

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024223.D
 Acq On : 10 Mar 2023 06:04
 Operator : CG/JU
 Sample : 01784-17
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAD3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 06:36:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	8322	0.400	ng/u1	0.00
4) Naphthalene-d8	10.867	136	25883	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.684	164	15570	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	30965	0.400	ng/u1	0.00
17) Chrysene-d12	21.618	240	24717	0.400	ng/u1	0.00
23) Perylene-d12	24.135	264	21730	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	38249	4.176	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	14888m	0.484	ng/u1	0.00
18) Fluoranthene-d10	19.450	212	26483	0.403	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	87678	1.357	ng/u1	100
7) 2-Methylnaphthalene	12.522	142	55067	1.405	ng/u1	100
8) 1-Methylnaphthalene	12.742	142	56006	1.360	ng/u1	100
10) Acenaphthylene	14.407	152	95985	1.477	ng/u1	100
11) Acenaphthene	14.749	153	66810	1.335	ng/u1	98
12) Fluorene	15.730	166	77971	1.395	ng/u1	99
14) Pentachlorophenol	17.076	266	57280	6.660	ng/u1#	73
15) Phenanthrene	17.472	178	125724	1.418	ng/u1	100
16) Anthracene	17.561	178	135592	1.742	ng/u1	100
19) Fluoranthene	19.483	202	146876	1.493	ng/u1	99
20) Pyrene	19.845	202	157523	1.578	ng/u1	98
21) Benzo(a)anthracene	21.600	228	123776	1.534	ng/u1	99
22) Chrysene	21.656	228	126285	1.482	ng/u1	99
24) Benzo(b)fluoranthene	23.360	252	120286	1.450	ng/u1	95
25) Benzo(k)fluoranthene	23.413	252	121796	1.415	ng/u1	96
26) Benzo(a)pyrene	24.021	252	120307m	1.685	ng/u1	
27) Indeno(1,2,3-cd)pyrene	26.767	276	110316	1.372	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.794	278	82396	1.348	ng/u1	95
29) Benzo(g,h,i)perylene	27.586	276	93814	1.345	ng/u1	96

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

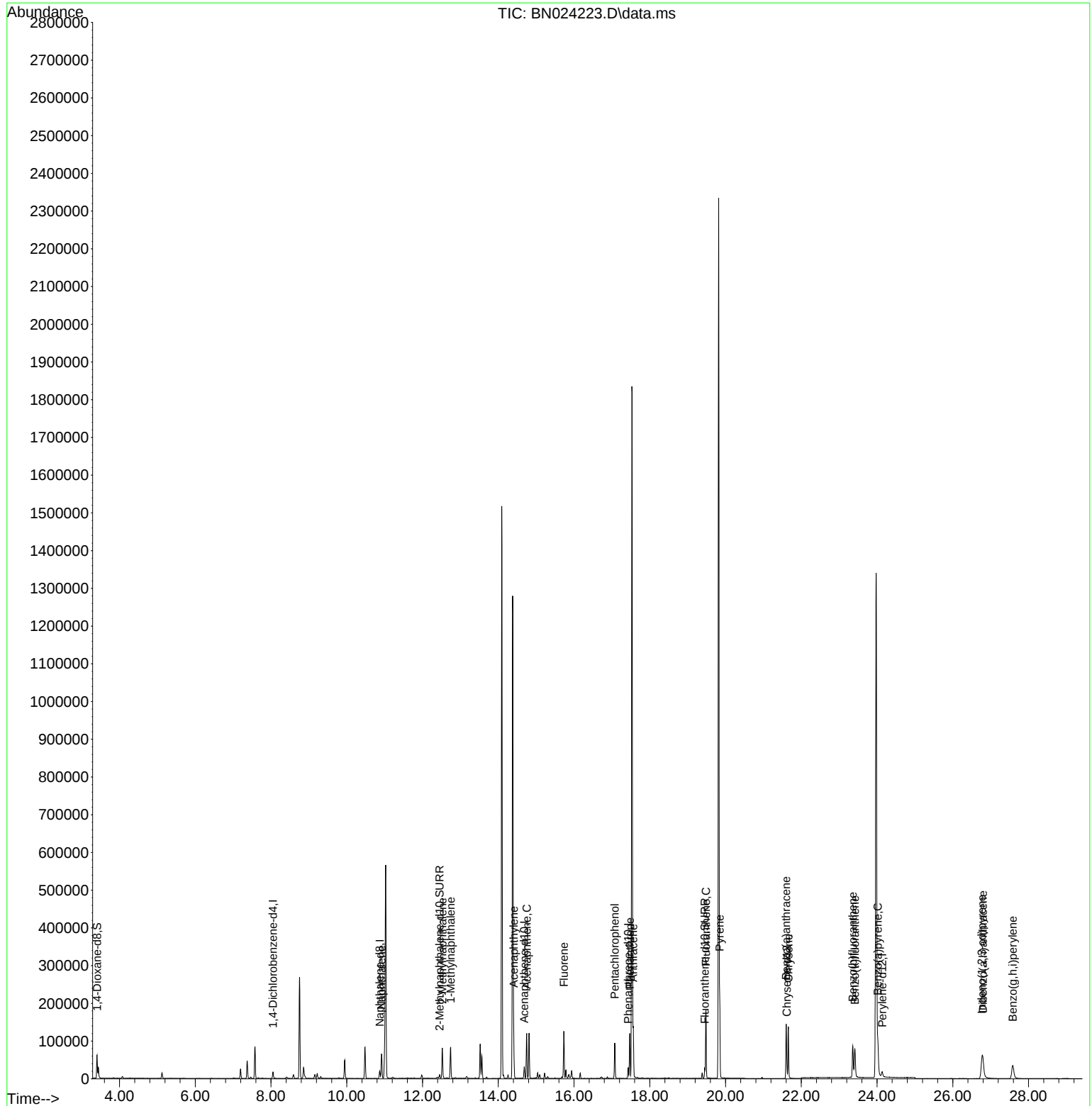
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024223.D
Acq On : 10 Mar 2023 06:04
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Sample : 01784-17
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ALS Vial : 63 Sample Multiplier: 1

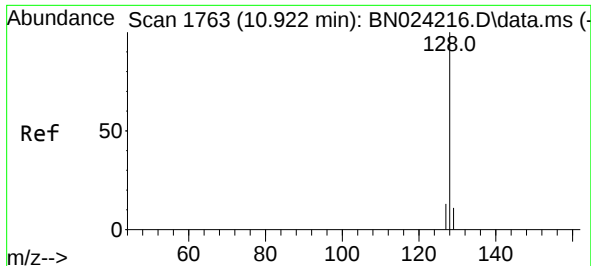
Instrument :
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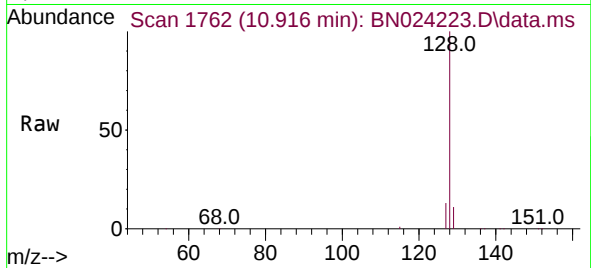
Quant Time: Mar 10 06:36:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:43:59 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.357 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

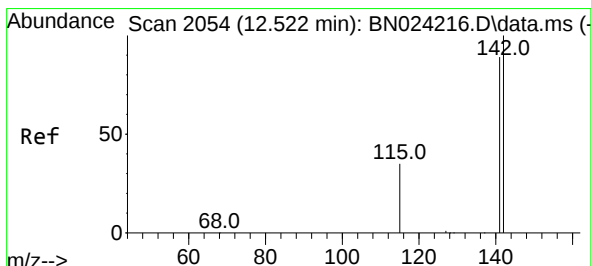
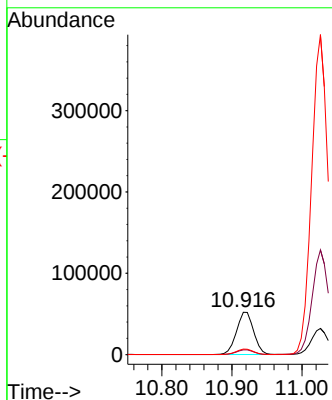
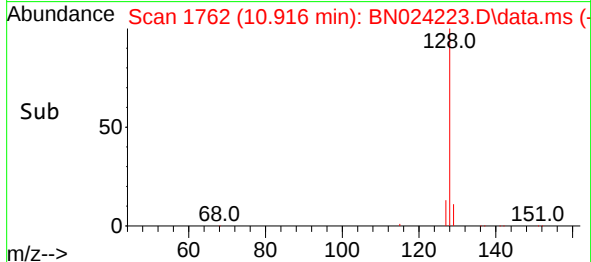
Instrument :
BNA_N
ClientSampleId :
DCAD3



Tgt Ion:128 Resp: 87678
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.5 15.7

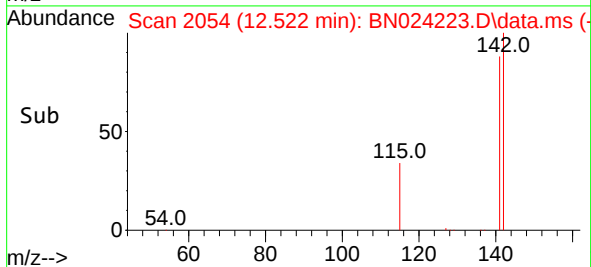
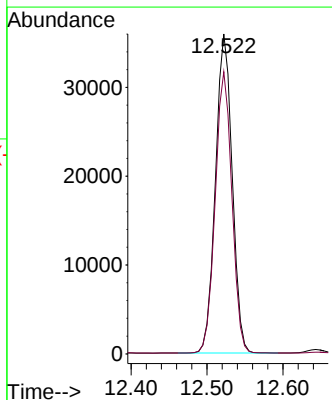
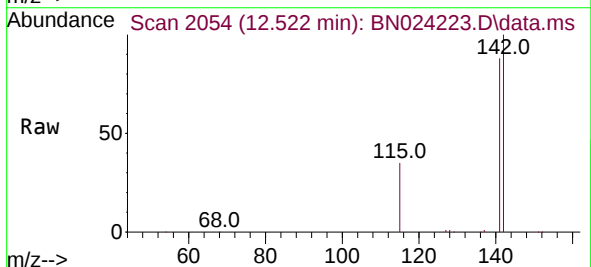
Manual Integrations
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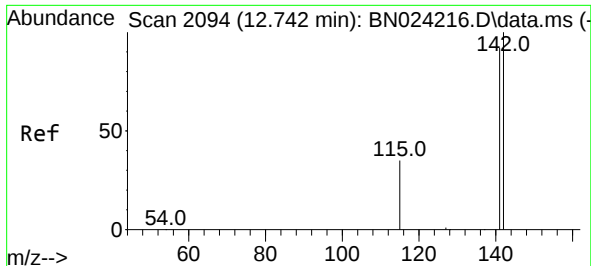
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#7
2-Methylnaphthalene
Concen: 1.405 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

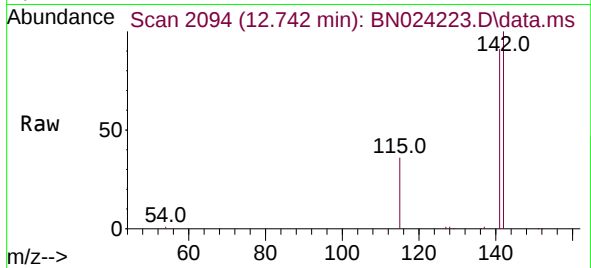
Tgt Ion:142 Resp: 55067
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5





#8
1-Methylnaphthalene
Concen: 1.360 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

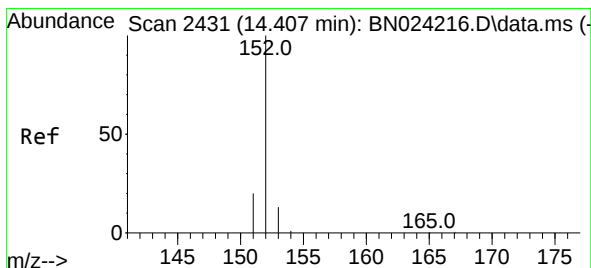
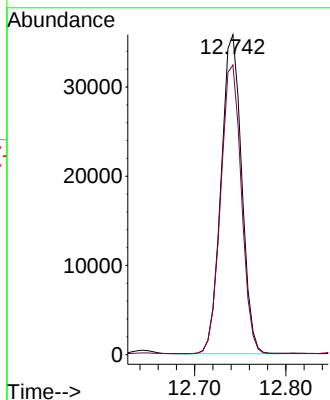
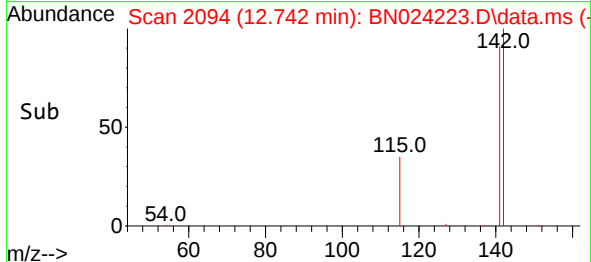
Instrument :
BNA_N
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DCAD3



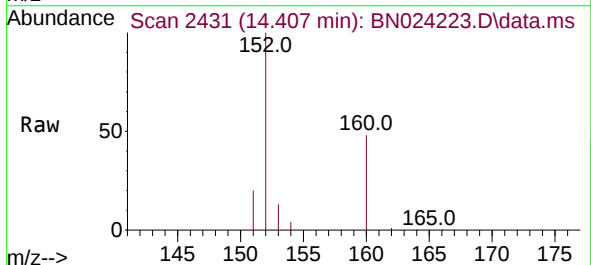
Tgt Ion:142 Resp: 56006
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6

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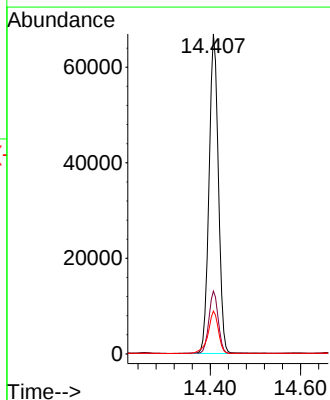
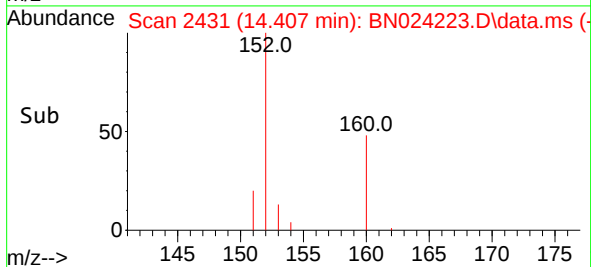
Reviewed By :Christian Giraldo 03/10/2023
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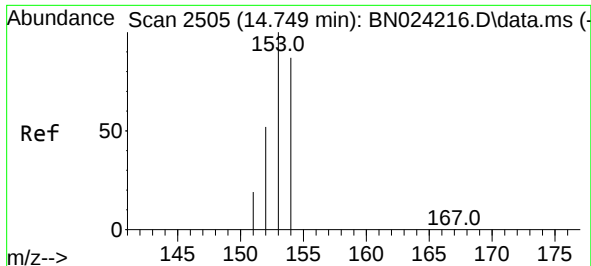


#10
Acenaphthylene
Concen: 1.477 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04



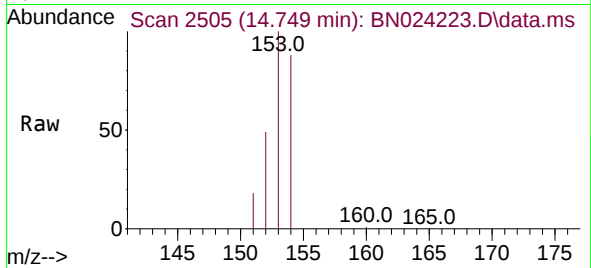
Tgt Ion:152 Resp: 95985
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.4 10.6 16.0





#11
Acenaphthene
Concen: 1.335 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

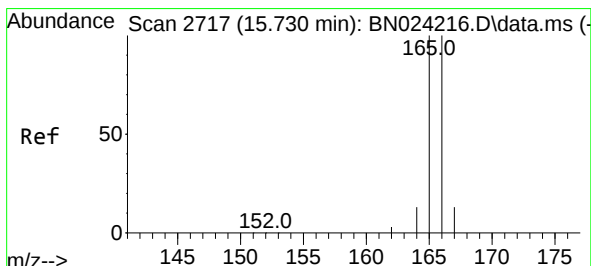
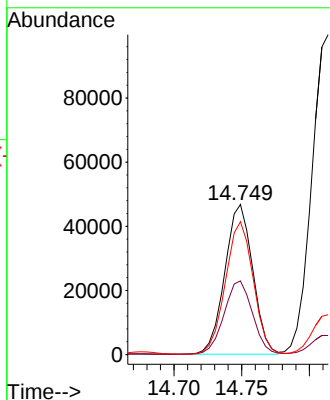
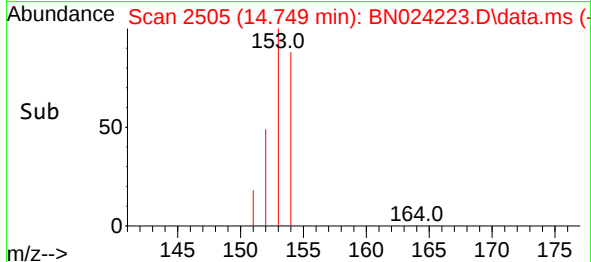
Instrument :
BNA_N
ClientSampleId :
DCAD3



Tgt Ion:153 Resp: 66810
Ion Ratio Lower Upper
153 100
152 49.1 42.6 64.0
154 88.5 70.6 105.8

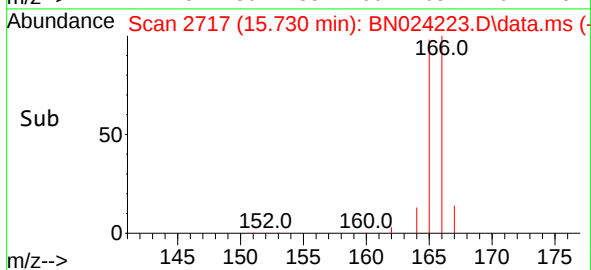
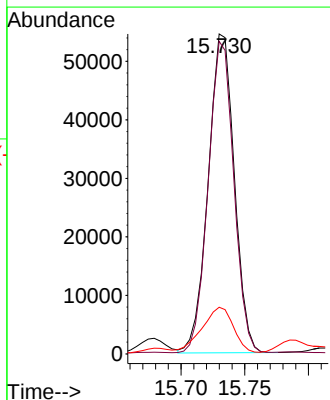
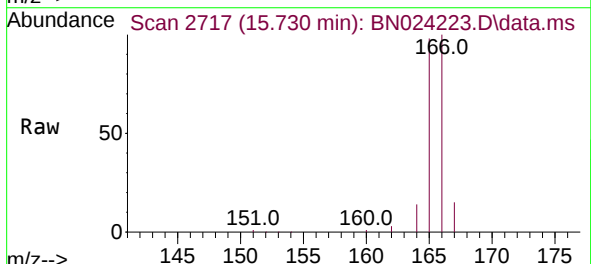
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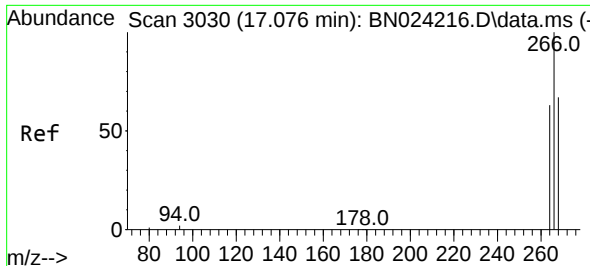
Reviewed By :Christian Giraldo 03/10/2023
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#12
Fluorene
Concen: 1.395 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

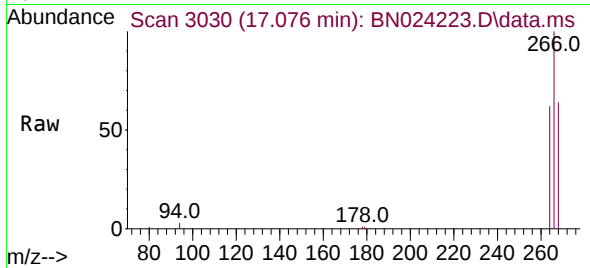
Tgt Ion:166 Resp: 77971
Ion Ratio Lower Upper
166 100
165 97.7 77.4 116.0
167 14.6 10.9 16.3





#14
Pentachlorophenol
Concen: 6.660 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

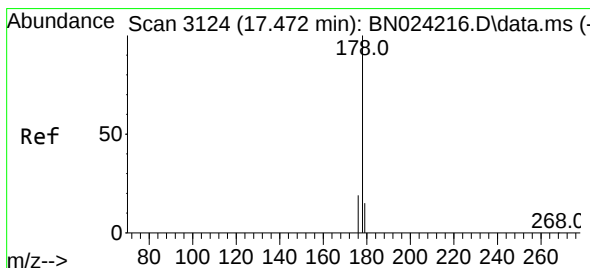
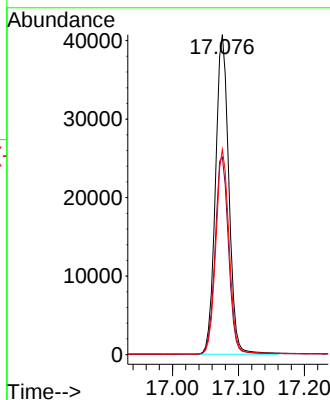
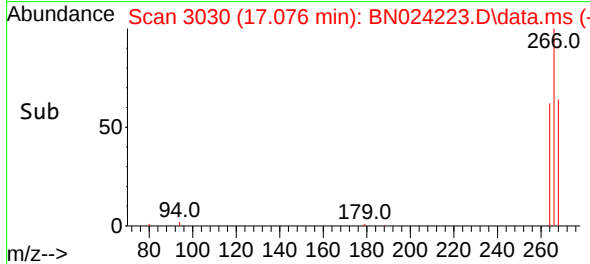
Instrument :
BNA_N
ClientSampleId :
DCAD3



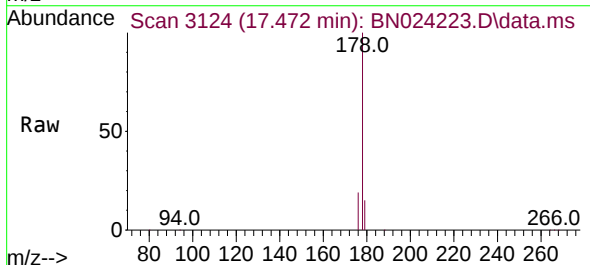
Tgt Ion:266 Resp: 57280
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0
268 63.8 0.1 0.1

Manual Integrations
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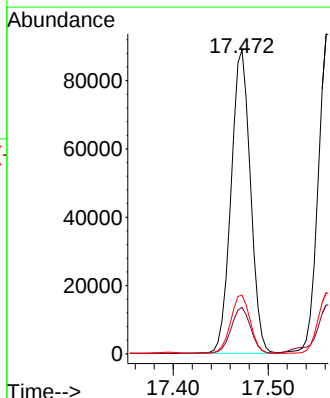
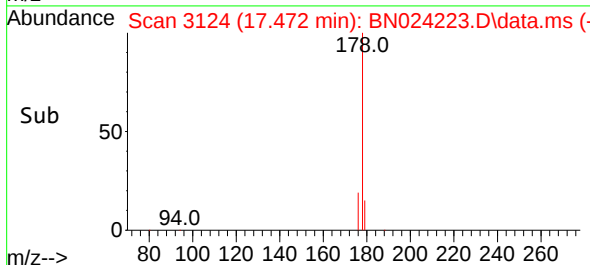
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

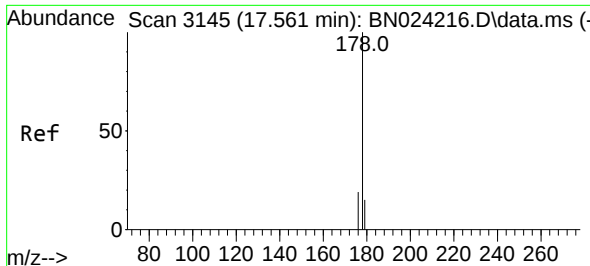


#15
Phenanthrene
Concen: 1.418 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04



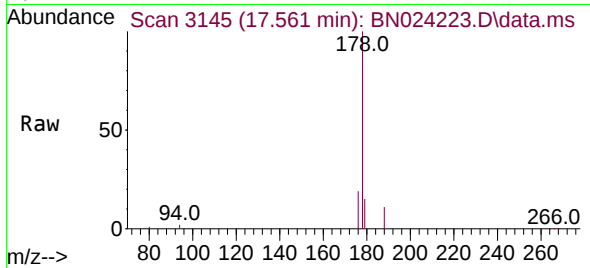
Tgt Ion:178 Resp: 125724
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.3 15.7 23.5





#16
 Anthracene
 Concen: 1.742 ng/ul
 RT: 17.561 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN024223.D
 Acq: 10 Mar 2023 06:04

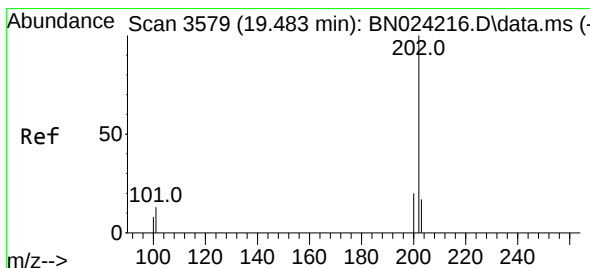
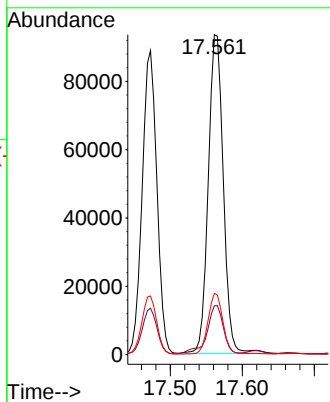
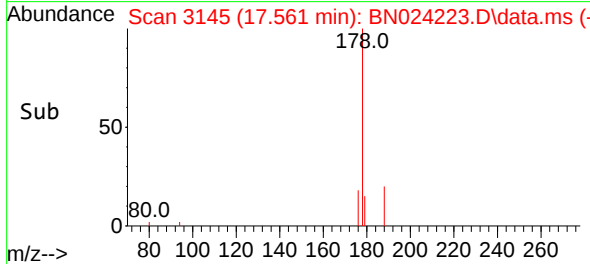
Instrument :
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 DCAD3



Tgt Ion:178 Resp: 135592
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.1 15.3 22.9

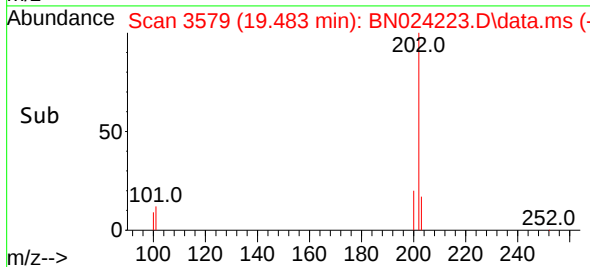
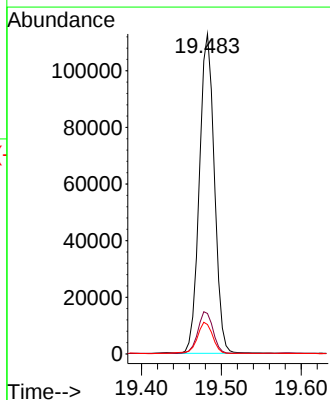
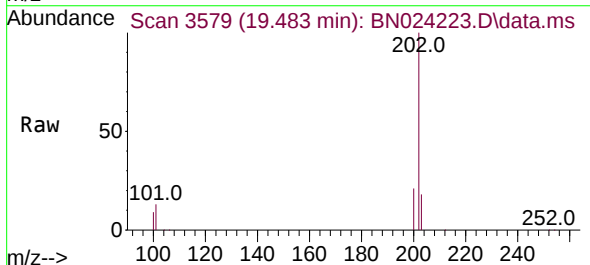
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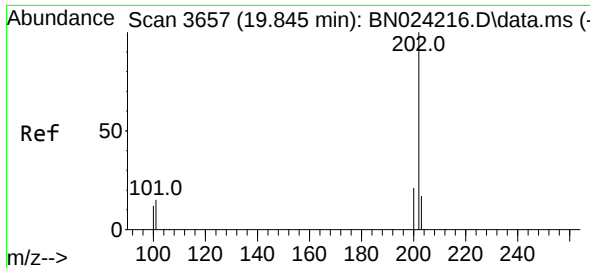
Reviewed By :Christian Giraldo 03/10/2023
 Supervised By :Jagrut Upadhyay 03/10/2023



#19
 Fluoranthene
 Concen: 1.493 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024223.D
 Acq: 10 Mar 2023 06:04

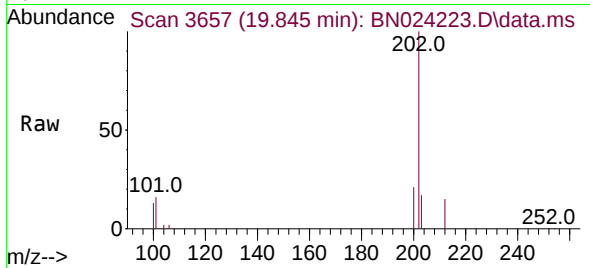
Tgt Ion:202 Resp: 146876
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.4 15.6
 100 9.2 7.7 11.5





#20
Pyrene
Concen: 1.578 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

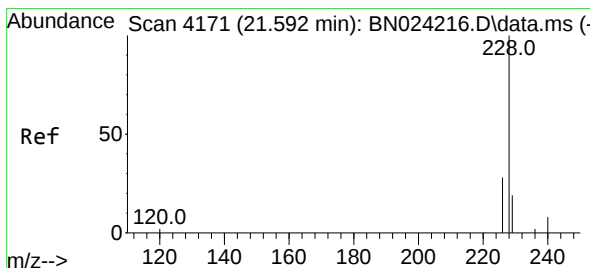
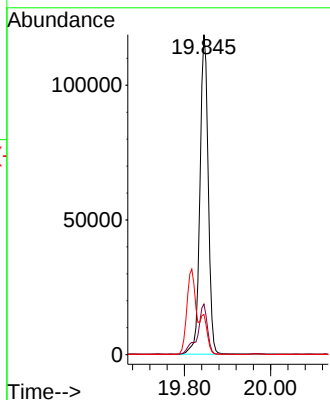
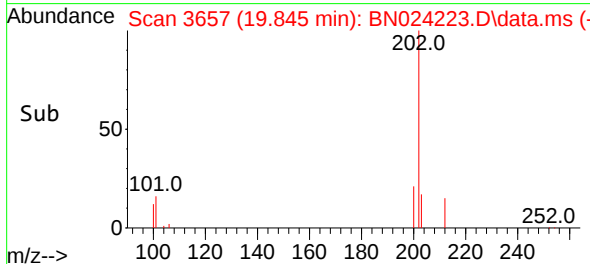
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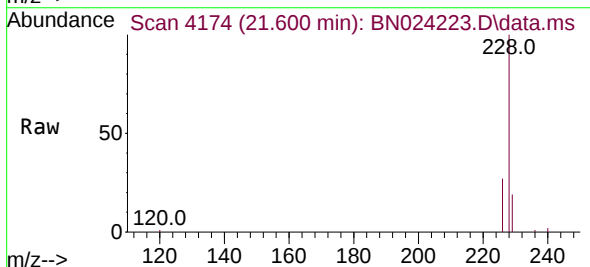
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Ion Ratio Lower Upper
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101 15.8 12.1 18.1
100 12.6 9.4 14.0

Manual Integrations
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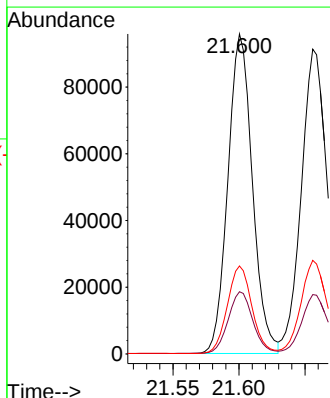
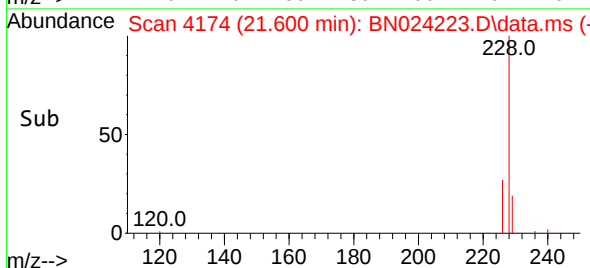
Reviewed By :Christian Giraldo 03/10/2023
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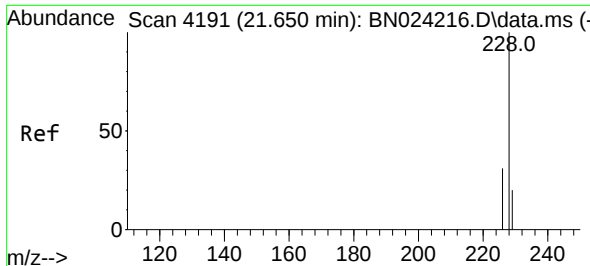


#21
Benzo(a)anthracene
Concen: 1.534 ng/ul
RT: 21.600 min Scan# 4174
Delta R.T. 0.009 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04



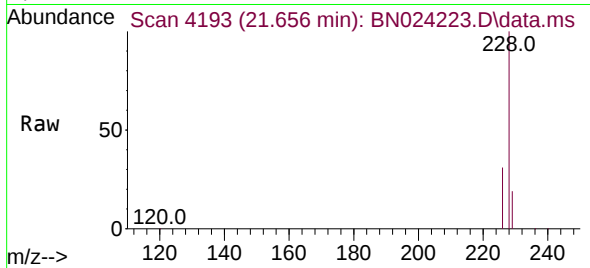
Tgt Ion:228 Resp: 123776
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 27.5 22.2 33.4





#22
Chrysene
Concen: 1.482 ng/ul
RT: 21.656 min Scan# 4191
Delta R.T. 0.006 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

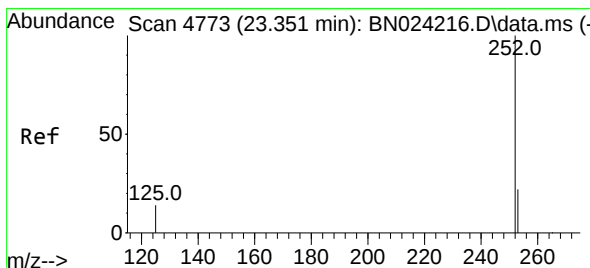
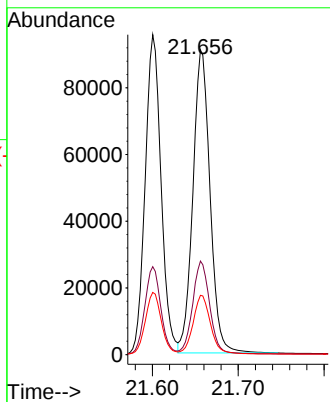
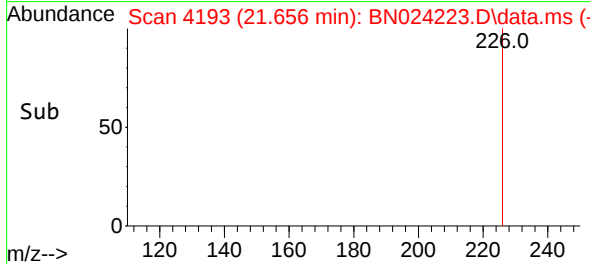
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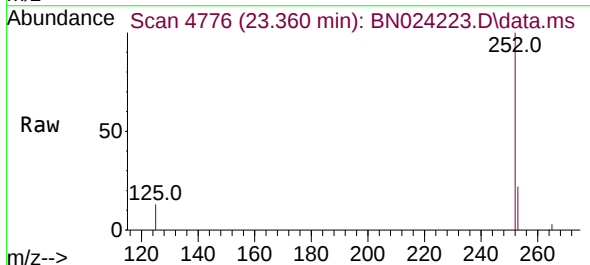
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Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.4 15.8 23.6

Manual Integrations
APPROVED

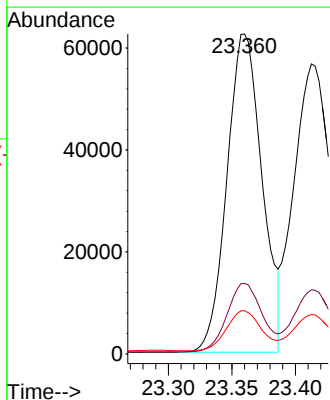
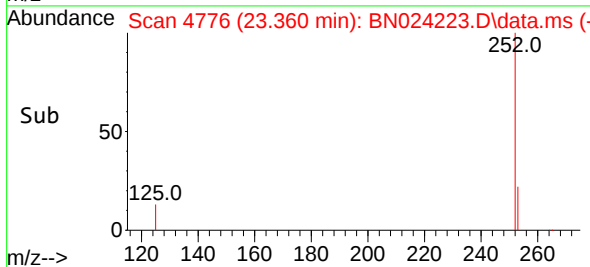
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

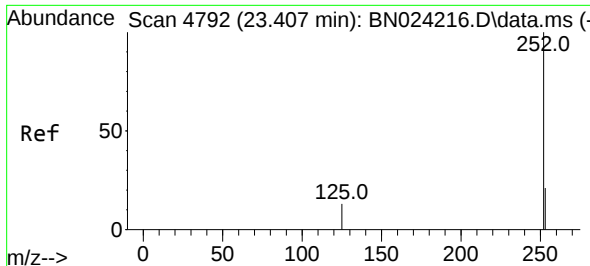


#24
Benzo(b)fluoranthene
Concen: 1.450 ng/ul
RT: 23.360 min Scan# 4776
Delta R.T. 0.009 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04



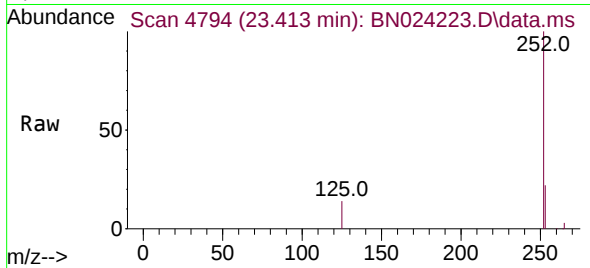
Tgt Ion:252 Resp: 120286
Ion Ratio Lower Upper
252 100
253 22.0 0.0 46.2
125 13.5 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 1.415 ng/ul
RT: 23.413 min Scan# 4794
Delta R.T. 0.006 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

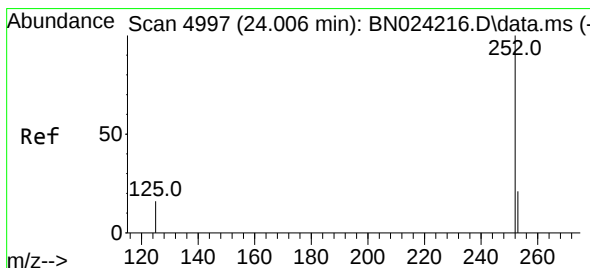
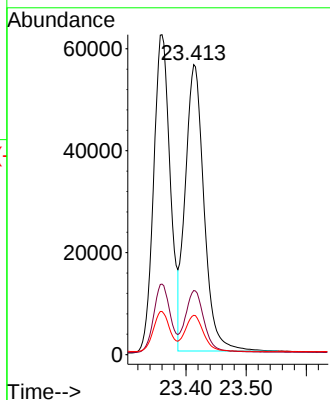
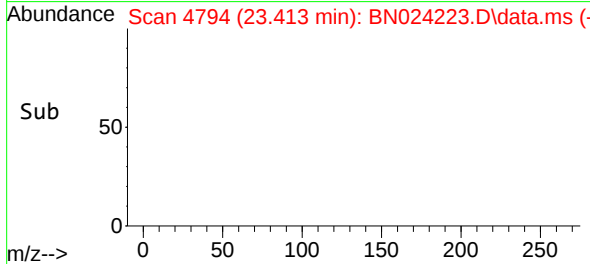
Instrument :
BNA_N
ClientSampleId :
DCAD3



Tgt Ion:252 Resp: 121796
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 13.5 13.2 19.8

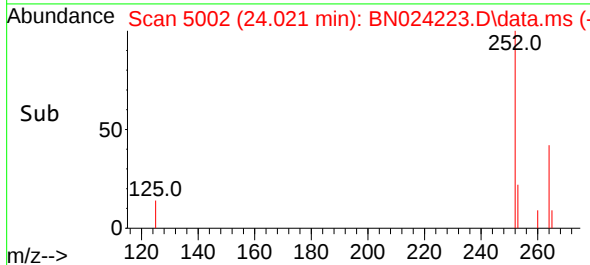
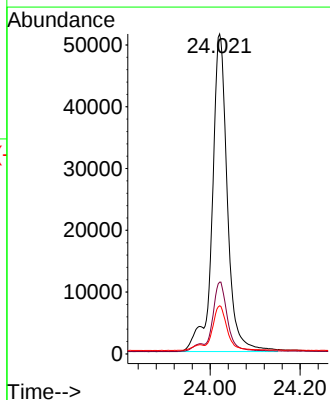
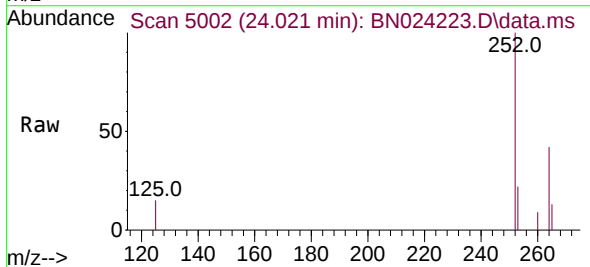
Manual Integrations
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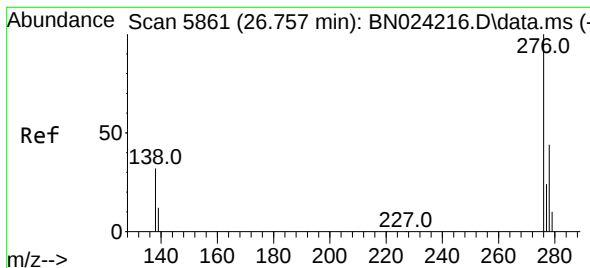
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#26
Benzo(a)pyrene
Concen: 1.685 ng/ul m
RT: 24.021 min Scan# 5002
Delta R.T. 0.015 min
Lab File: BN024223.D
Acq: 10 Mar 2023 06:04

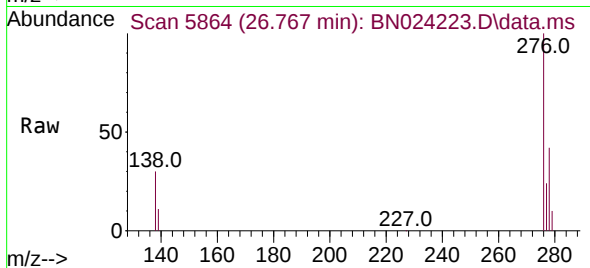
Tgt Ion:252 Resp: 120307
Ion Ratio Lower Upper
252 100
253 22.4 19.2 28.8
125 15.0 15.8 23.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.372 ng/ul
 RT: 26.767 min Scan# 5861
 Delta R.T. 0.011 min
 Lab File: BN024223.D
 Acq: 10 Mar 2023 06:04

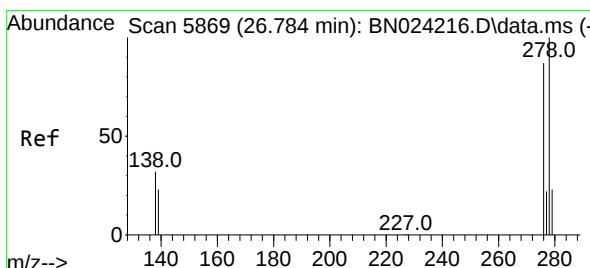
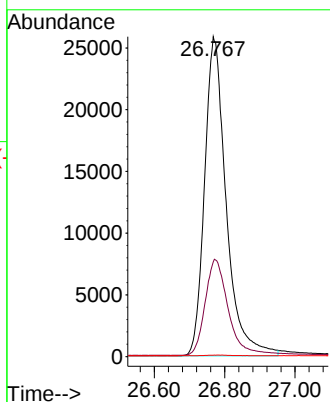
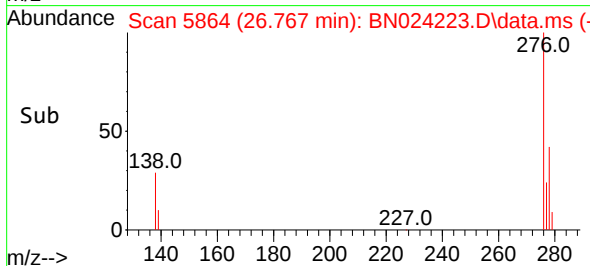
Instrument :
 BNA_N
 ClientSampleId :
 DCAD3



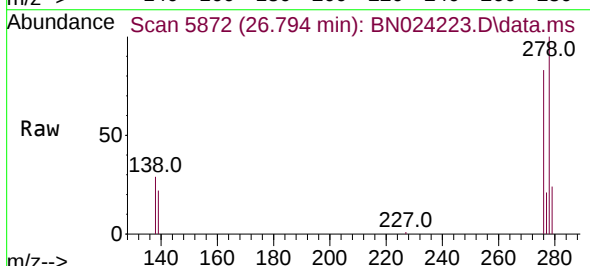
Tgt Ion: 276 Resp: 110316
 Ion Ratio Lower Upper
 276 100
 138 32.1 0.0 0.0
 227 0.2 0.0 0.0

Manual Integrations
 APPROVED

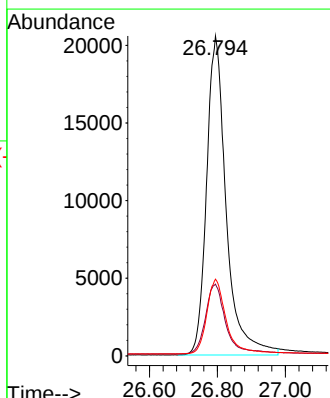
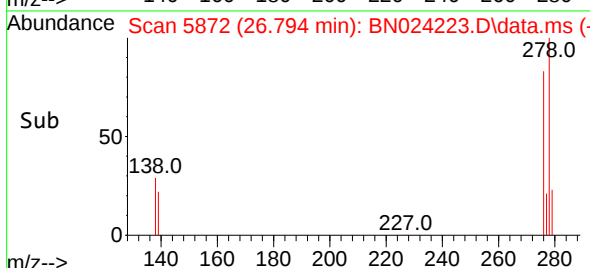
Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

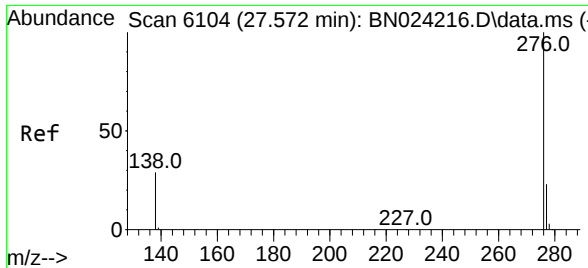


#28
 Dibenzo(a,h)anthracene
 Concen: 1.348 ng/ul
 RT: 26.794 min Scan# 5872
 Delta R.T. 0.011 min
 Lab File: BN024223.D
 Acq: 10 Mar 2023 06:04



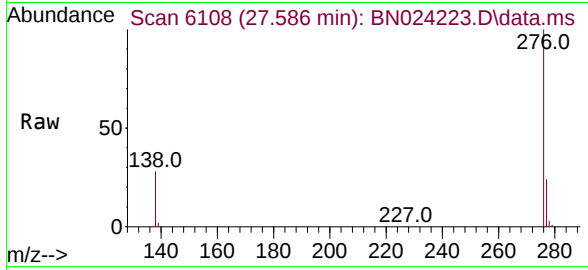
Tgt Ion: 278 Resp: 82396
 Ion Ratio Lower Upper
 278 100
 139 22.4 21.0 31.6
 279 24.0 20.4 30.6





#29
 Benzo(g,h,i)perylene
 Concen: 1.345 ng/ul
 RT: 27.586 min Scan# 6108
 Delta R.T. 0.014 min
 Lab File: BN024223.D
 Acq: 10 Mar 2023 06:04

Instrument :
 BNA_N
 ClientSampleId :
 DCAD3



Tgt Ion: 276 Resp: 93814
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.2 37.8
 277 23.7 19.4 29.2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

