

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033154.D
 Acq On : 01 Aug 2024 05:54
 Operator : MA/JU
 Sample : P3265-11MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D42MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 01 07:42:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	2331	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.279	136	7933	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.143	164	4724	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.912	188	10091	0.400	ng/ul	-0.03
17) Chrysene-d12	21.128	240	9233	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	9640	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1185	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	3211	0.248	ng/ul	-0.06
18) Fluoranthene-d10	18.949	212	8264	0.316	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.086	88	3512	1.045	ng/ul#	73
5) Naphthalene	10.328	128	6316	0.310	ng/ul	98
7) 2-Methylnaphthalene	11.950	142	3701	0.268	ng/ul	98
8) 1-Methylnaphthalene	12.165	142	3829	0.257	ng/ul	100
10) Acenaphthylene	13.870	152	6433	0.333	ng/ul	97
11) Acenaphthene	14.203	153	5207	0.358	ng/ul	99
12) Fluorene	15.217	166	5586	0.330	ng/ul	99
14) Pentachlorophenol	16.603	266	1021	0.497	ng/ul	99
15) Phenanthrene	16.954	178	23060	0.852	ng/ul	98
16) Anthracene	17.051	178	9642	0.396	ng/ul	99
19) Fluoranthene	18.977	202	45818	1.507	ng/ul	98
20) Pyrene	19.349	202	43738	1.342	ng/ul	96
21) Benzo(a)anthracene	21.113	228	25719	0.817	ng/ul	98
22) Chrysene	21.166	228	27413	0.746	ng/ul	100
24) Benzo(b)fluoranthene	22.656	252	32738	1.163	ng/ul	89
25) Benzo(k)fluoranthene	22.697	252	17610m	0.522	ng/ul	
26) Benzo(a)pyrene	23.218	252	22323	0.842	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.500	276	20666	0.513	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.494	278	9971	0.312	ng/ul	99
29) Benzo(g,h,i)perylene	26.174	276	18758	0.586	ng/ul	96

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

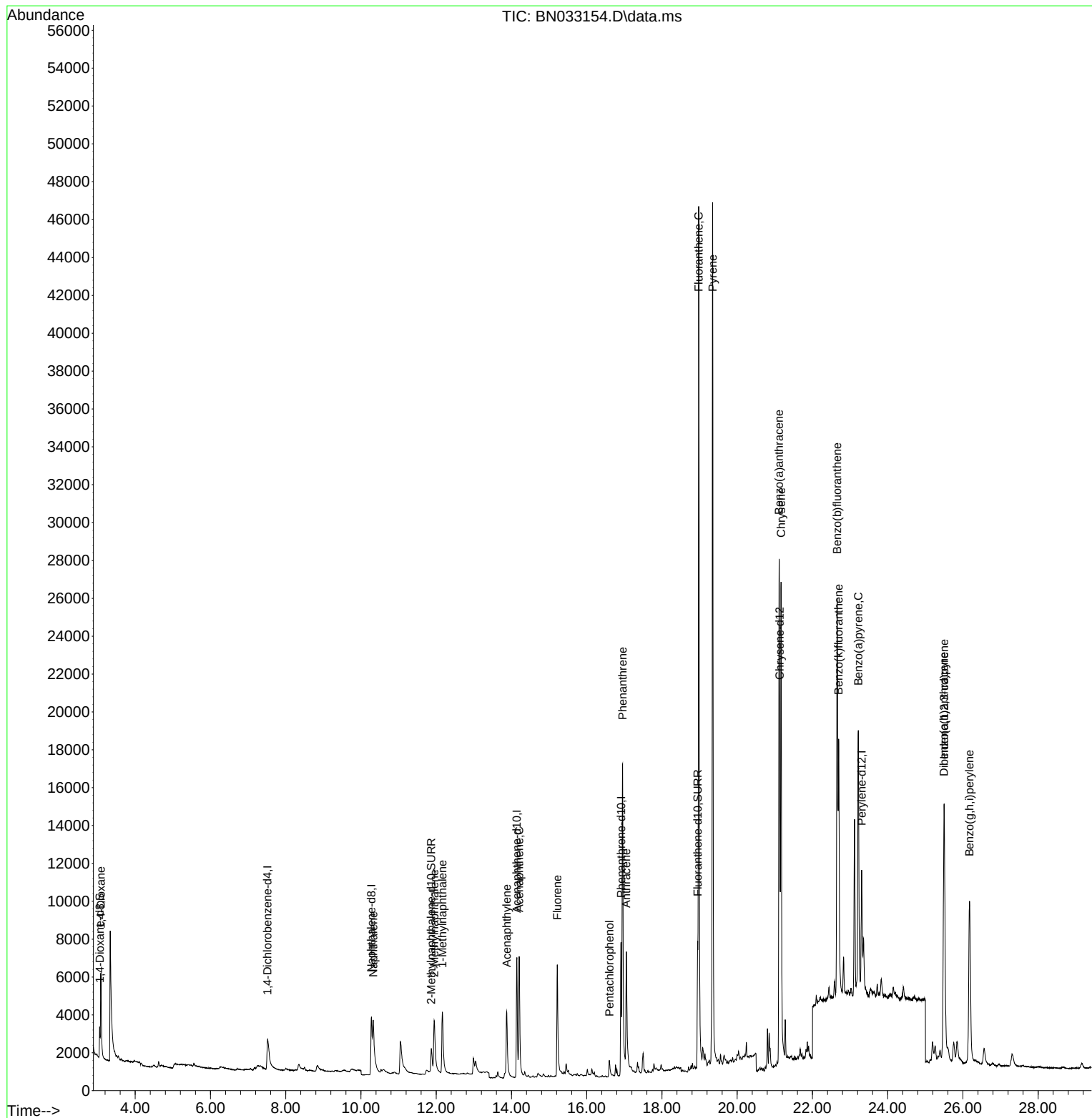
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033154.D
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Sample : P3265-11MS
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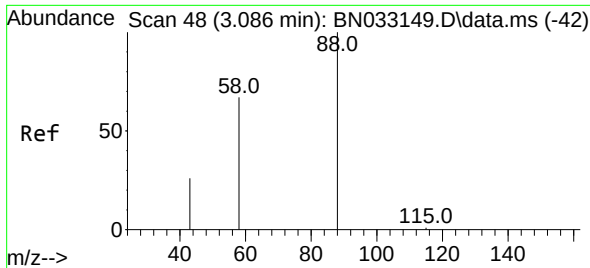
Instrument :
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Quant Time: Aug 01 07:42:01 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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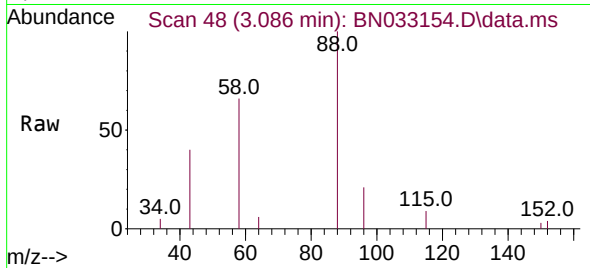
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024





#2
1,4-Dioxane
Concen: 1.045 ng/ul
RT: 3.086 min Scan# 48
Delta R.T. -0.008 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

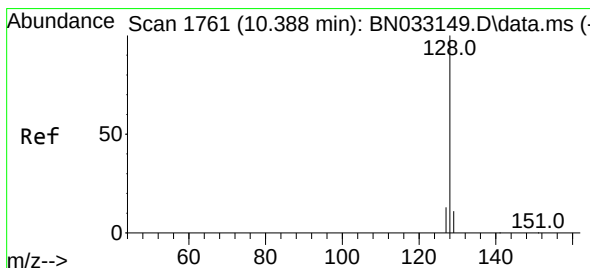
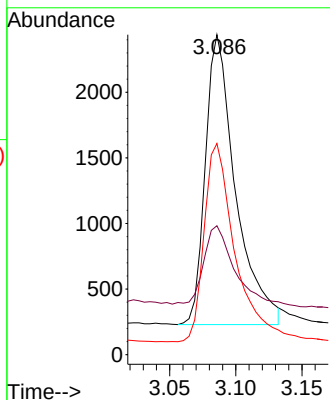
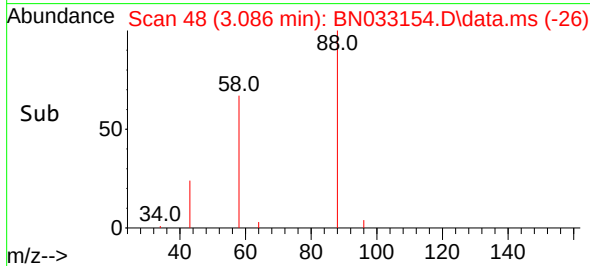
Instrument :
BNA_N
ClientSampleId :
A4D42MS



Tgt Ion: 88 Resp: 3512
Ion Ratio Lower Upper
88 100
43 40.3 63.4 95.2
58 66.0 49.4 74.0

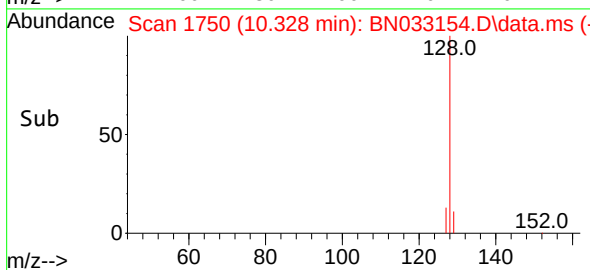
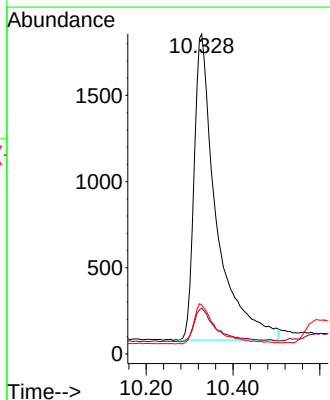
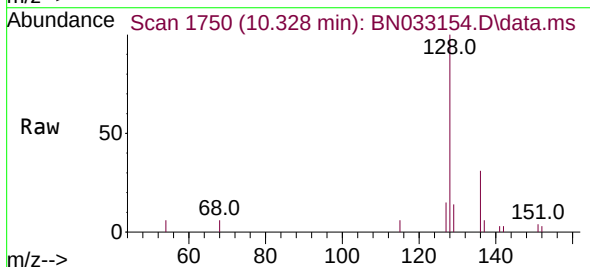
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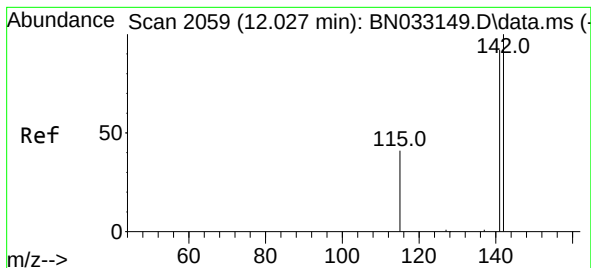
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.328 min Scan# 1750
Delta R.T. -0.049 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

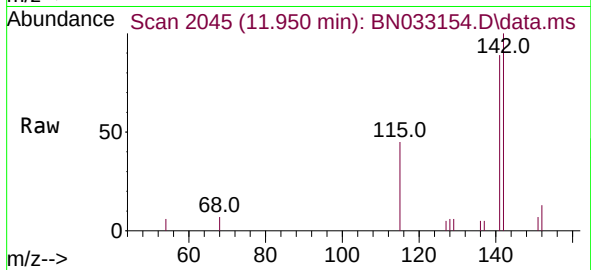
Tgt Ion:128 Resp: 6316
Ion Ratio Lower Upper
128 100
129 14.2 12.0 18.0
127 15.3 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 11.950 min Scan# 2045
Delta R.T. -0.055 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

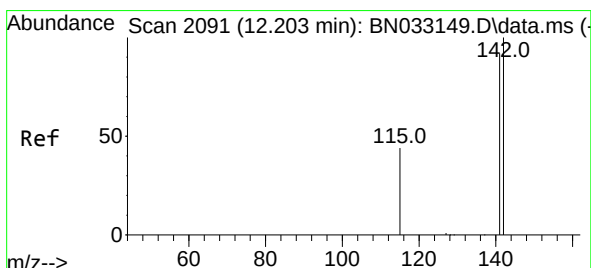
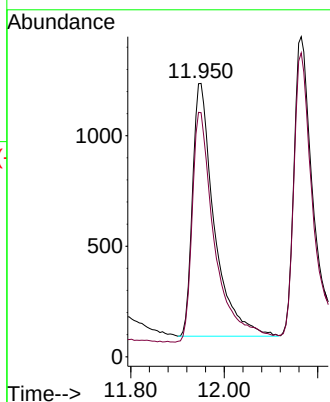
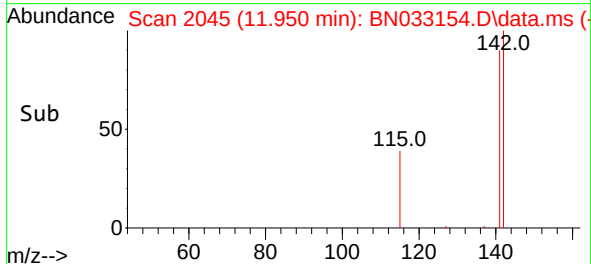
Instrument :
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A4D42MS



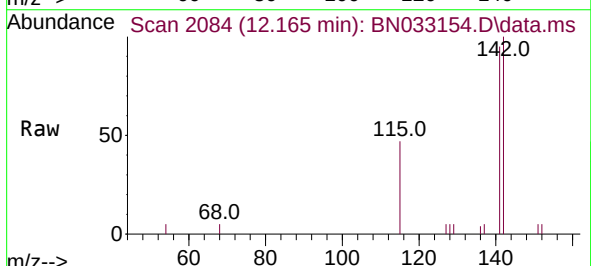
Tgt Ion:142 Resp: 370
Ion Ratio Lower Upper
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141 96.2 75.2 112.8

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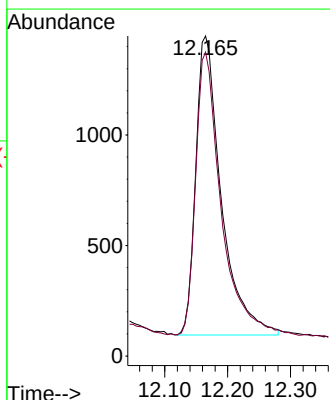
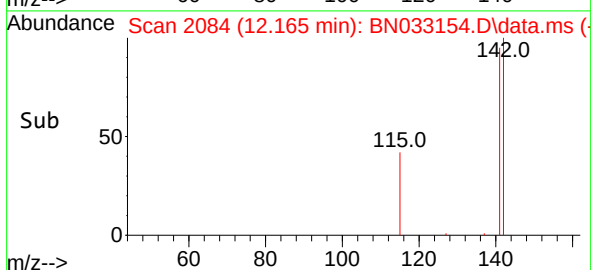
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

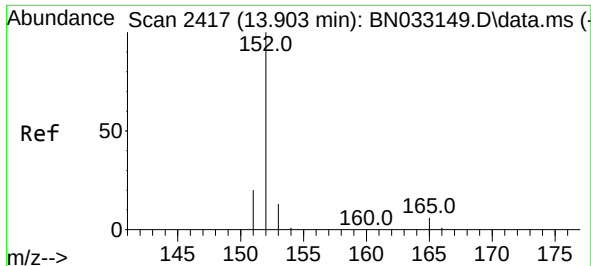


#8
1-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.165 min Scan# 2084
Delta R.T. -0.033 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54



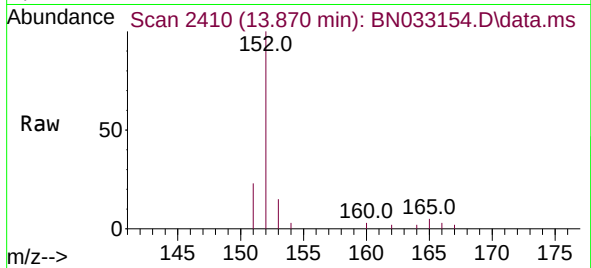
Tgt Ion:142 Resp: 3829
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5





#10
Acenaphthylene
Concen: 0.333 ng/u1
RT: 13.870 min Scan# 2410
Delta R.T. -0.027 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

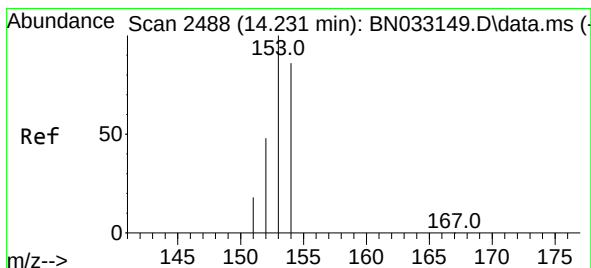
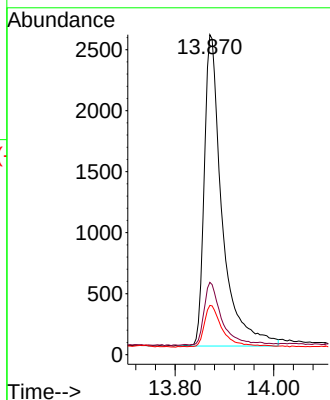
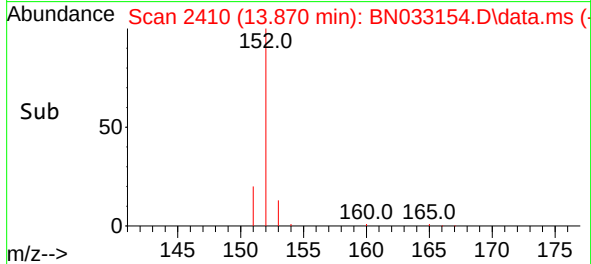
Instrument :
BNA_N
ClientSampleId :
A4D42MS



Tgt Ion:152 Resp: 643
Ion Ratio Lower Upper
152 100
151 22.6 16.8 25.2
153 15.4 11.9 17.9

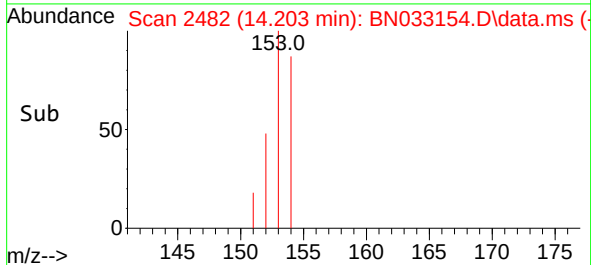
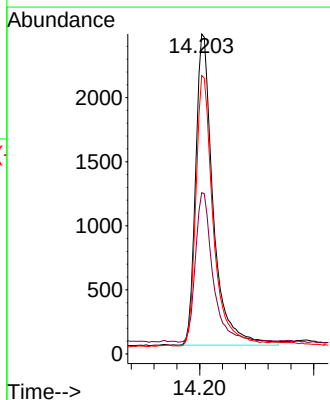
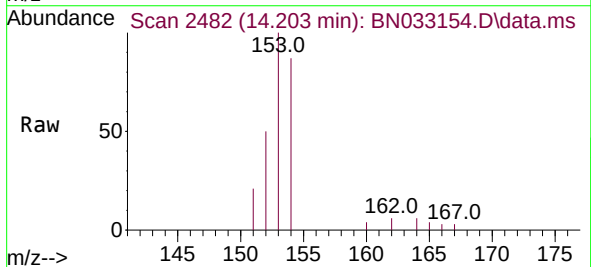
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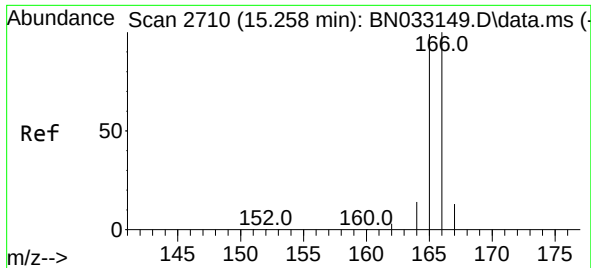
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#11
Acenaphthene
Concen: 0.358 ng/u1
RT: 14.203 min Scan# 2482
Delta R.T. -0.023 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

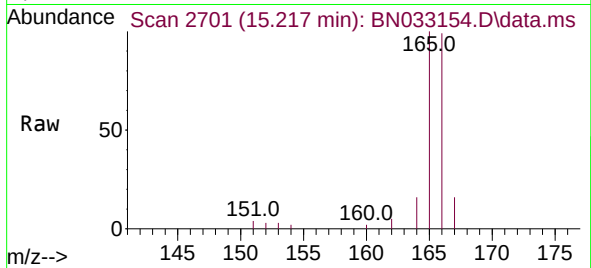
Tgt Ion:153 Resp: 5207
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 87.0 70.1 105.1





#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.217 min Scan# 21
Delta R.T. -0.032 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

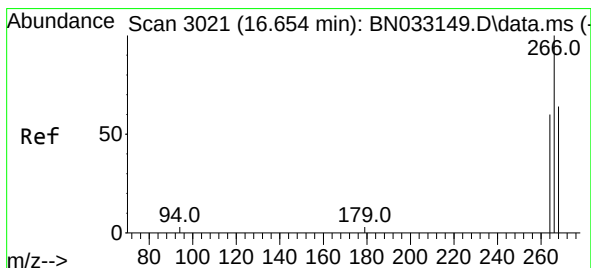
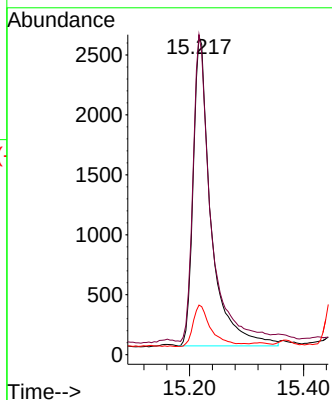
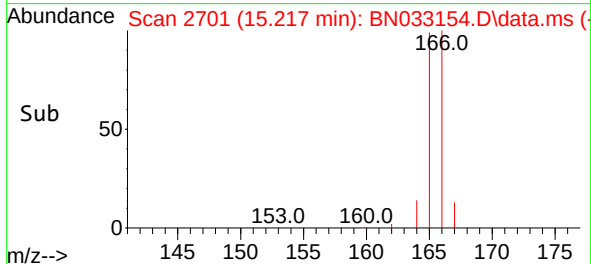
Instrument :
BNA_N
ClientSampleId :
A4D42MS



Tgt Ion:166 Resp: 5580
Ion Ratio Lower Upper
166 100
165 100.6 79.6 119.4
167 15.6 12.2 18.4

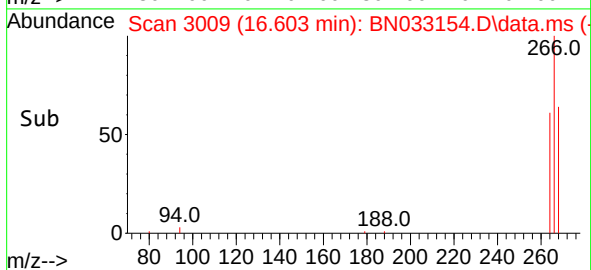
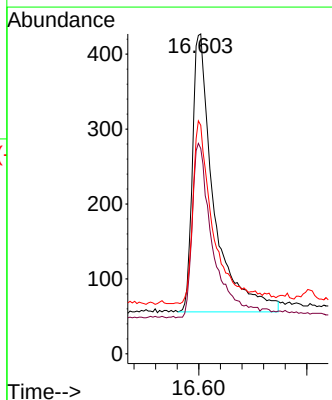
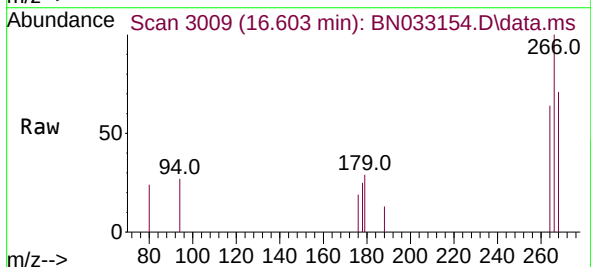
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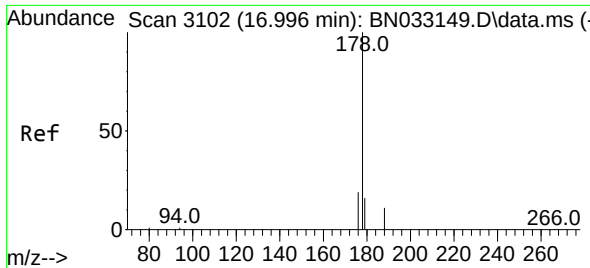
Reviewed By :Jagrut Upadhyay 08/01/2024
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#14
Pentachlorophenol
Concen: 0.497 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.038 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

Tgt Ion:266 Resp: 1021
Ion Ratio Lower Upper
266 100
264 61.3 49.3 73.9
268 64.1 51.8 77.8





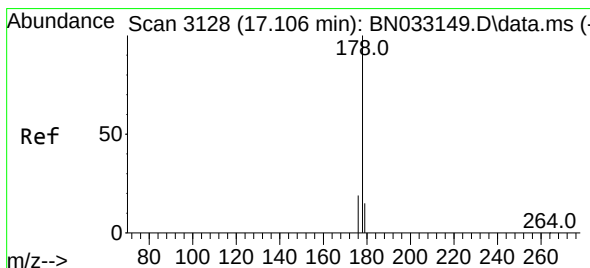
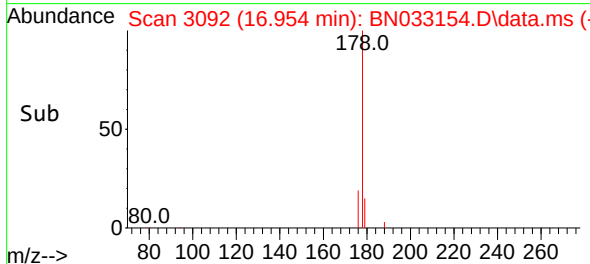
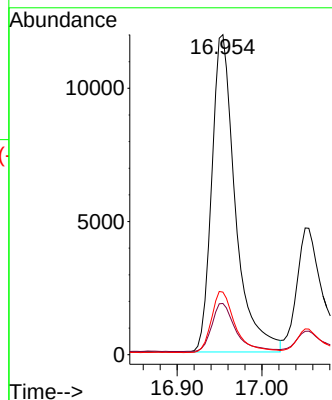
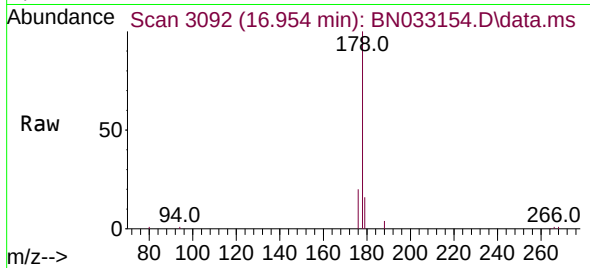
#15
Phenanthrene
Concen: 0.852 ng/u1
RT: 16.954 min Scan# 3102
Delta R.T. -0.029 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

Instrument :
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ClientSampleId :
A4D42MS

Tgt Ion:178 Resp: 23060
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 19.5 15.9 23.9

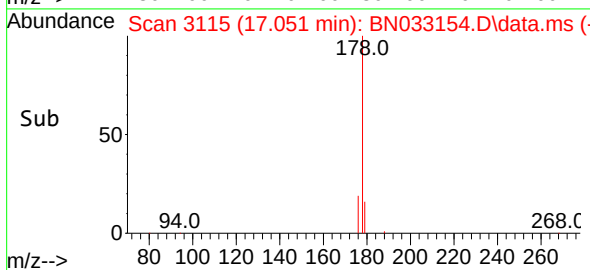
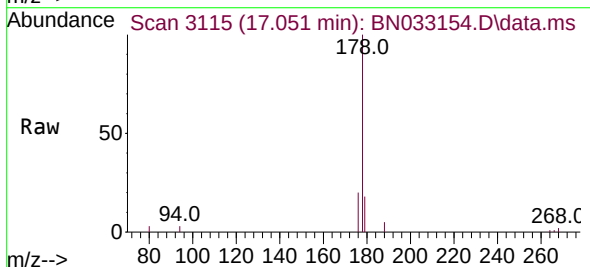
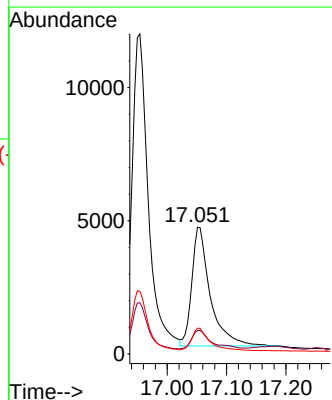
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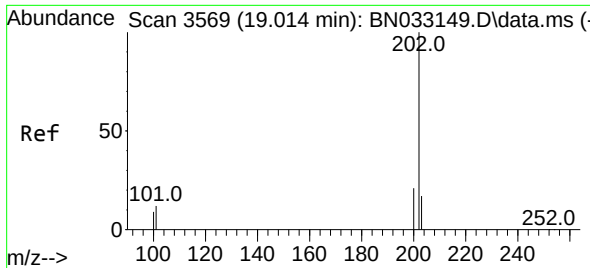
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#16
Anthracene
Concen: 0.396 ng/u1
RT: 17.051 min Scan# 3115
Delta R.T. -0.038 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

Tgt Ion:178 Resp: 9642
Ion Ratio Lower Upper
178 100
179 18.5 14.3 21.5
176 20.3 15.8 23.8





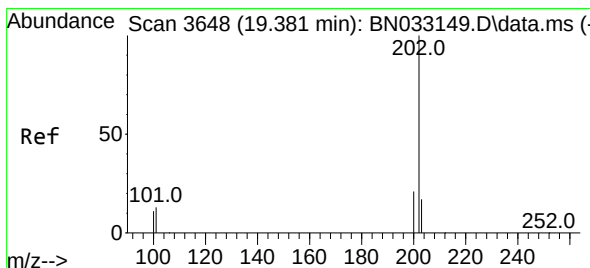
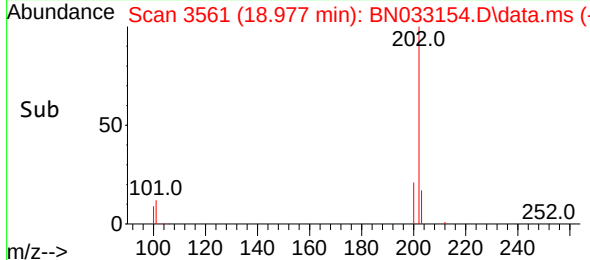
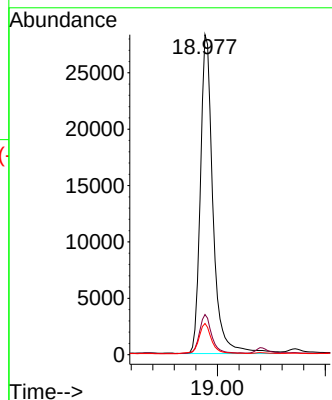
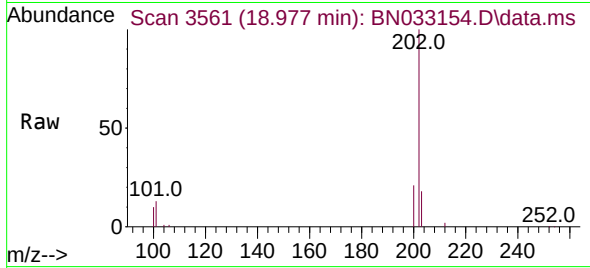
#19
Fluoranthene
Concen: 1.507 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.028 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

Instrument :
BNA_N
ClientSampleId :
A4D42MS

Tgt Ion:202 Resp: 45818
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.7 8.3 12.5

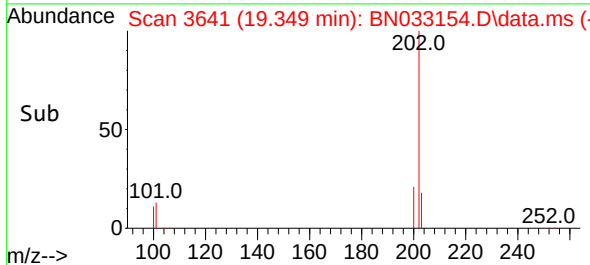
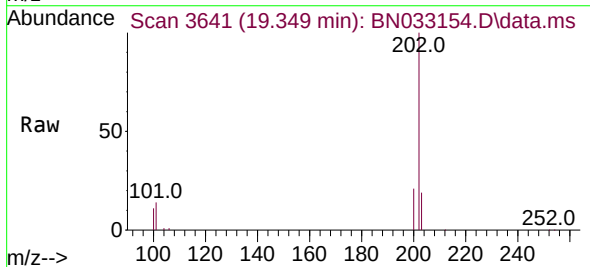
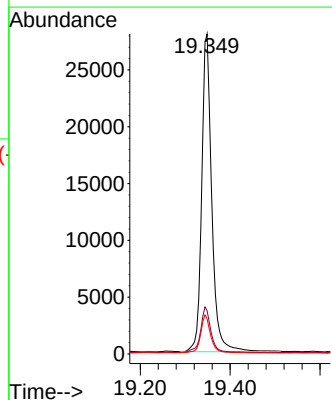
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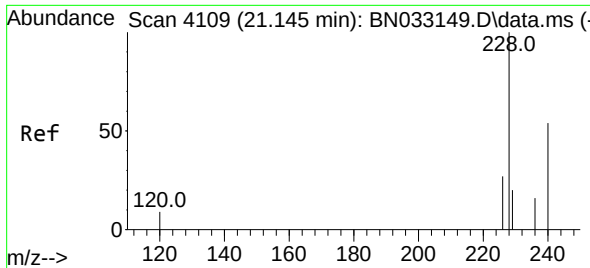
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 1.342 ng/ul
RT: 19.349 min Scan# 3641
Delta R.T. -0.023 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

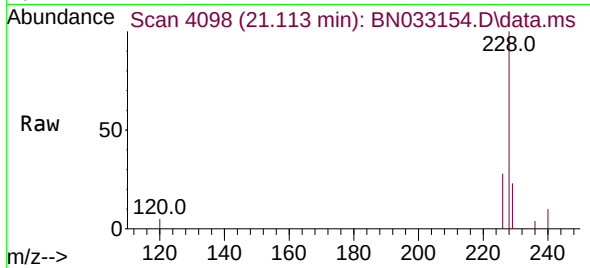
Tgt Ion:202 Resp: 43738
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 11.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.817 ng/ul
RT: 21.113 min Scan# 4109
Delta R.T. -0.023 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

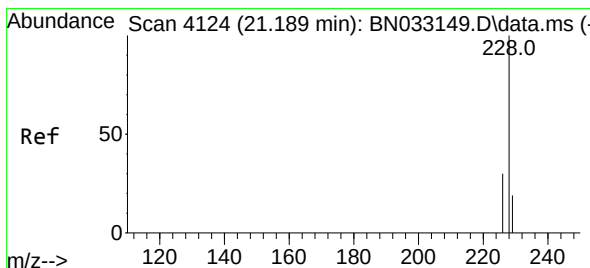
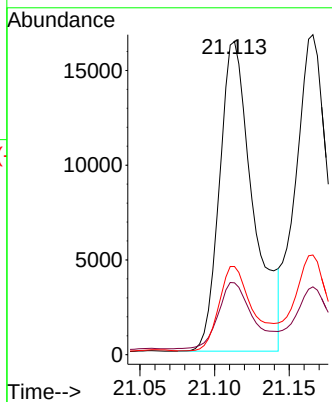
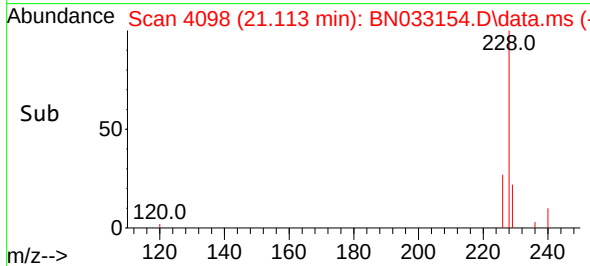
Instrument :
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ClientSampleId :
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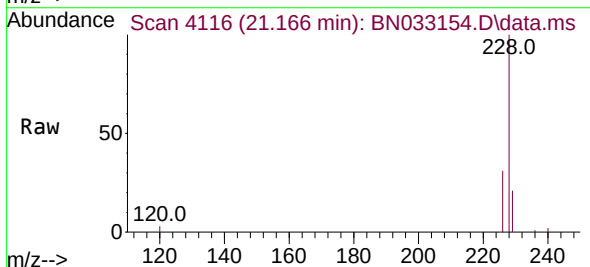
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Ion Ratio Lower Upper
228 100
229 22.9 17.1 25.7
226 28.2 22.4 33.6

Manual Integrations
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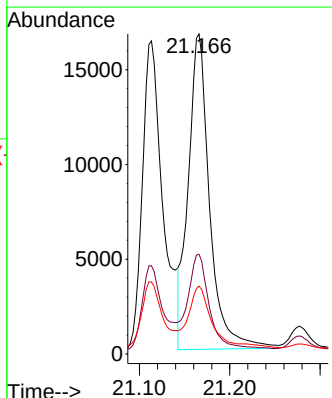
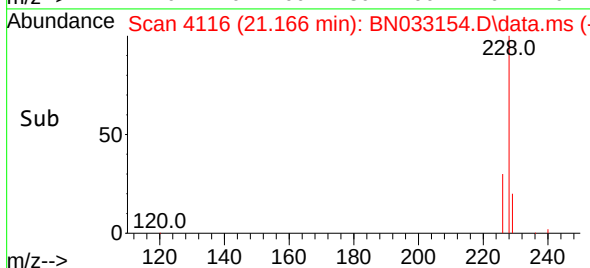
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

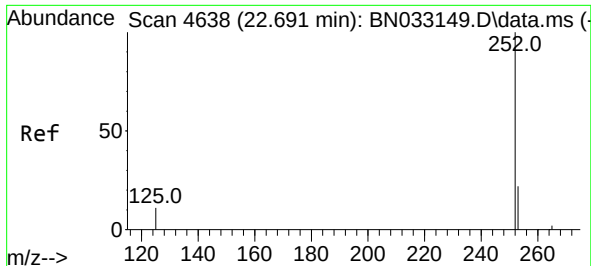


#22
Chrysene
Concen: 0.746 ng/ul
RT: 21.166 min Scan# 4116
Delta R.T. -0.023 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54



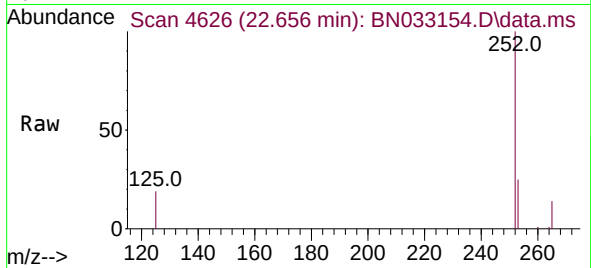
Tgt Ion:228 Resp: 27413
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 21.2 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 1.163 ng/ul
RT: 22.656 min Scan# 4626
Delta R.T. -0.026 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

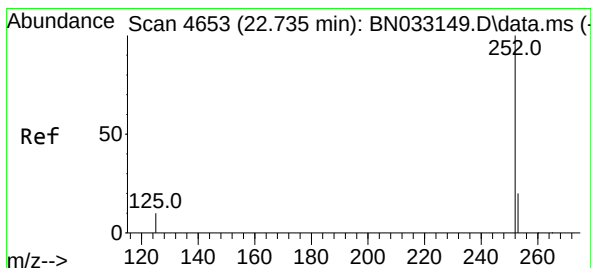
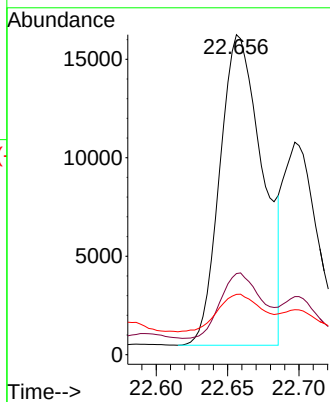
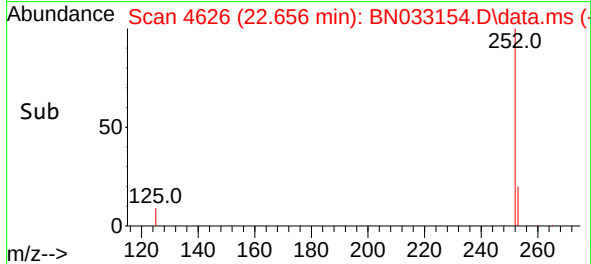
Instrument :
BNA_N
ClientSampleId :
A4D42MS



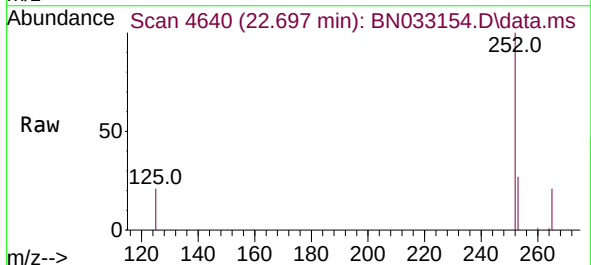
Tgt Ion:252 Resp: 32738
Ion Ratio Lower Upper
252 100
253 25.4 0.0 60.6
125 18.9 0.0 51.0

Manual Integrations
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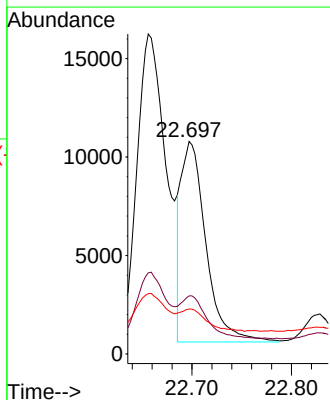
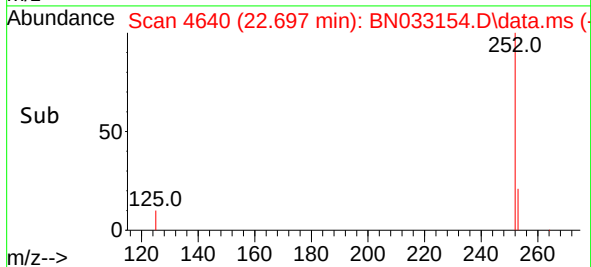
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

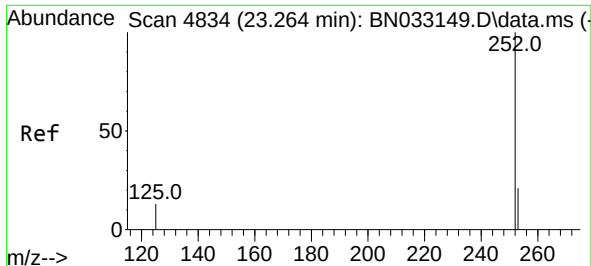


#25
Benzo(k)fluoranthene
Concen: 0.522 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.029 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54



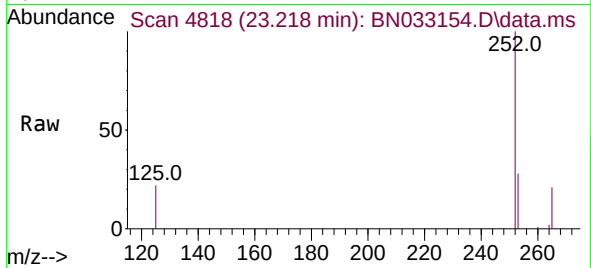
Tgt Ion:252 Resp: 17610
Ion Ratio Lower Upper
252 100
253 27.3 24.9 37.3
125 21.1 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.842 ng/ul
RT: 23.218 min Scan# 4818
Delta R.T. -0.032 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

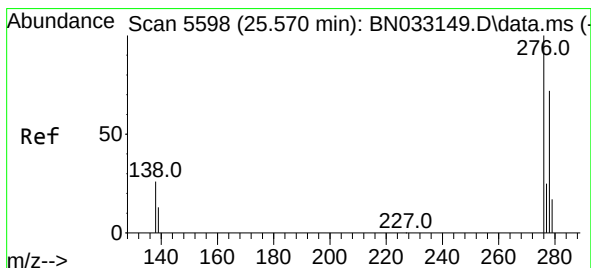
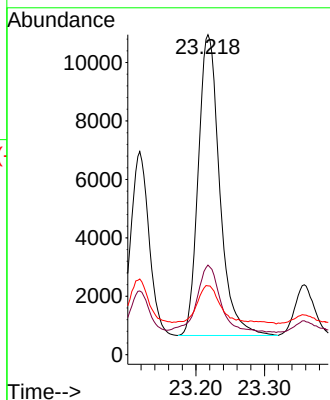
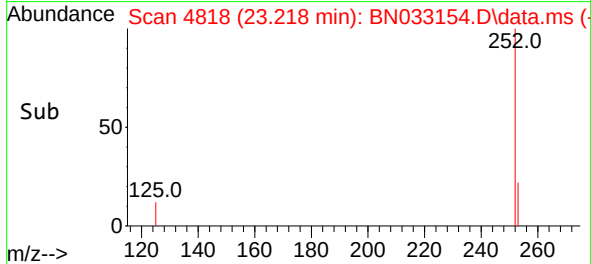
Instrument :
BNA_N
ClientSampleId :
A4D42MS



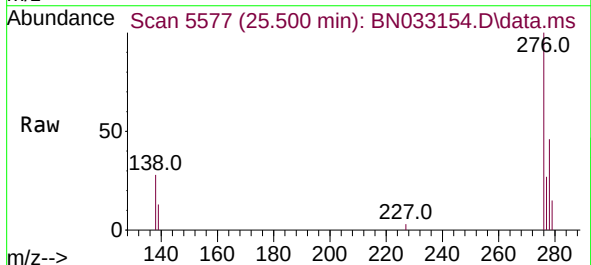
Tgt Ion:252 Resp: 2232
Ion Ratio Lower Upper
252 100
253 28.0 27.5 41.3
125 21.5 27.0 40.6

Manual Integrations
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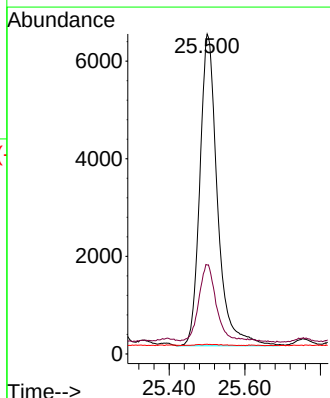
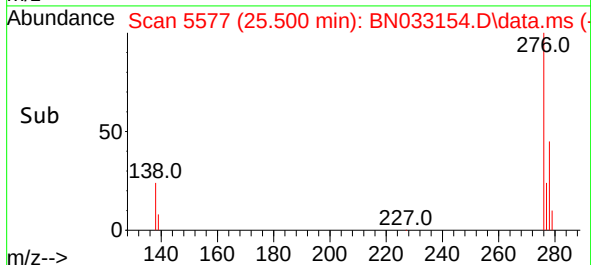
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

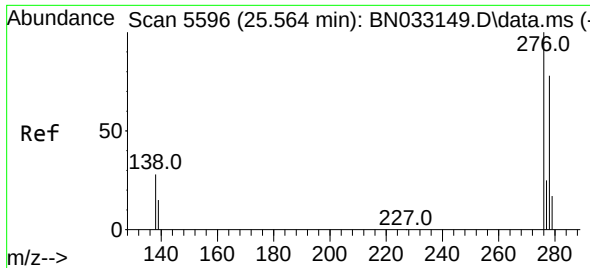


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.040 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54



Tgt Ion:276 Resp: 20666
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.8
227 0.4 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 25.494 min Scan# 5596
Delta R.T. -0.047 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

Instrument :

BNA_N

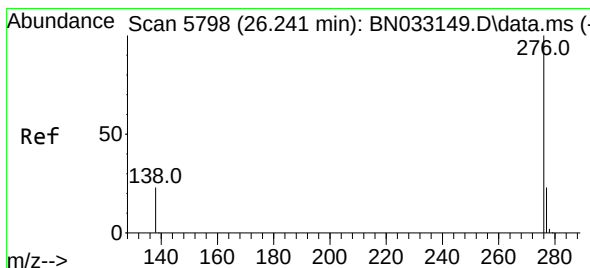
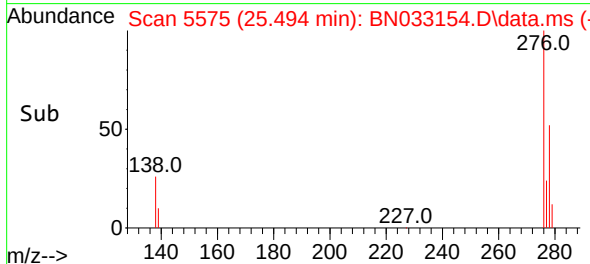
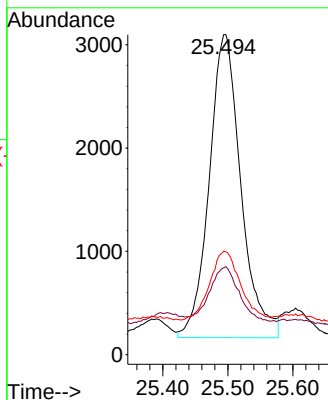
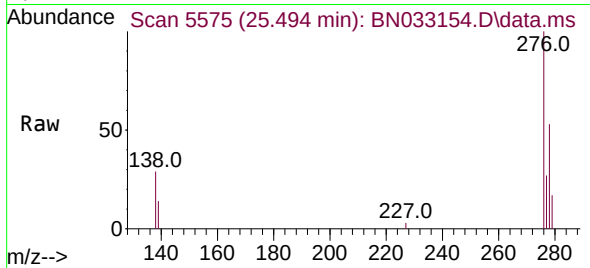
ClientSampleId :

A4D42MS

Tgt Ion:278 Resp: 997
Ion Ratio Lower Upper
278 100
139 27.1 22.5 33.7
279 32.3 25.5 38.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 26.174 min Scan# 5778
Delta R.T. -0.043 min
Lab File: BN033154.D
Acq: 01 Aug 2024 05:54

Tgt Ion:276 Resp: 18758
Ion Ratio Lower Upper
276 100
138 28.1 24.6 37.0
277 26.8 22.6 34.0

