

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049134.D
 Acq On : 21 Dec 2024 12:01
 Operator : RC/JU
 Sample : P5265-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2827

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:07:44 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	9259	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	28418	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	17037	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	36858m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	31420m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	35693m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	31934	2.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	6784	0.178	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	15340m	0.172	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.363	128	3124	0.044	ng/ul#	87
7) 2-Methylnaphthalene	11.991	142	7277	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.211	142	6124	0.133	ng/ul	94
12) Fluorene	15.246	166	6661	0.115	ng/ul#	66
15) Phenanthrene	16.984	178	49633m	0.516	ng/ul	
19) Fluoranthene	19.010	202	12472m	0.110	ng/ul	
20) Pyrene	19.373	202	13296m	0.110	ng/ul	
21) Benzo(a)anthracene	21.129	228	2831m	0.026	ng/ul	
22) Chrysene	21.161	228	11298m	0.096	ng/ul	

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

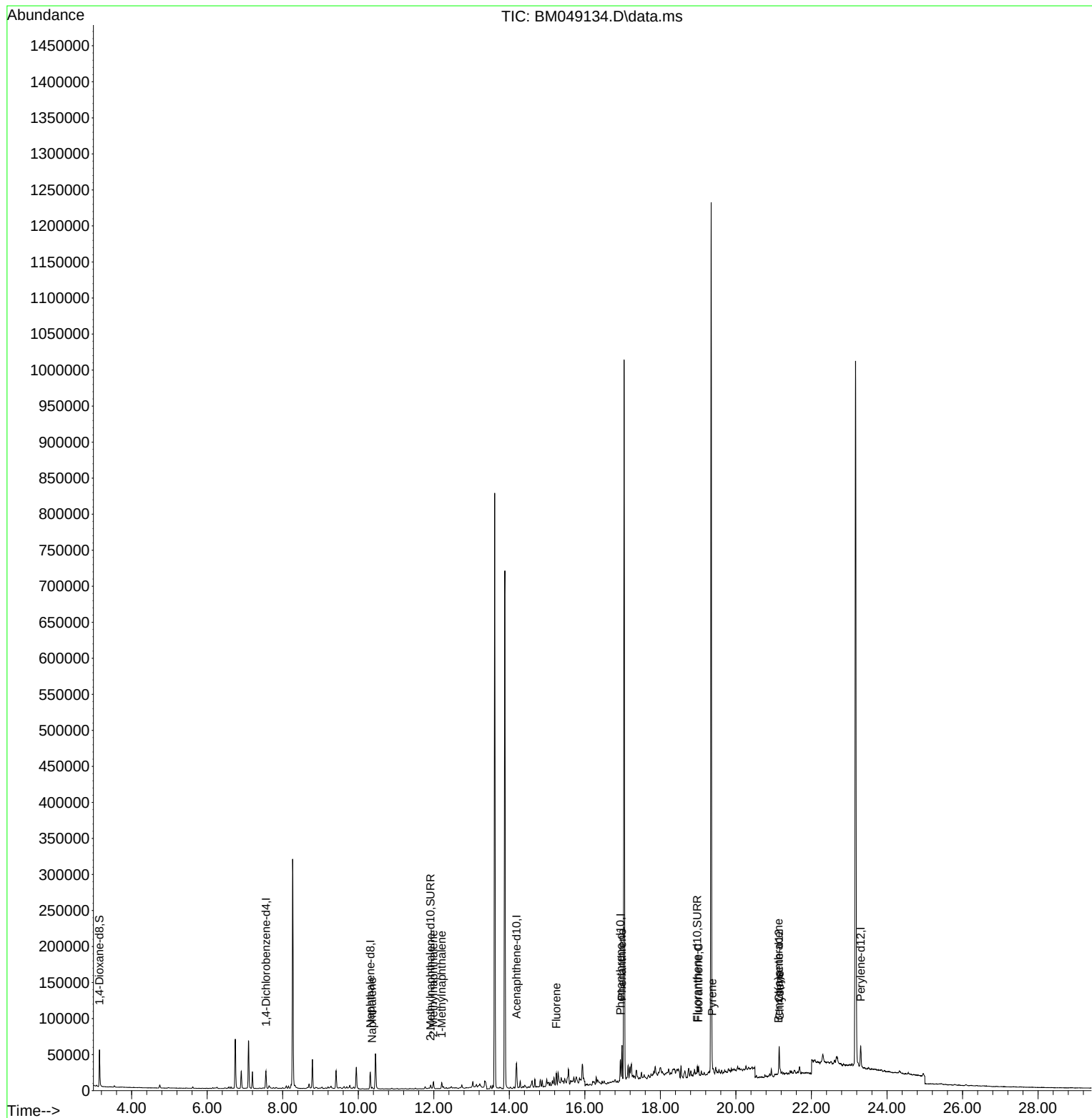
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049134.D
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ALS Vial : 35 Sample Multiplier: 1

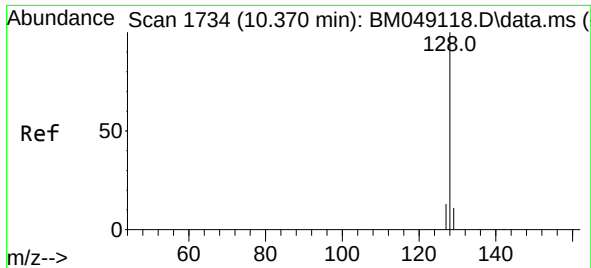
Instrument :
BNA_M
ClientSampleId :
E28Z7

Quant Time: Dec 22 23:07:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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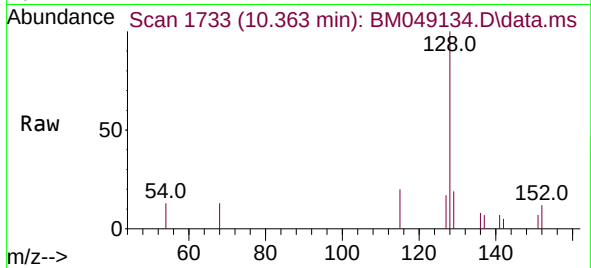
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Supervised By :mohammad ahmed 12/24/2024





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. -0.017 min
Lab File: BM049134.D
Acq: 21 Dec 2024 12:01

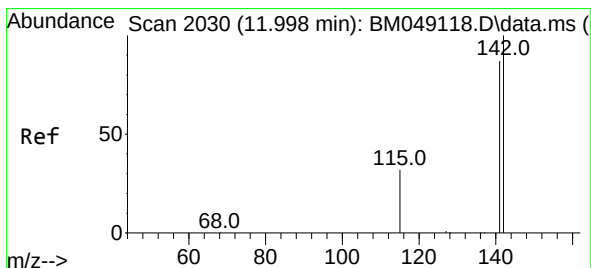
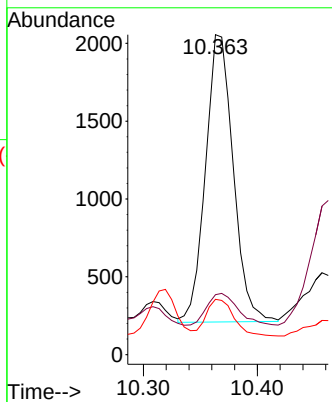
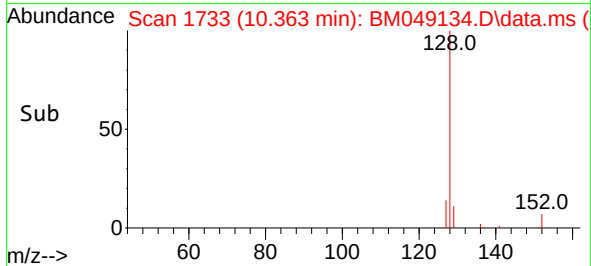
Instrument :
BNA_M
ClientSampleId :
E28Z7



Tgt Ion:128 Resp: 3124
Ion Ratio Lower Upper
128 100
129 18.7 9.7 14.5
127 17.3 10.6 16.0

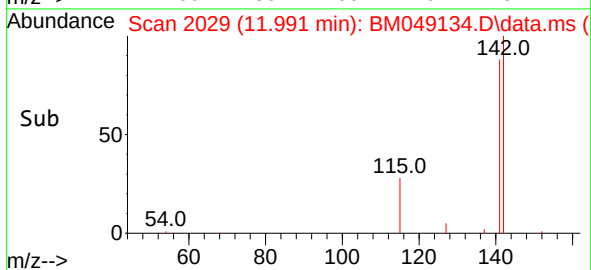
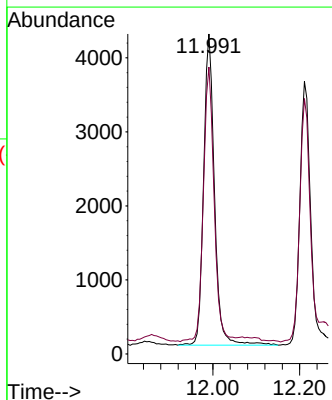
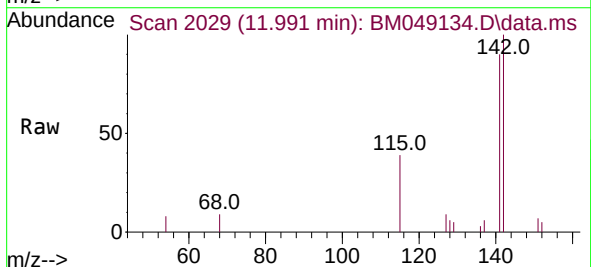
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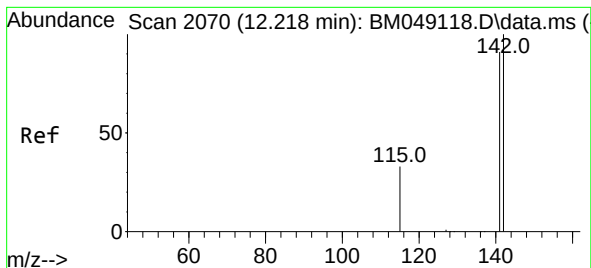
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049134.D
Acq: 21 Dec 2024 12:01

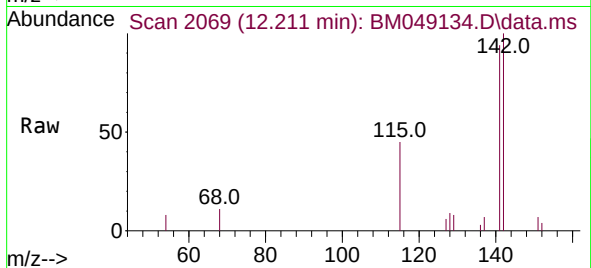
Tgt Ion:142 Resp: 7277
Ion Ratio Lower Upper
142 100
141 91.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049134.D
Acq: 21 Dec 2024 12:01

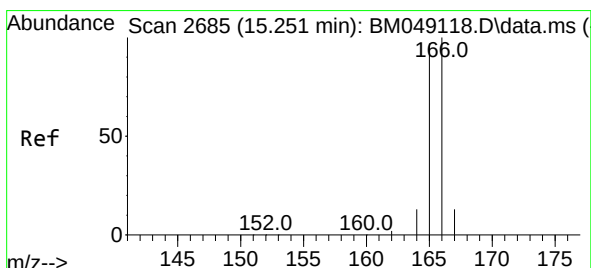
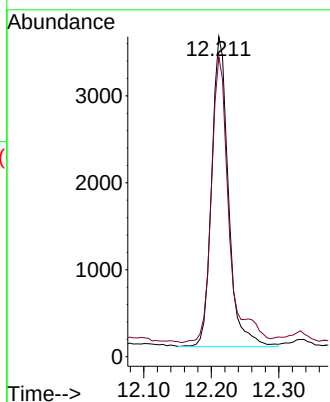
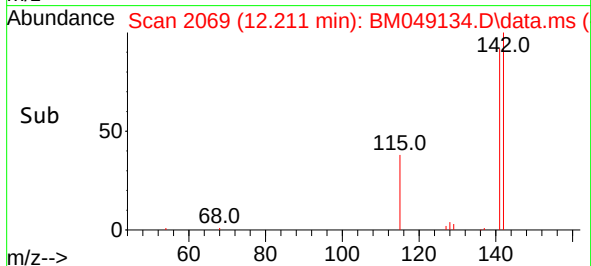
Instrument :
BNA_M
ClientSampleId :
E2827



Tgt Ion:142 Resp: 6124
Ion Ratio Lower Upper
142 100
141 96.6 72.7 109.1

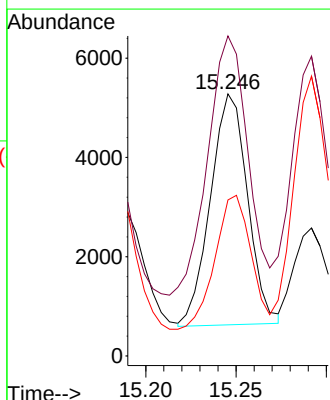
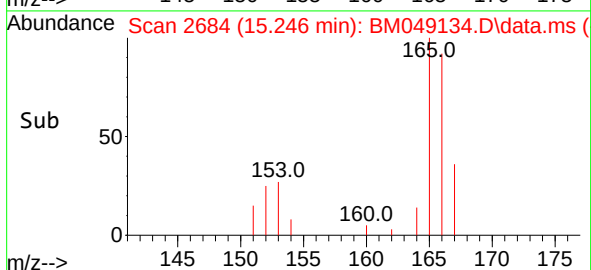
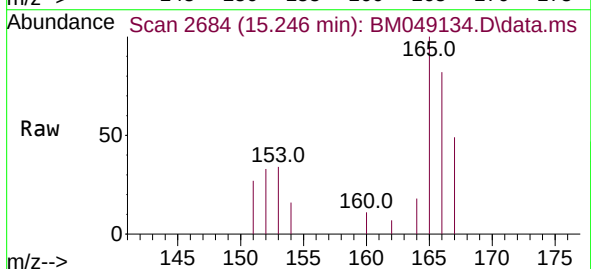
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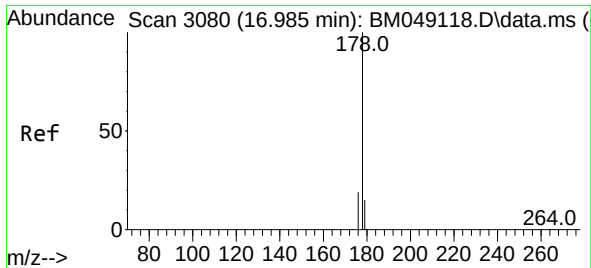
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.115 ng/ul
RT: 15.246 min Scan# 2684
Delta R.T. -0.009 min
Lab File: BM049134.D
Acq: 21 Dec 2024 12:01

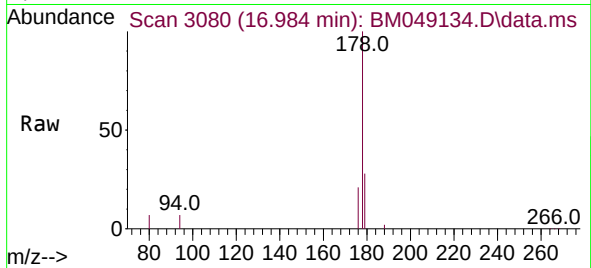
Tgt Ion:166 Resp: 6661
Ion Ratio Lower Upper
166 100
165 122.1 79.7 119.5#
167 59.5 11.4 17.0#





#15
Phenanthrene
Concen: 0.516 ng/ul m
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049134.D
Acq: 21 Dec 2024 12:01

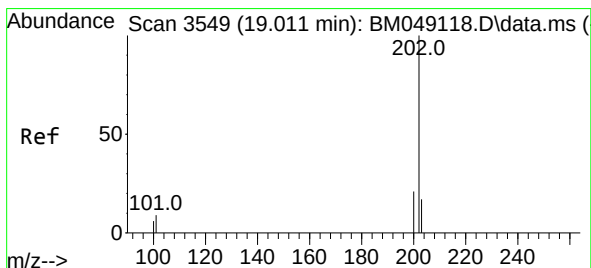
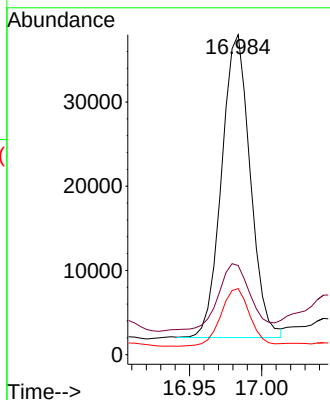
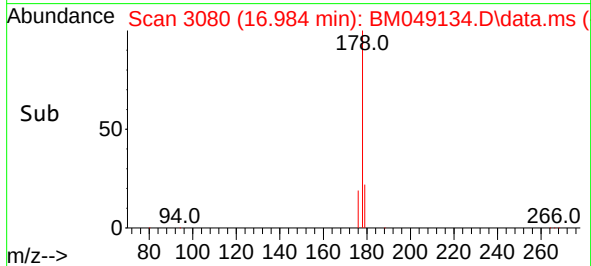
Instrument :
BNA_M
ClientSampleId :
E2827



Tgt Ion:178 Resp: 4963
Ion Ratio Lower Upper
178 100
179 27.9 13.0 19.4#
176 20.7 16.2 24.2

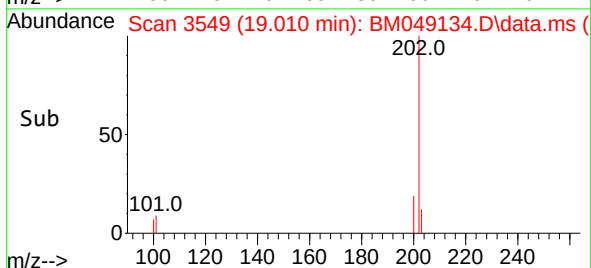
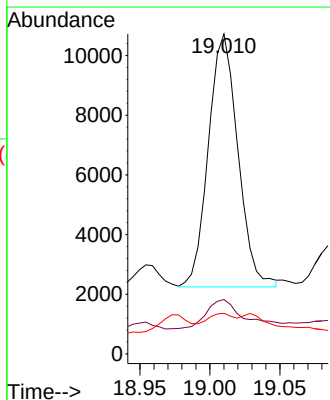
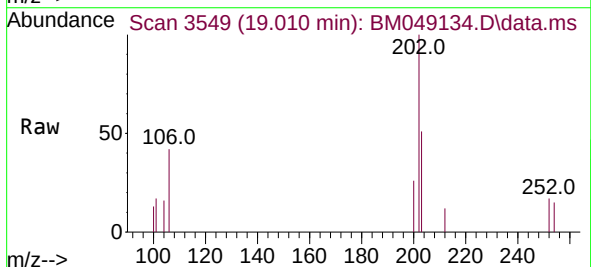
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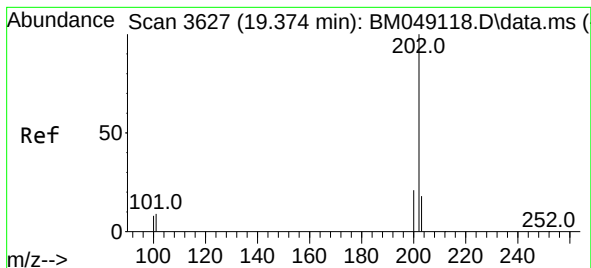
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Fluoranthene
Concen: 0.110 ng/ul m
RT: 19.010 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BM049134.D
Acq: 21 Dec 2024 12:01

Tgt Ion:202 Resp: 12472
Ion Ratio Lower Upper
202 100
101 17.0 7.6 11.4#
100 12.7 5.5 8.3#





#20

Pyrene

Concen: 0.110 ng/ul m

RT: 19.373 min Scan# 3627

Delta R.T. -0.005 min

Lab File: BM049134.D

Acq: 21 Dec 2024 12:01

Instrument :

BNA_M

ClientSampleId :

E2827

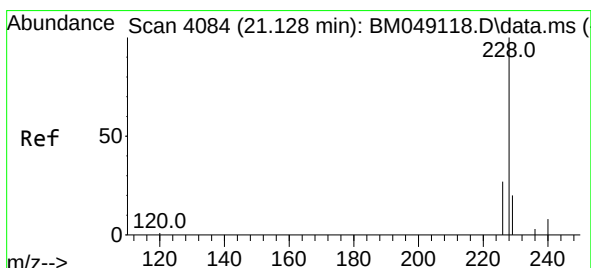
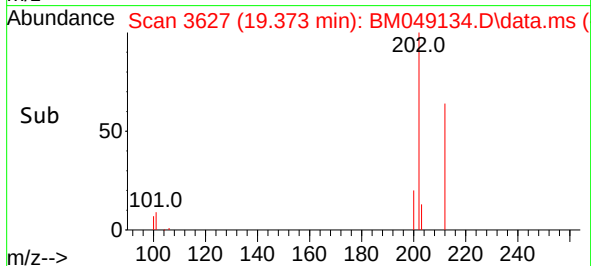
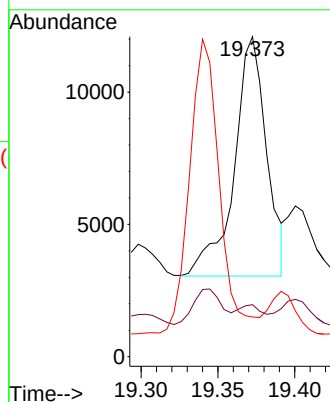
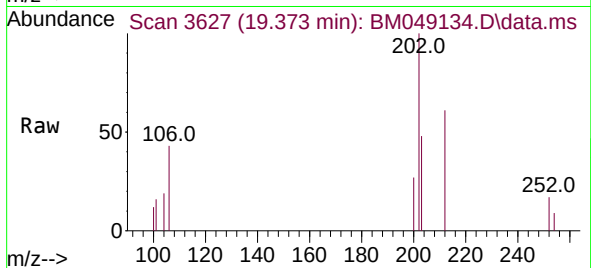
Tgt Ion:202 Resp: 13290

Ion	Ratio	Lower	Upper
202	100		
101	16.2	8.9	13.3
100	12.4	6.9	10.3

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#21

Benzo(a)anthracene

Concen: 0.026 ng/ul m

RT: 21.129 min Scan# 4084

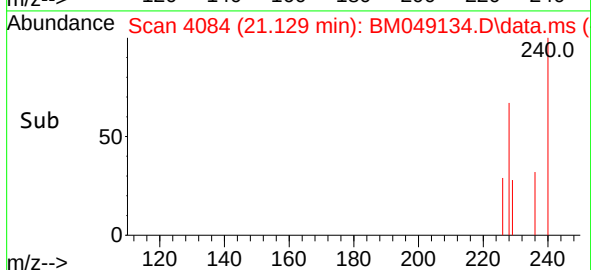
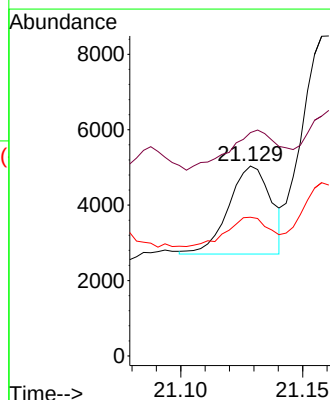
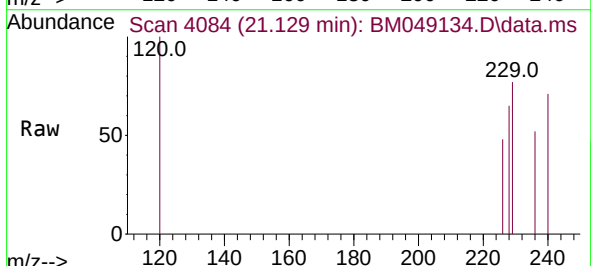
Delta R.T. -0.003 min

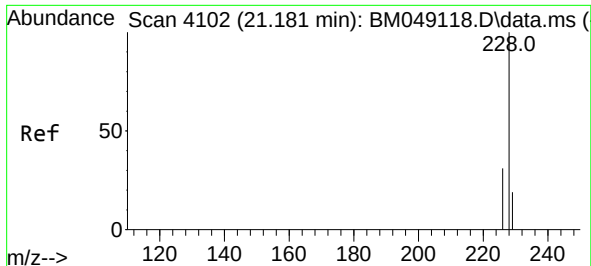
Lab File: BM049134.D

Acq: 21 Dec 2024 12:01

Tgt Ion:228 Resp: 2831

Ion	Ratio	Lower	Upper
228	100		
229	117.6	15.9	23.9
226	73.0	22.6	34.0





#22

Chrysene

Concen: 0.096 ng/ul m

RT: 21.161 min Scan# 4095

Delta R.T. -0.023 min

Lab File: BM049134.D

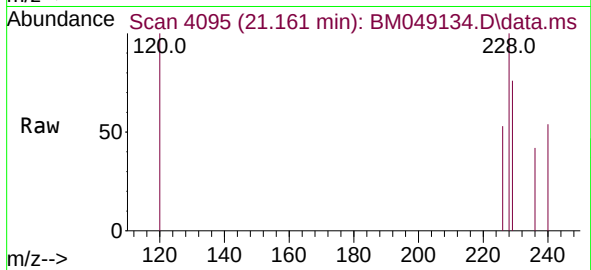
Acq: 21 Dec 2024 12:01

Instrument :

BNA_M

ClientSampleId :

E28Z7



Tgt Ion:228 Resp: 11298

Ion Ratio Lower Upper

228 100

226 53.4 24.1 36.1

229 76.7 15.8 23.8

Manual Integrations

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