

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049120.D
 Acq On : 21 Dec 2024 03:38
 Operator : RC/JU
 Sample : P5265-14RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z9RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 21 04:04:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	10466	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	32485	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.195	164	26387	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	44699m	0.400	ng/ul	0.00
17) Chrysene-d12	21.158	240	32208m	0.400	ng/ul	0.01
23) Perylene-d12	23.338	264	37960m	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	40656	3.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	9458	0.217	ng/ul	-0.01
18) Fluoranthene-d10	18.991	212	24488m	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	10691	0.131	ng/ul#	92
7) 2-Methylnaphthalene	11.991	142	27302	0.530	ng/ul	99
8) 1-Methylnaphthalene	12.211	142	28056	0.532	ng/ul	92
10) Acenaphthylene	13.932	152	10295	0.094	ng/ul#	1
11) Acenaphthene	14.256	153	5065	0.063	ng/ul#	75
12) Fluorene	15.250	166	34811	0.387	ng/ul#	58
15) Phenanthrene	16.988	178	251256m	2.152	ng/ul	
19) Fluoranthene	19.024	202	64255m	0.552	ng/ul	
20) Pyrene	19.382	202	114021m	0.918	ng/ul	
21) Benzo(a)anthracene	21.143	228	10492m	0.094	ng/ul	
22) Chrysene	21.175	228	84388m	0.702	ng/ul	
29) Benzo(g,h,i)perylene	26.141	276	17924m	0.135	ng/ul	

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

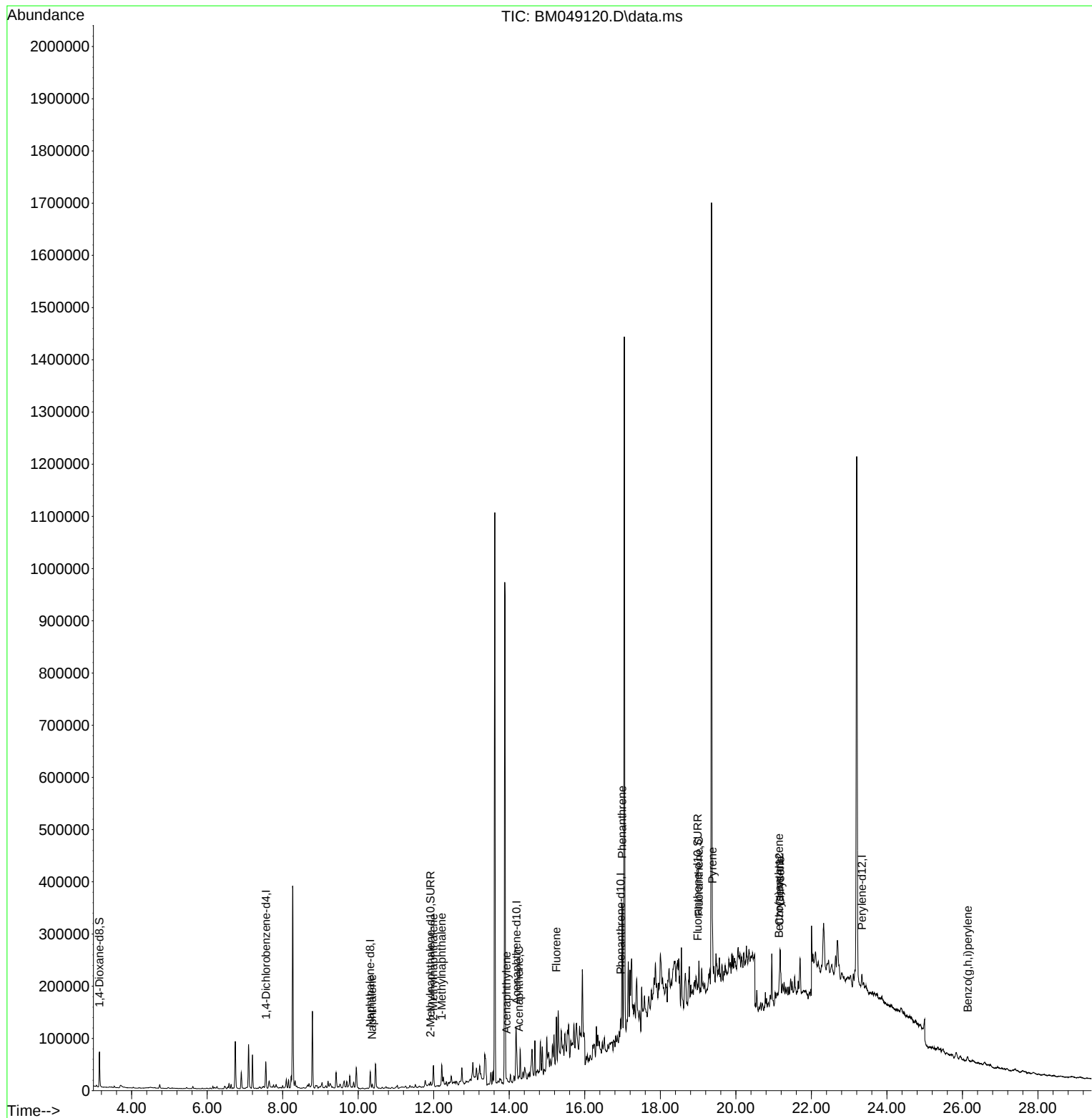
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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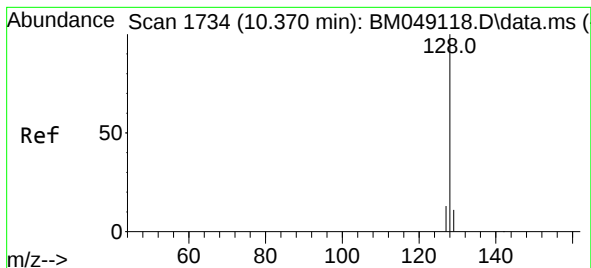
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.131 ng/ul

RT: 10.369 min Scan# 1734

Delta R.T. -0.011 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Instrument :

BNA_M

ClientSampleId :

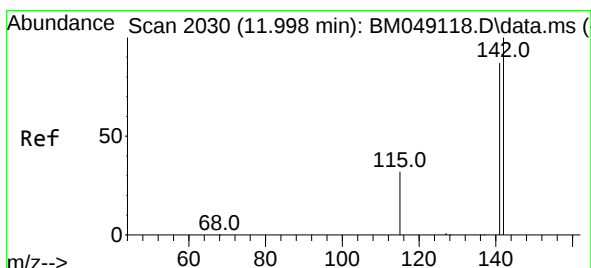
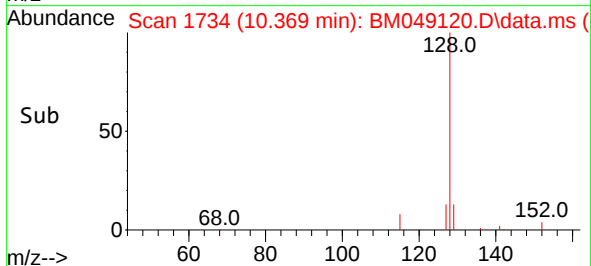
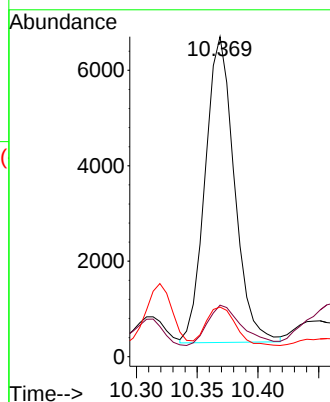
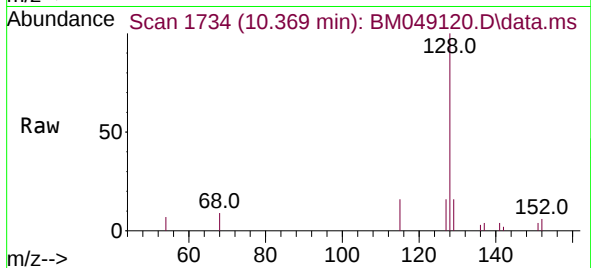
E28Z9RE

Tgt Ion:128	Resp:	1069
Ion Ratio	Lower	Upper
128	100	
129	16.1	9.7 14.5
127	15.5	10.6 16.0

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#7

2-Methylnaphthalene

Concen: 0.530 ng/ul

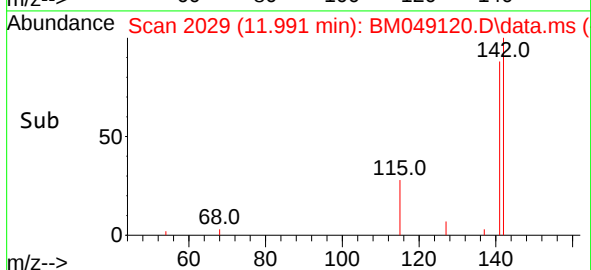
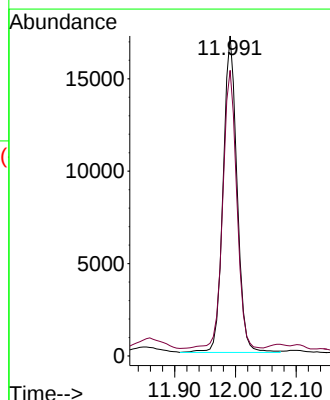
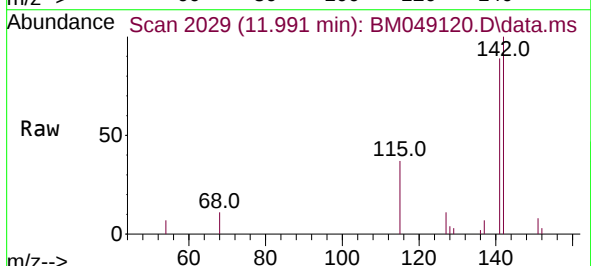
RT: 11.991 min Scan# 2029

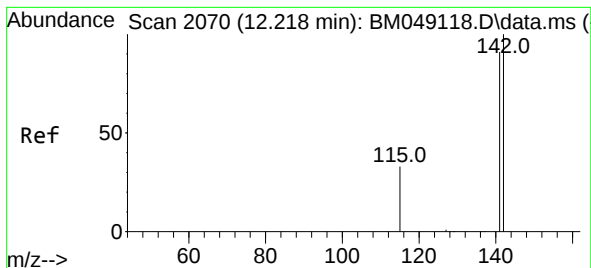
Delta R.T. -0.011 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Tgt Ion:142	Resp:	27302
Ion Ratio	Lower	Upper
142	100	
141	88.5	71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.532 ng/ul

RT: 12.211 min Scan# 2070

Delta R.T. -0.011 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Instrument :

BNA_M

ClientSampleId :

E28Z9RE

Tgt Ion:142 Resp: 2805

Ion Ratio Lower Upper

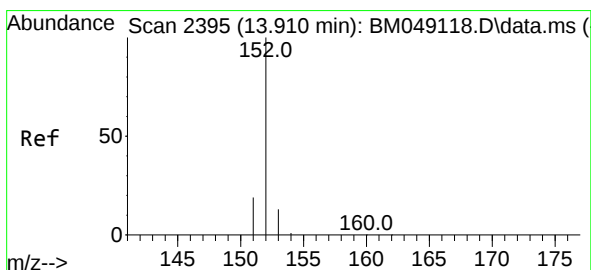
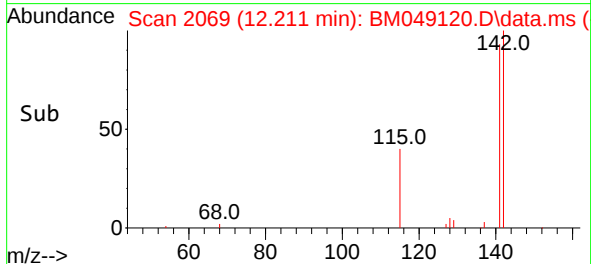
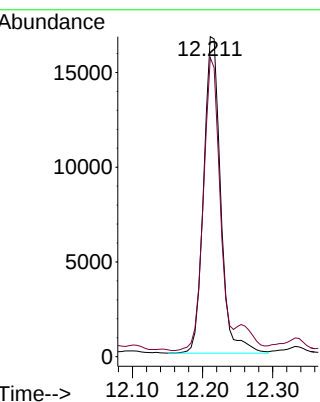
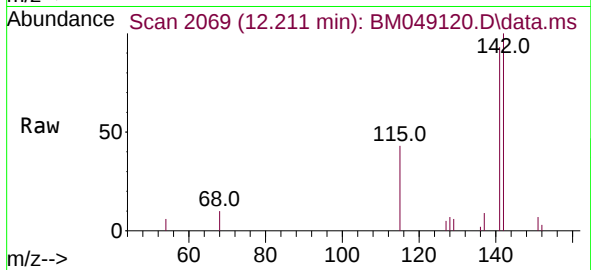
142 100

141 98.1 72.7 109.1

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#10

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.932 min Scan# 2400

Delta R.T. 0.014 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

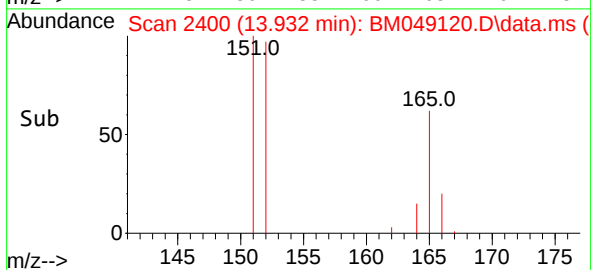
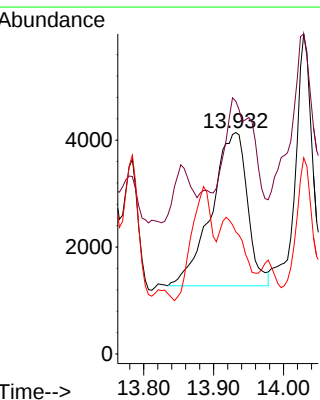
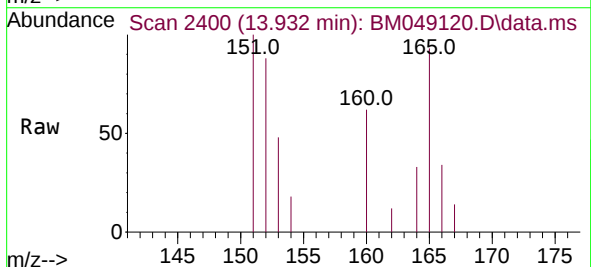
Tgt Ion:152 Resp: 10295

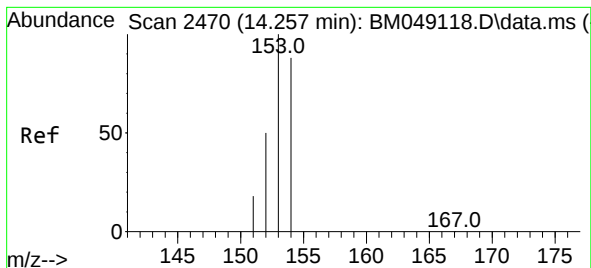
Ion Ratio Lower Upper

152 100

151 114.1 16.0 24.0#

153 55.1 11.0 16.6#





#11

Acenaphthene

Concen: 0.063 ng/uI

RT: 14.256 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Instrument :

BNA_M

ClientSampleId :

E28Z9RE

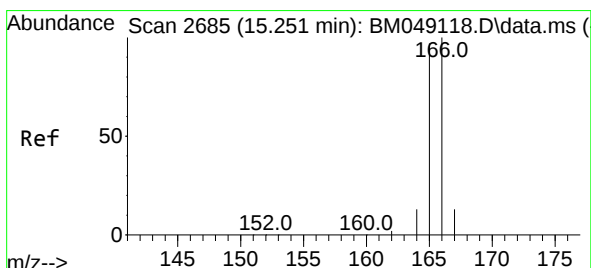
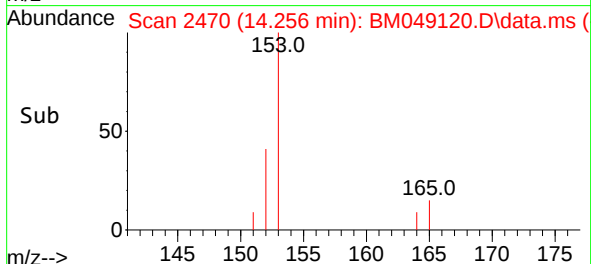
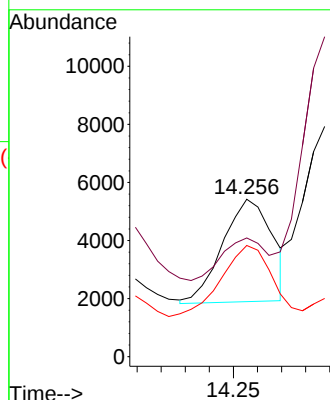
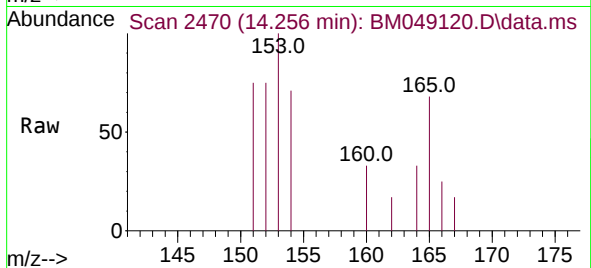
Tgt Ion:153 Resp: 506

Ion	Ratio	Lower	Upper
153	100		
152	75.4	40.7	61.1
154	70.7	70.8	106.2

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#12

Fluorene

Concen: 0.387 ng/uI

RT: 15.250 min Scan# 2685

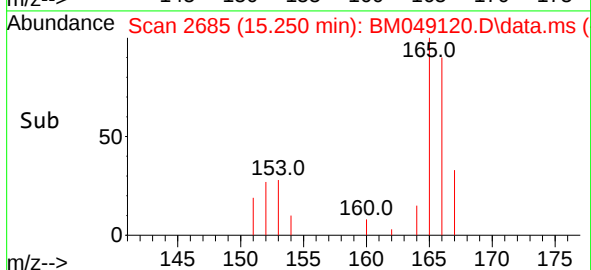
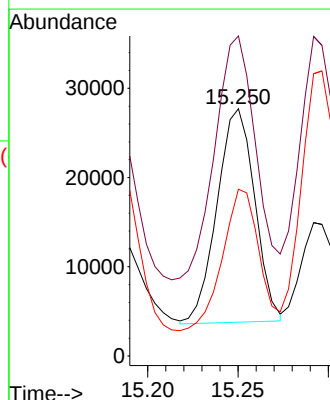
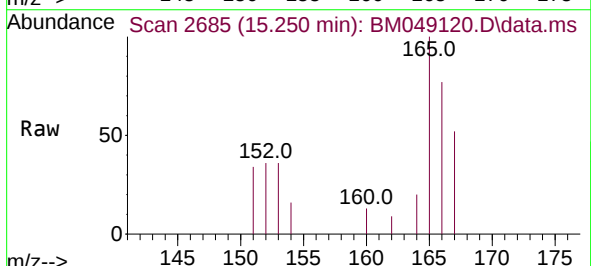
Delta R.T. -0.005 min

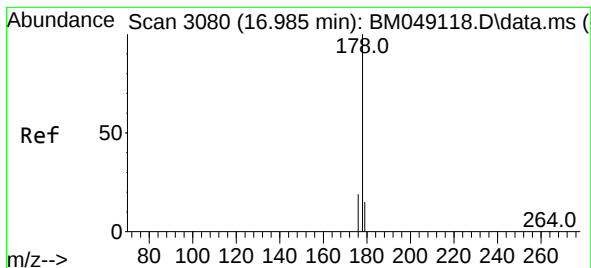
Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Tgt Ion:166 Resp: 34811

Ion	Ratio	Lower	Upper
166	100		
165	129.5	79.7	119.5
167	67.5	11.4	17.0





#15

Phenanthrene

Concen: 2.152 ng/ul m

RT: 16.988 min Scan# 3080

Delta R.T. -0.004 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Instrument :

BNA_M

ClientSampleId :

E28Z9RE

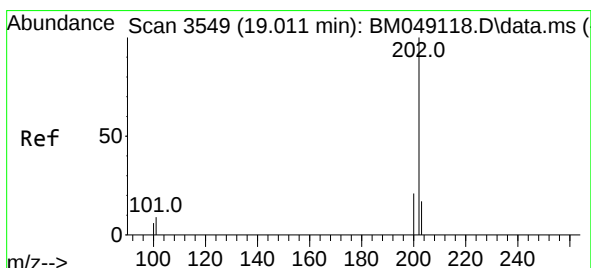
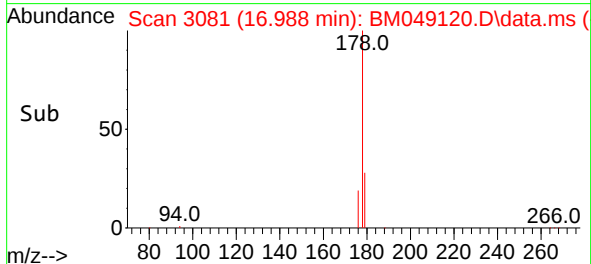
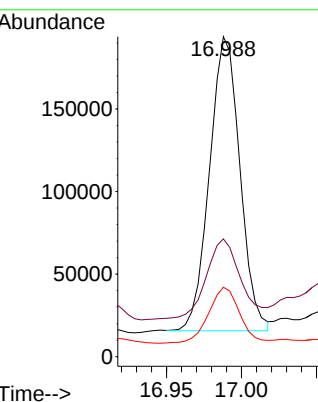
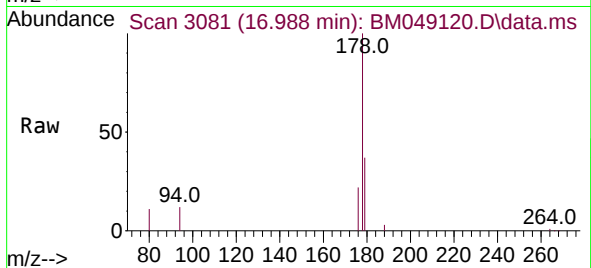
Tgt Ion:178 Resp: 251250

Ion	Ratio	Lower	Upper
178	100		
179	36.8	13.0	19.4
176	21.7	16.2	24.2

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#19

Fluoranthene

Concen: 0.552 ng/ul m

RT: 19.024 min Scan# 3552

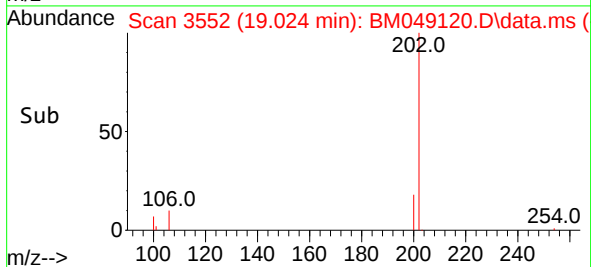
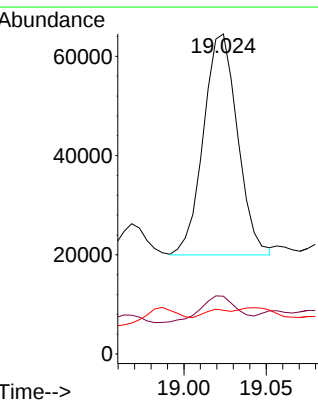
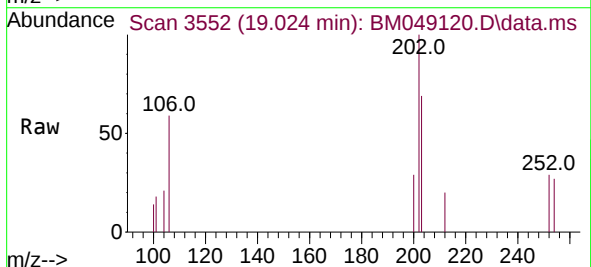
Delta R.T. 0.009 min

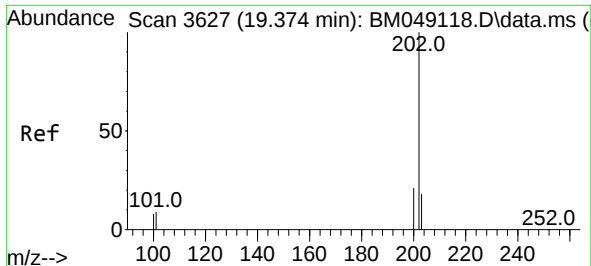
Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Tgt Ion:202 Resp: 64255

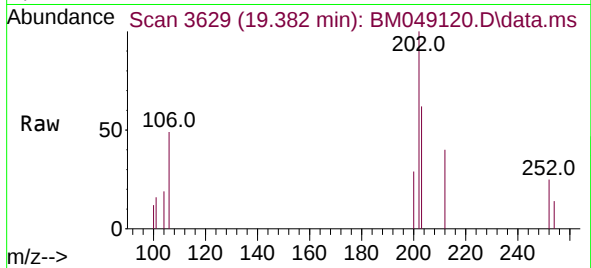
Ion	Ratio	Lower	Upper
202	100		
101	18.1	7.6	11.4
100	13.6	5.5	8.3





#20
Pyrene
Concen: 0.918 ng/ul m
RT: 19.382 min Scan# 3629
Delta R.T. 0.005 min
Lab File: BM049120.D
Acq: 21 Dec 2024 03:38

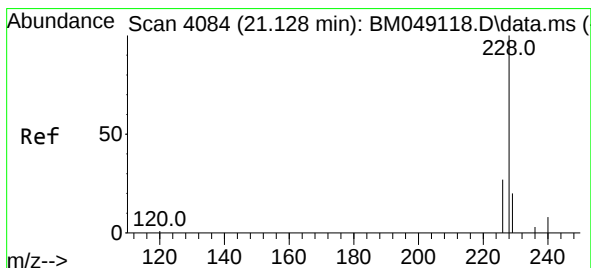
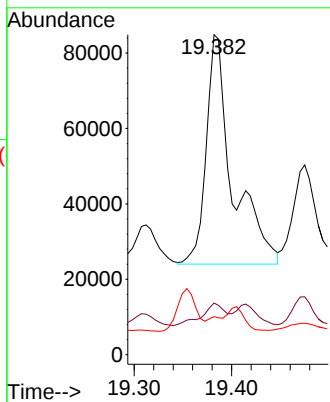
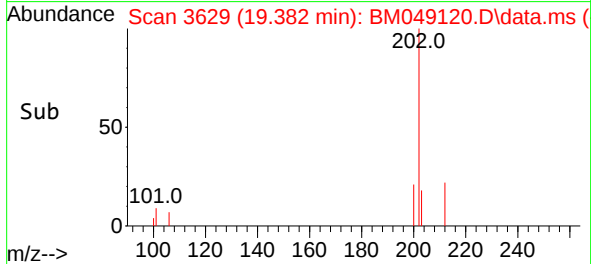
Instrument :
BNA_M
ClientSampleId :
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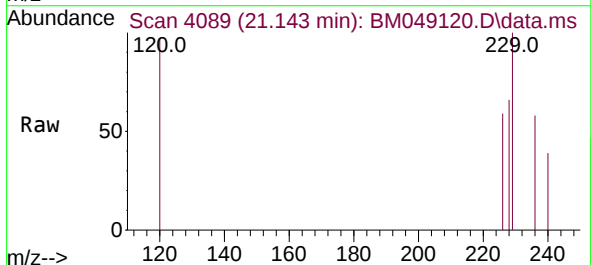
Tgt Ion:202 Resp: 11402
Ion Ratio Lower Upper
202 100
101 16.1 8.9 13.3#
100 11.9 6.9 10.3#

Manual Integrations
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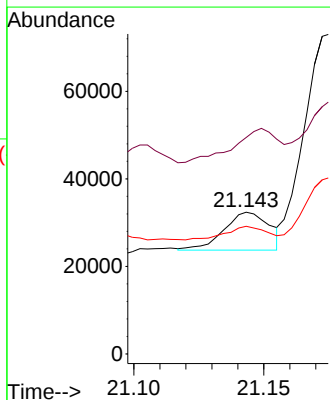
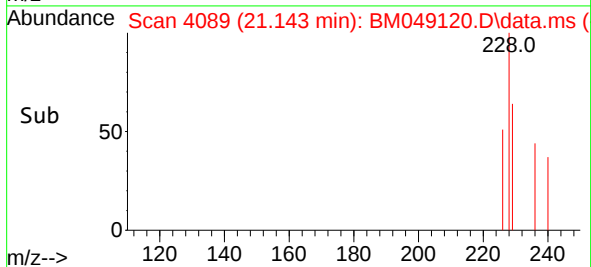
Reviewed By :Jagrut Upadhyay 12/23/2024
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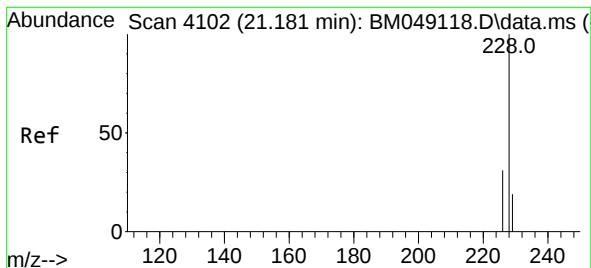


#21
Benzo(a)anthracene
Concen: 0.094 ng/ul m
RT: 21.143 min Scan# 4089
Delta R.T. 0.012 min
Lab File: BM049120.D
Acq: 21 Dec 2024 03:38



Tgt Ion:228 Resp: 10492
Ion Ratio Lower Upper
228 100
229 152.6 15.9 23.9#
226 90.0 22.6 34.0#





#22

Chrysene

Concen: 0.702 ng/ul m

RT: 21.175 min Scan# 4102

Delta R.T. -0.009 min

Lab File: BM049120.D

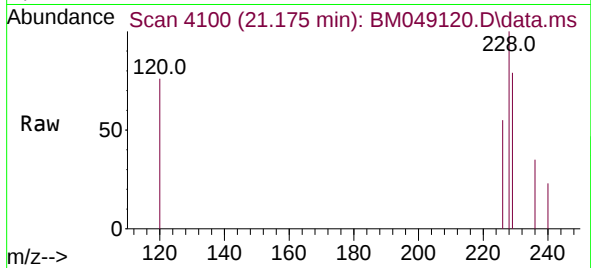
Acq: 21 Dec 2024 03:38

Instrument :

BNA_M

ClientSampleId :

E28Z9RE



Tgt Ion:228 Resp: 8438

Ion Ratio Lower Upper

228 100

226 55.1 24.1 36.1

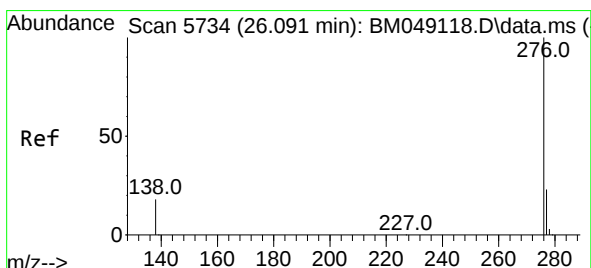
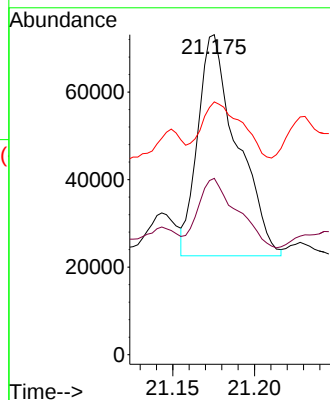
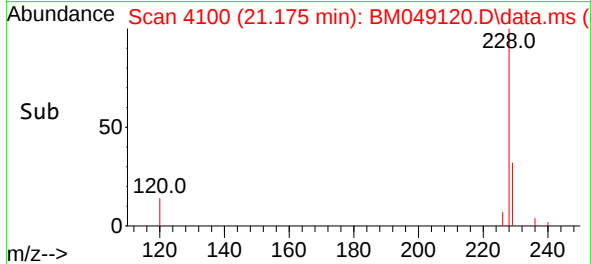
229 79.0 15.8 23.8

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#29

Benzo(g,h,i)perylene

Concen: 0.135 ng/ul m

RT: 26.141 min Scan# 5749

Delta R.T. 0.047 min

Lab File: BM049120.D

Acq: 21 Dec 2024 03:38

Tgt Ion:276 Resp: 17924

Ion Ratio Lower Upper

276 100

138 136.2 16.7 25.1

277 65.3 19.9 29.9

