

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033157.D
 Acq On : 01 Aug 2024 07:43
 Operator : MA/JU
 Sample : P3283-06MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CM2MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 08:12:39 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	7.499	152	2978	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.267	136	9864	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	5598	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.907	188	12136	0.400	ng/ul	-0.03
17) Chrysene-d12	21.125	240	10166	0.400	ng/ul	-0.03
23) Perylene-d12	23.305	264	10554	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1355	0.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.862	152	3557	0.221	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	8363	0.291	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.085	88	4095	0.954	ng/ul#	74
5) Naphthalene	10.311	128	7398	0.292	ng/ul	98
7) 2-Methylnaphthalene	11.939	142	4374	0.255	ng/ul	99
8) 1-Methylnaphthalene	12.159	142	4346	0.234	ng/ul	100
10) Acenaphthylene	13.865	152	8046	0.351	ng/ul	99
11) Acenaphthene	14.199	153	6036	0.350	ng/ul	100
12) Fluorene	15.207	166	5332	0.265	ng/ul	100
14) Pentachlorophenol	16.595	266	1389	0.562	ng/ul	99
15) Phenanthrene	16.945	178	26792	0.823	ng/ul	98
16) Anthracene	17.047	178	10733	0.367	ng/ul	99
19) Fluoranthene	18.977	202	56517	1.688	ng/ul	98
20) Pyrene	19.344	202	52135	1.452	ng/ul	97
21) Benzo(a)anthracene	21.110	228	28687	0.827	ng/ul	99
22) Chrysene	21.160	228	32116	0.794	ng/ul	98
24) Benzo(b)fluoranthene	22.653	252	41104m	1.333	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	22502m	0.609	ng/ul	
26) Benzo(a)pyrene	23.214	252	26276	0.906	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.493	276	26691	0.605	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.487	278	11933	0.341	ng/ul	96
29) Benzo(g,h,i)perylene	26.164	276	24526	0.700	ng/ul	96

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

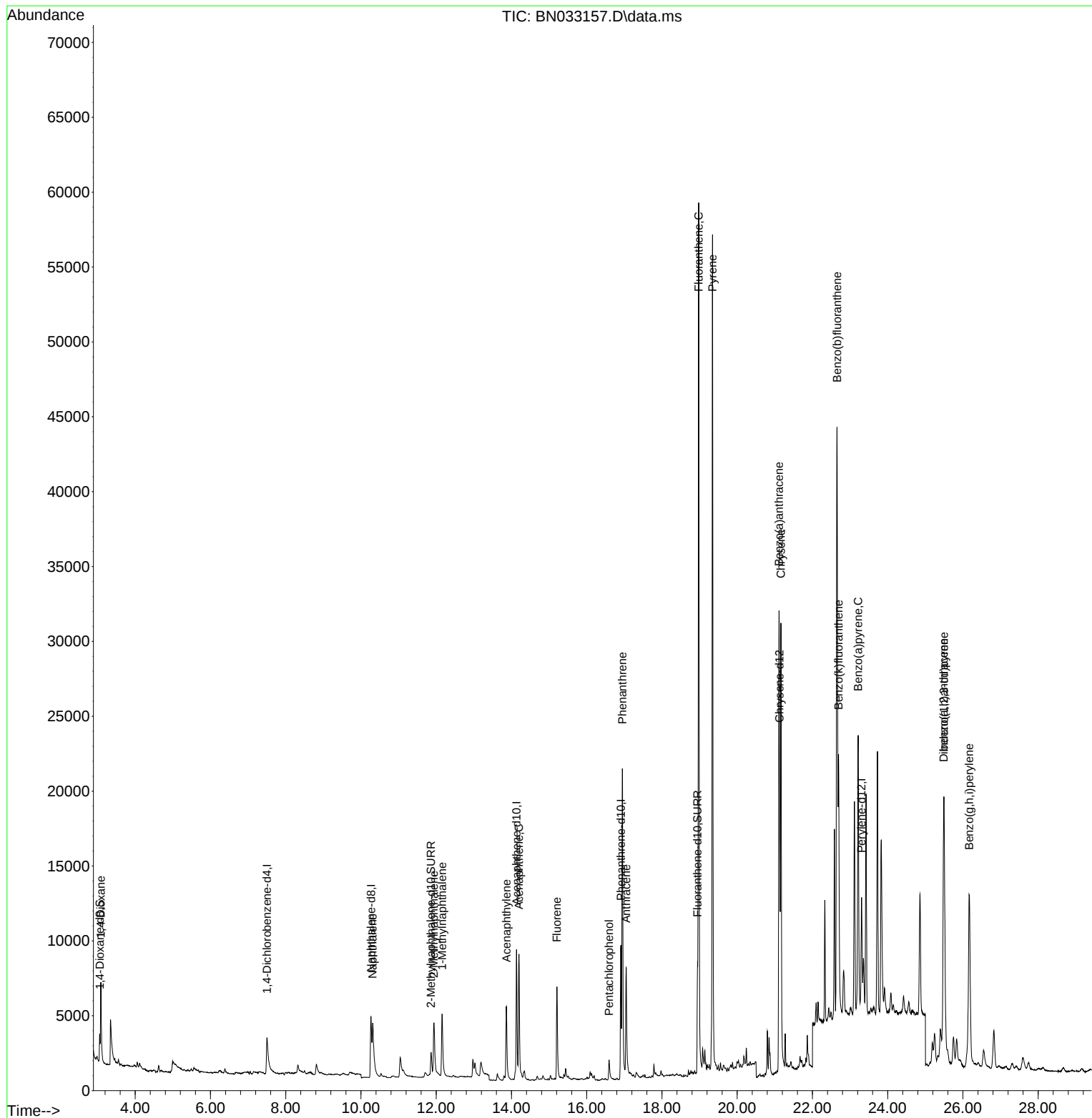
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033157.D
Acq On : 01 Aug 2024 07:43
Operator : MA/JU
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ALS Vial : 35 Sample Multiplier: 1

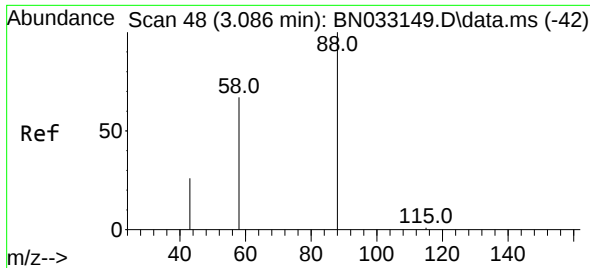
Instrument :
BNA_N
ClientSampleId :
A4CM2MS

Quant Time: Aug 01 08:12:39 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
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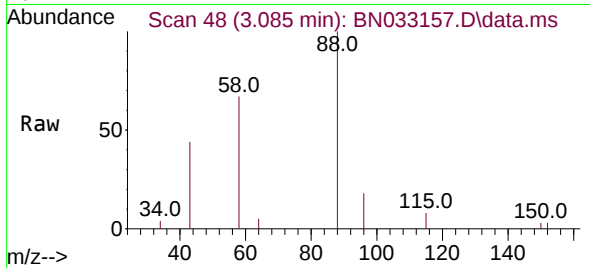
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024





#2
1,4-Dioxane
Concen: 0.954 ng/ul
RT: 3.085 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

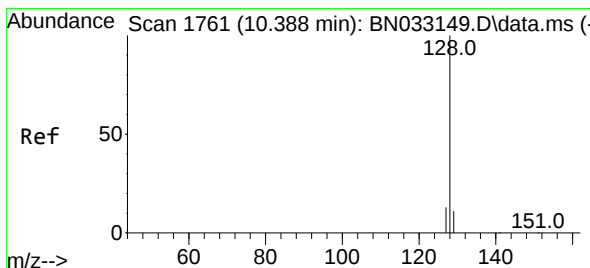
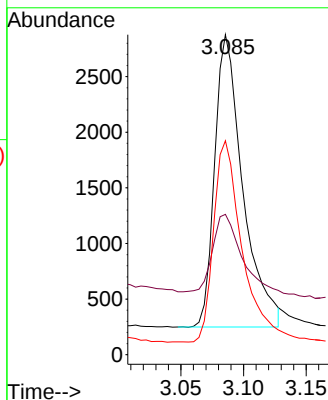
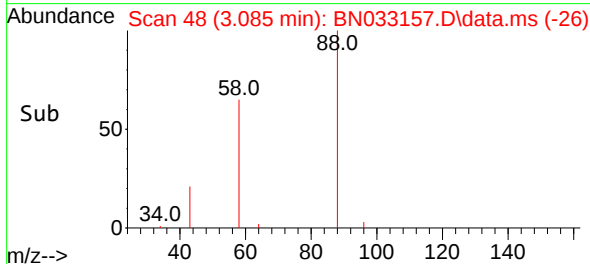
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



Tgt Ion: 88 Resp: 409
Ion Ratio Lower Upper
88 100
43 43.9 63.4 95.2
58 66.8 49.4 74.0

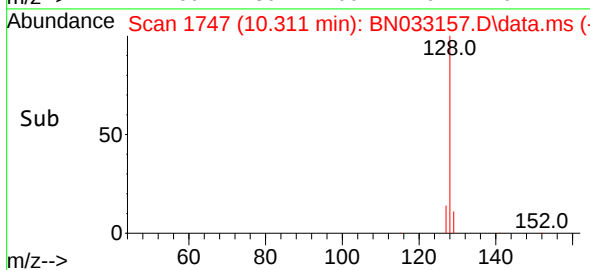
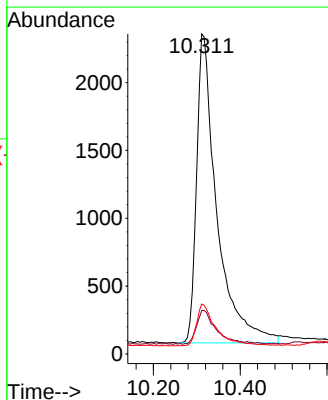
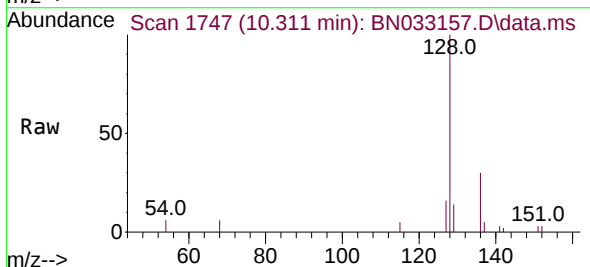
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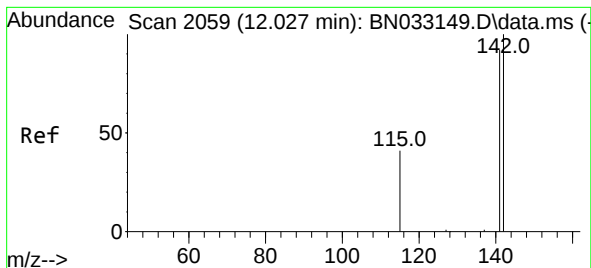
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.311 min Scan# 1747
Delta R.T. -0.066 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

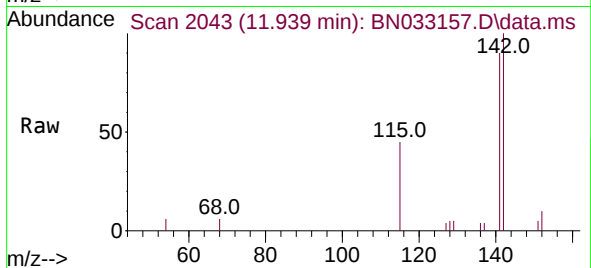
Tgt Ion:128 Resp: 7398
Ion Ratio Lower Upper
128 100
129 13.6 12.0 18.0
127 15.6 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.066 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

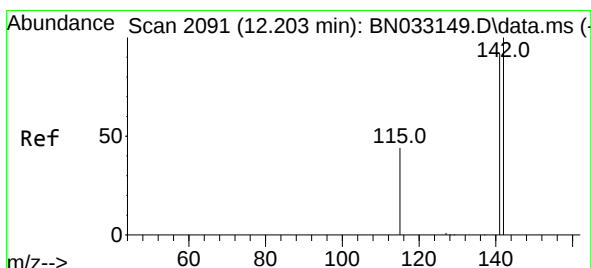
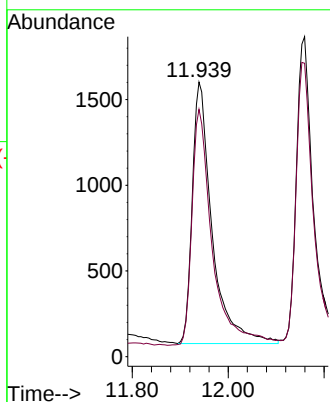
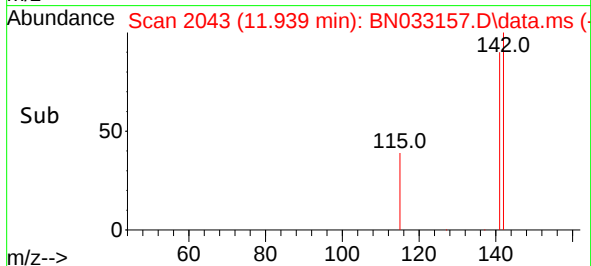
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



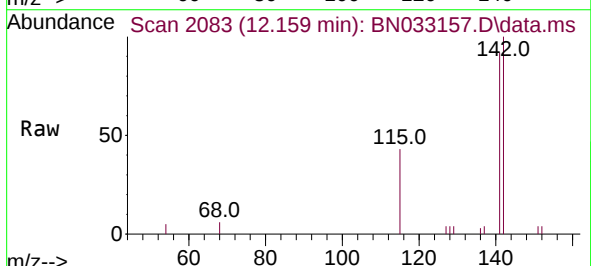
Tgt Ion:142 Resp: 4374
Ion Ratio Lower Upper
142 100
141 92.8 75.2 112.8

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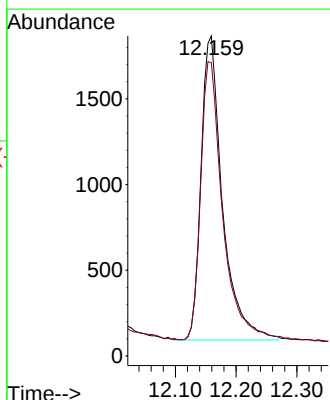
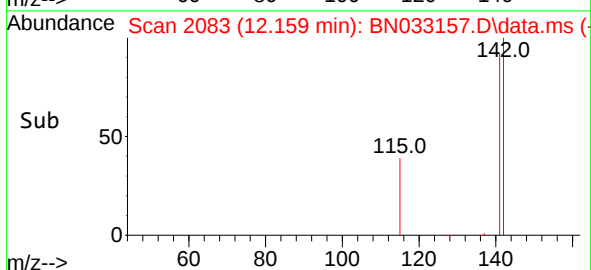
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

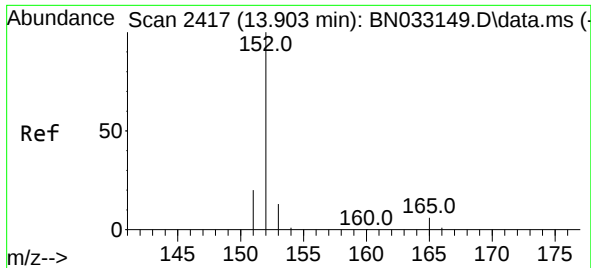


#8
1-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.159 min Scan# 2083
Delta R.T. -0.038 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43



Tgt Ion:142 Resp: 4346
Ion Ratio Lower Upper
142 100
141 93.4 74.3 111.5





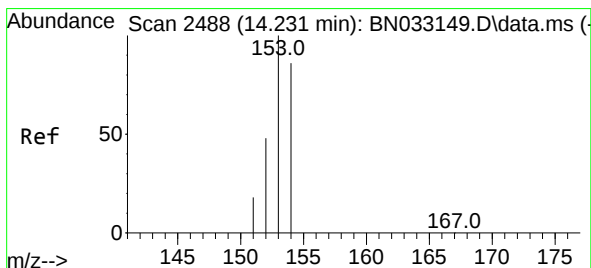
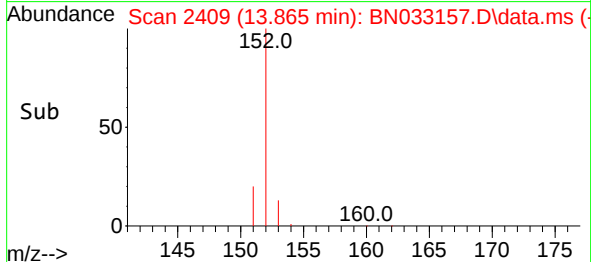
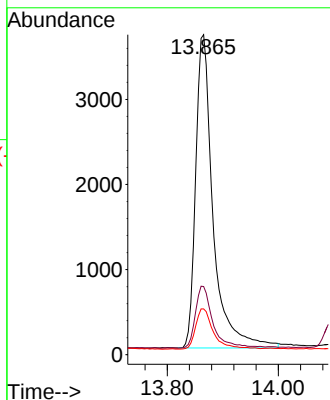
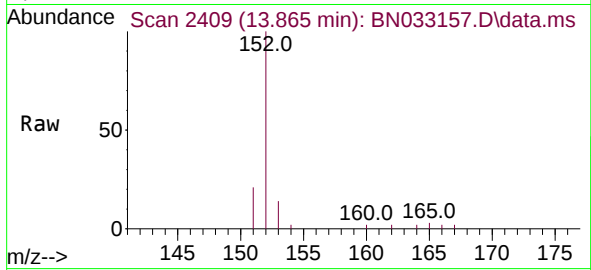
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 13.865 min Scan# 2409
Delta R.T. -0.032 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

Instrument :
BNA_N
ClientSampleId :
A4CM2MS

Tgt Ion:152 Resp: 8040
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.3 11.9 17.9

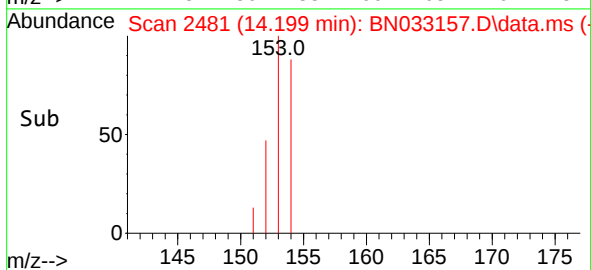
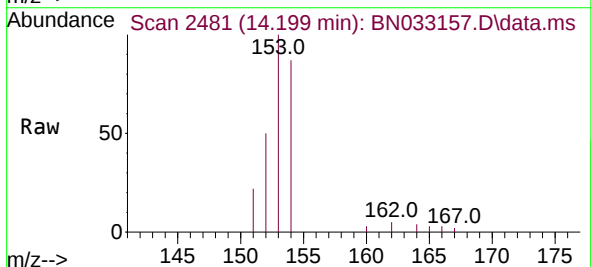
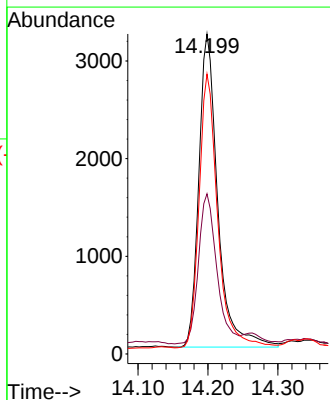
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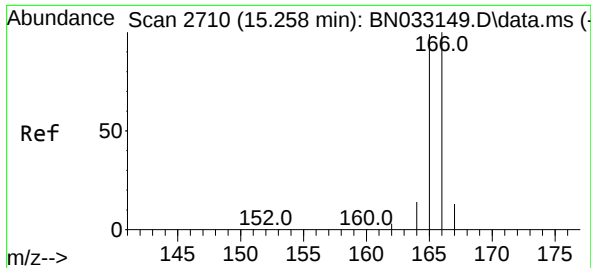
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.028 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

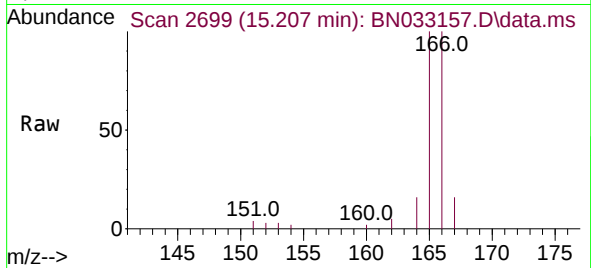
Tgt Ion:153 Resp: 6036
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 87.5 70.1 105.1





#12
Fluorene
Concen: 0.265 ng/ul
RT: 15.207 min Scan# 207
Delta R.T. -0.042 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

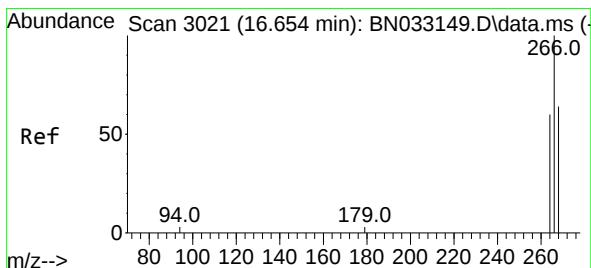
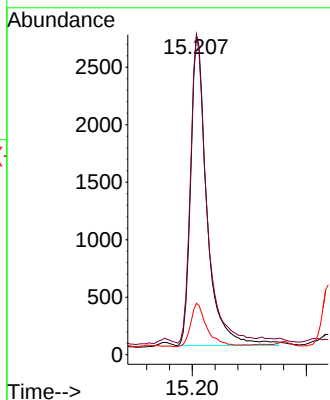
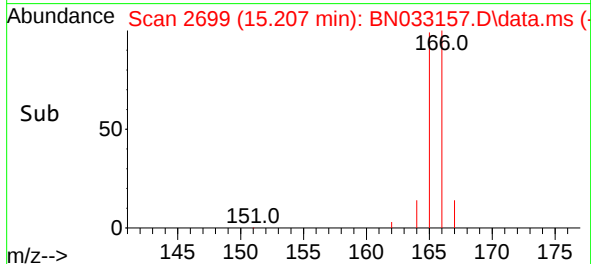
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



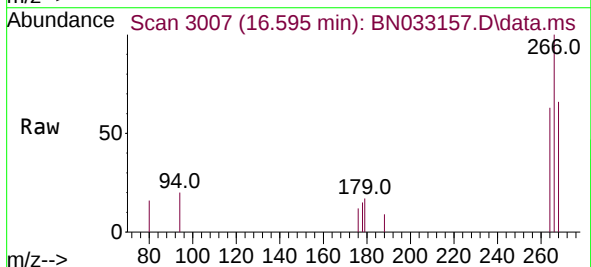
Tgt Ion:166 Resp: 533
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 16.1 12.2 18.4

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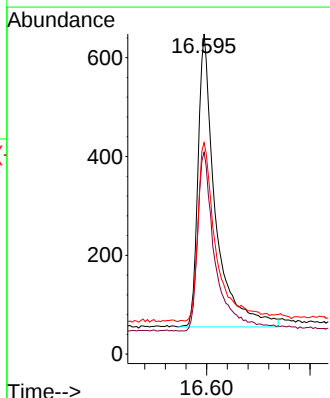
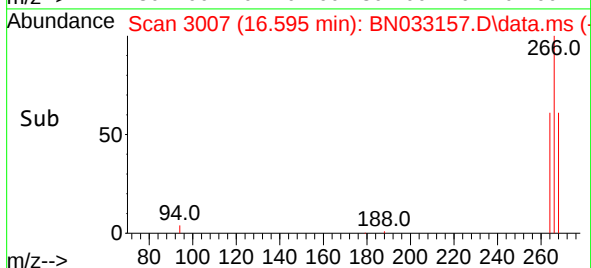
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

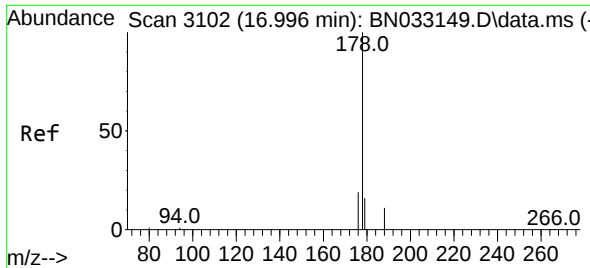


#14
Pentachlorophenol
Concen: 0.562 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.046 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43



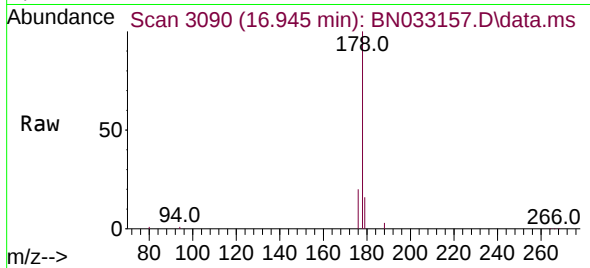
Tgt Ion:266 Resp: 1389
Ion Ratio Lower Upper
266 100
264 62.8 49.3 73.9
268 65.5 51.8 77.8





#15
Phenanthrene
Concen: 0.823 ng/ul
RT: 16.945 min Scan# 3090
Delta R.T. -0.038 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

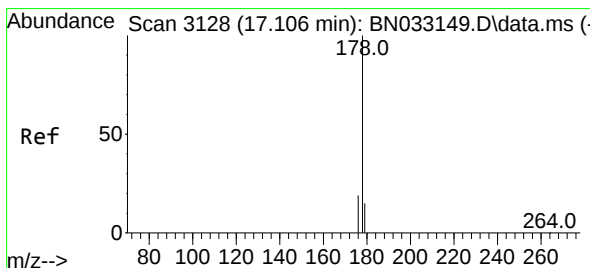
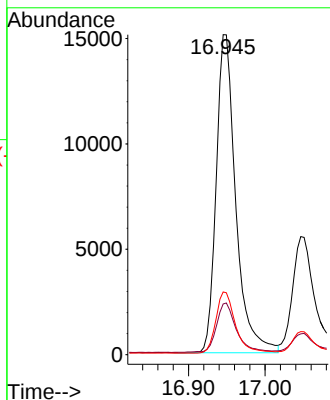
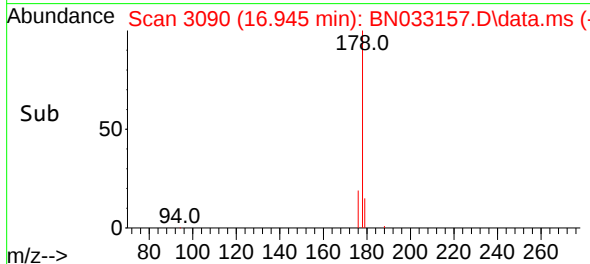
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



Tgt Ion:178 Resp: 26792
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 19.6 15.9 23.9

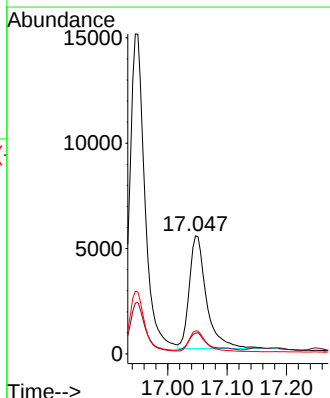
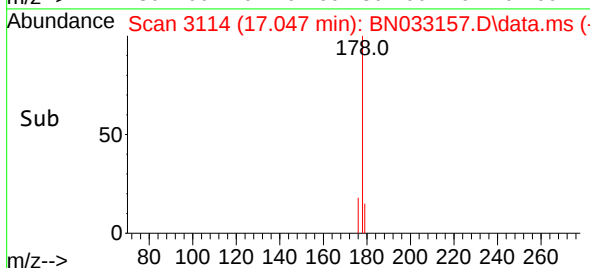
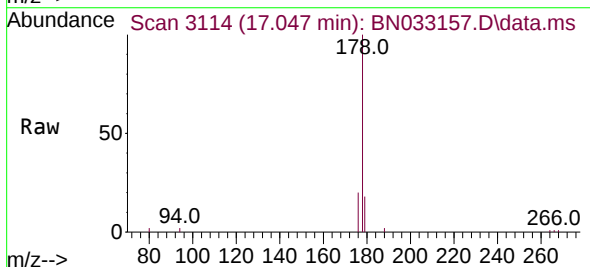
Manual Integrations
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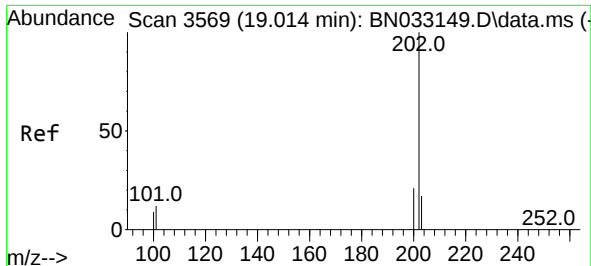
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.047 min Scan# 3114
Delta R.T. -0.042 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

Tgt Ion:178 Resp: 10733
Ion Ratio Lower Upper
178 100
179 17.6 14.3 21.5
176 19.5 15.8 23.8





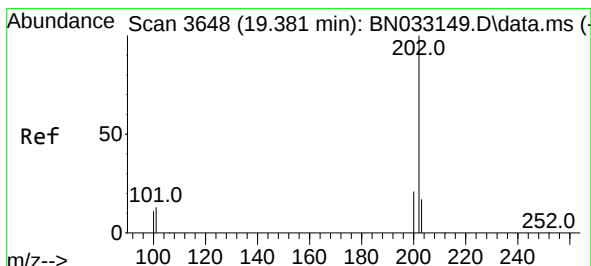
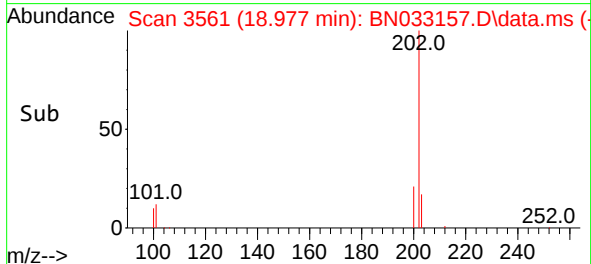
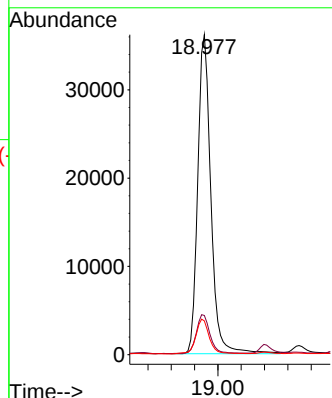
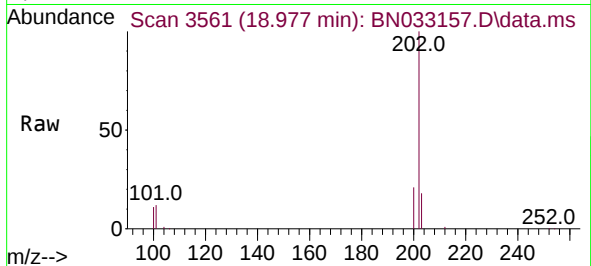
#19
Fluoranthene
Concen: 1.688 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.028 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

Instrument :
BNA_N
ClientSampleId :
A4CM2MS

Tgt Ion:202 Resp: 5651
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 10.5 8.3 12.5

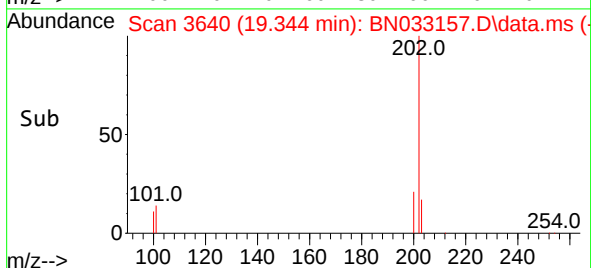
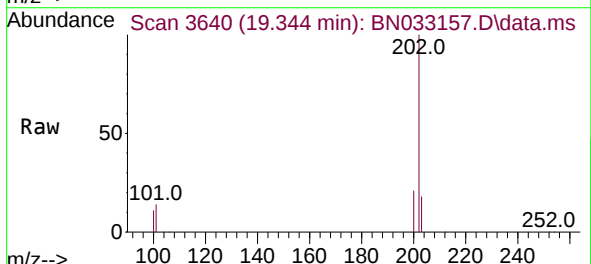
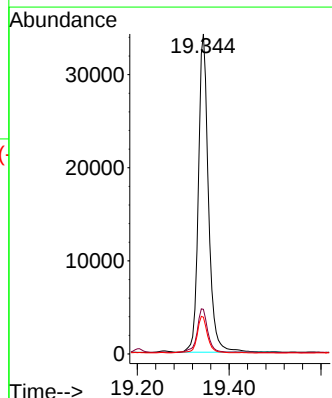
Manual Integrations
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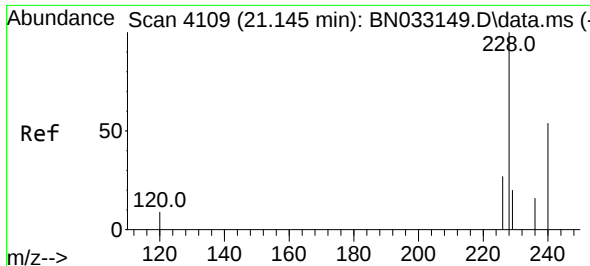
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 1.452 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.028 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

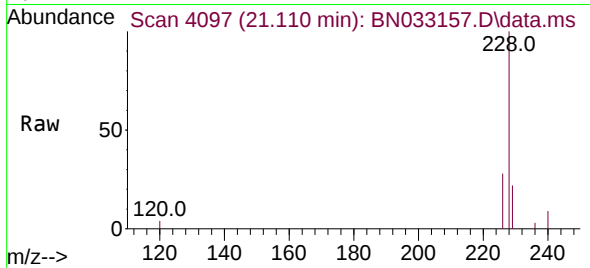
Tgt Ion:202 Resp: 52135
Ion Ratio Lower Upper
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101 14.0 12.6 18.8
100 11.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.827 ng/ul
RT: 21.110 min Scan# 4109
Delta R.T. -0.026 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

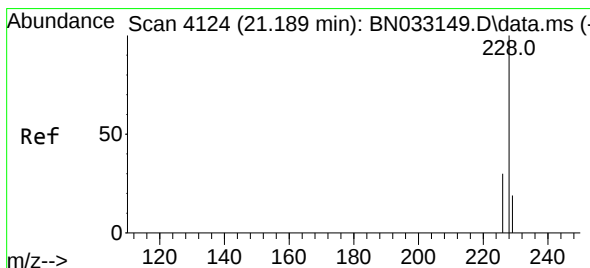
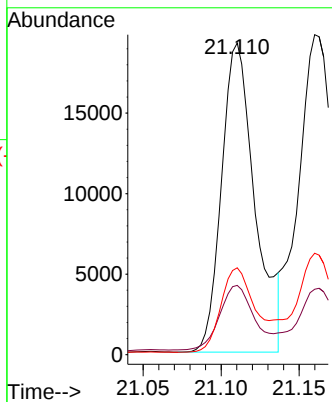
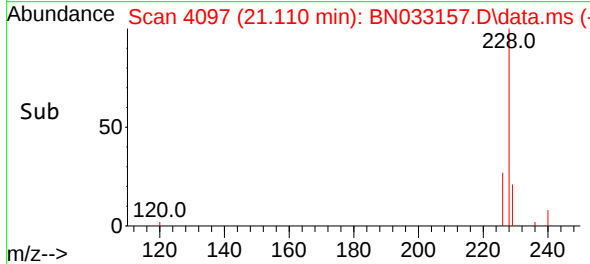
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



Tgt Ion:228 Resp: 2868
Ion Ratio Lower Upper
228 100
229 22.2 17.1 25.7
226 27.9 22.4 33.6

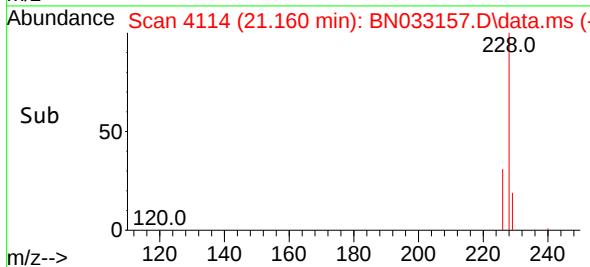
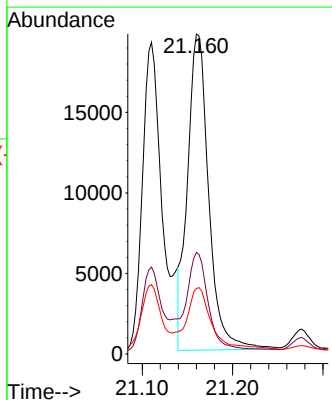
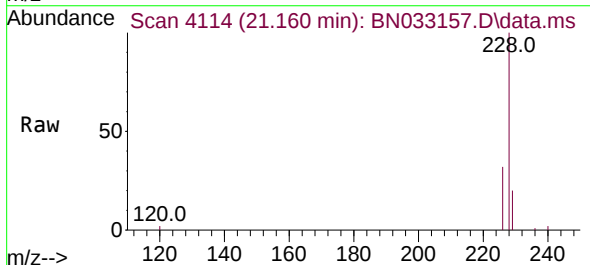
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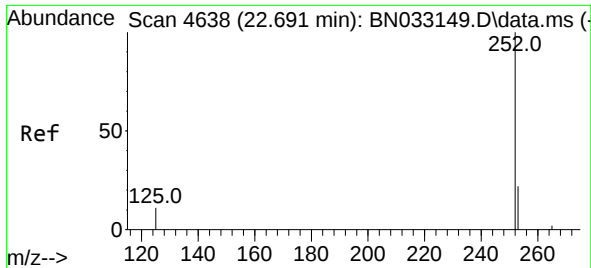
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 0.794 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. -0.029 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

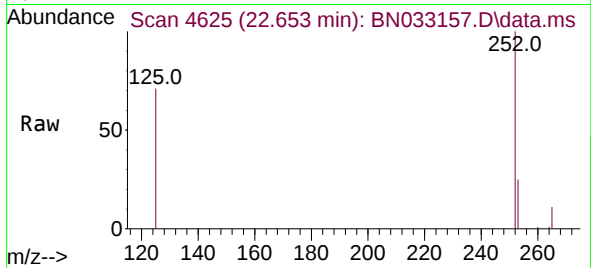
Tgt Ion:228 Resp: 32116
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 20.5 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 1.333 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.029 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

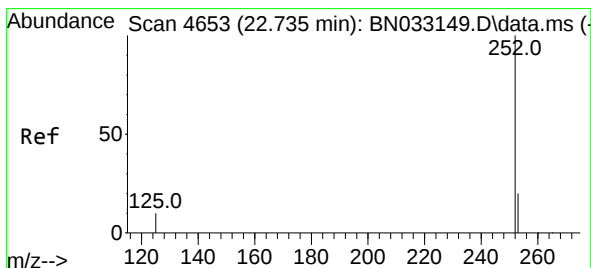
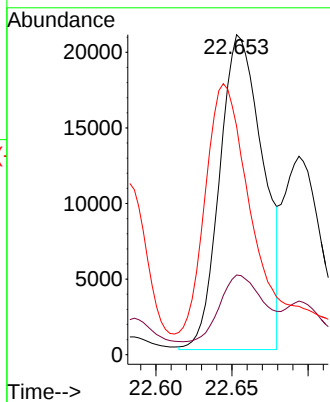
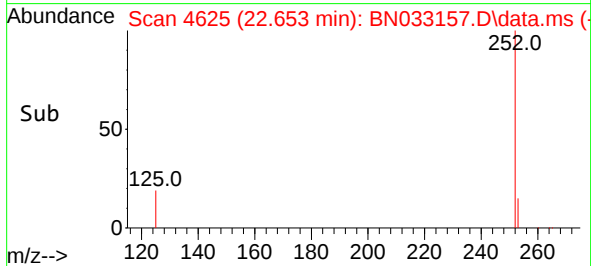
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



Tgt Ion:252 Resp: 41104
Ion Ratio Lower Upper
252 100
253 24.9 0.0 60.6
125 71.4 0.0 51.0

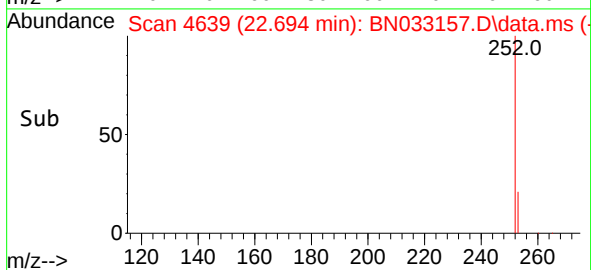
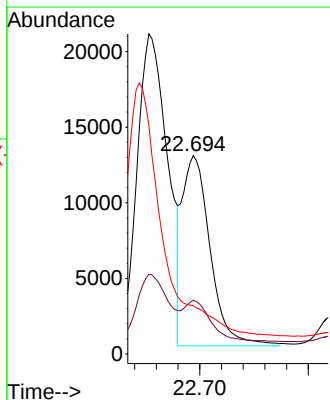
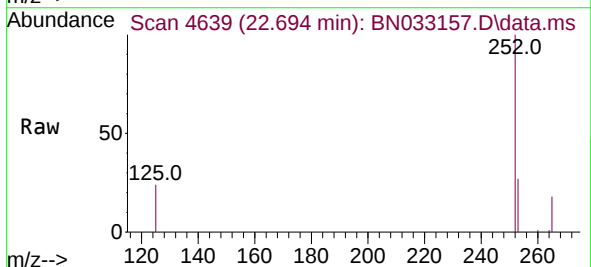
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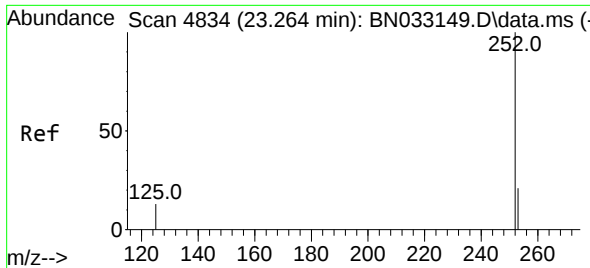
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.609 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.032 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

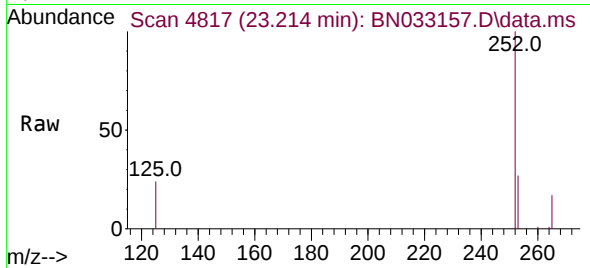
Tgt Ion:252 Resp: 22502
Ion Ratio Lower Upper
252 100
253 27.0 24.9 37.3
125 24.3 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.906 ng/ul
RT: 23.214 min Scan# 4817
Delta R.T. -0.035 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

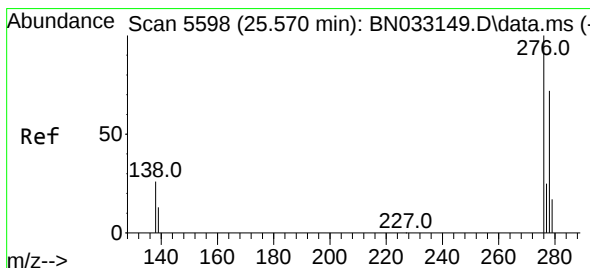
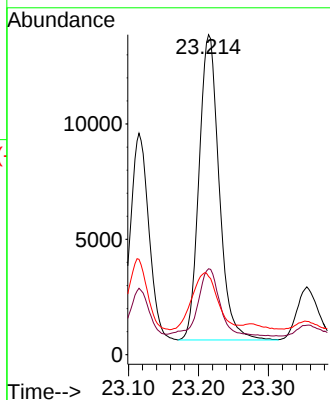
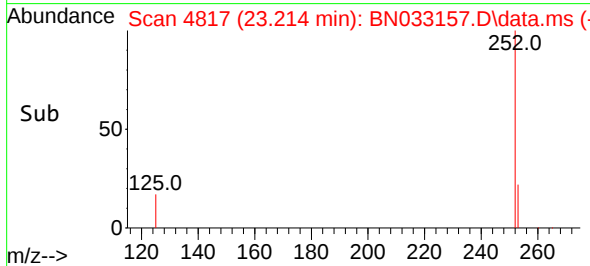
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



Tgt Ion:252 Resp: 26270
Ion Ratio Lower Upper
252 100
253 26.9 27.5 41.3
125 24.5 27.0 40.6

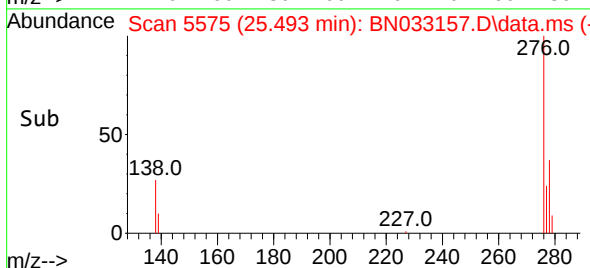
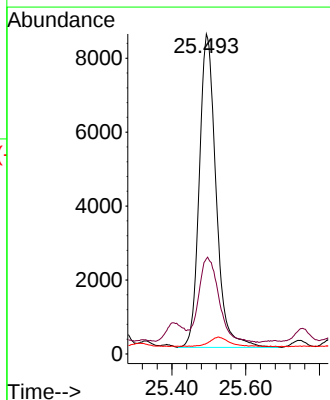
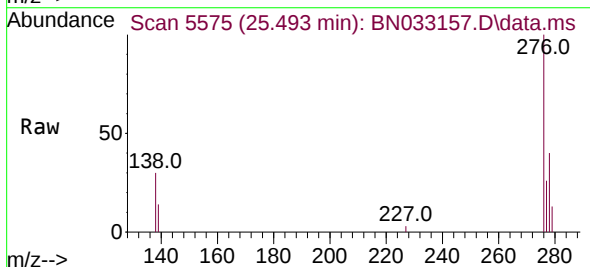
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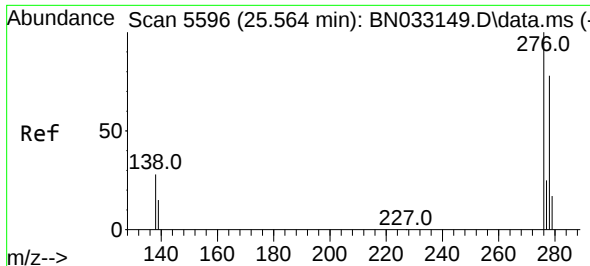
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.605 ng/ul
RT: 25.493 min Scan# 5575
Delta R.T. -0.047 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

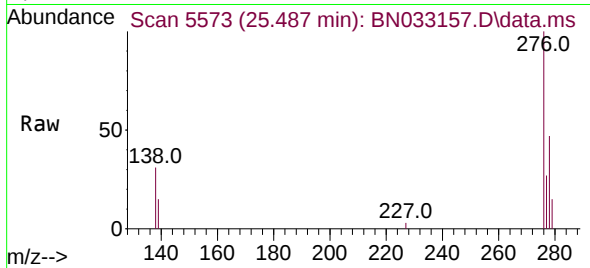
Tgt Ion:276 Resp: 26691
Ion Ratio Lower Upper
276 100
138 32.6 21.8 32.8
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 25.487 min Scan# 5193
Delta R.T. -0.054 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43

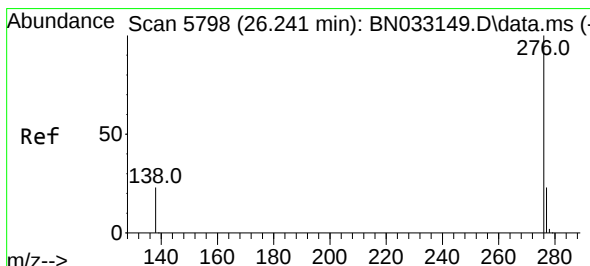
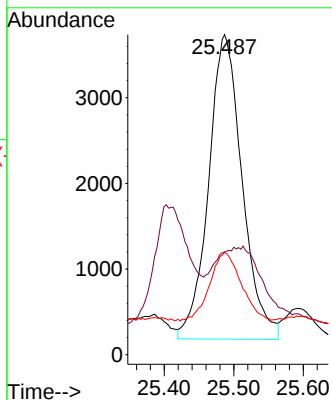
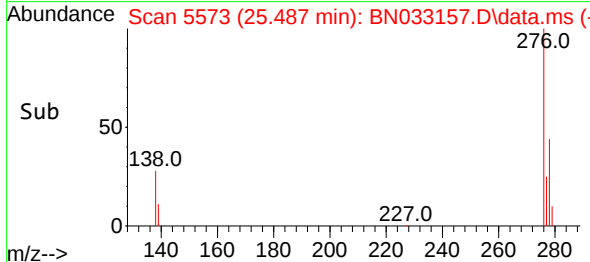
Instrument :
BNA_N
ClientSampleId :
A4CM2MS



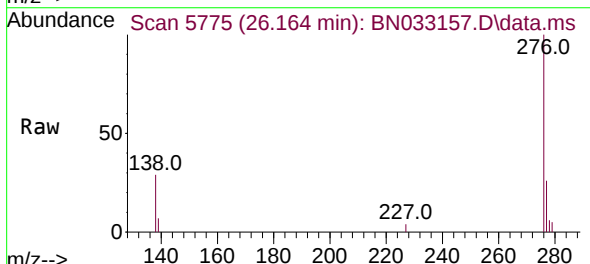
Tgt Ion:278 Resp: 1193
Ion Ratio Lower Upper
278 100
139 32.1 22.5 33.7
279 32.0 25.5 38.3

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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: 0.700 ng/ul
RT: 26.164 min Scan# 5775
Delta R.T. -0.054 min
Lab File: BN033157.D
Acq: 01 Aug 2024 07:43



Tgt Ion:276 Resp: 24526
Ion Ratio Lower Upper
276 100
138 28.6 24.6 37.0
277 26.2 22.6 34.0

