

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048953.D
 Acq On : 11 Dec 2024 12:56
 Operator : RC/JU
 Sample : P5066-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28N1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 13:25:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:52:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	6683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	20420	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.211	164	12425	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.960	188	27975m	0.400	ng/ul	0.00
17) Chrysene-d12	21.155	240	19797m	0.400	ng/ul	0.00
23) Perylene-d12	23.317	264	18614m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	38455	4.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	11937	0.458	ng/ul	0.00
18) Fluoranthene-d10	18.988	212	28848m	0.488	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	5486	0.105	ng/ul#	75
7) 2-Methylnaphthalene	12.009	142	17515	0.548	ng/ul	97
8) 1-Methylnaphthalene	12.234	142	14310	0.439	ng/ul	94
10) Acenaphthylene	13.933	152	1246	0.024	ng/ul#	1
11) Acenaphthene	14.271	153	981	0.025	ng/ul#	71
12) Fluorene	15.265	166	1682	0.038	ng/ul#	45
15) Phenanthrene	16.998	178	45647m	0.595	ng/ul	
19) Fluoranthene	19.021	202	3254m	0.040	ng/ul	
20) Pyrene	19.383	202	6835m	0.077	ng/ul	
21) Benzo(a)anthracene	21.169	228	5228m	0.075	ng/ul	
22) Chrysene	21.187	228	6402m	0.081	ng/ul	
24) Benzo(b)fluoranthene	22.674	252	3960m	0.062	ng/ul	
29) Benzo(g,h,i)perylene	26.118	276	9745	0.145	ng/ul#	88

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

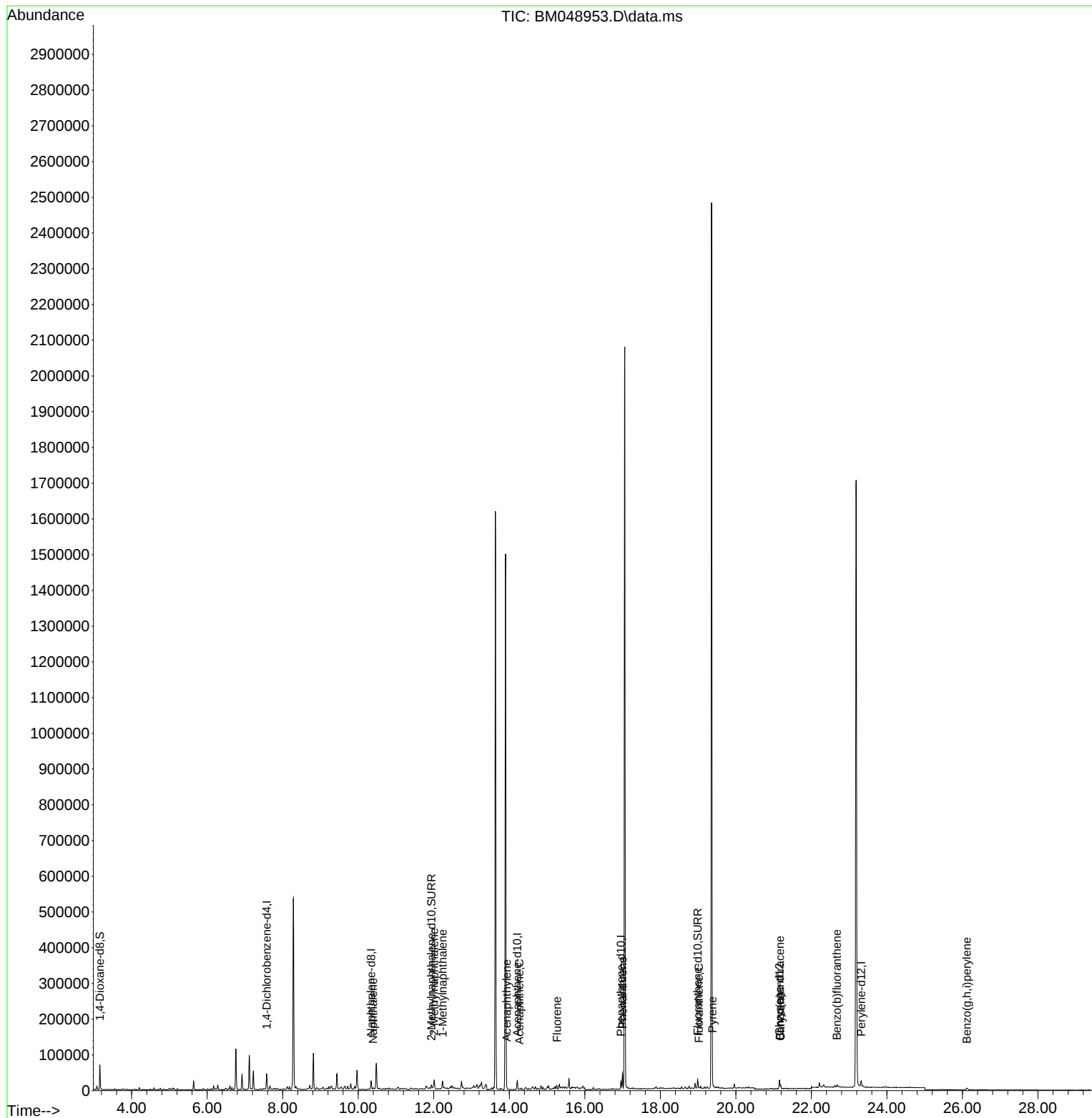
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048953.D
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ALS Vial : 41 Sample Multiplier: 1

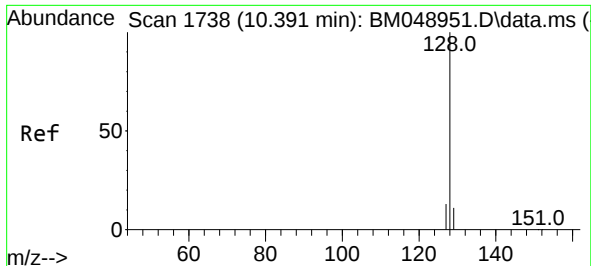
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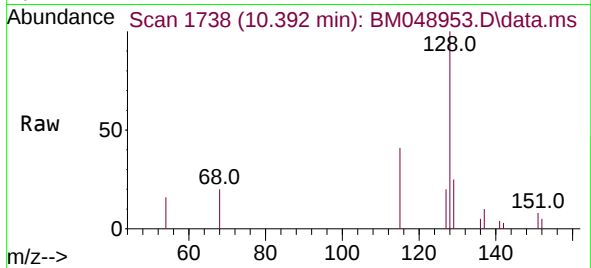
Quant Time: Dec 11 13:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
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#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.392 min Scan# 1738
Delta R.T. -0.010 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

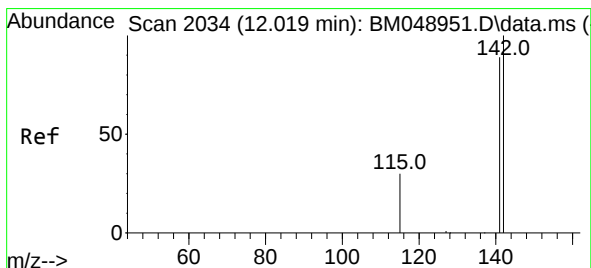
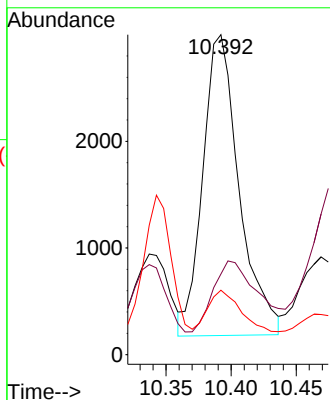
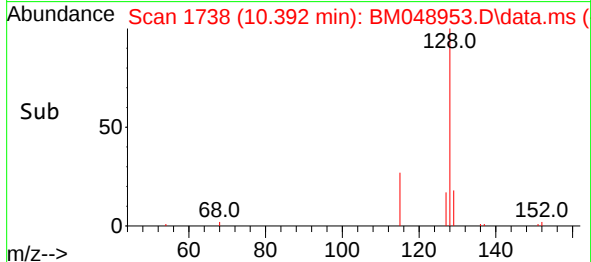
Instrument :
BNA_M
ClientSampleId :
E28N1



Tgt Ion:128 Resp: 5480
Ion Ratio Lower Upper
128 100
129 25.2 9.4 14.2
127 20.2 10.6 16.0

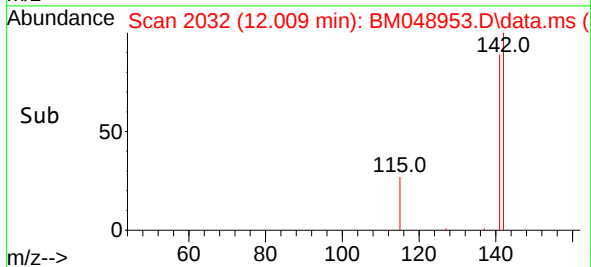
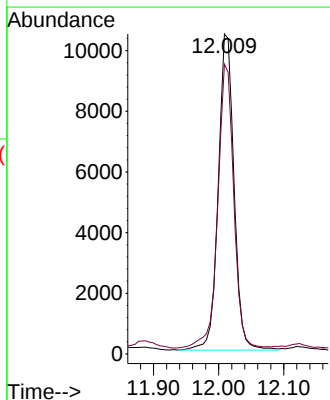
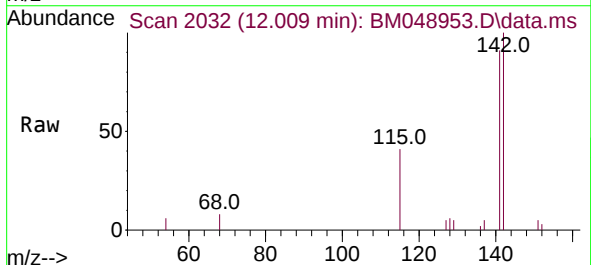
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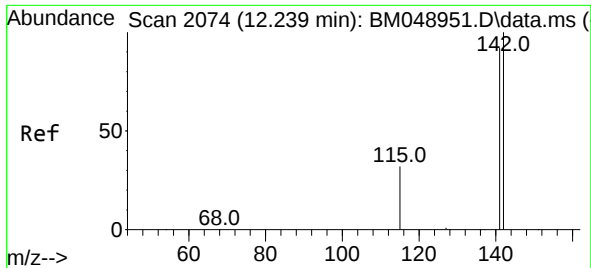
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.548 ng/ul
RT: 12.009 min Scan# 2032
Delta R.T. -0.015 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

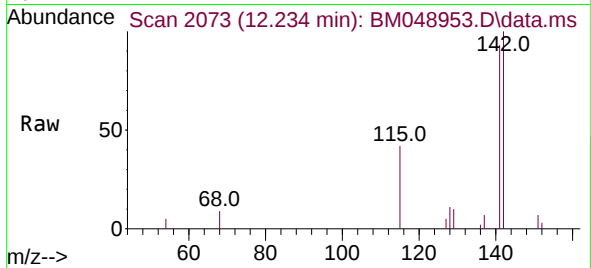
Tgt Ion:142 Resp: 17515
Ion Ratio Lower Upper
142 100
141 91.6 71.2 106.8





#8
1-Methylnaphthalene
Concen: 0.439 ng/u1
RT: 12.234 min Scan# 2073
Delta R.T. -0.010 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

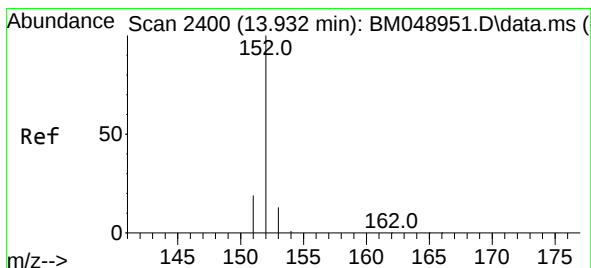
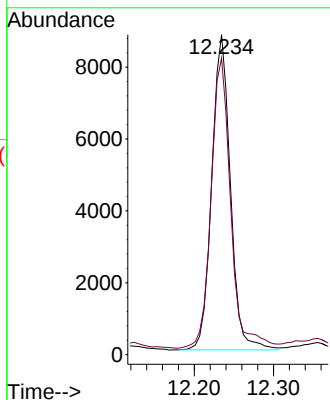
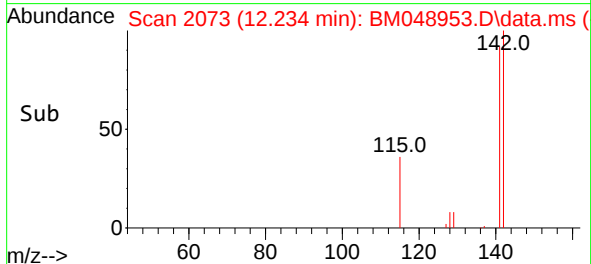
Instrument :
BNA_M
ClientSampleId :
E28N1



Tgt Ion:142 Resp: 14310
Ion Ratio Lower Upper
142 100
141 96.6 72.8 109.2

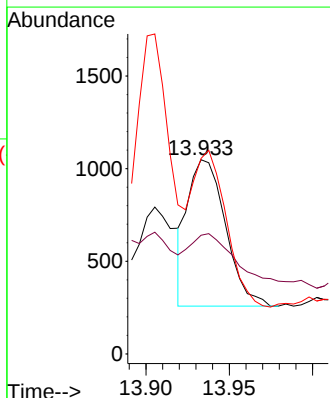
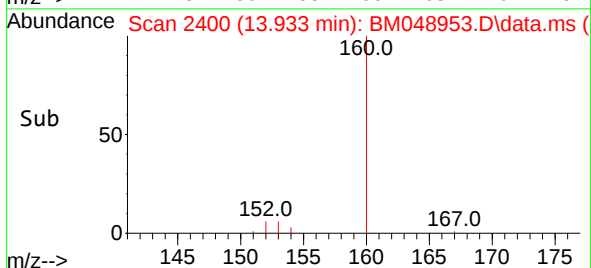
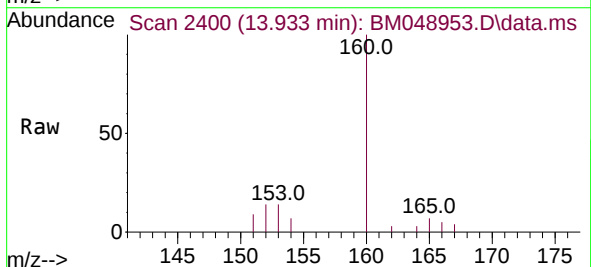
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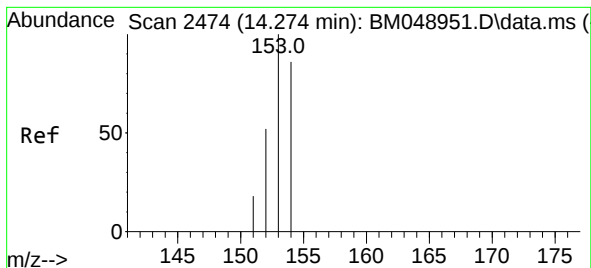
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Acenaphthylene
Concen: 0.024 ng/u1
RT: 13.933 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

Tgt Ion:152 Resp: 1246
Ion Ratio Lower Upper
152 100
151 61.2 16.3 24.5#
153 100.7 11.2 16.8#





#11

Acenaphthene

Concen: 0.025 ng/u1

RT: 14.271 min Scan# 2474

Delta R.T. -0.012 min

Lab File: BM048953.D

Acq: 11 Dec 2024 12:56

Instrument :

BNA_M

ClientSampleId :

E28N1

Tgt Ion:153 Resp: 98

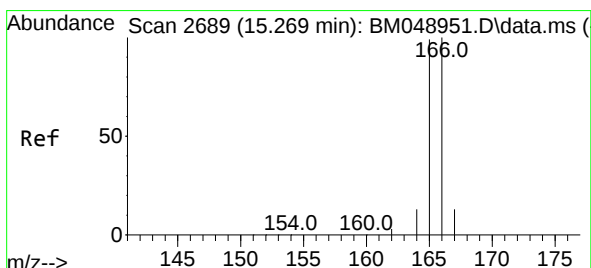
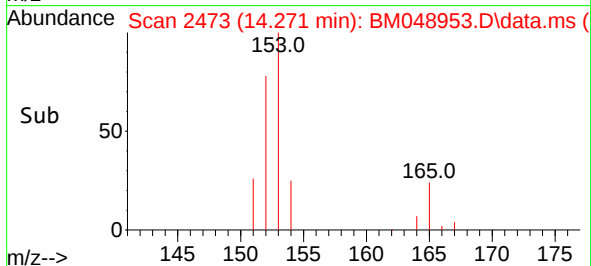
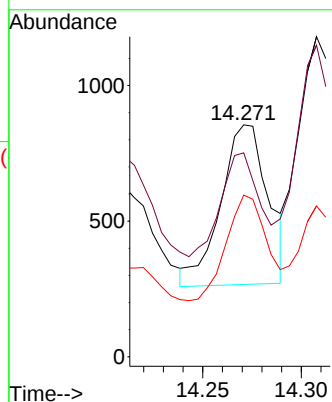
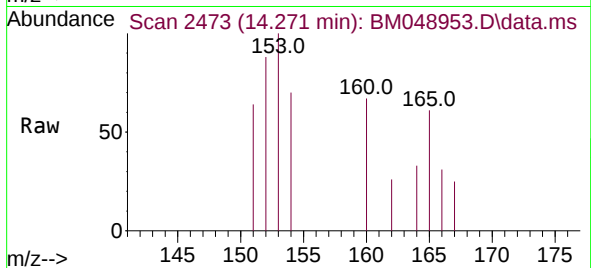
Ion	Ratio	Lower	Upper
153	100		
152	88.0	43.5	65.3
154	69.7	69.5	104.3

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#12

Fluorene

Concen: 0.038 ng/u1

RT: 15.265 min Scan# 2688

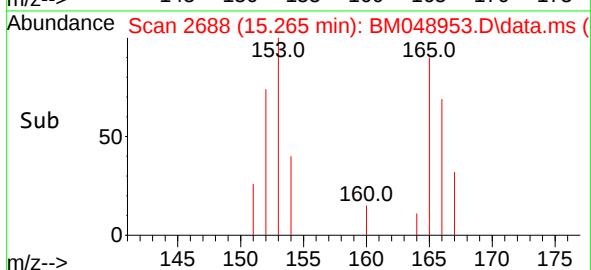
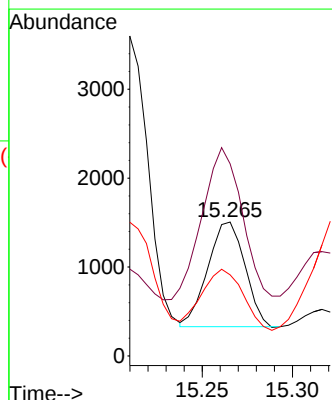
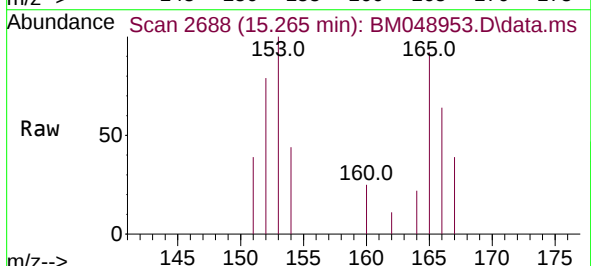
Delta R.T. -0.012 min

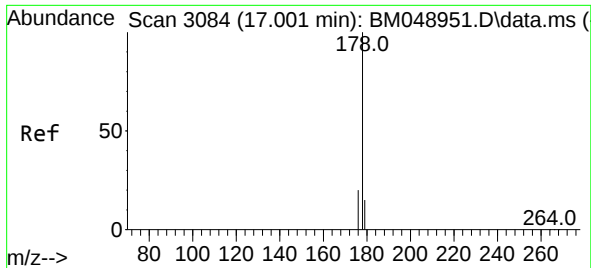
Lab File: BM048953.D

Acq: 11 Dec 2024 12:56

Tgt Ion:166 Resp: 1682

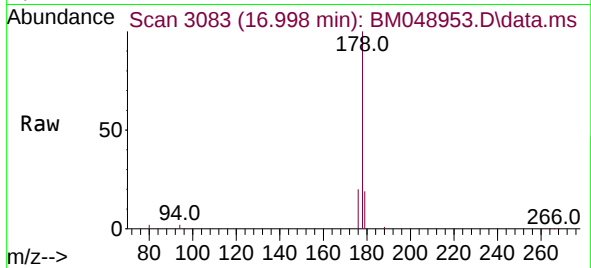
Ion	Ratio	Lower	Upper
166	100		
165	143.5	78.1	117.1
167	60.5	11.6	17.4





#15
Phenanthrene
Concen: 0.595 ng/ul m
RT: 16.998 min Scan# 3083
Delta R.T. -0.011 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

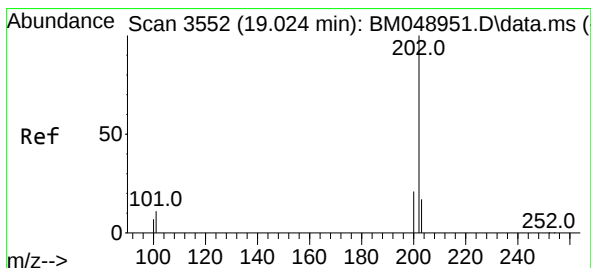
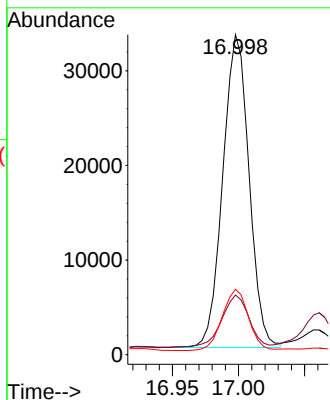
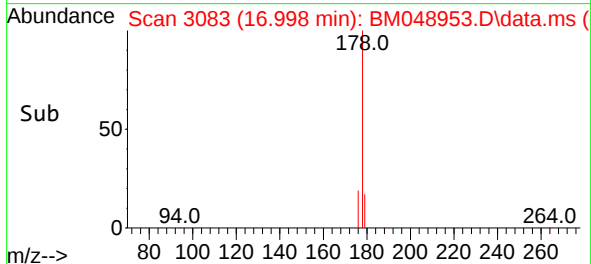
Instrument :
BNA_M
ClientSampleId :
E28N1



Tgt Ion:178 Resp: 4564
Ion Ratio Lower Upper
178 100
179 18.6 13.0 19.6
176 20.5 15.8 23.8

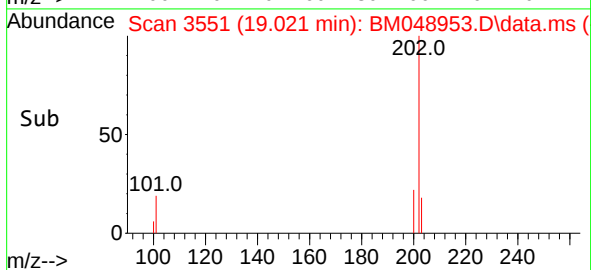
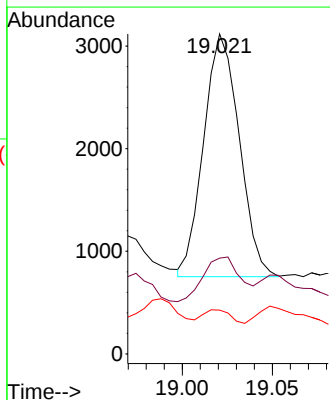
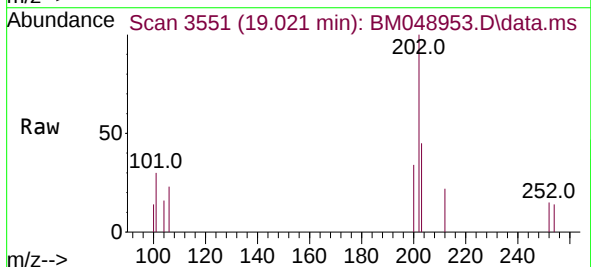
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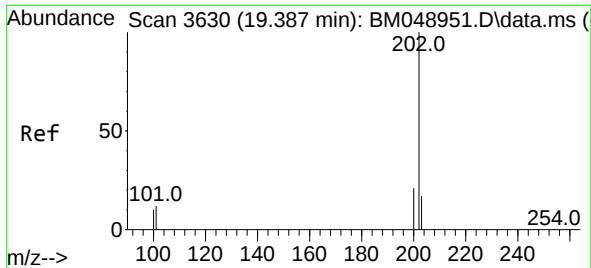
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#19
Fluoranthene
Concen: 0.040 ng/ul m
RT: 19.021 min Scan# 3551
Delta R.T. -0.013 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

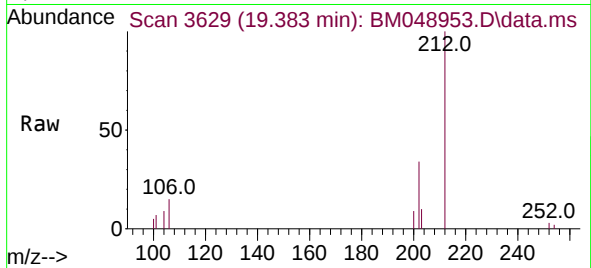
Tgt Ion:202 Resp: 3254
Ion Ratio Lower Upper
202 100
101 29.9 9.7 14.5#
100 13.7 7.3 10.9#





#20
Pyrene
Concen: 0.077 ng/ul m
RT: 19.383 min Scan# 3629
Delta R.T. -0.013 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

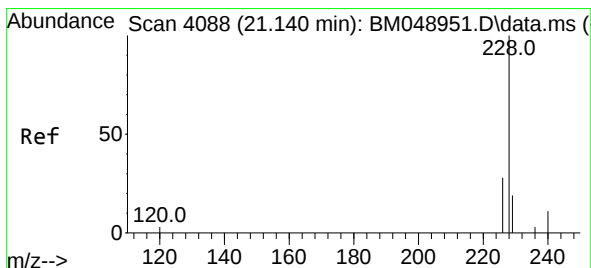
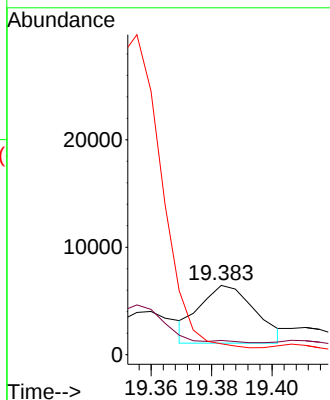
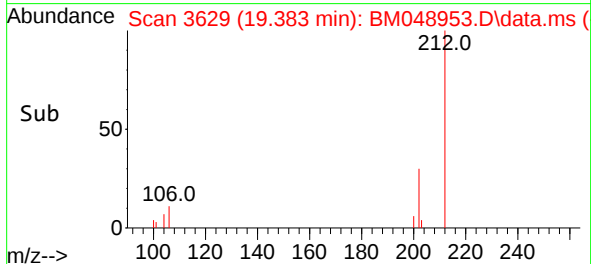
Instrument :
BNA_M
ClientSampleId :
E28N1



Tgt Ion:202 Resp: 683
Ion Ratio Lower Upper
202 100
101 20.4 10.6 16.0
100 15.6 8.4 12.6

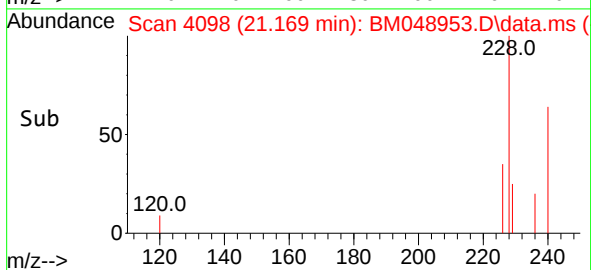
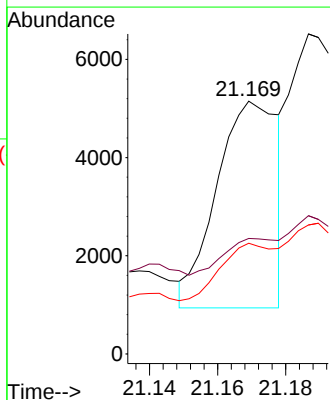
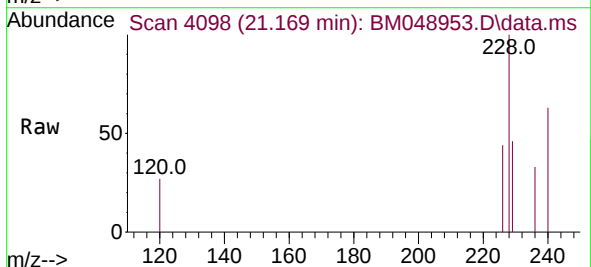
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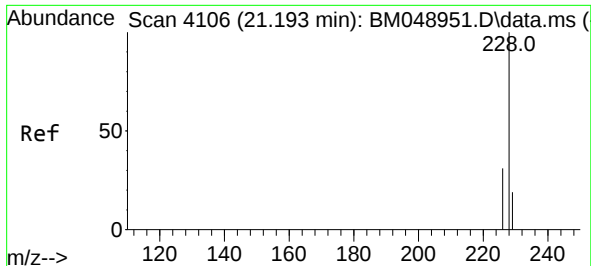
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#21
Benzo(a)anthracene
Concen: 0.075 ng/ul m
RT: 21.169 min Scan# 4098
Delta R.T. 0.020 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

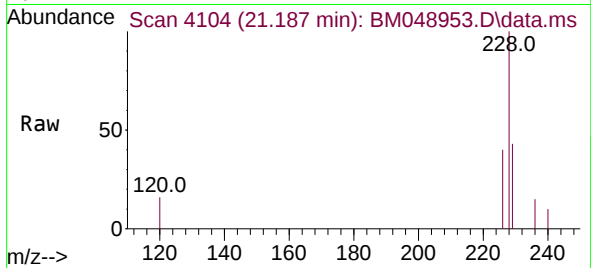
Tgt Ion:228 Resp: 5228
Ion Ratio Lower Upper
228 100
229 45.7 15.7 23.5#
226 43.8 23.0 34.4#





#22
Chrysene
Concen: 0.081 ng/ul m
RT: 21.187 min Scan# 4106
Delta R.T. -0.012 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

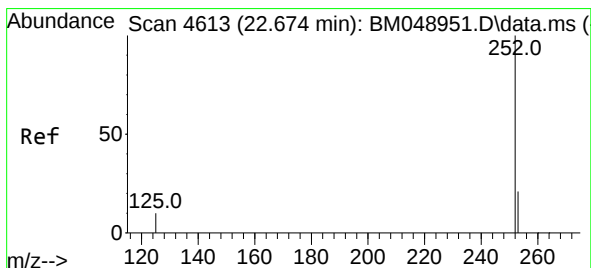
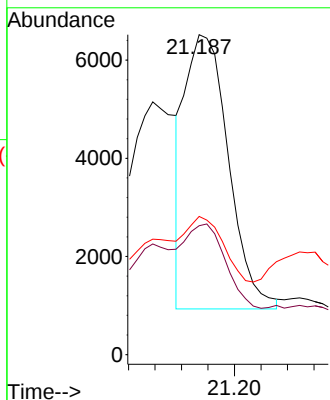
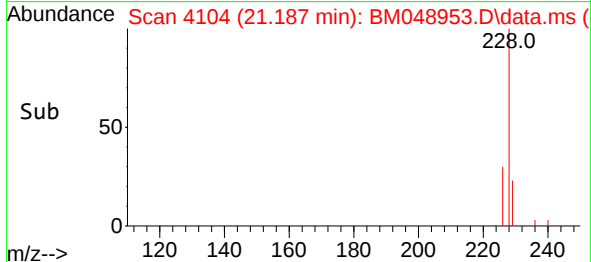
Instrument :
BNA_M
ClientSampleId :
E28N1



Tgt Ion:228 Resp: 6400
Ion Ratio Lower Upper
228 100
226 40.3 24.8 37.2
229 43.2 16.0 24.0

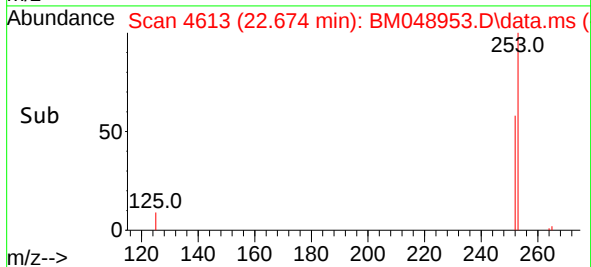
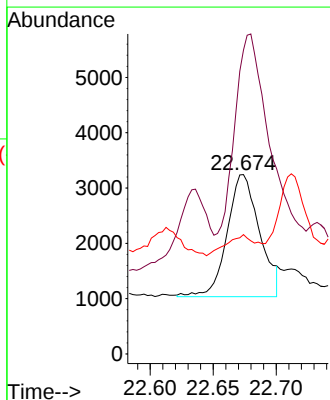
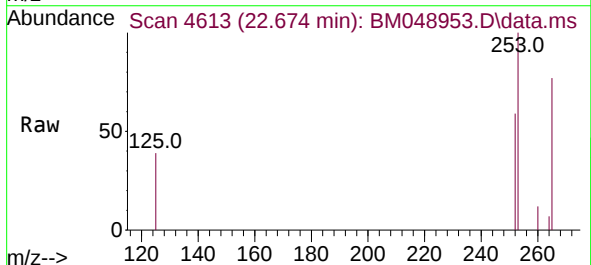
Manual Integrations
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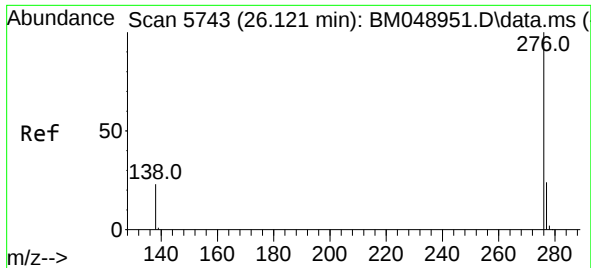
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Benzo(b)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.674 min Scan# 4613
Delta R.T. -0.015 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

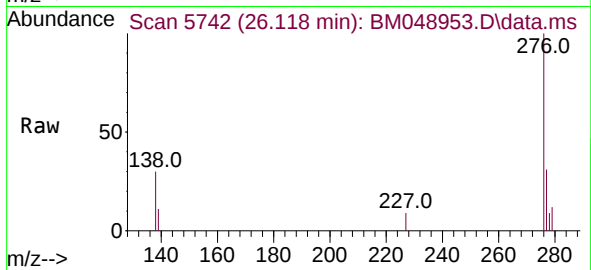
Tgt Ion:252 Resp: 3960
Ion Ratio Lower Upper
252 100
253 169.4 0.0 51.0#
125 66.6 0.0 36.6#





#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 26.118 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM048953.D
Acq: 11 Dec 2024 12:56

Instrument :
BNA_M
ClientSampleId :
E28N1



Tgt Ion:276 Resp: 9745
Ion Ratio Lower Upper
276 100
138 30.5 19.8 29.6
277 30.5 19.6 29.4

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