

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023415.D
 Acq On : 24 Dec 2022 17:51
 Operator : CG/JU
 Sample : N6015-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXW5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 18:41:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	6211	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	20716	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	12283	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	28954	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	20572	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	16060	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26621	3.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	9077	0.283	ng/ul	-0.01
18) Fluoranthene-d10	19.414	212	21806	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	2213	0.036	ng/ul#	87
7) 2-Methylnaphthalene	12.469	142	1031	0.026	ng/ul	97
8) 1-Methylnaphthalene	12.684	142	826	0.021	ng/ul	100
10) Acenaphthylene	14.362	152	1400	0.026	ng/ul#	78
11) Acenaphthene	14.704	153	921	0.020	ng/ul	95
15) Phenanthrene	17.431	178	19858	0.211	ng/ul	99
16) Anthracene	17.524	178	2797	0.036	ng/ul#	88
19) Fluoranthene	19.447	202	65222	0.654	ng/ul	98
20) Pyrene	19.809	202	50231m	0.499	ng/ul	
21) Benzo(a)anthracene	21.558	228	28204	0.352	ng/ul	97
22) Chrysene	21.613	228	35695	0.438	ng/ul	97
24) Benzo(b)fluoranthene	23.273	252	49800m	0.600	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	16490m	0.211	ng/ul	
26) Benzo(a)pyrene	23.917	252	29620	0.450	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.581	276	24809	0.323	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.591	278	6073	0.102	ng/ul#	58
29) Benzo(g,h,i)perylene	27.372	276	24969	0.399	ng/ul#	79

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

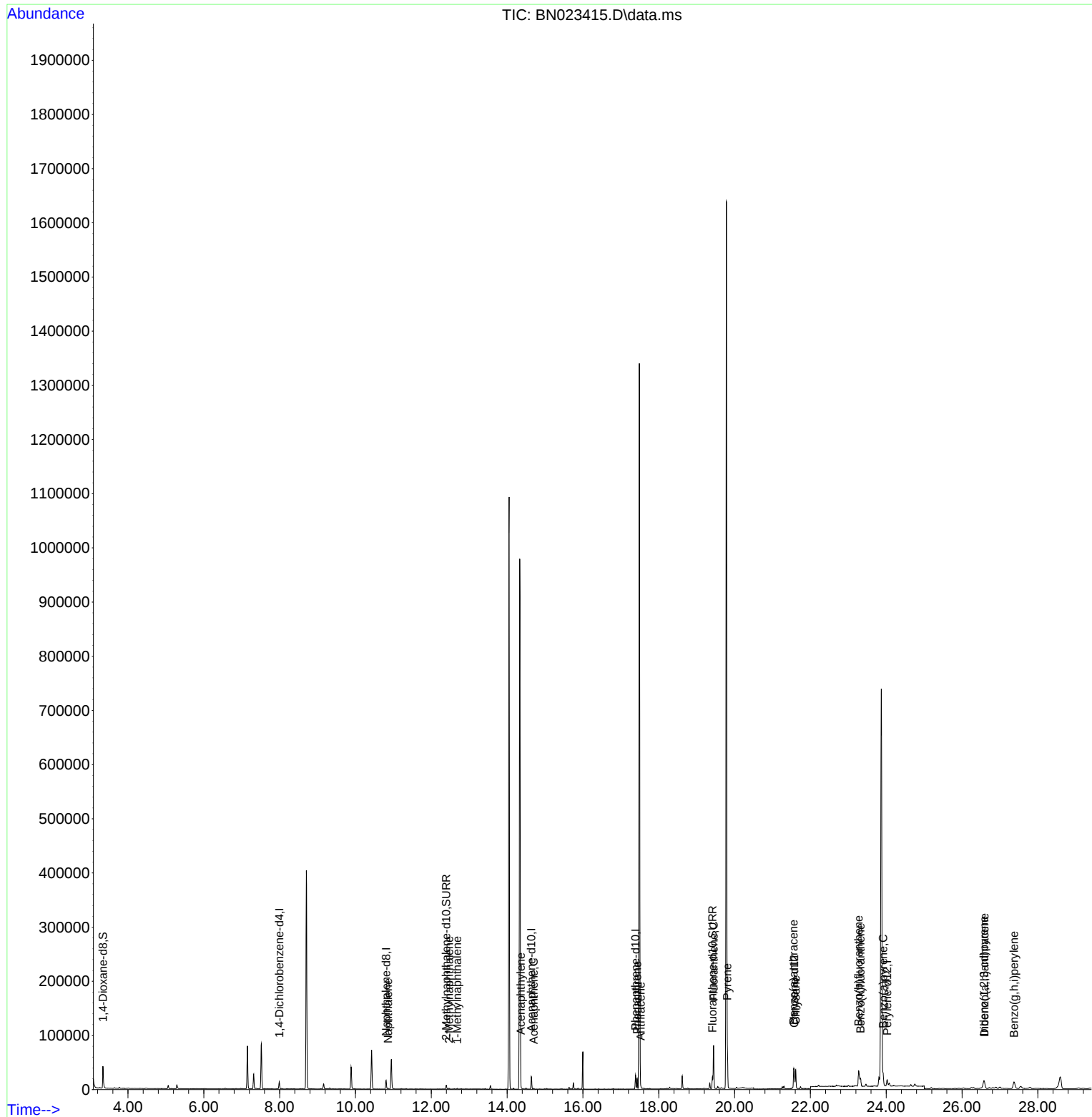
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023415.D
Acq On : 24 Dec 2022 17:51
Operator : CG/JU
Sample : N6015-15
Misc :
ALS Vial : 42 Sample Multiplier: 1

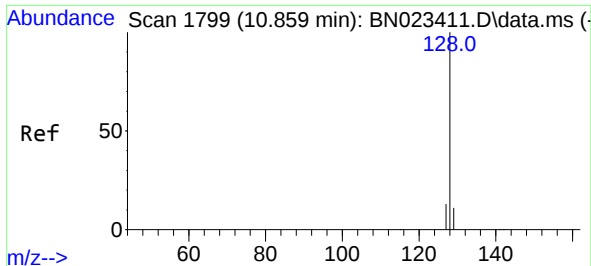
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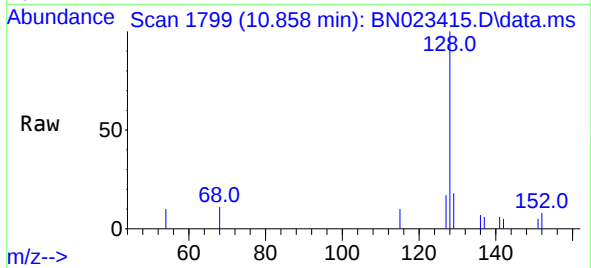
Quant Time: Dec 24 18:41:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

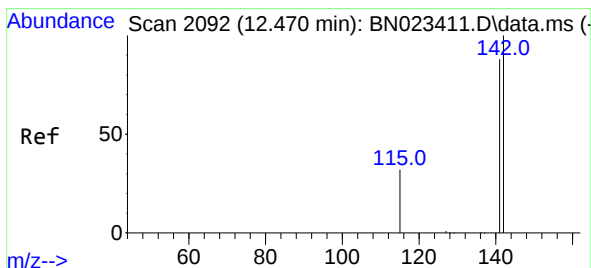
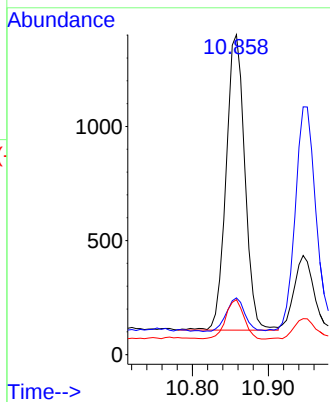
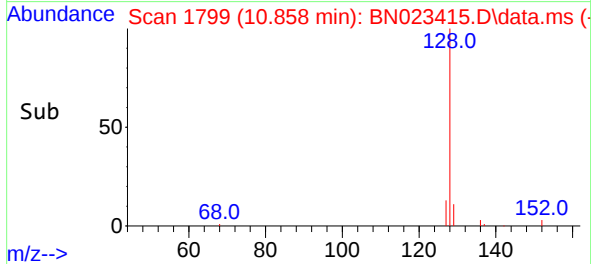
Instrument :
BNA_N
ClientSampleId :
DBXW5



Tgt Ion:128 Resp: 221
Ion Ratio Lower Upper
128 100
129 17.8 9.0 13.4
127 17.2 10.7 16.1

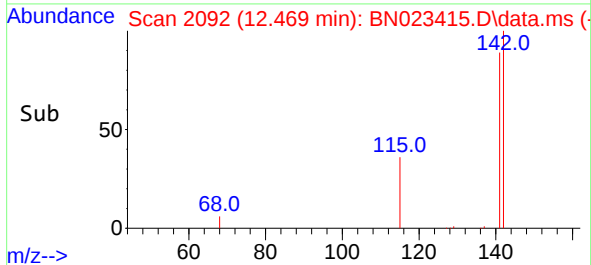
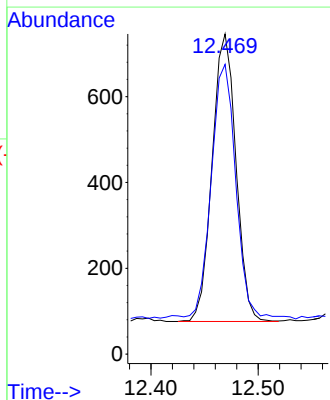
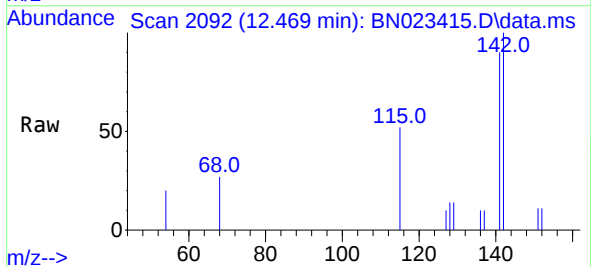
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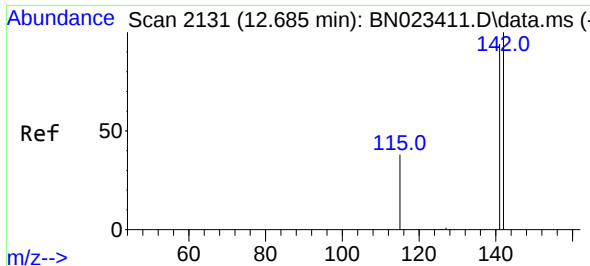
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

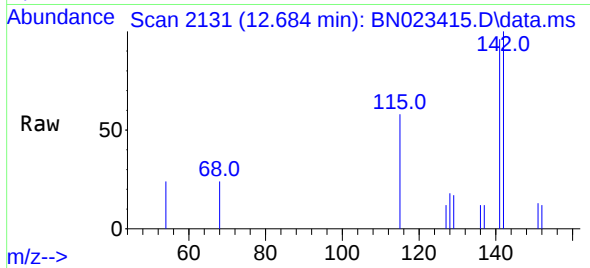
Tgt Ion:142 Resp: 1031
Ion Ratio Lower Upper
142 100
141 92.4 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.021 ng/u1
RT: 12.684 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

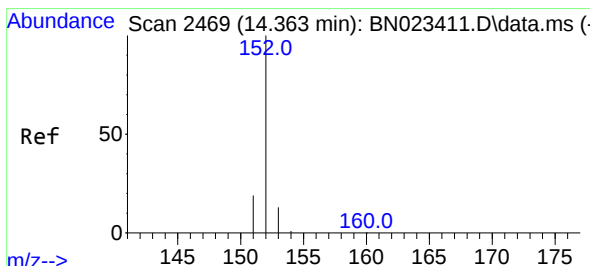
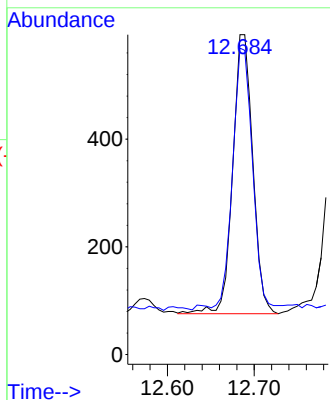
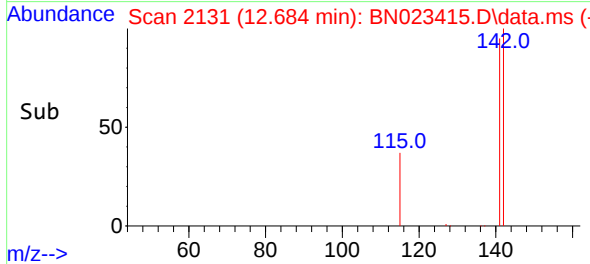
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
142 100
141 92.1 74.0 111.0

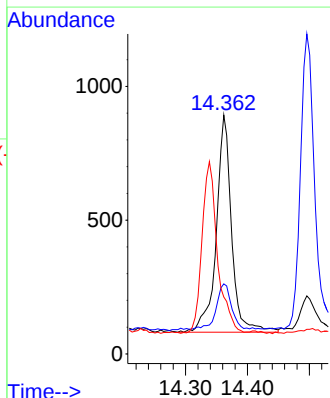
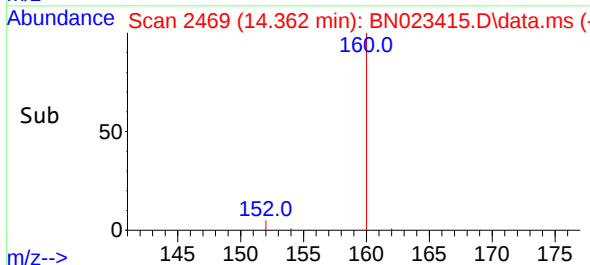
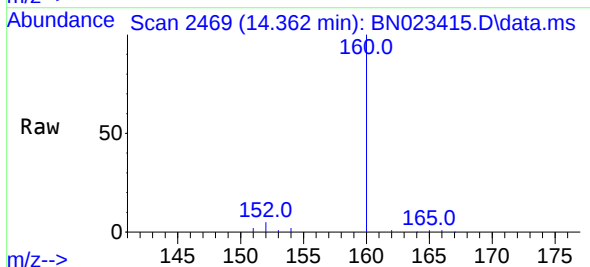
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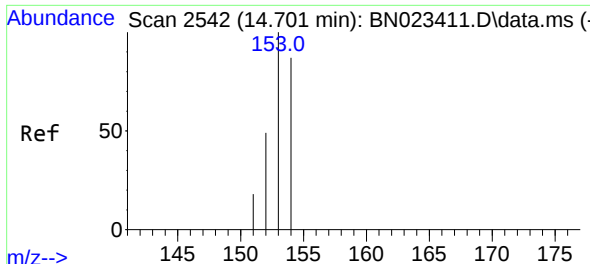
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.026 ng/u1
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

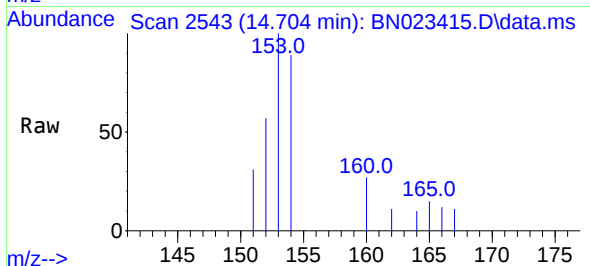
Tgt Ion:152 Resp: 1400
Ion Ratio Lower Upper
152 100
151 29.3 16.1 24.1#
153 23.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.020 ng/u1
RT: 14.704 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

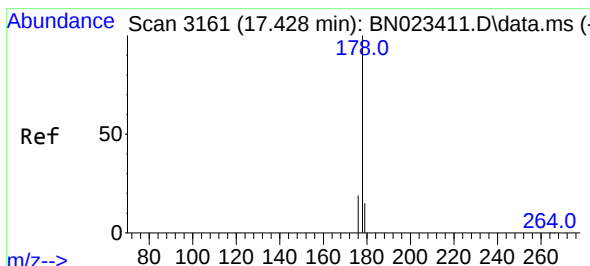
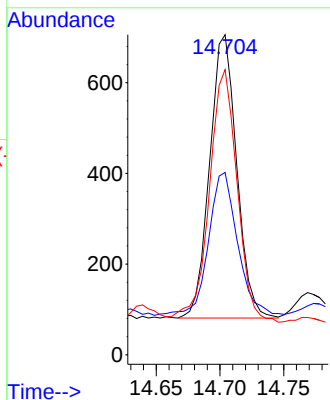
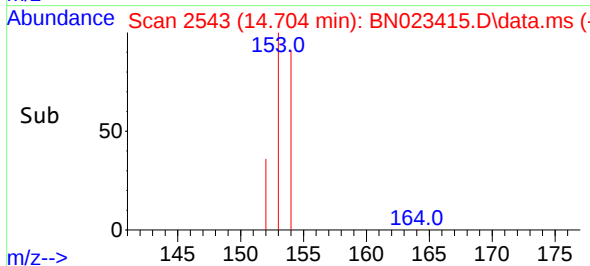
Instrument :
BNA_N
ClientSampleId :
DBXW5



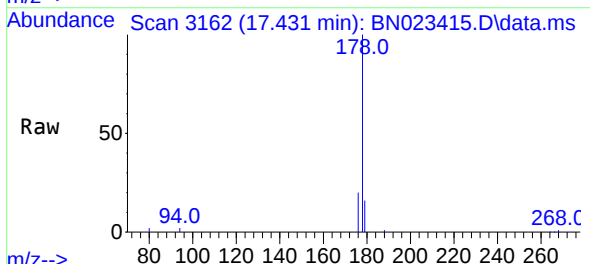
Tgt Ion:153 Resp: 921
Ion Ratio Lower Upper
153 100
152 56.9 41.0 61.4
154 89.1 69.5 104.3

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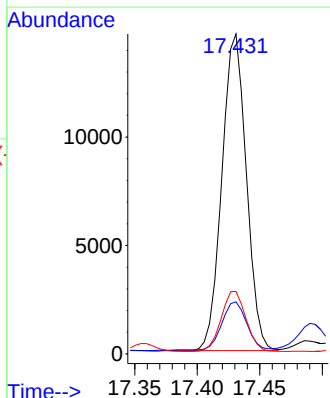
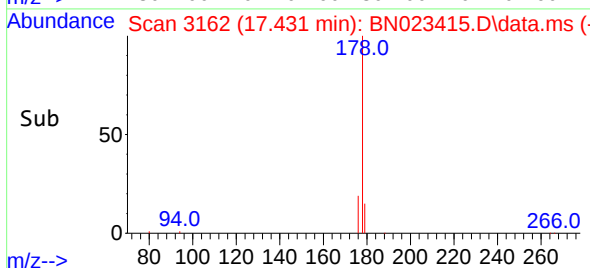
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

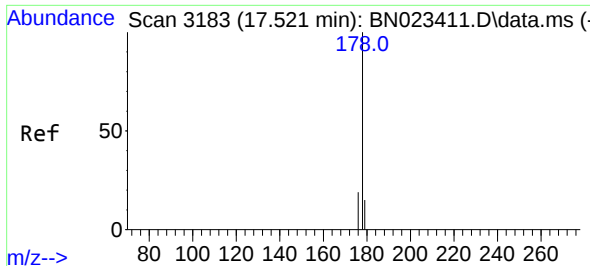


#15
Phenanthrene
Concen: 0.211 ng/u1
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51



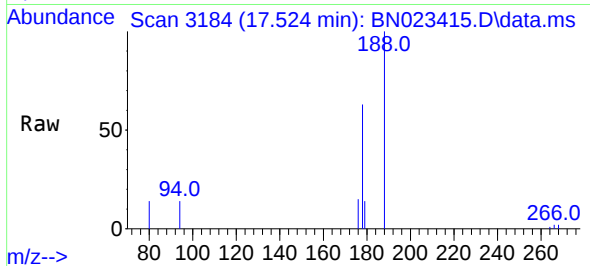
Tgt Ion:178 Resp: 19858
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.5 15.7 23.5





#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.524 min Scan# 3183
 Delta R.T. -0.002 min
 Lab File: BN023415.D
 Acq: 24 Dec 2022 17:51

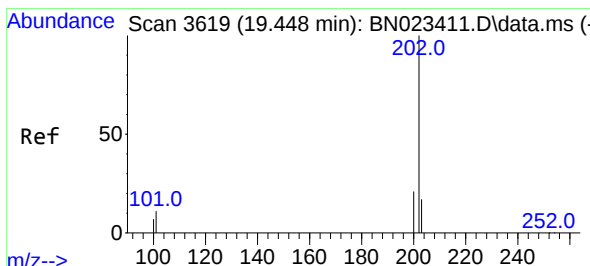
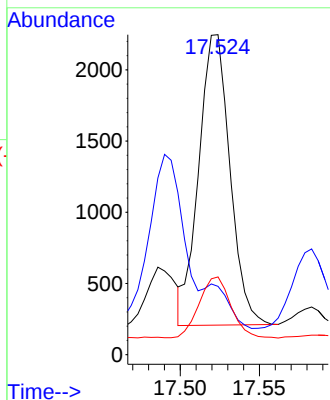
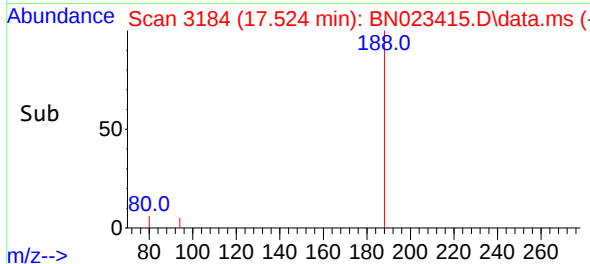
Instrument :
 BNA_N
 ClientSampleId :
 DBXW5



Tgt Ion:178 Resp: 279
 Ion Ratio Lower Upper
 178 100
 179 21.4 12.6 18.8
 176 24.3 15.4 23.0

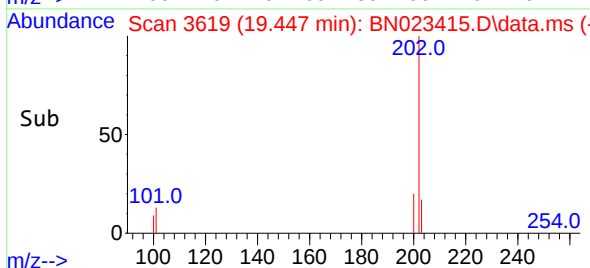
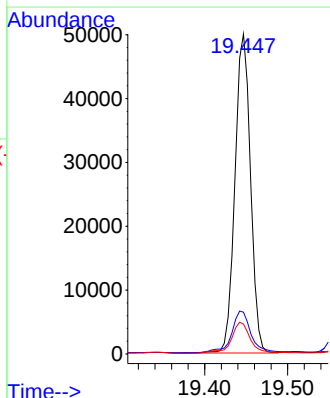
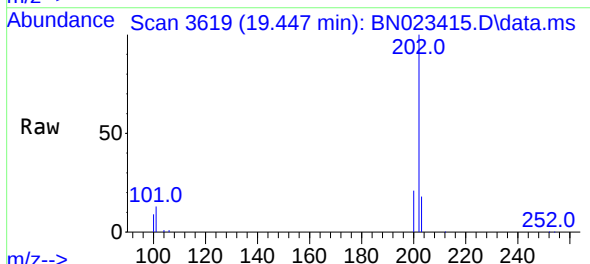
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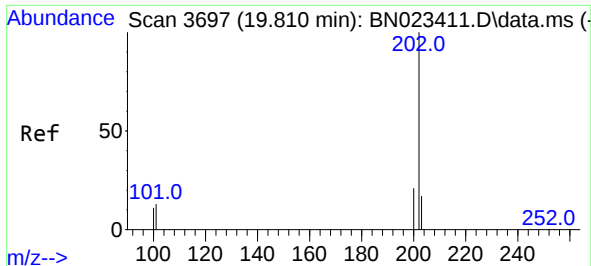
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.654 ng/ul
 RT: 19.447 min Scan# 3619
 Delta R.T. -0.002 min
 Lab File: BN023415.D
 Acq: 24 Dec 2022 17:51

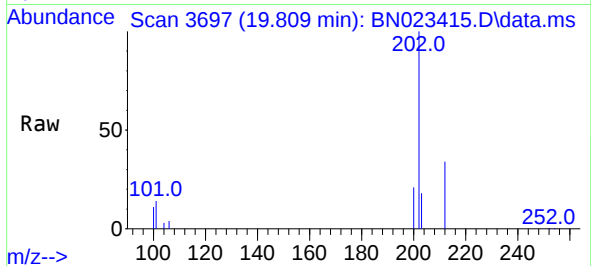
Tgt Ion:202 Resp: 65222
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.4 14.2
 100 9.4 7.0 10.6





#20
Pyrene
Concen: 0.499 ng/ul m
RT: 19.809 min Scan# 3697
Delta R.T. -0.002 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

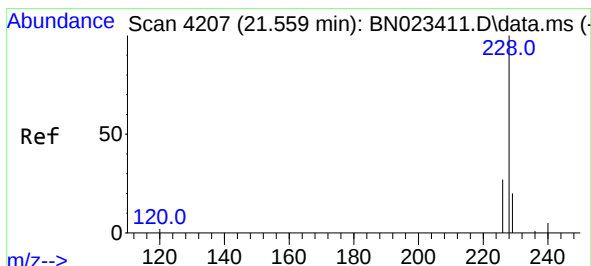
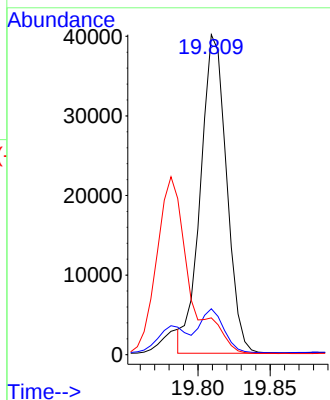
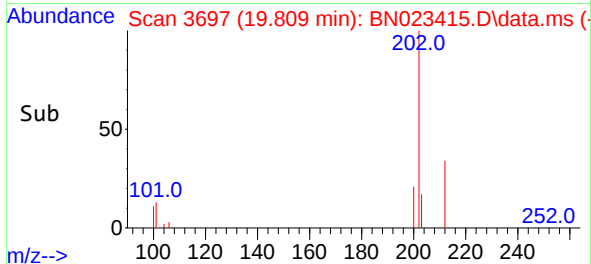
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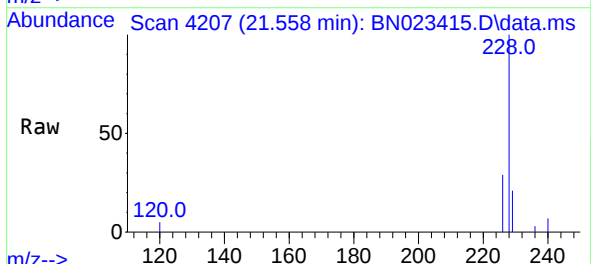
Tgt Ion:202 Resp: 5023
Ion Ratio Lower Upper
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101 14.4 11.3 16.9
100 11.5 9.0 13.4

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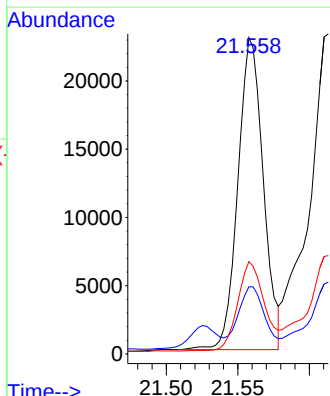
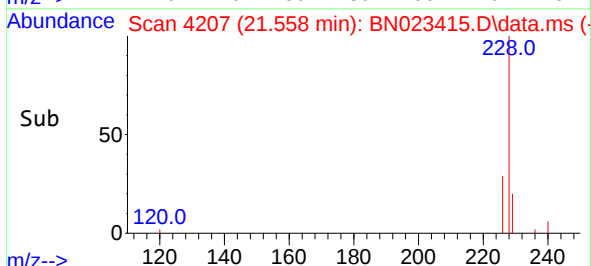
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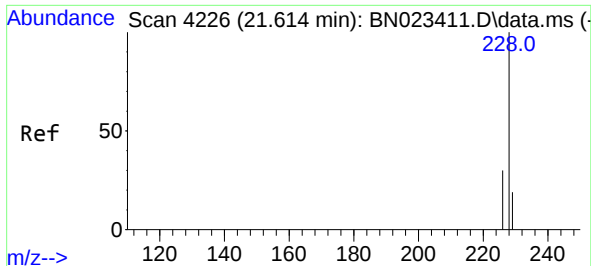


#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51



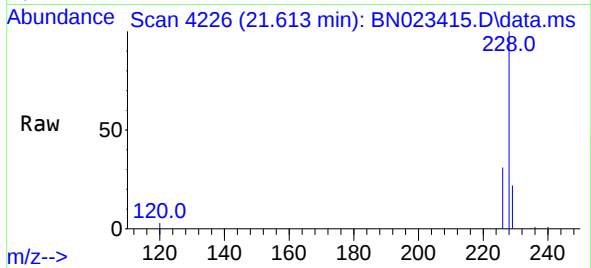
Tgt Ion:228 Resp: 28204
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 29.2 22.2 33.2





#22
Chrysene
Concen: 0.438 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

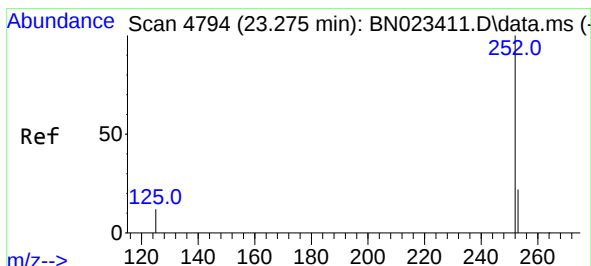
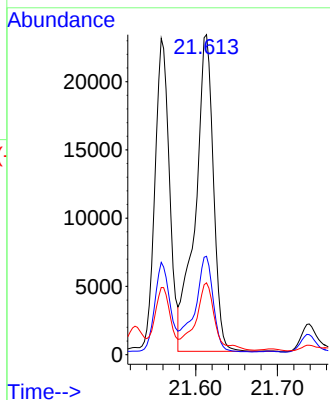
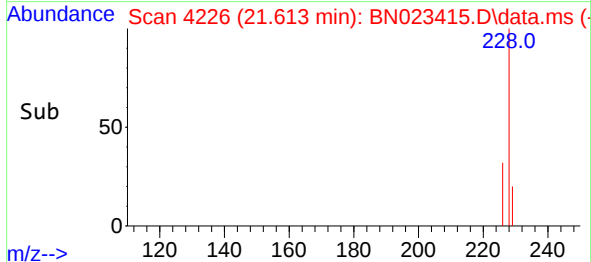
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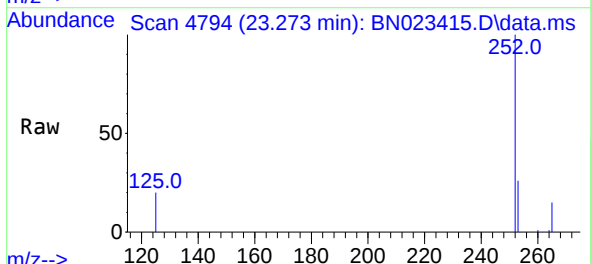
Tgt Ion:228 Resp: 3569
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.4 15.8 23.6

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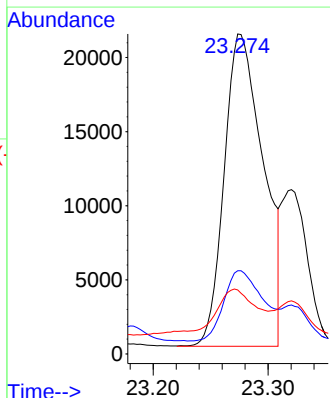
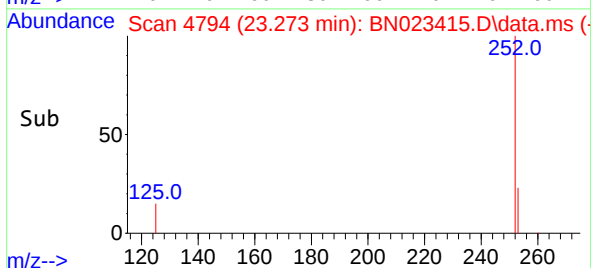
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

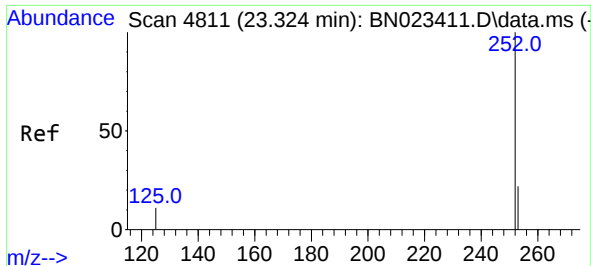


#24
Benzo(b)fluoranthene
Concen: 0.600 ng/ul m
RT: 23.273 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51



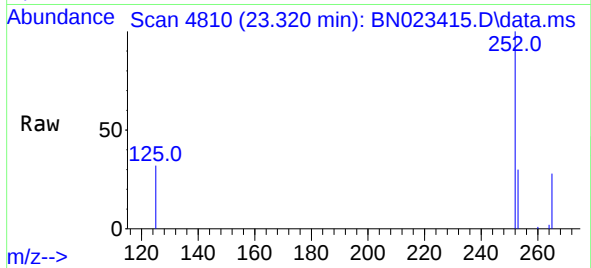
Tgt Ion:252 Resp: 49800
Ion Ratio Lower Upper
252 100
253 26.0 0.0 49.2
125 20.0 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.211 ng/ul m
RT: 23.320 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

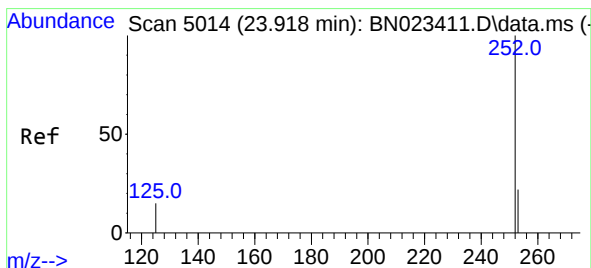
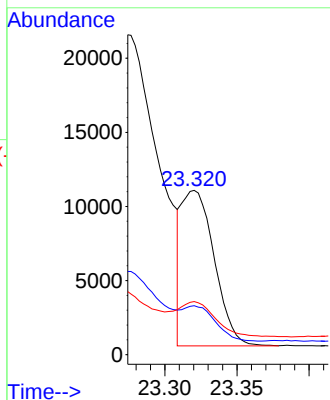
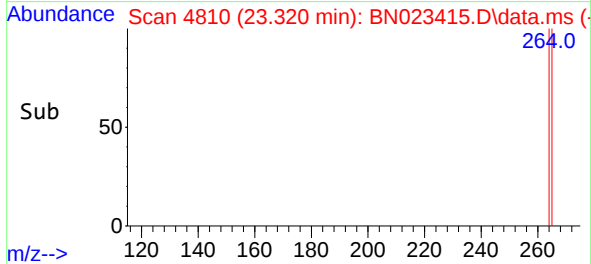
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BNA_N
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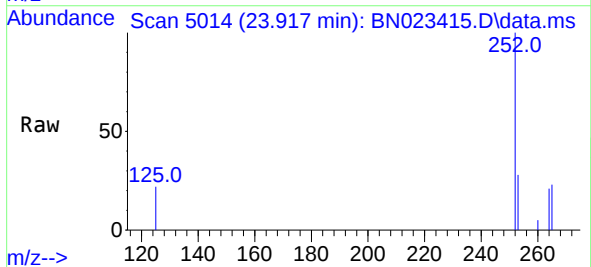
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Ion Ratio Lower Upper
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125 32.3 12.6 18.8

Manual Integrations
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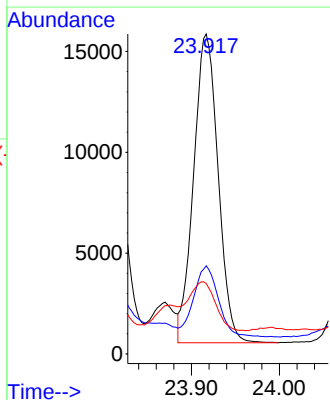
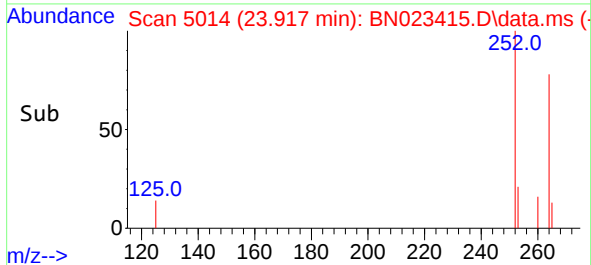
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

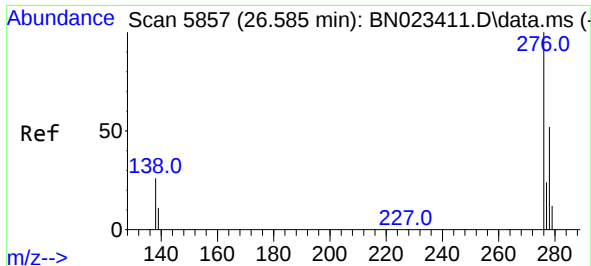


#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 23.917 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51



Tgt Ion:252 Resp: 29620
Ion Ratio Lower Upper
252 100
253 27.6 21.4 32.2
125 22.0 16.2 24.4





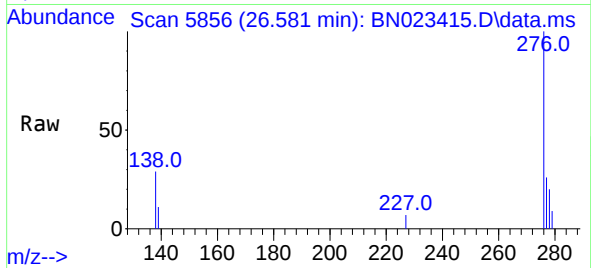
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.581 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51

Instrument :

BNA_N

ClientSampleId :

DBXW5

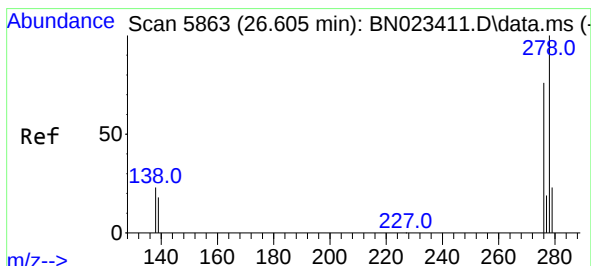
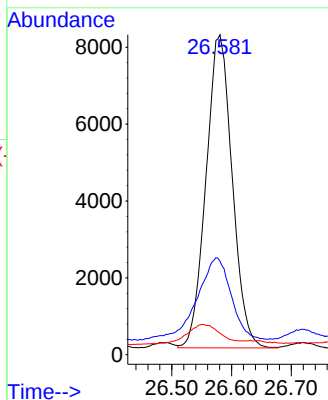
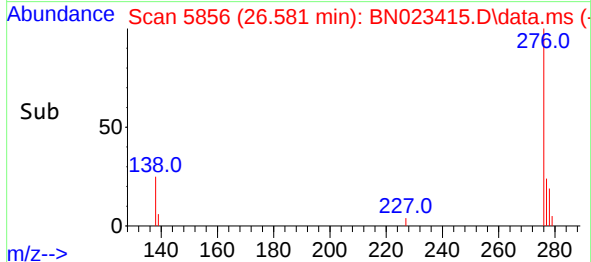


Tgt Ion:276 Resp: 24809
Ion Ratio Lower Upper
276 100
138 34.7 23.4 35.2
227 0.0 0.0 0.0

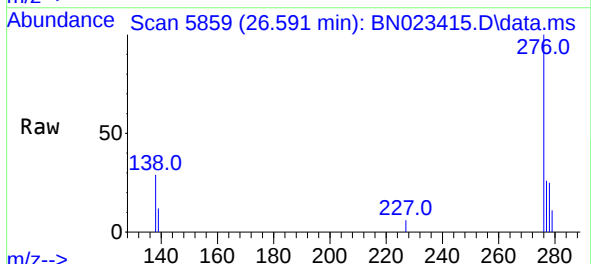
Manual Integrations

APPROVED

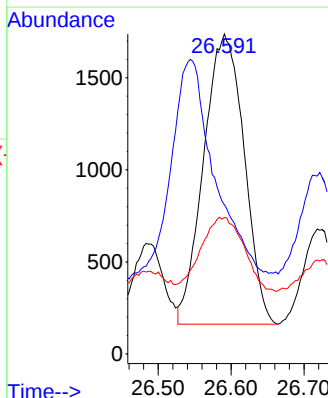
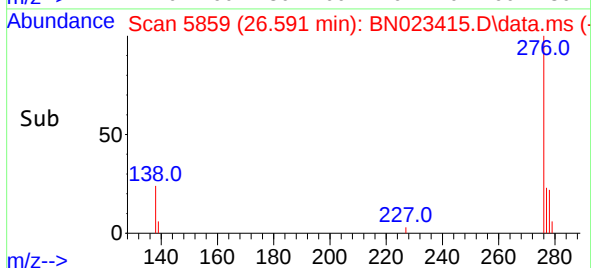
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

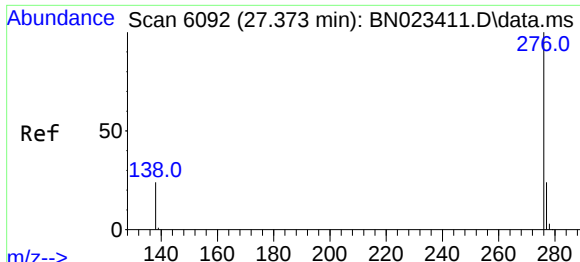


#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.591 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023415.D
Acq: 24 Dec 2022 17:51



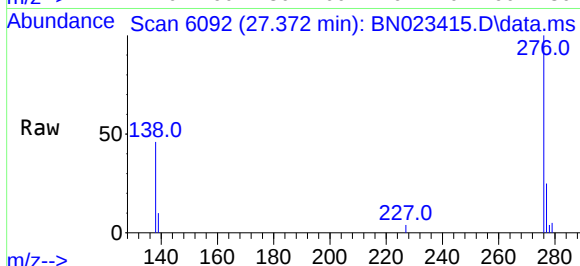
Tgt Ion:278 Resp: 6073
Ion Ratio Lower Upper
278 100
139 46.6 16.6 24.8#
279 42.6 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.399 ng/ul
 RT: 27.372 min Scan# 6092
 Delta R.T. 0.003 min
 Lab File: BN023415.D
 Acq: 24 Dec 2022 17:51

Instrument :
 BNA_N
 ClientSampleId :
 DBXW5



Tgt Ion: 276 Resp: 24969

Ion	Ratio	Lower	Upper
276	100		
138	46.0	20.3	30.5
277	25.3	19.7	29.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

