

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049101.D
 Acq On : 20 Dec 2024 15:03
 Operator : RC/JU
 Sample : P5265-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z9

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:17:09 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	7.560	152	8189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	25525	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.195	164	19961	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	32439m	0.400	ng/ul	0.00
17) Chrysene-d12	21.158	240	26055m	0.400	ng/ul	0.01
23) Perylene-d12	23.332	264	28482m	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	31246	3.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	7143	0.208	ng/ul	0.00
18) Fluoranthene-d10	18.987	212	19425m	0.263	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	8546	0.134	ng/ul#	91
7) 2-Methylnaphthalene	11.991	142	21018	0.519	ng/ul	99
8) 1-Methylnaphthalene	12.216	142	21713	0.524	ng/ul	92
10) Acenaphthylene	13.927	152	8557	0.103	ng/ul#	1
11) Acenaphthene	14.256	153	4275	0.071	ng/ul#	74
12) Fluorene	15.250	166	25579	0.375	ng/ul#	58
15) Phenanthrene	16.988	178	181996m	2.148	ng/ul	
19) Fluoranthene	19.019	202	45997m	0.488	ng/ul	
20) Pyrene	19.382	202	85112m	0.847	ng/ul	
21) Benzo(a)anthracene	21.143	228	7994m	0.088	ng/ul	
22) Chrysene	21.172	228	67465m	0.694	ng/ul	
29) Benzo(g,h,i)perylene	26.131	276	12235m	0.123	ng/ul	

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

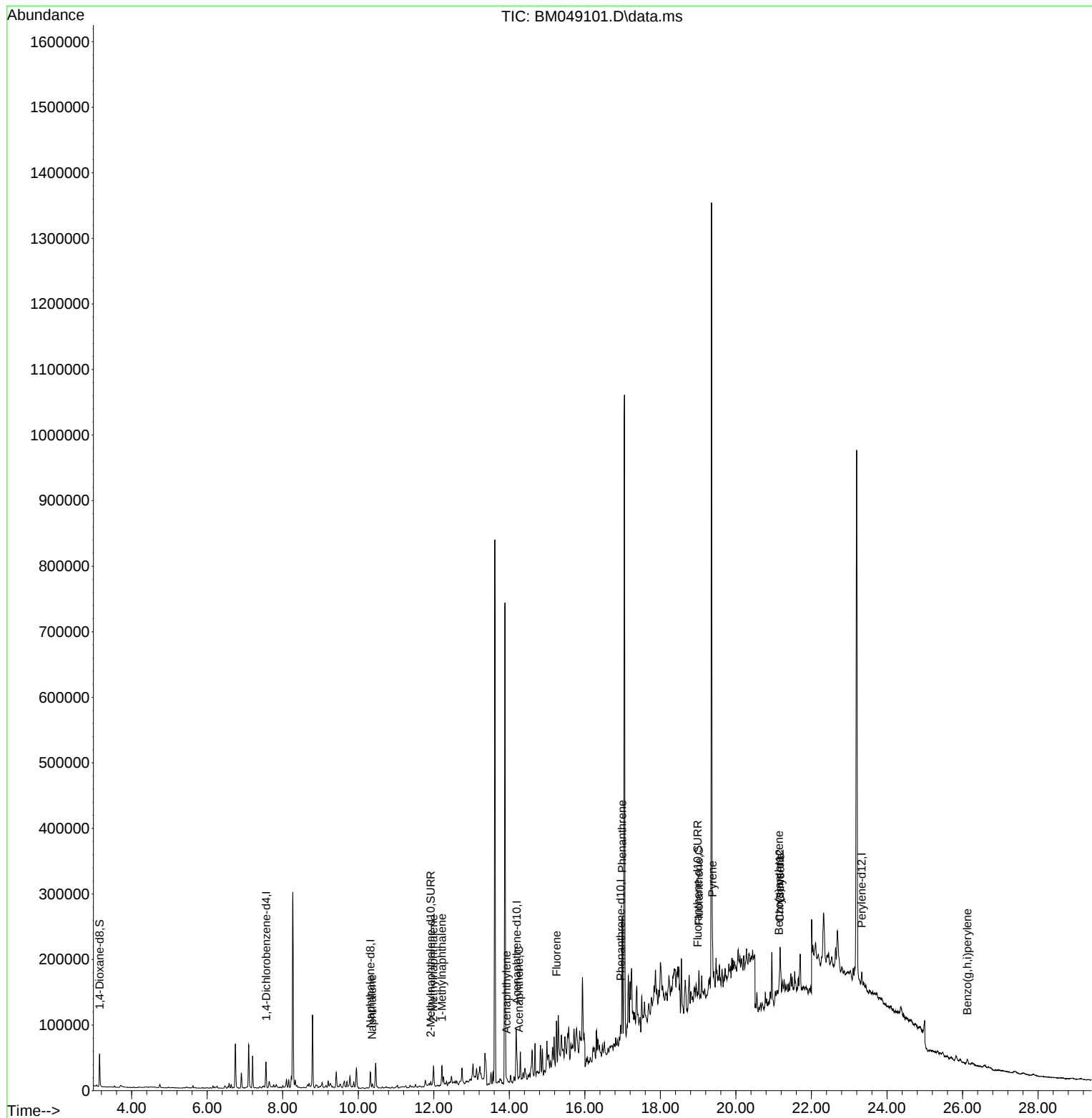
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049101.D
Acq On : 20 Dec 2024 15:03
Operator : RC/JU
Sample : P5265-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

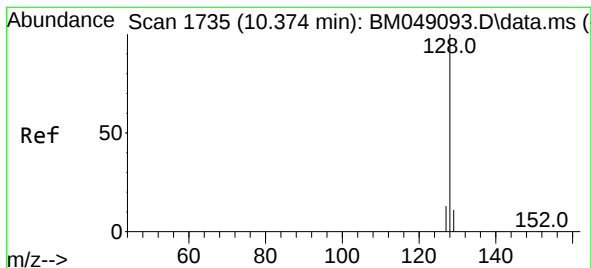
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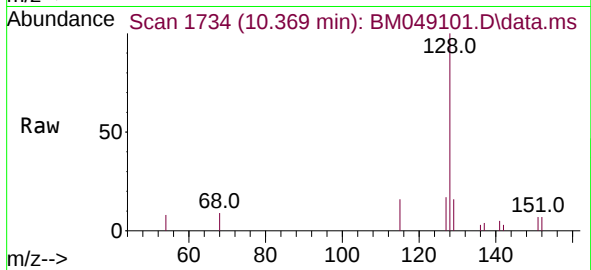
Quant Time: Dec 21 04:17:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

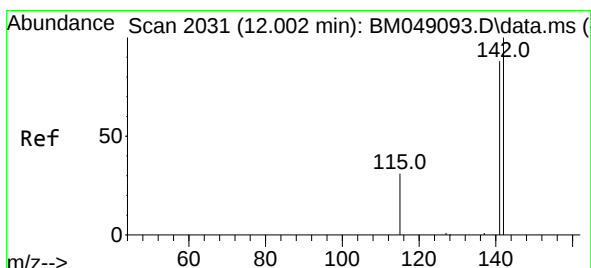
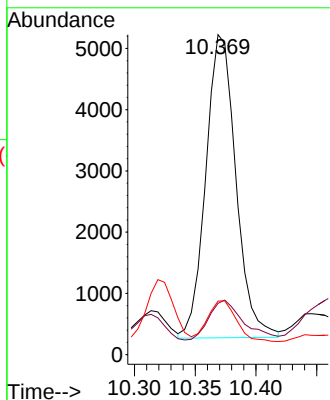
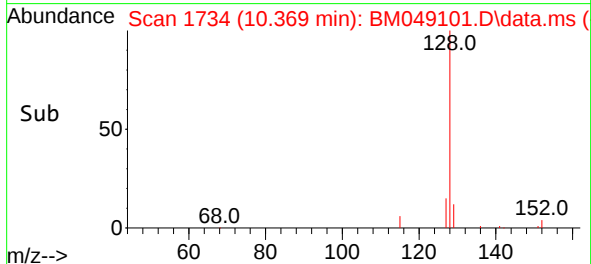
Instrument :
BNA_M
ClientSampleId :
E28Z9



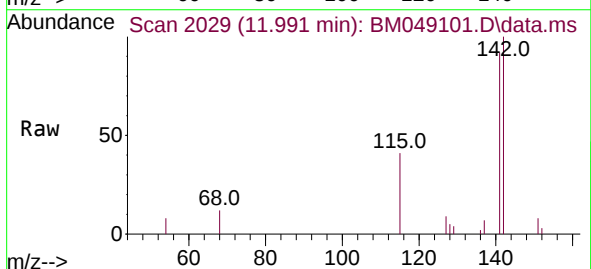
Tgt Ion:128 Resp: 8540
Ion Ratio Lower Upper
128 100
129 16.0 9.7 14.5
127 16.7 10.6 16.0

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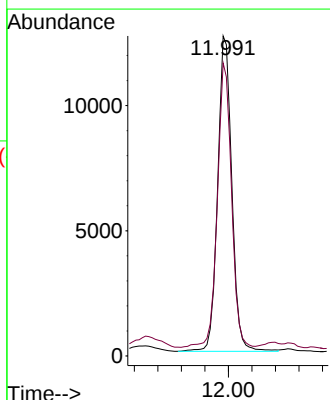
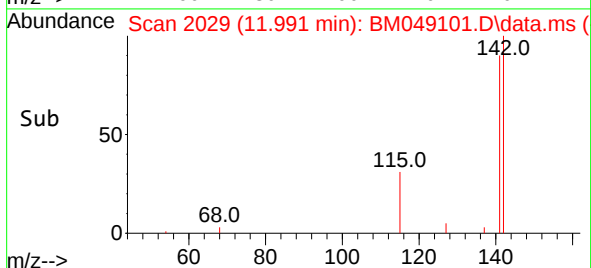
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

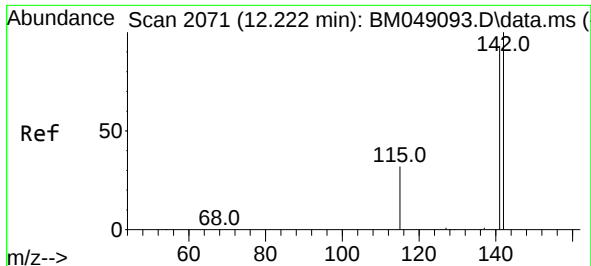


#7
2-Methylnaphthalene
Concen: 0.519 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03



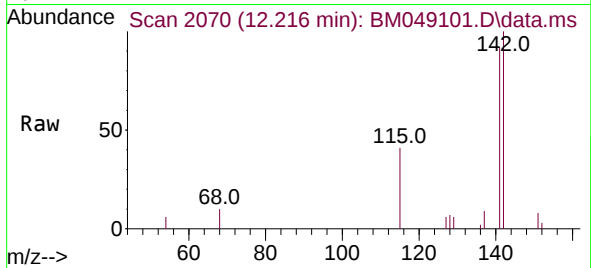
Tgt Ion:142 Resp: 21018
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.524 ng/ul
RT: 12.216 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

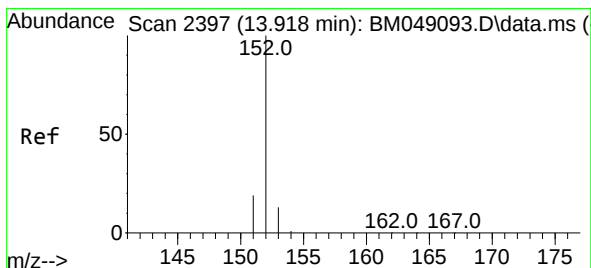
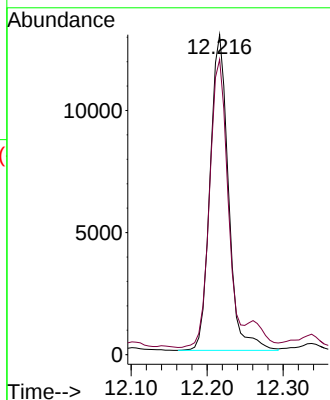
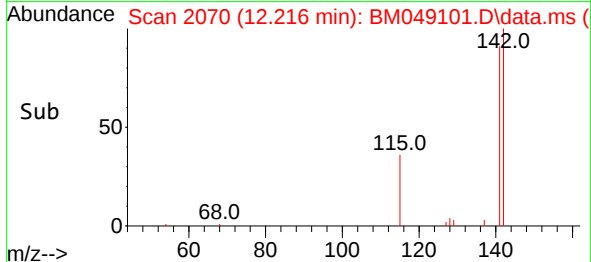
Instrument :
BNA_M
ClientSampleId :
E28Z9



Tgt Ion:142 Resp: 2171
Ion Ratio Lower Upper
142 100
141 98.7 72.7 109.1

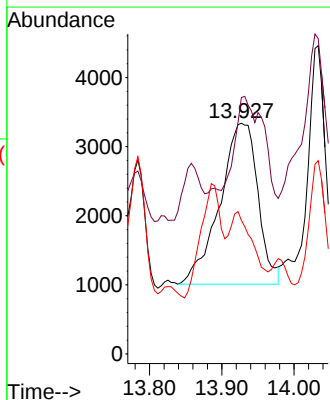
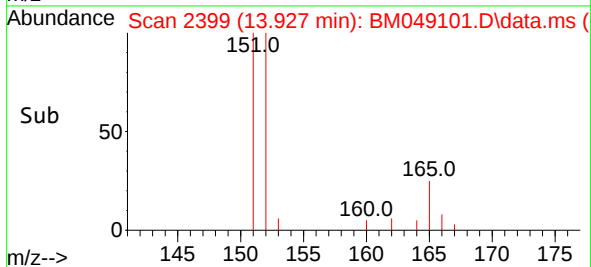
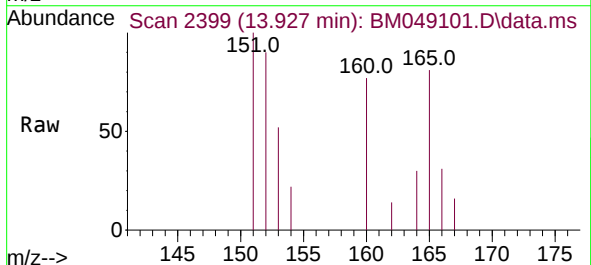
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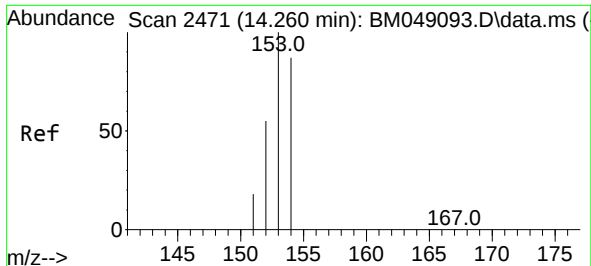
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 13.927 min Scan# 2399
Delta R.T. 0.009 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

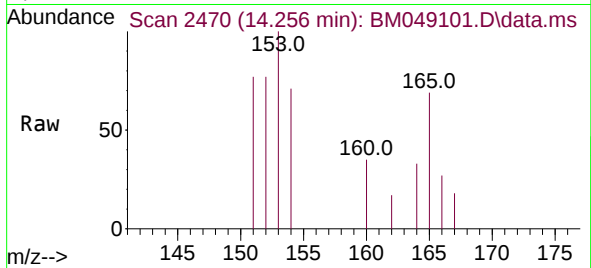
Tgt Ion:152 Resp: 8557
Ion Ratio Lower Upper
152 100
151 111.1 16.0 24.0#
153 57.9 11.0 16.6#





#11
Acenaphthene
Concen: 0.071 ng/uI
RT: 14.256 min Scan# 2471
Delta R.T. -0.009 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

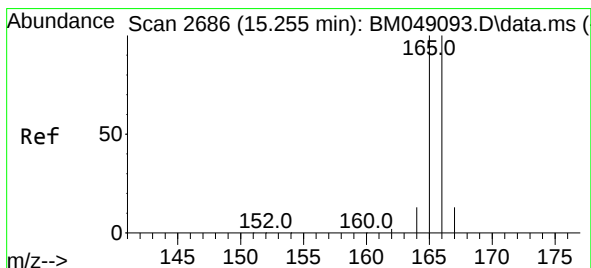
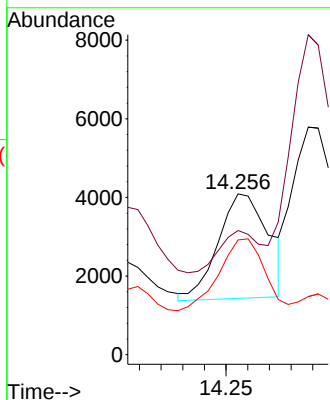
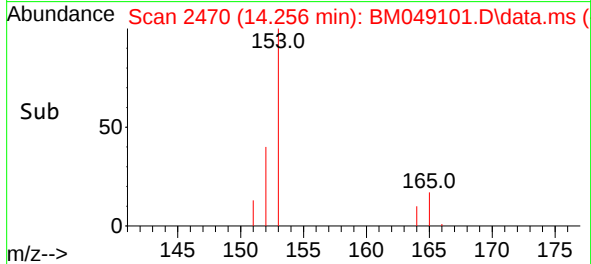
Instrument :
BNA_M
ClientSampleId :
E28Z9



Tgt Ion:153 Resp: 4279
Ion Ratio Lower Upper
153 100
152 77.2 40.7 61.1#
154 71.3 70.8 106.2

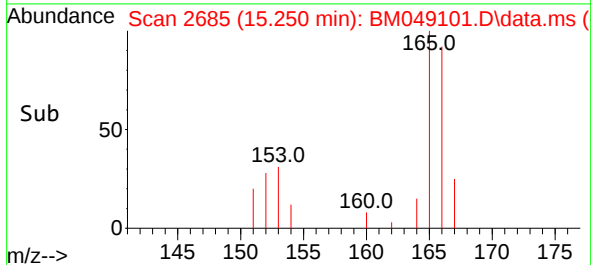
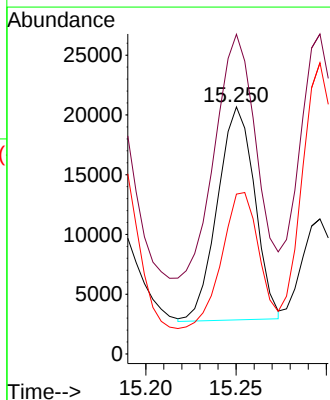
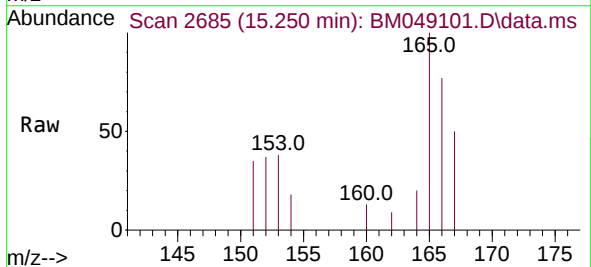
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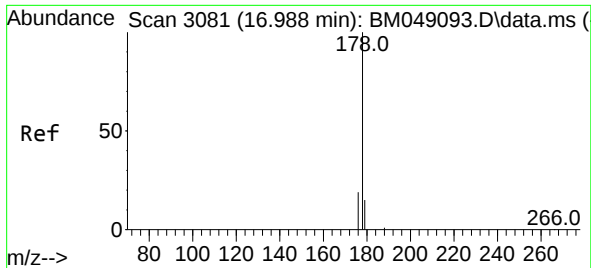
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.375 ng/uI
RT: 15.250 min Scan# 2685
Delta R.T. -0.005 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

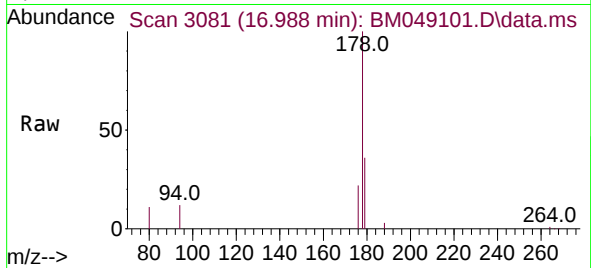
Tgt Ion:166 Resp: 25579
Ion Ratio Lower Upper
166 100
165 129.4 79.7 119.5#
167 64.7 11.4 17.0#





#15
Phenanthrene
Concen: 2.148 ng/ul m
RT: 16.988 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

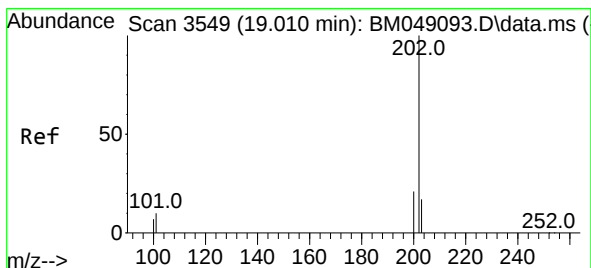
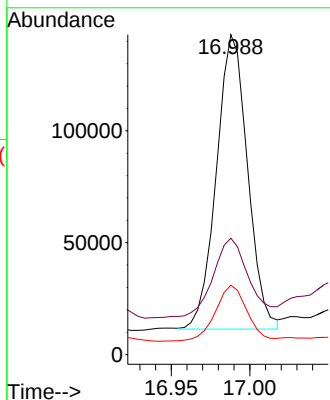
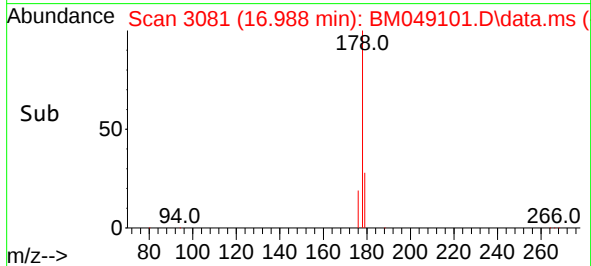
Instrument :
BNA_M
ClientSampleId :
E28Z9



Tgt Ion:178 Resp: 181990
Ion Ratio Lower Upper
178 100
179 36.4 13.0 19.4#
176 21.7 16.2 24.2

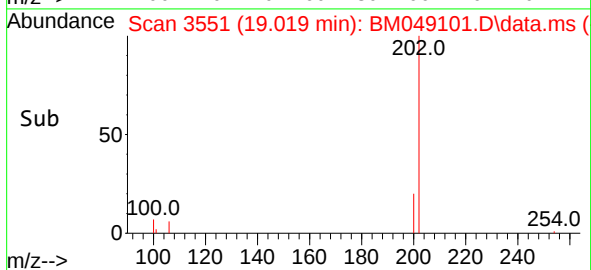
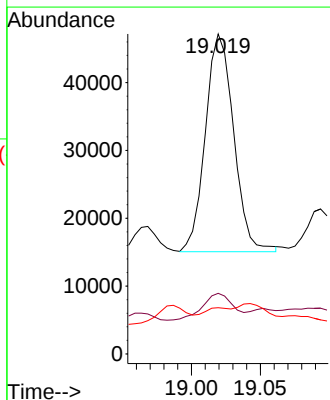
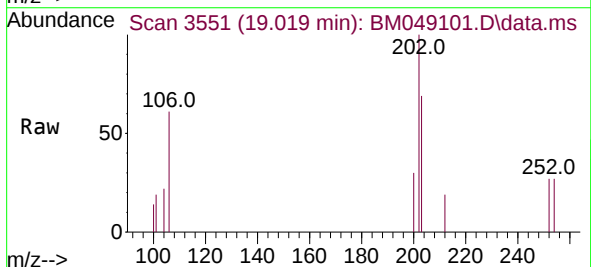
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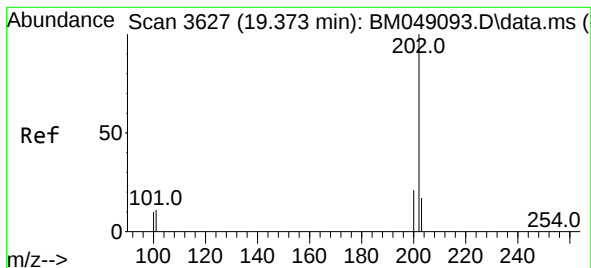
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Fluoranthene
Concen: 0.488 ng/ul m
RT: 19.019 min Scan# 3551
Delta R.T. 0.005 min
Lab File: BM049101.D
Acq: 20 Dec 2024 15:03

Tgt Ion:202 Resp: 45997
Ion Ratio Lower Upper
202 100
101 19.0 7.6 11.4#
100 14.5 5.5 8.3#





#20

Pyrene

Concen: 0.847 ng/ul m

RT: 19.382 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM049101.D

Acq: 20 Dec 2024 15:03

Instrument :

BNA_M

ClientSampleId :

E28Z9

Tgt Ion:202 Resp: 8511

Ion Ratio Lower Upper

202 100

101 16.8 8.9 13.3

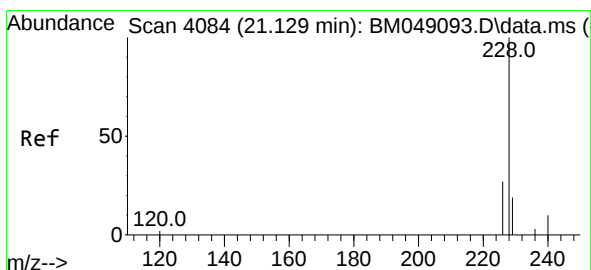
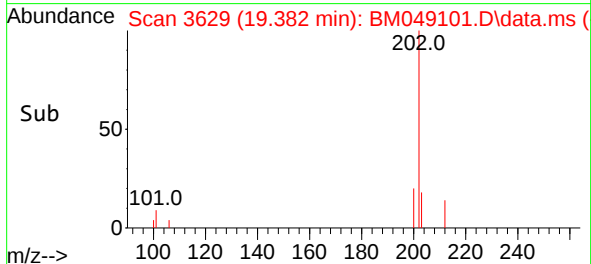
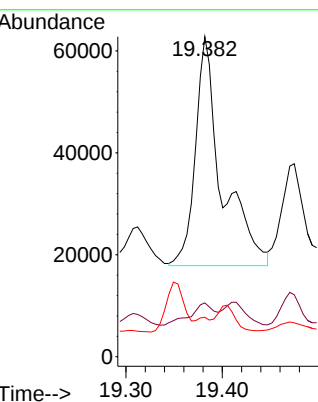
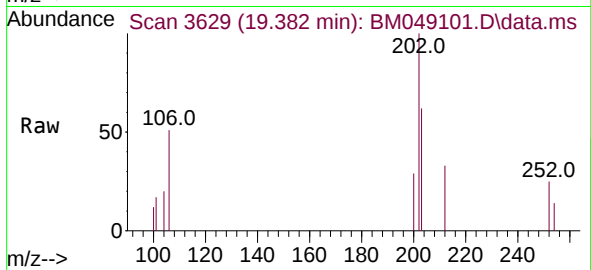
100 12.3 6.9 10.3

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Supervised By :mohammad ahmed 12/24/2024



#21

Benzo(a)anthracene

Concen: 0.088 ng/ul m

RT: 21.143 min Scan# 4089

Delta R.T. 0.012 min

Lab File: BM049101.D

Acq: 20 Dec 2024 15:03

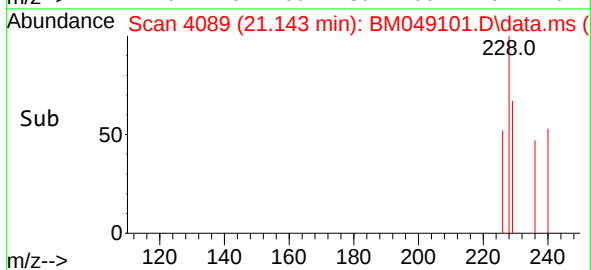
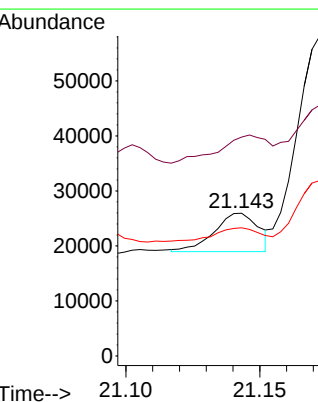
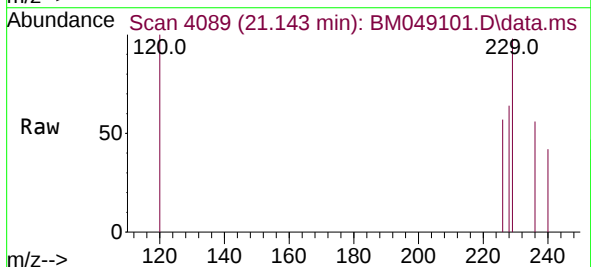
Tgt Ion:228 Resp: 7994

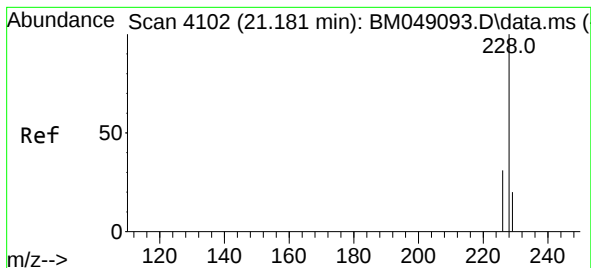
Ion Ratio Lower Upper

228 100

229 153.4 15.9 23.9#

226 89.9 22.6 34.0#





#22

Chrysene

Concen: 0.694 ng/ul m

RT: 21.172 min Scan# 4099

Delta R.T. -0.012 min

Lab File: BM049101.D

Acq: 20 Dec 2024 15:03

Instrument :

BNA_M

ClientSampleId :

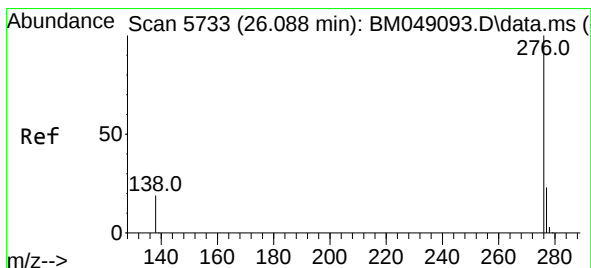
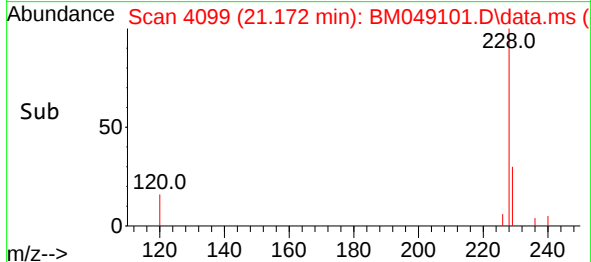
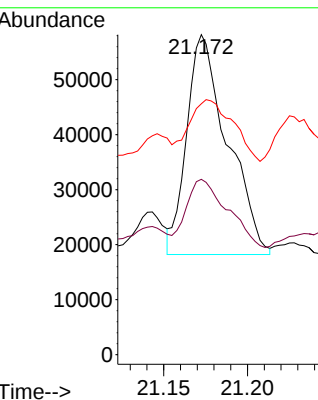
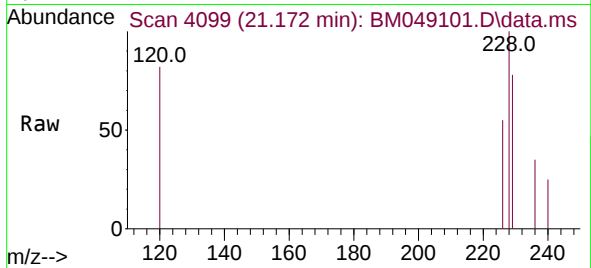
E28Z9

Tgt Ion:228	Resp:	6746
Ion Ratio	Lower	Upper
228	100	
226	54.8	24.1 36.1
229	78.4	15.8 23.8

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Supervised By :mohammad ahmed 12/24/2024



#29

Benzo(g,h,i)perylene

Concen: 0.123 ng/ul m

RT: 26.131 min Scan# 5746

Delta R.T. 0.037 min

Lab File: BM049101.D

Acq: 20 Dec 2024 15:03

Tgt Ion:276	Resp:	12235
Ion Ratio	Lower	Upper
276	100	
138	149.2	16.7 25.1
277	65.7	19.9 29.9

