

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
 Data File : BN031548.D
 Acq On : 16 May 2024 13:42
 Operator : MA/JU
 Sample : P2321-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0Y32

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 14:25:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 12:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	13473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	44371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.332	164	24496	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.075	188	58326	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	44995	0.400	ng/ul	0.00
23) Perylene-d12	23.494	264	30124m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	50611	3.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	12855	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.110	212	32336	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.530	128	223870	1.886	ng/ul	100
7) 2-Methylnaphthalene	12.147	142	9822	0.131	ng/ul	100
8) 1-Methylnaphthalene	12.367	142	31903	0.403	ng/ul	100
10) Acenaphthylene	14.054	152	19125	0.172	ng/ul	97
11) Acenaphthene	14.396	153	80520	0.951	ng/ul	99
12) Fluorene	15.386	166	85397	0.909	ng/ul	98
15) Phenanthrene	17.117	178	302067	1.770	ng/ul	100
16) Anthracene	17.210	178	54898	0.381	ng/ul	99
19) Fluoranthene	19.138	202	396708	2.371	ng/ul	99
20) Pyrene	19.501	202	321890	1.944	ng/ul	99
21) Benzo(a)anthracene	21.243	228	126921	0.815	ng/ul	95
22) Chrysene	21.296	228	127351	0.757	ng/ul	98
24) Benzo(b)fluoranthene	22.824	252	153677m	1.386	ng/ul	
25) Benzo(k)fluoranthene	22.859	252	64115m	0.534	ng/ul	
26) Benzo(a)pyrene	23.397	252	97773	1.006	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.750	276	67993	0.602	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.757	278	14478	0.162	ng/ul#	89
29) Benzo(g,h,i)perylene	26.441	276	68054	0.749	ng/ul	100

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

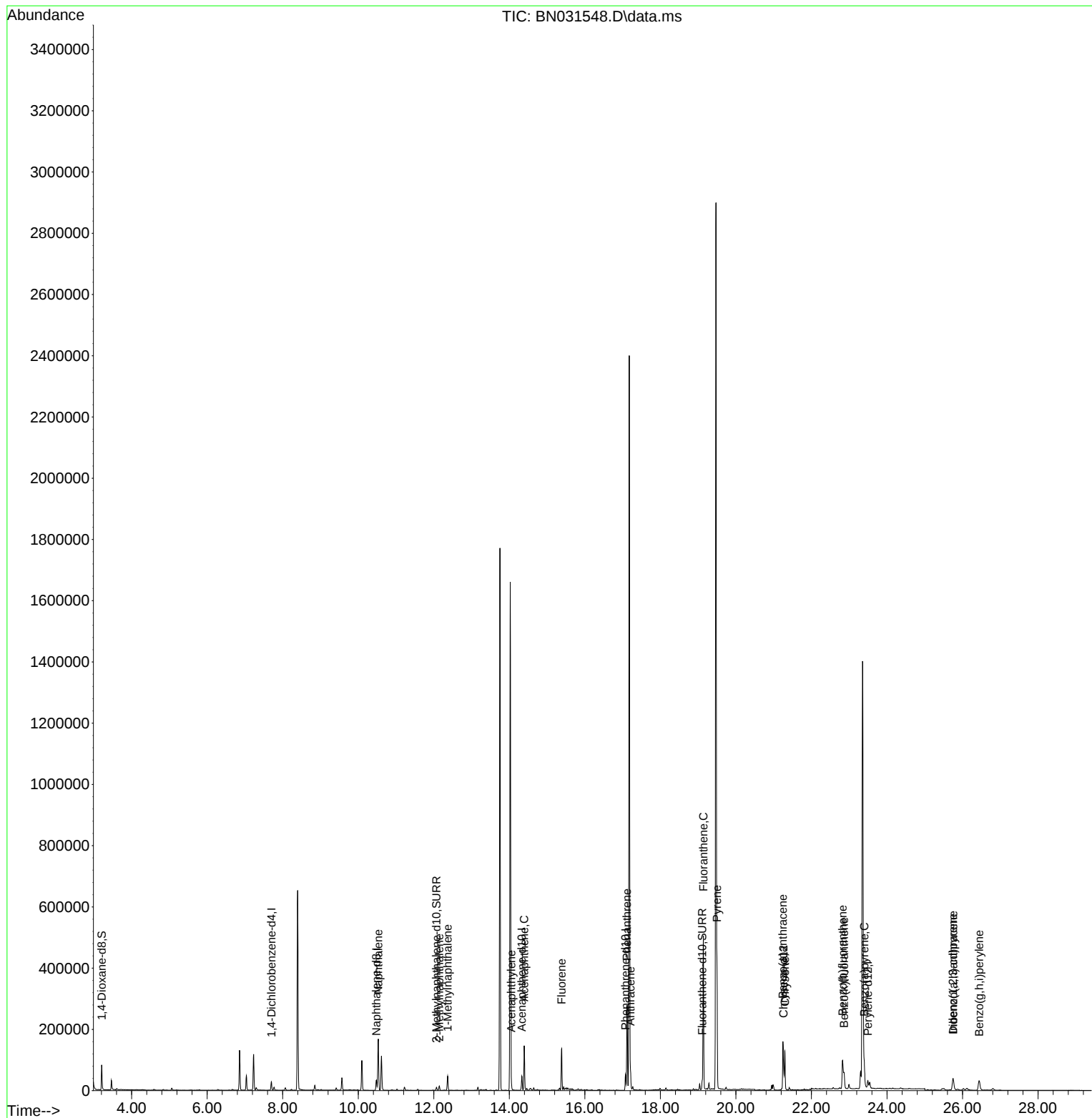
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
Data File : BN031548.D
Acq On : 16 May 2024 13:42
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ALS Vial : 7 Sample Multiplier: 1

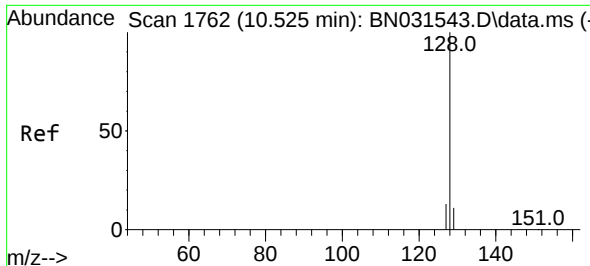
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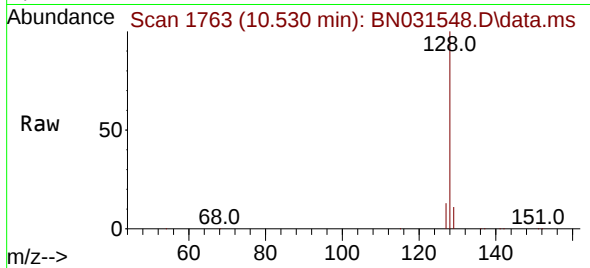
Quant Time: May 16 14:25:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 12:57:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.886 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

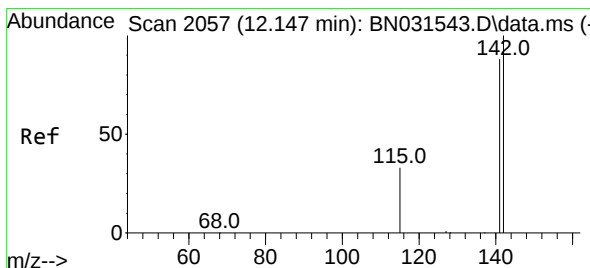
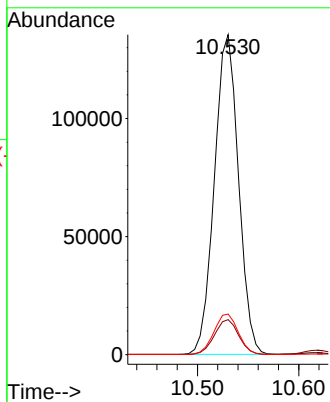
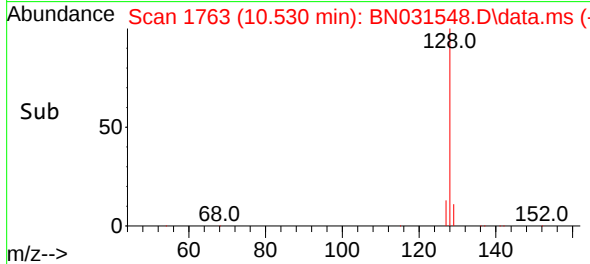
Instrument :
BNA_N
ClientSampleId :
E0Y32



Tgt Ion:128 Resp: 223870
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.4 15.6

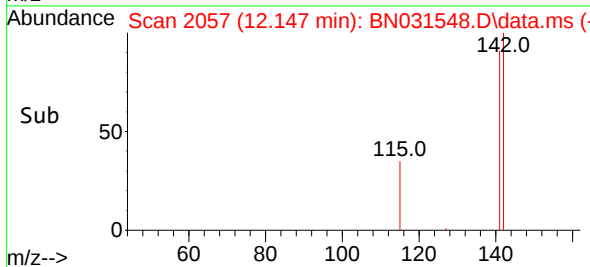
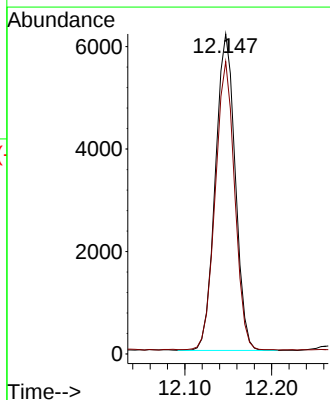
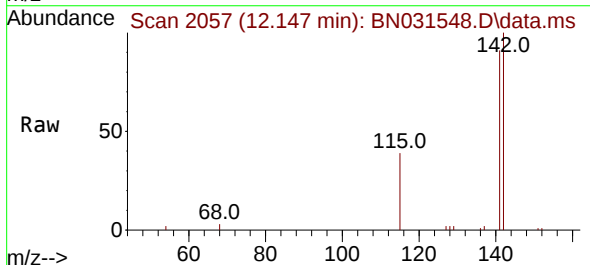
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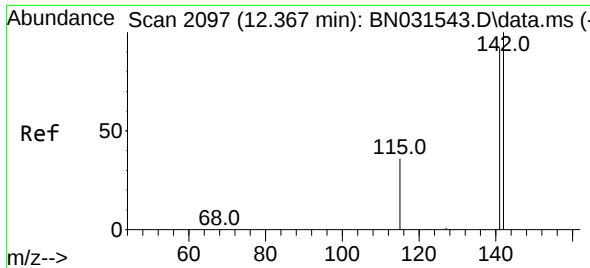
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.147 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

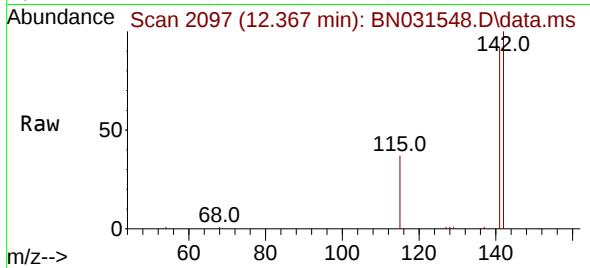
Tgt Ion:142 Resp: 9822
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

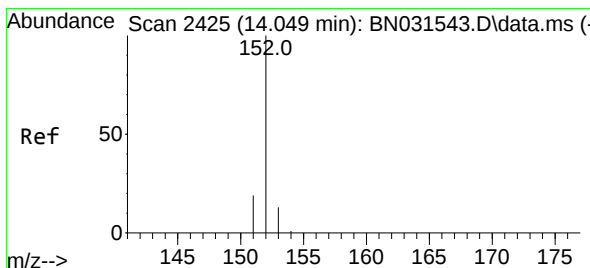
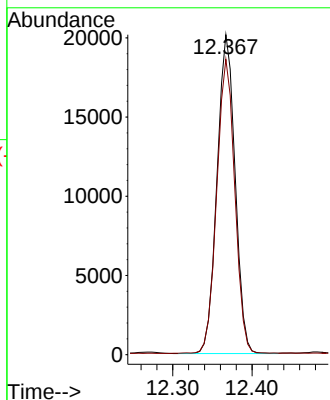
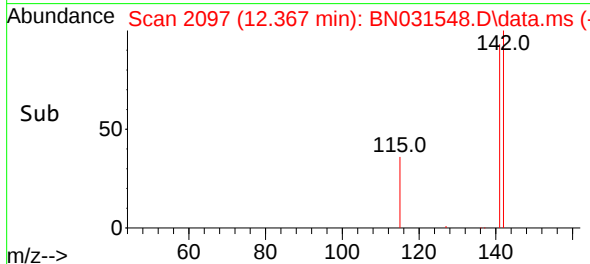
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3190
Ion Ratio Lower Upper
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141 92.1 73.4 110.2

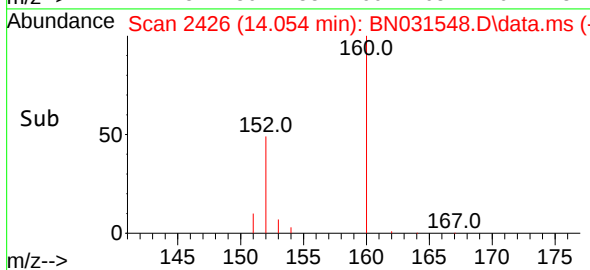
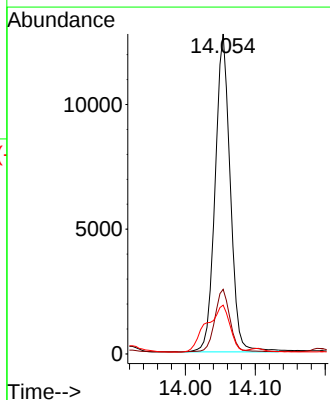
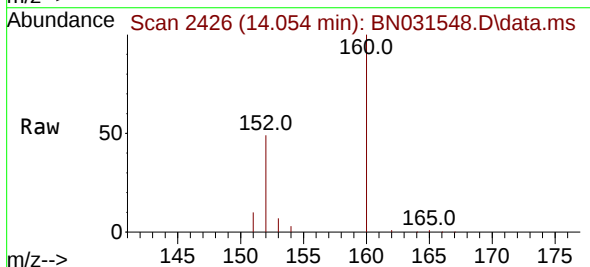
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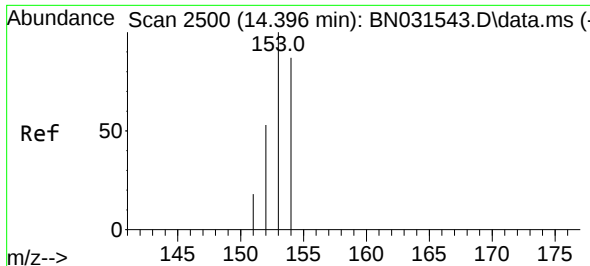
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#10
Acenaphthylene
Concen: 0.172 ng/ul
RT: 14.054 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

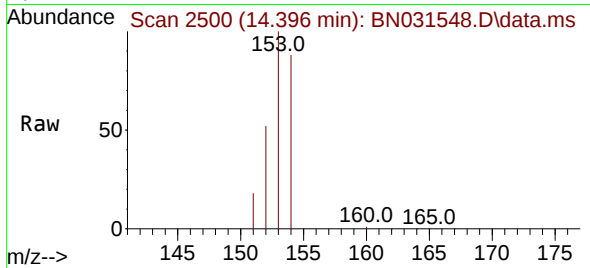
Tgt Ion:152 Resp: 19125
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 15.2 10.5 15.7





#11
Acenaphthene
Concen: 0.951 ng/ul
RT: 14.396 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

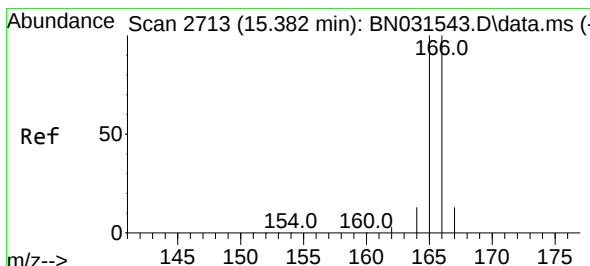
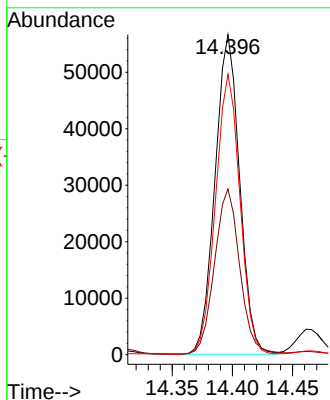
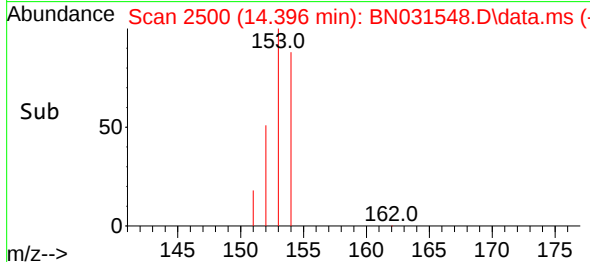
Instrument :
BNA_N
ClientSampleId :
E0Y32



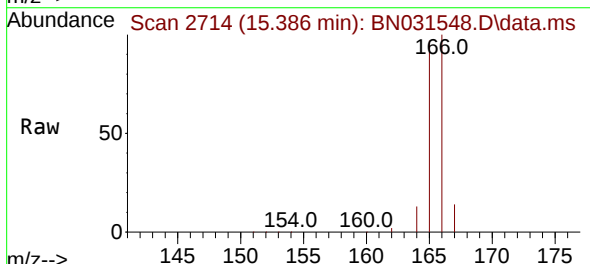
Tgt Ion:153 Resp: 80520
Ion Ratio Lower Upper
153 100
152 51.8 42.6 64.0
154 87.6 70.0 105.0

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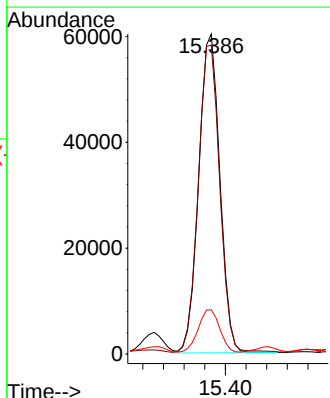
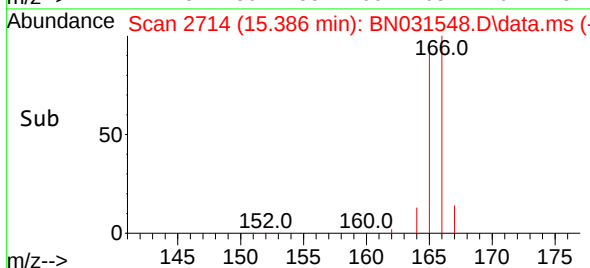
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

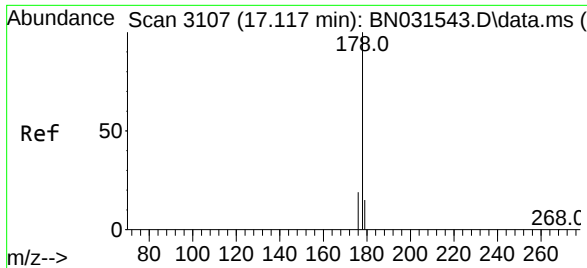


#12
Fluorene
Concen: 0.909 ng/ul
RT: 15.386 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42



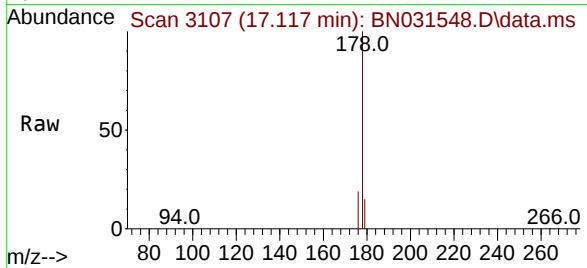
Tgt Ion:166 Resp: 85397
Ion Ratio Lower Upper
166 100
165 96.5 78.6 117.8
167 13.8 10.9 16.3





#15
Phenanthrene
Concen: 1.770 ng/ul
RT: 17.117 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

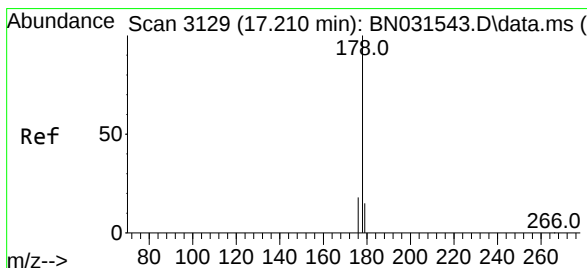
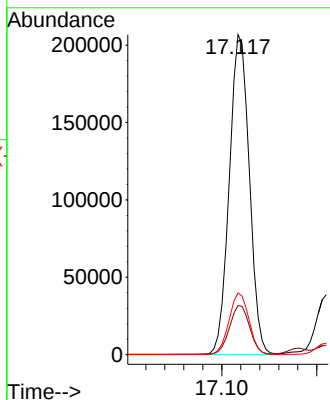
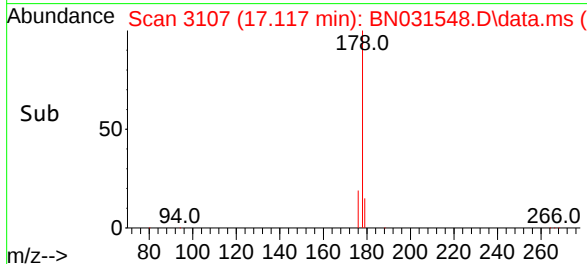
Instrument :
BNA_N
ClientSampleId :
E0Y32



Tgt Ion:178 Resp: 30206
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.3 15.4 23.0

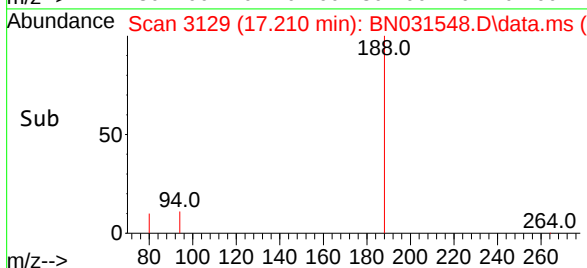
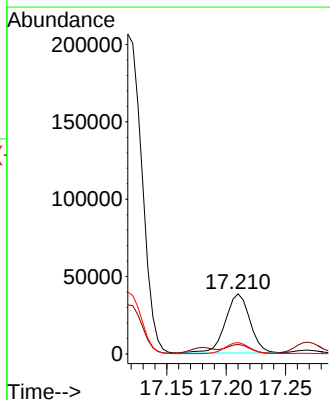
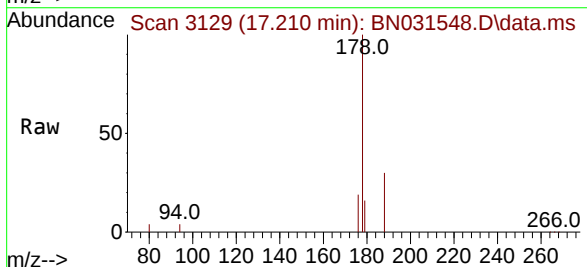
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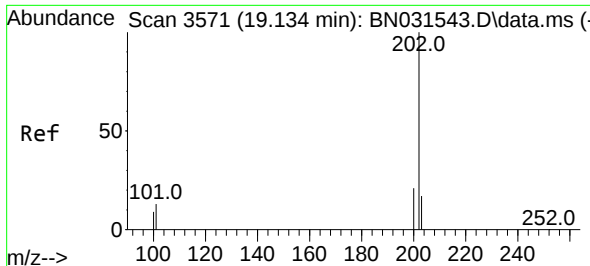
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.210 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

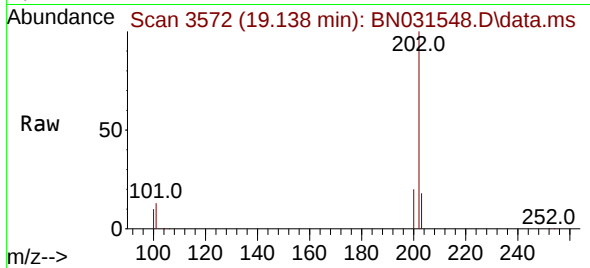
Tgt Ion:178 Resp: 54898
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.9 14.9 22.3





#19
Fluoranthene
Concen: 2.371 ng/ul
RT: 19.138 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

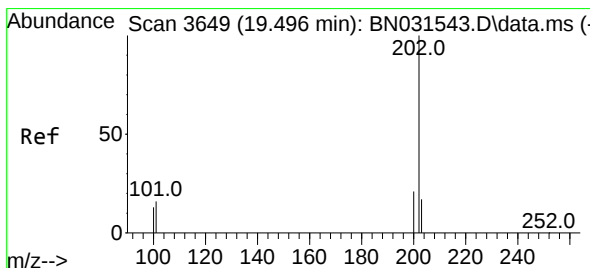
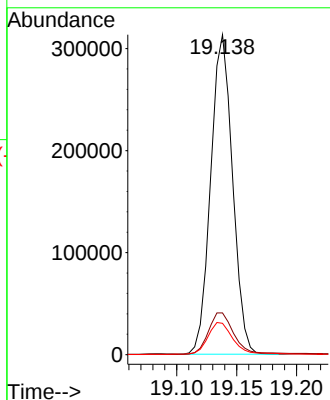
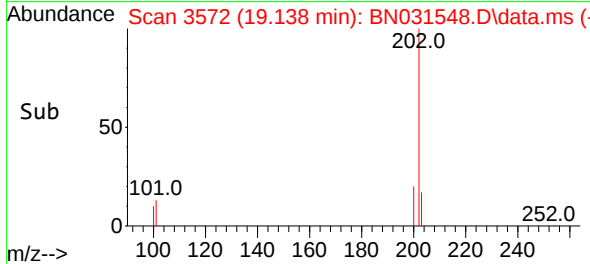
Instrument :
BNA_N
ClientSampleId :
E0Y32



Tgt Ion:202 Resp: 396708
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.4
100 9.8 7.7 11.5

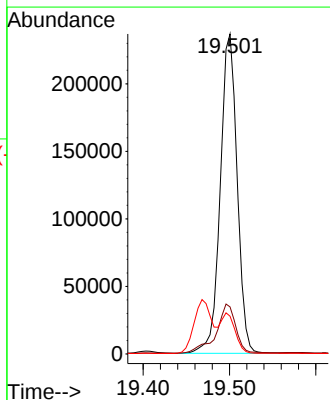
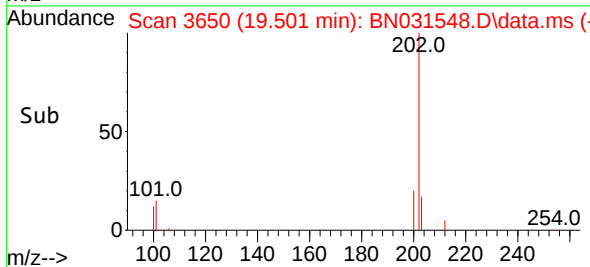
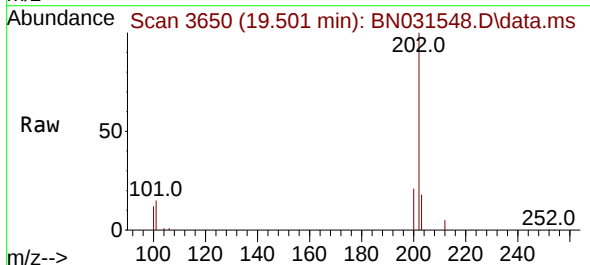
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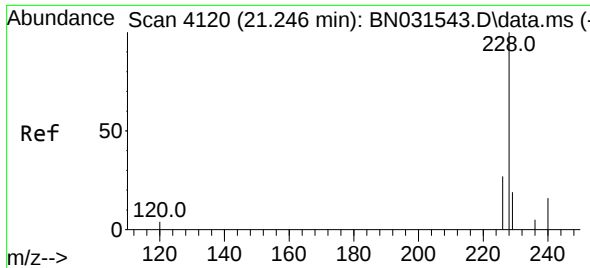
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#20
Pyrene
Concen: 1.944 ng/ul
RT: 19.501 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

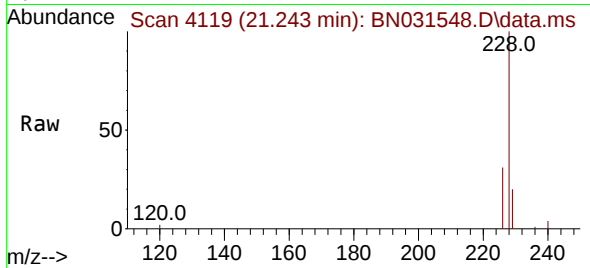
Tgt Ion:202 Resp: 321890
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.8 9.7 14.5





#21
Benzo(a)anthracene
Concen: 0.815 ng/ul
RT: 21.243 min Scan# 4119
Delta R.T. -0.006 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

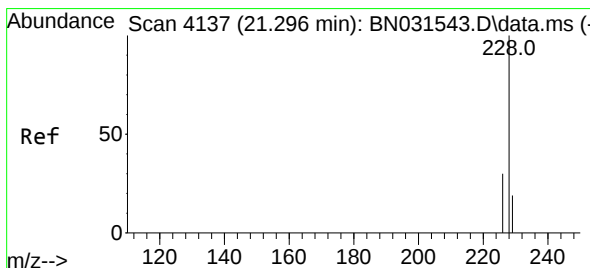
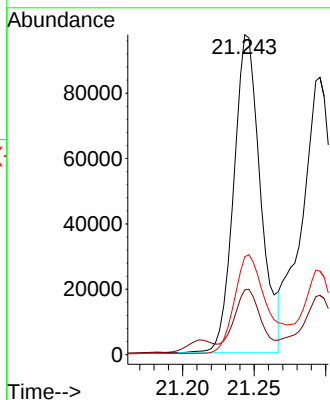
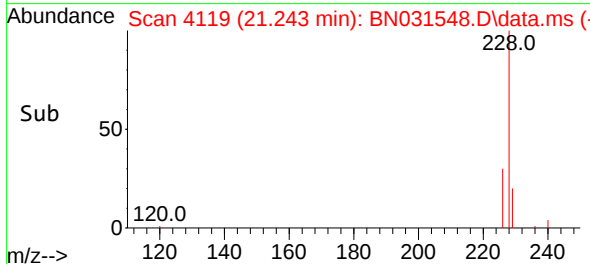
Instrument :
BNA_N
ClientSampleId :
E0Y32



Tgt Ion:228 Resp: 12692
Ion Ratio Lower Upper
228 100
229 20.2 15.4 23.0
226 30.6 21.5 32.3

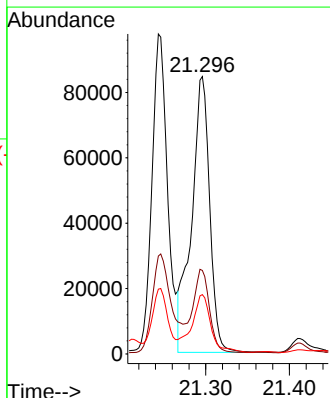
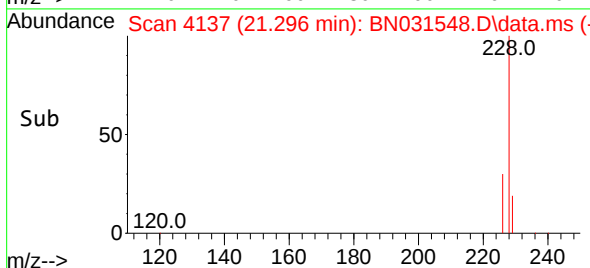
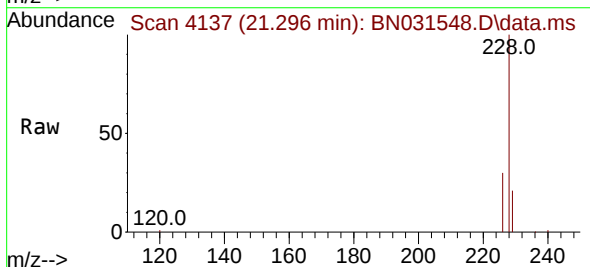
Manual Integrations
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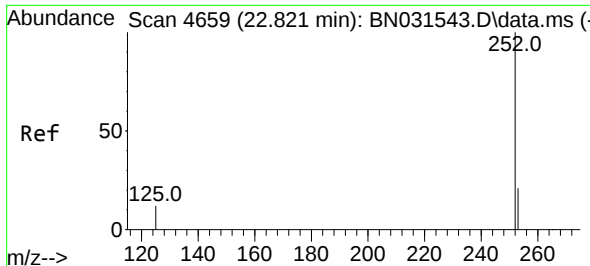
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#22
Chrysene
Concen: 0.757 ng/ul
RT: 21.296 min Scan# 4137
Delta R.T. -0.006 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

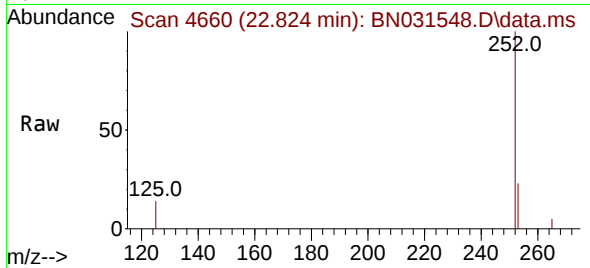
Tgt Ion:228 Resp: 127351
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.386 ng/ul m
RT: 22.824 min Scan# 4660
Delta R.T. -0.003 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

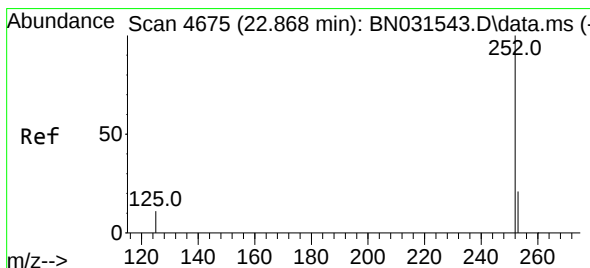
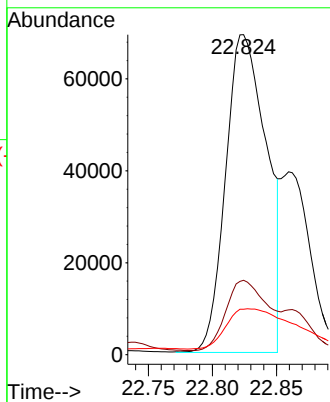
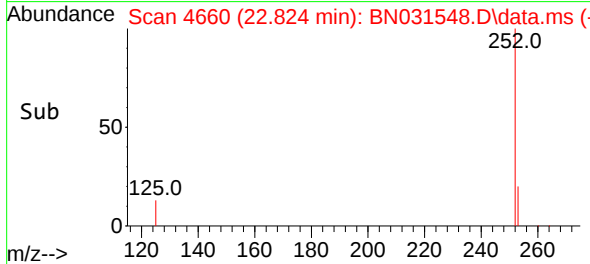
Instrument :
BNA_N
ClientSampleId :
E0Y32



Tgt Ion:252 Resp: 15367
Ion Ratio Lower Upper
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253 23.3 0.0 44.8
125 14.2 0.0 27.4

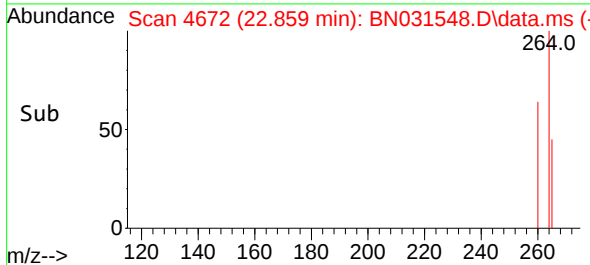
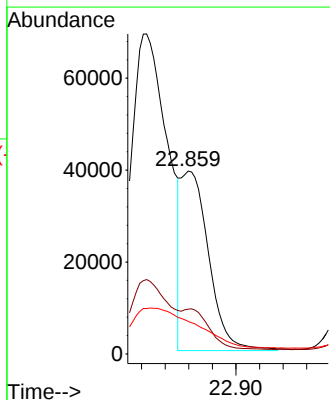
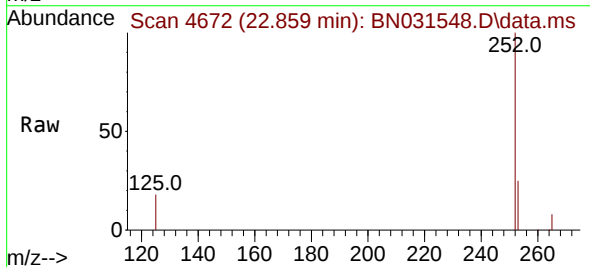
Manual Integrations
APPROVED

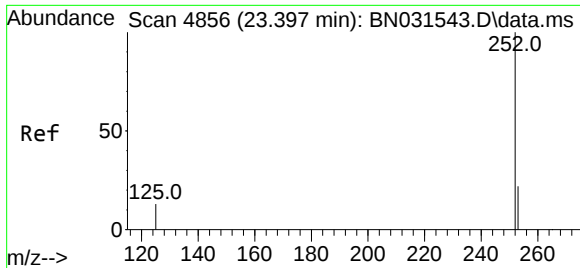
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.534 ng/ul m
RT: 22.859 min Scan# 4672
Delta R.T. -0.015 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

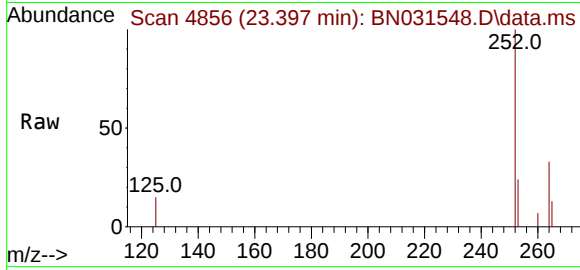
Tgt Ion:252 Resp: 64115
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 17.9 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 1.006 ng/ul
RT: 23.397 min Scan# 4856
Delta R.T. -0.006 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

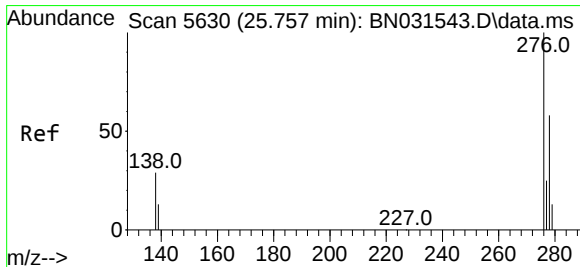
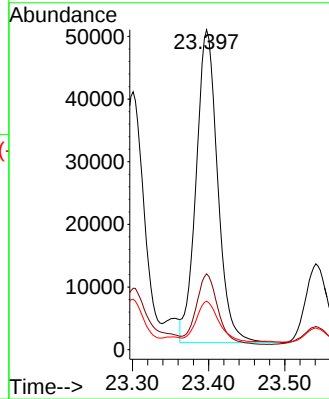
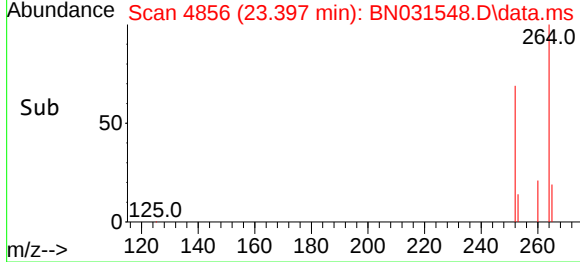
Instrument :
BNA_N
ClientSampleId :
E0Y32



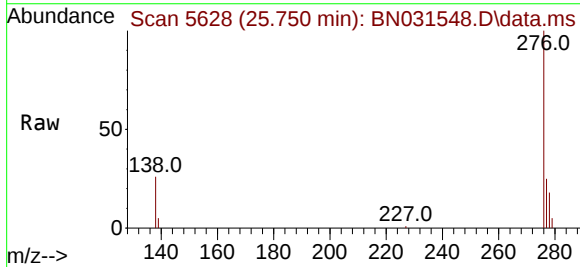
Tgt Ion:252 Resp: 9777
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 15.2 12.3 18.5

Manual Integrations
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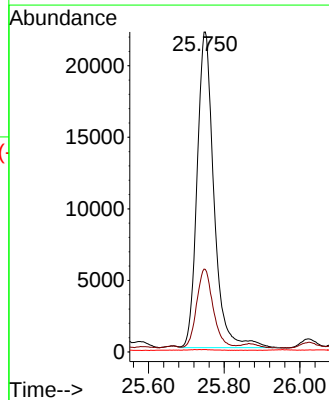
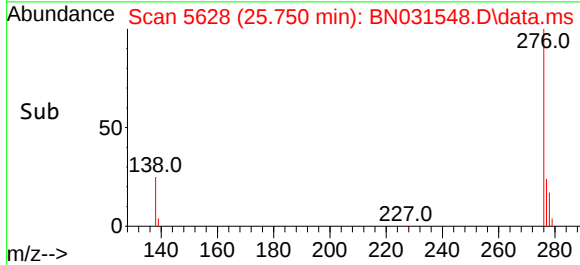
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

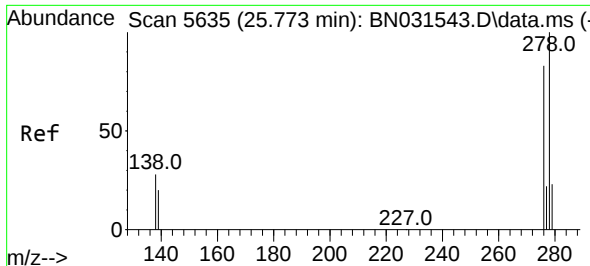


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.602 ng/ul
RT: 25.750 min Scan# 5628
Delta R.T. -0.017 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42



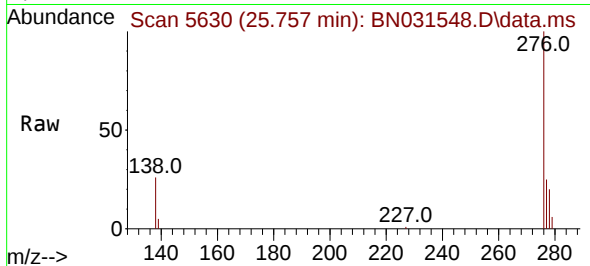
Tgt Ion:276 Resp: 67993
Ion Ratio Lower Upper
276 100
138 24.8 24.8 37.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul
RT: 25.757 min Scan# 5630
Delta R.T. -0.024 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

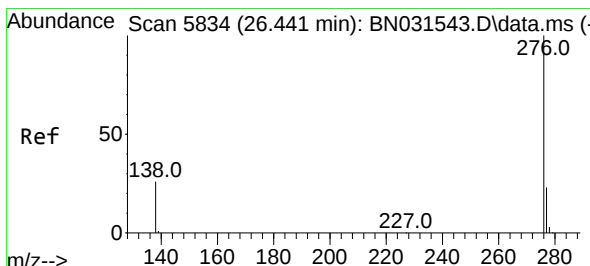
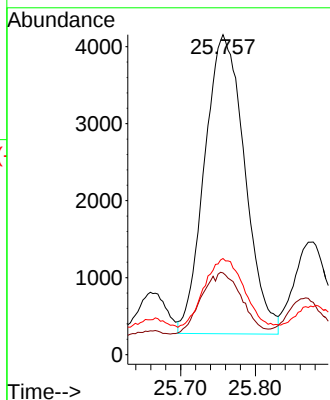
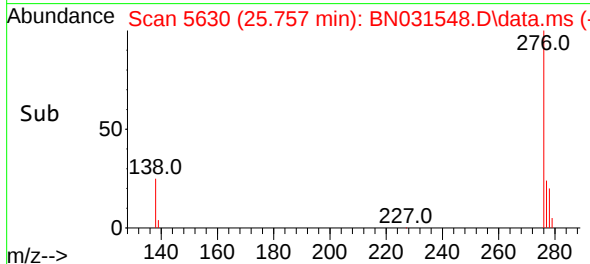
Instrument :
BNA_N
ClientSampleId :
E0Y32



Tgt Ion: 278 Resp: 14478
Ion Ratio Lower Upper
278 100
139 25.5 16.7 25.1
279 30.0 19.5 29.3

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Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.749 ng/ul
RT: 26.441 min Scan# 5834
Delta R.T. -0.010 min
Lab File: BN031548.D
Acq: 16 May 2024 13:42

Tgt Ion: 276 Resp: 68054
Ion Ratio Lower Upper
276 100
138 26.7 21.4 32.2
277 24.3 19.2 28.8

