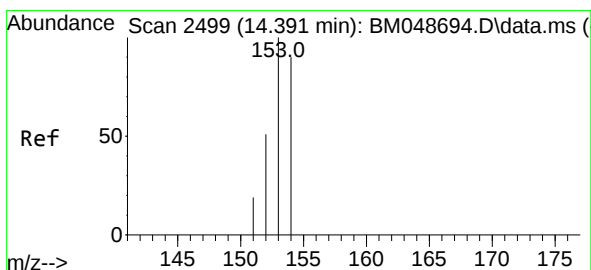
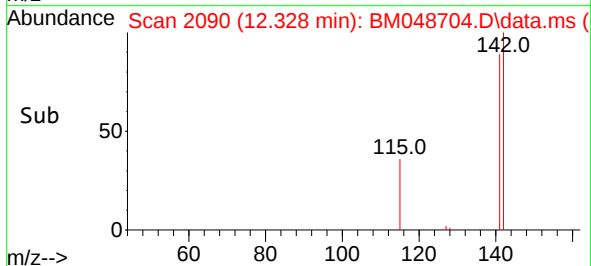
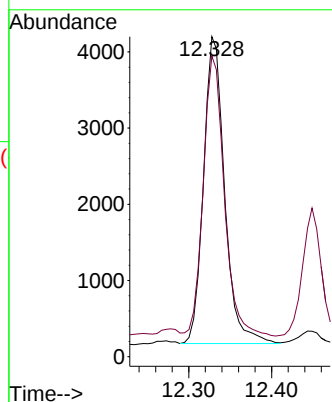
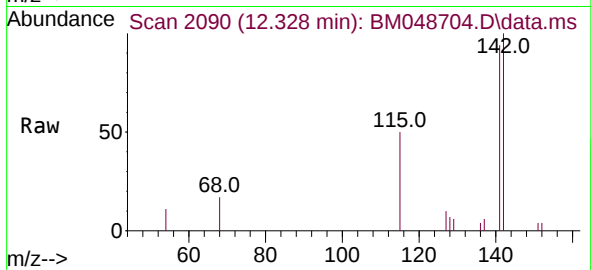
141 91.3 72.8 109.2

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#11

Acenaphthene

Concen: 0.188 ng/ul

RT: 14.363 min Scan# 2493

Delta R.T. -0.023 min

Lab File: BM048704.D

Acq: 15 Nov 2024 10:47

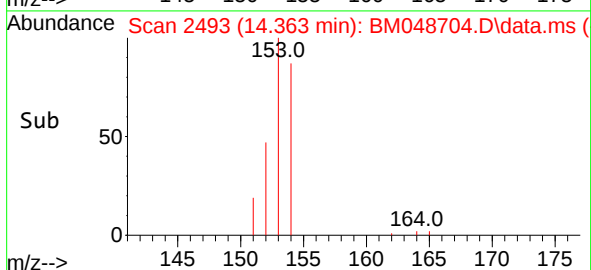
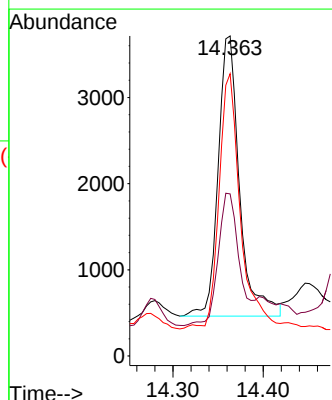
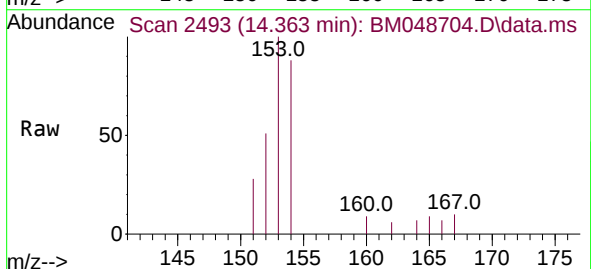
Tgt Ion:153 Resp: 5341

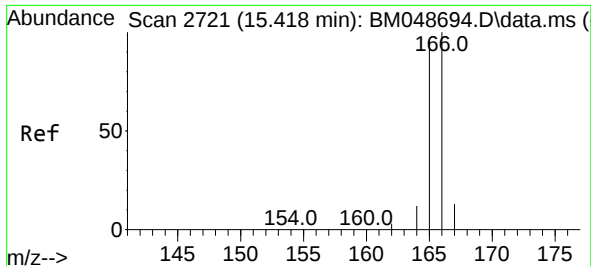
Ion Ratio Lower Upper

153 100

152 50.7 41.1 61.7

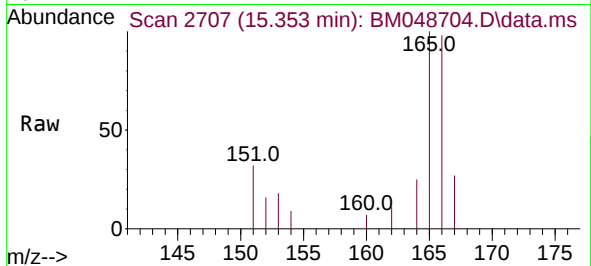
154 88.2 70.3 105.5





#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.353 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM048704.D
Acq: 15 Nov 2024 10:47

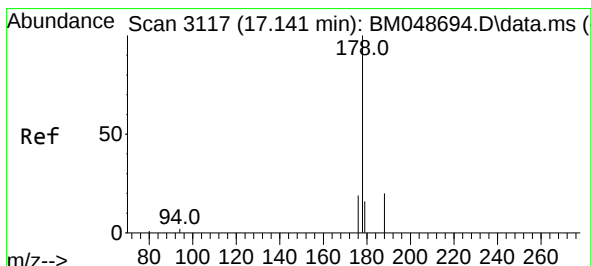
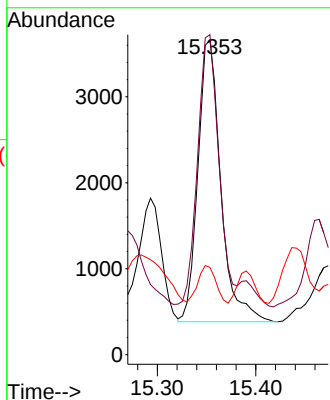
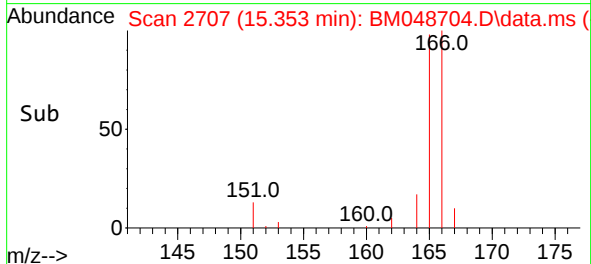
Instrument :
BNA_M
ClientSampleId :
A0AN8



Tgt Ion:166 Resp: 528
Ion Ratio Lower Upper
166 100
165 101.7 78.7 118.1
167 27.8 12.6 18.8

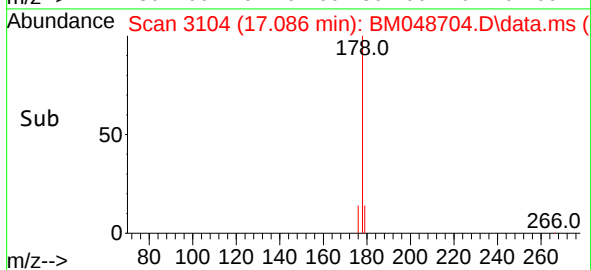
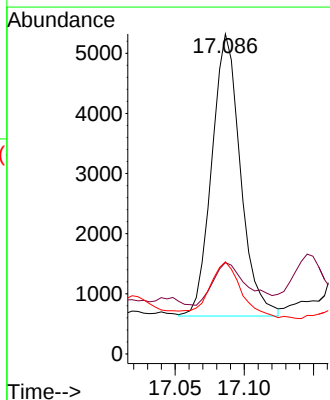
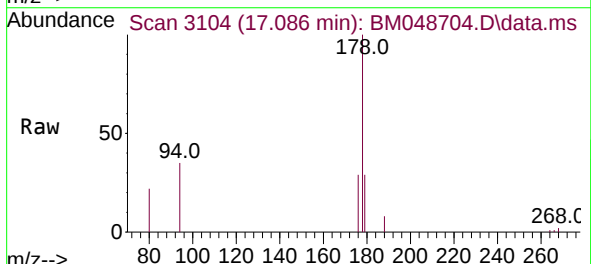
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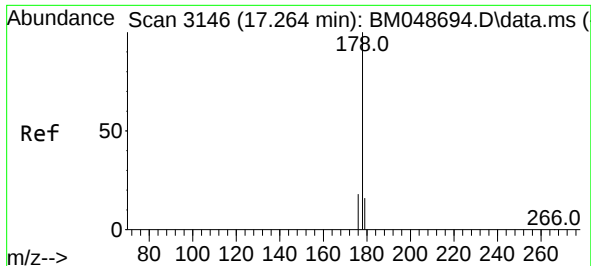
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#15
Phenanthrene
Concen: 0.125 ng/ul m
RT: 17.086 min Scan# 3104
Delta R.T. -0.042 min
Lab File: BM048704.D
Acq: 15 Nov 2024 10:47

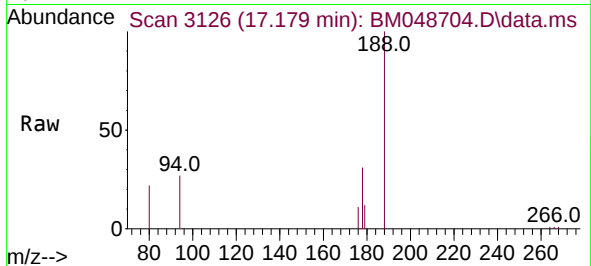
Tgt Ion:178 Resp: 6752
Ion Ratio Lower Upper
178 100
179 28.5 13.4 20.0#
176 28.8 16.2 24.2#





#16
 Anthracene
 Concen: 0.067 ng/ul m
 RT: 17.179 min Scan# 3146
 Delta R.T. -0.059 min
 Lab File: BM048704.D
 Acq: 15 Nov 2024 10:47

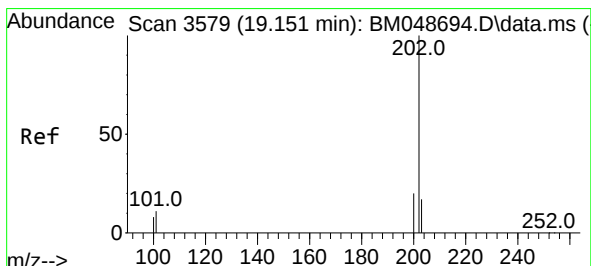
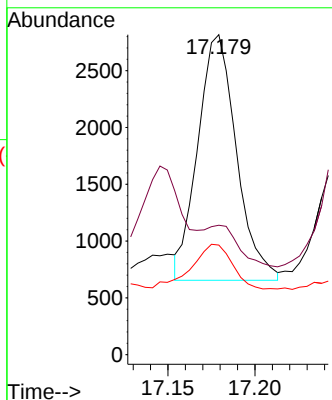
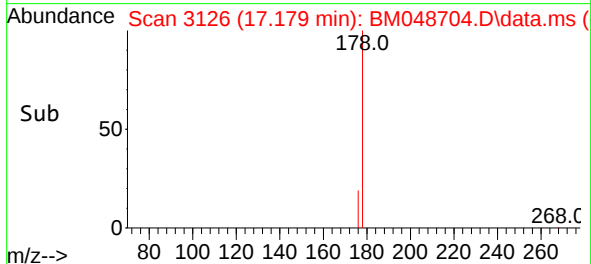
Instrument :
 BNA_M
 ClientSampleId :
 A0AN8



Tgt Ion:178 Resp: 333
 Ion Ratio Lower Upper
 178 100
 179 40.4 13.7 20.5
 176 34.3 15.9 23.9

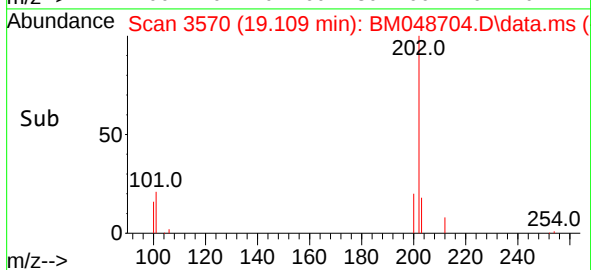
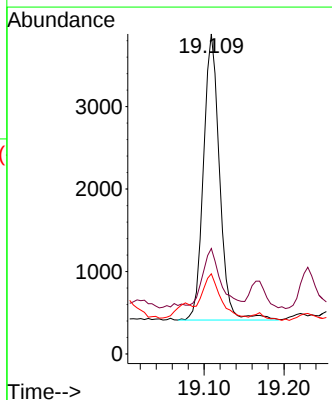
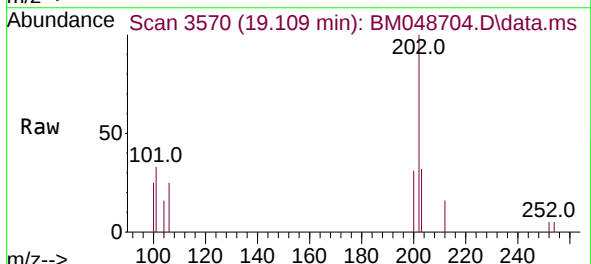
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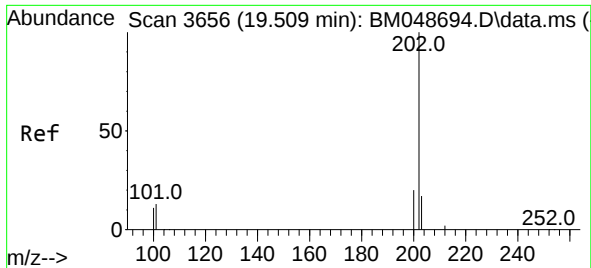
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 Supervised By :mohammad ahmed 11/15/2024



#19
 Fluoranthene
 Concen: 0.081 ng/ul
 RT: 19.109 min Scan# 3570
 Delta R.T. -0.033 min
 Lab File: BM048704.D
 Acq: 15 Nov 2024 10:47

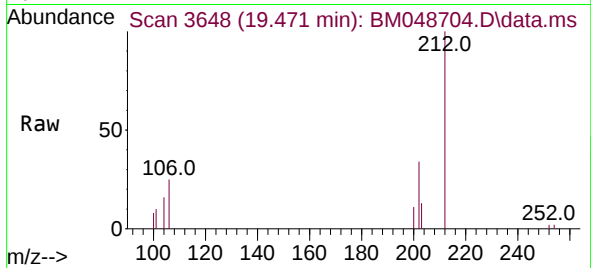
Tgt Ion:202 Resp: 4838
 Ion Ratio Lower Upper
 202 100
 101 33.0 10.2 15.4#
 100 25.0 7.3 10.9#





#20
 Pyrene
 Concen: 0.052 ng/ul
 RT: 19.471 min Scan# 30
 Delta R.T. -0.033 min
 Lab File: BM048704.D
 Acq: 15 Nov 2024 10:47

Instrument :
 BNA_M
 ClientSampleId :
 A0AN8



Tgt Ion:202 Resp: 3398
 Ion Ratio Lower Upper
 202 100
 101 28.8 11.4 17.25
 100 24.2 8.5 12.75

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