

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049116.D
 Acq On : 21 Dec 2024 00:38
 Operator : RC/JU
 Sample : P5265-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z8

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 01:06:53 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	9028	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	28238	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.197	164	20103	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	38236m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	31160m	0.400	ng/ul	0.00
23) Perylene-d12	23.311	264	34184m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	36291	3.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	7769	0.205	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	18079m	0.204	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	14751	0.209	ng/ul	95
7) 2-Methylnaphthalene	11.992	142	35047	0.783	ng/ul	99
8) 1-Methylnaphthalene	12.212	142	27920	0.609	ng/ul	95
10) Acenaphthylene	13.919	152	5805	0.070	ng/ul#	1
11) Acenaphthene	14.257	153	2903	0.048	ng/ul#	74
12) Fluorene	15.251	166	27091	0.395	ng/ul#	68
15) Phenanthrene	16.985	178	192656m	1.929	ng/ul	
19) Fluoranthene	19.016	202	29195m	0.259	ng/ul	
20) Pyrene	19.378	202	48457m	0.403	ng/ul	
21) Benzo(a)anthracene	21.134	228	4789m	0.044	ng/ul	
22) Chrysene	21.163	228	26481m	0.228	ng/ul	
29) Benzo(g,h,i)perylene	26.104	276	4549m	0.038	ng/ul	

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

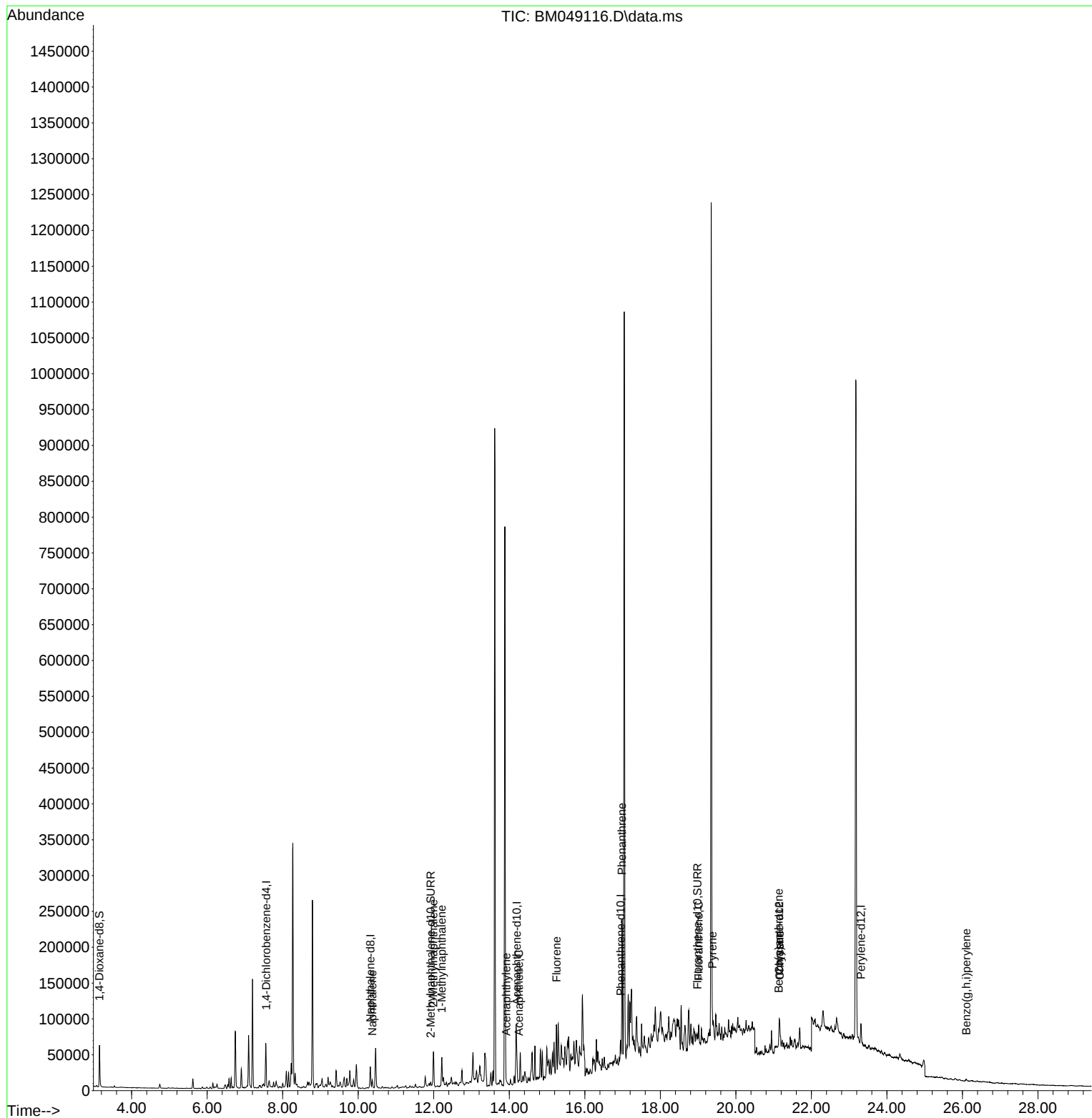
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049116.D
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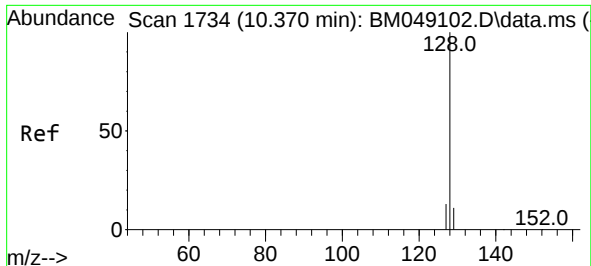
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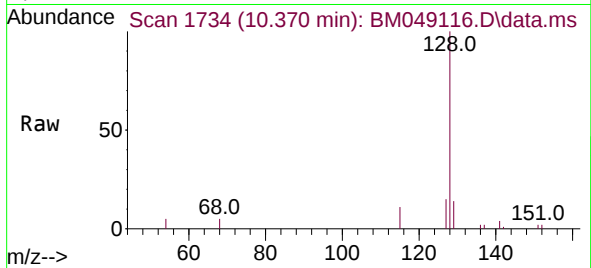
Quant Time: Dec 21 01:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049116.D
Acq: 21 Dec 2024 00:38

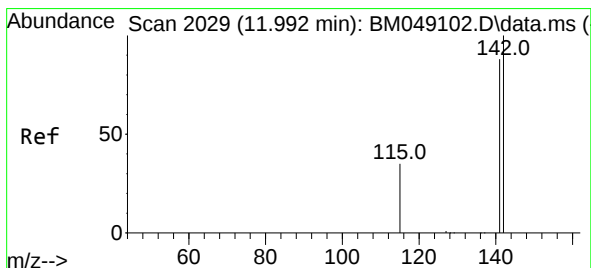
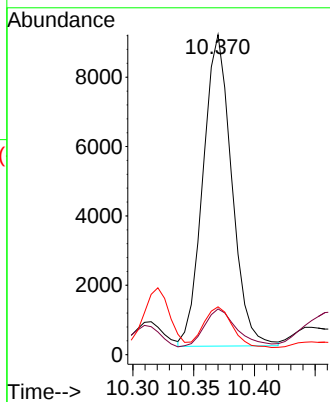
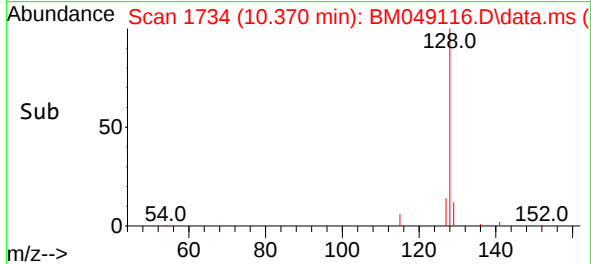
Instrument :
BNA_M
ClientSampleId :
E28Z8



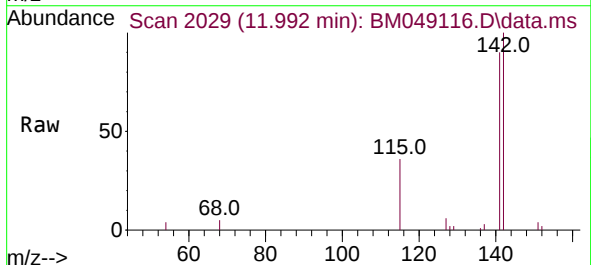
Tgt Ion:128 Resp: 1475
Ion Ratio Lower Upper
128 100
129 14.3 9.7 14.5
127 15.0 10.6 16.0

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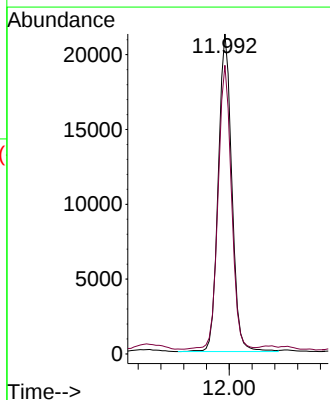
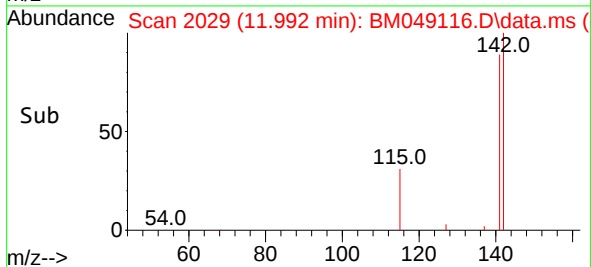
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

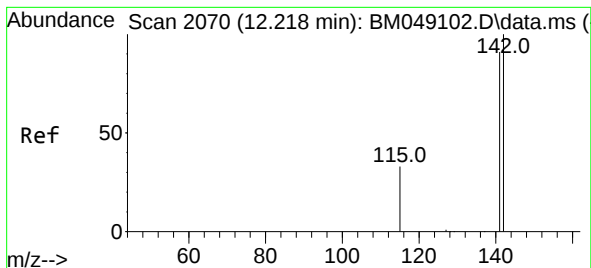


#7
2-Methylnaphthalene
Concen: 0.783 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049116.D
Acq: 21 Dec 2024 00:38



Tgt Ion:142 Resp: 35047
Ion Ratio Lower Upper
142 100
141 89.0 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.609 ng/ul

RT: 12.212 min Scan# 2070

Delta R.T. -0.010 min

Lab File: BM049116.D

Acq: 21 Dec 2024 00:38

Instrument :

BNA_M

ClientSampleId :

E28Z8

Tgt Ion:142 Resp: 27920

Ion Ratio Lower Upper

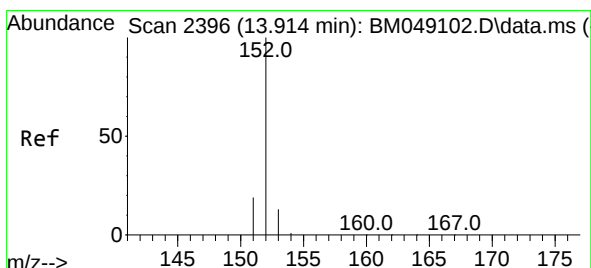
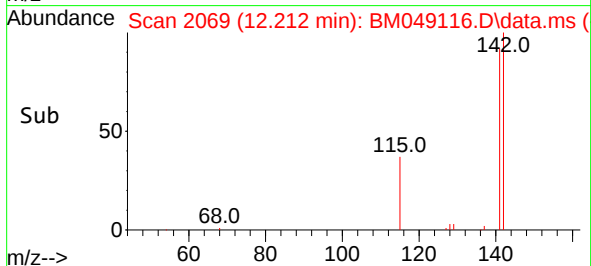
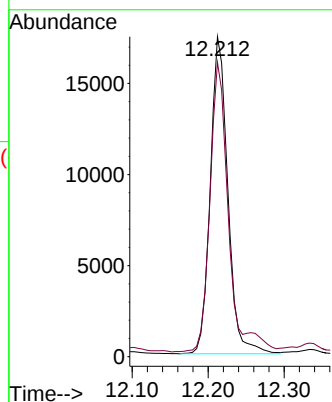
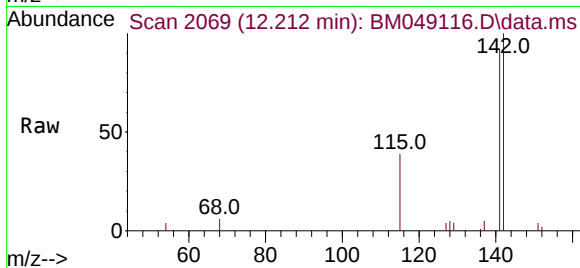
142 100

141 95.8 72.7 109.1

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#10

Acenaphthylene

Concen: 0.070 ng/ul

RT: 13.919 min Scan# 2397

Delta R.T. 0.001 min

Lab File: BM049116.D

Acq: 21 Dec 2024 00:38

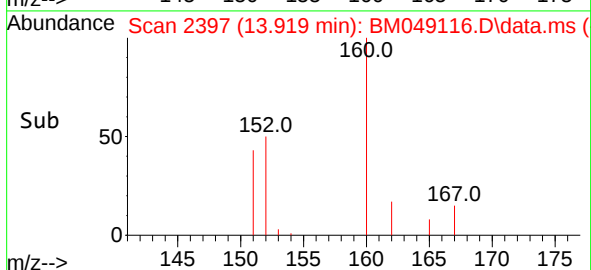
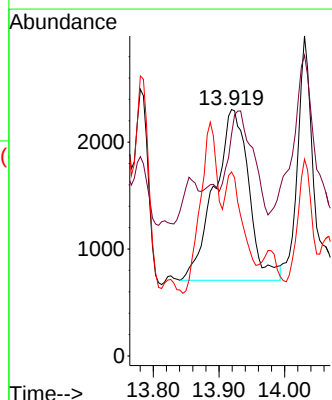
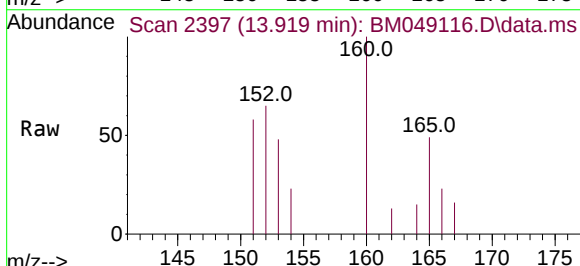
Tgt Ion:152 Resp: 5805

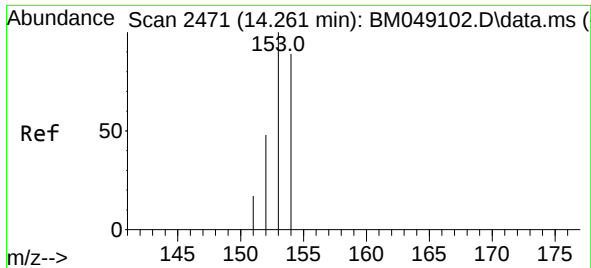
Ion Ratio Lower Upper

152 100

151 90.0 16.0 24.0#

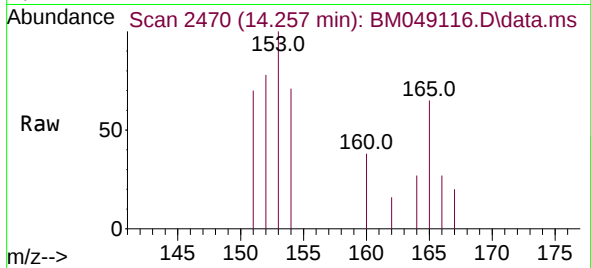
153 74.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049116.D
Acq: 21 Dec 2024 00:38

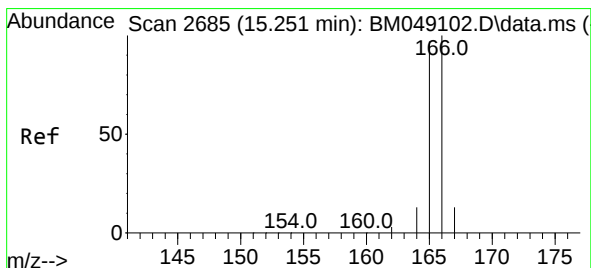
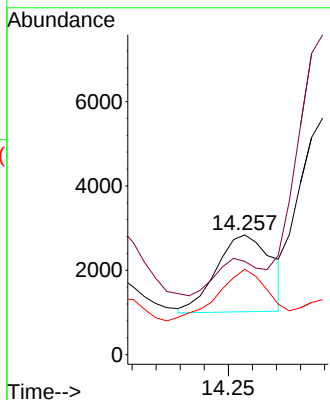
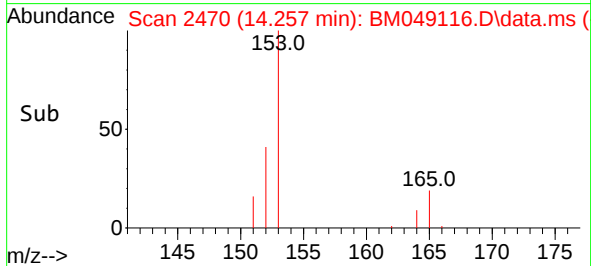
Instrument :
BNA_M
ClientSampleId :
E28Z8



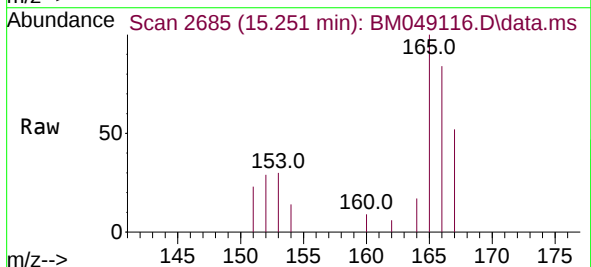
Tgt Ion:153 Resp: 2901
Ion Ratio Lower Upper
153 100
152 77.8 40.7 61.1#
154 71.2 70.8 106.2

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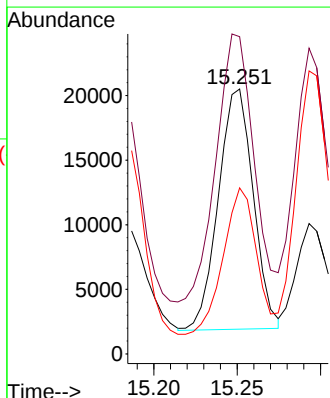
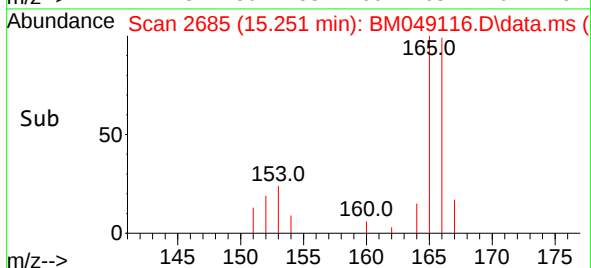
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

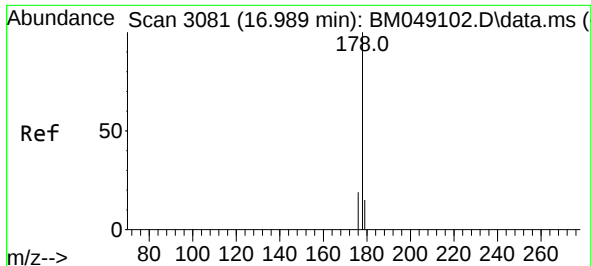


#12
Fluorene
Concen: 0.395 ng/u1
RT: 15.251 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049116.D
Acq: 21 Dec 2024 00:38



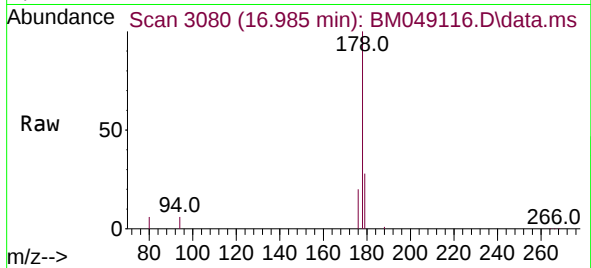
Tgt Ion:166 Resp: 27091
Ion Ratio Lower Upper
166 100
165 119.7 79.7 119.5#
167 62.7 11.4 17.0#





#15
Phenanthrene
Concen: 1.929 ng/ul m
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049116.D
Acq: 21 Dec 2024 00:38

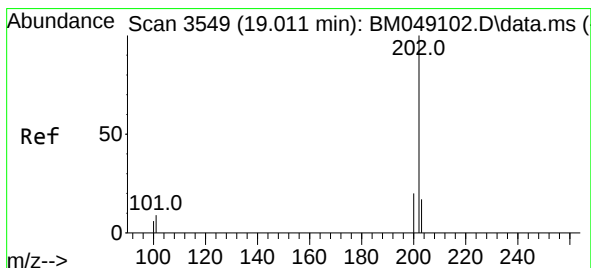
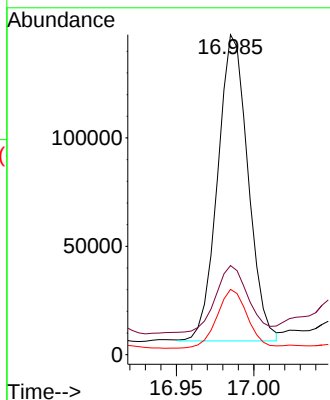
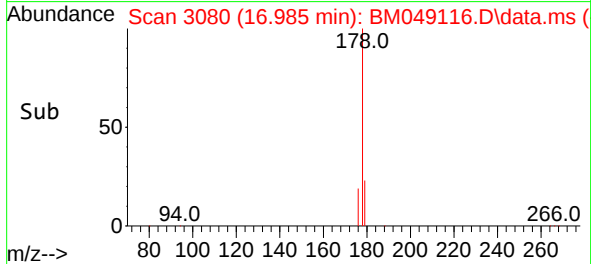
Instrument :
BNA_M
ClientSampleId :
E28Z8



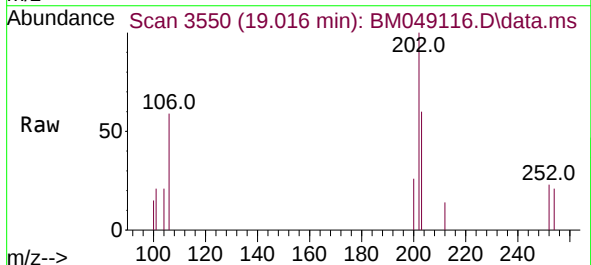
Tgt Ion:178 Resp: 192650
Ion Ratio Lower Upper
178 100
179 27.9 13.0 19.4#
176 20.4 16.2 24.2

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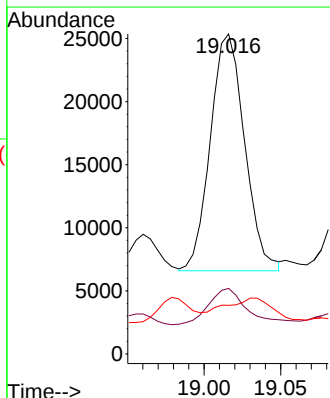
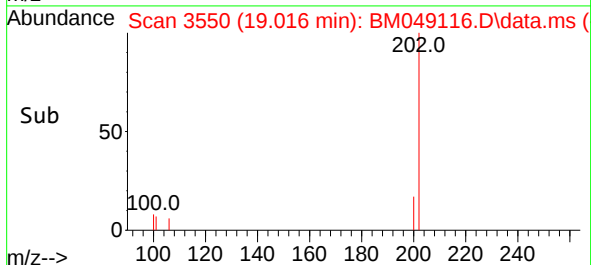
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

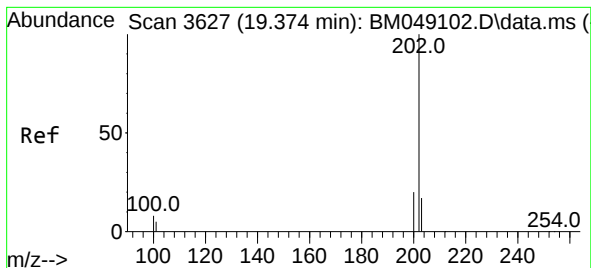


#19
Fluoranthene
Concen: 0.259 ng/ul m
RT: 19.016 min Scan# 3550
Delta R.T. 0.001 min
Lab File: BM049116.D
Acq: 21 Dec 2024 00:38



Tgt Ion:202 Resp: 29195
Ion Ratio Lower Upper
202 100
101 20.5 7.6 11.4#
100 15.2 5.5 8.3#





#20

Pyrene

Concen: 0.403 ng/ul m

RT: 19.378 min Scan# 3

Delta R.T. 0.001 min

Lab File: BM049116.D

Acq: 21 Dec 2024 00:38

Instrument :

BNA_M

ClientSampleId :

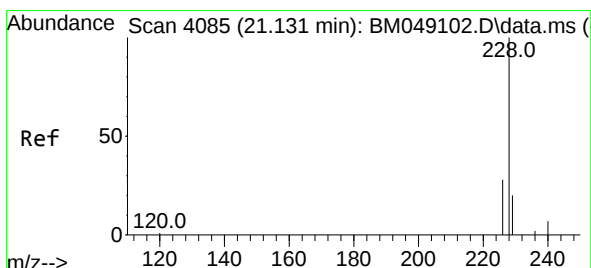
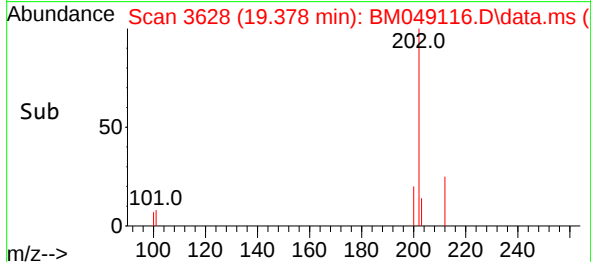
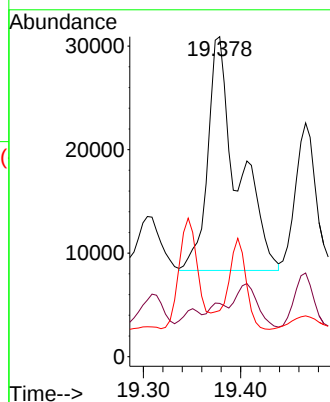
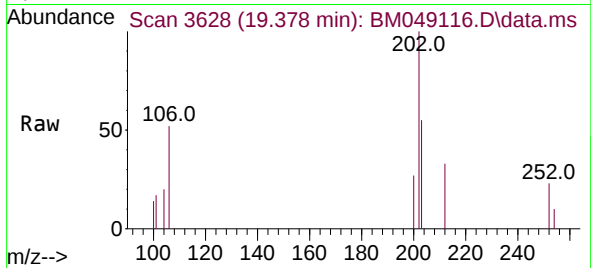
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Tgt Ion:202	Resp: 4845
Ion Ratio	Lower Upper
202 100	
101 16.7	8.9 13.3
100 14.4	6.9 10.3

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#21

Benzo(a)anthracene

Concen: 0.044 ng/ul m

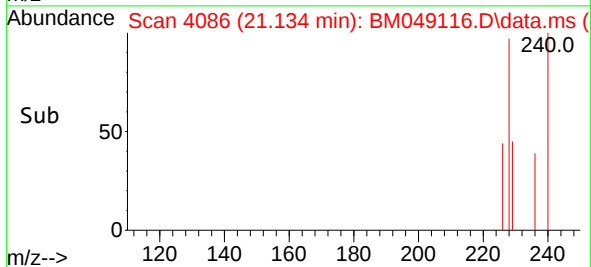
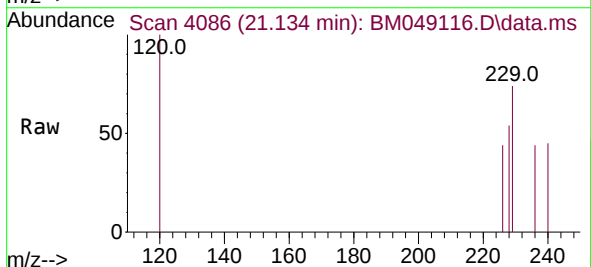
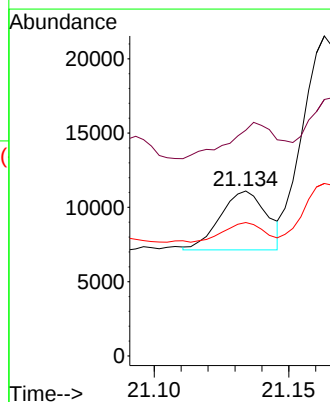
RT: 21.134 min Scan# 4086

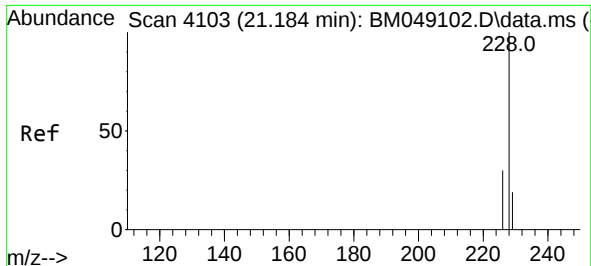
Delta R.T. 0.002 min

Lab File: BM049116.D

Acq: 21 Dec 2024 00:38

Tgt Ion:228	Resp: 4789
Ion Ratio	Lower Upper
228 100	
229 136.9	15.9 23.9#
226 80.9	22.6 34.0#





#22

Chrysene

Concen: 0.228 ng/ul m

RT: 21.163 min Scan# 4096

Delta R.T. -0.021 min

Lab File: BM049116.D

Acq: 21 Dec 2024 00:38

Instrument :

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ClientSampleId :

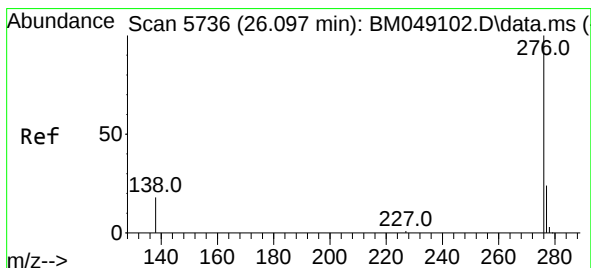
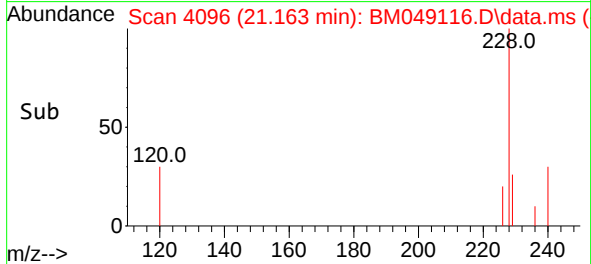
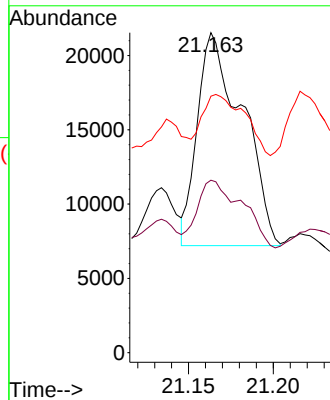
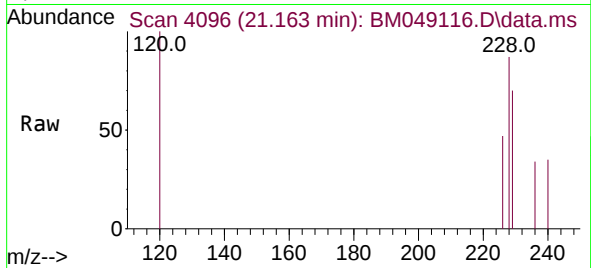
E28Z8

Tgt Ion:	228	Resp:	2648
Ion Ratio	Lower	Upper	
228	100		
226	53.9	24.1	36.1
229	80.2	15.8	23.8

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#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul m

RT: 26.104 min Scan# 5738

Delta R.T. 0.010 min

Lab File: BM049116.D

Acq: 21 Dec 2024 00:38

Tgt Ion:	276	Resp:	4549
Ion Ratio	Lower	Upper	
276	100		
138	138.2	16.7	25.1
277	63.8	19.9	29.9

