

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023388.D
 Acq On : 24 Dec 2022 01:05
 Operator : CG/JU
 Sample : N6008-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYB5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 03:09:09 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	7.994	152	7196	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	23653	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	14188	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	32539	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	22099	0.400	ng/ul	0.00
23) Perylene-d12	24.027	264	16921	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	36368	4.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	11878	0.325	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	27839	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	24903	0.359	ng/ul	99
7) 2-Methylnaphthalene	12.470	142	15698	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	11547	0.252	ng/ul	100
10) Acenaphthylene	14.363	152	28631	0.455	ng/ul	99
11) Acenaphthene	14.701	153	5613	0.106	ng/ul	99
12) Fluorene	15.691	166	7844	0.132	ng/ul	99
15) Phenanthrene	17.428	178	128696	1.215	ng/ul	100
16) Anthracene	17.521	178	33214	0.378	ng/ul	99
19) Fluoranthene	19.448	202	346919	3.236	ng/ul	99
20) Pyrene	19.811	202	286876m	2.655	ng/ul	
21) Benzo(a)anthracene	21.560	228	161477	1.877	ng/ul	98
22) Chrysene	21.616	228	169078	1.932	ng/ul	98
24) Benzo(b)fluoranthene	23.276	252	233871m	2.672	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	83934m	1.022	ng/ul	
26) Benzo(a)pyrene	23.919	252	134845	1.946	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.584	276	95625	1.182	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.597	278	23890	0.381	ng/ul	93
29) Benzo(g,h,i)perylene	27.372	276	91380	1.386	ng/ul	97

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

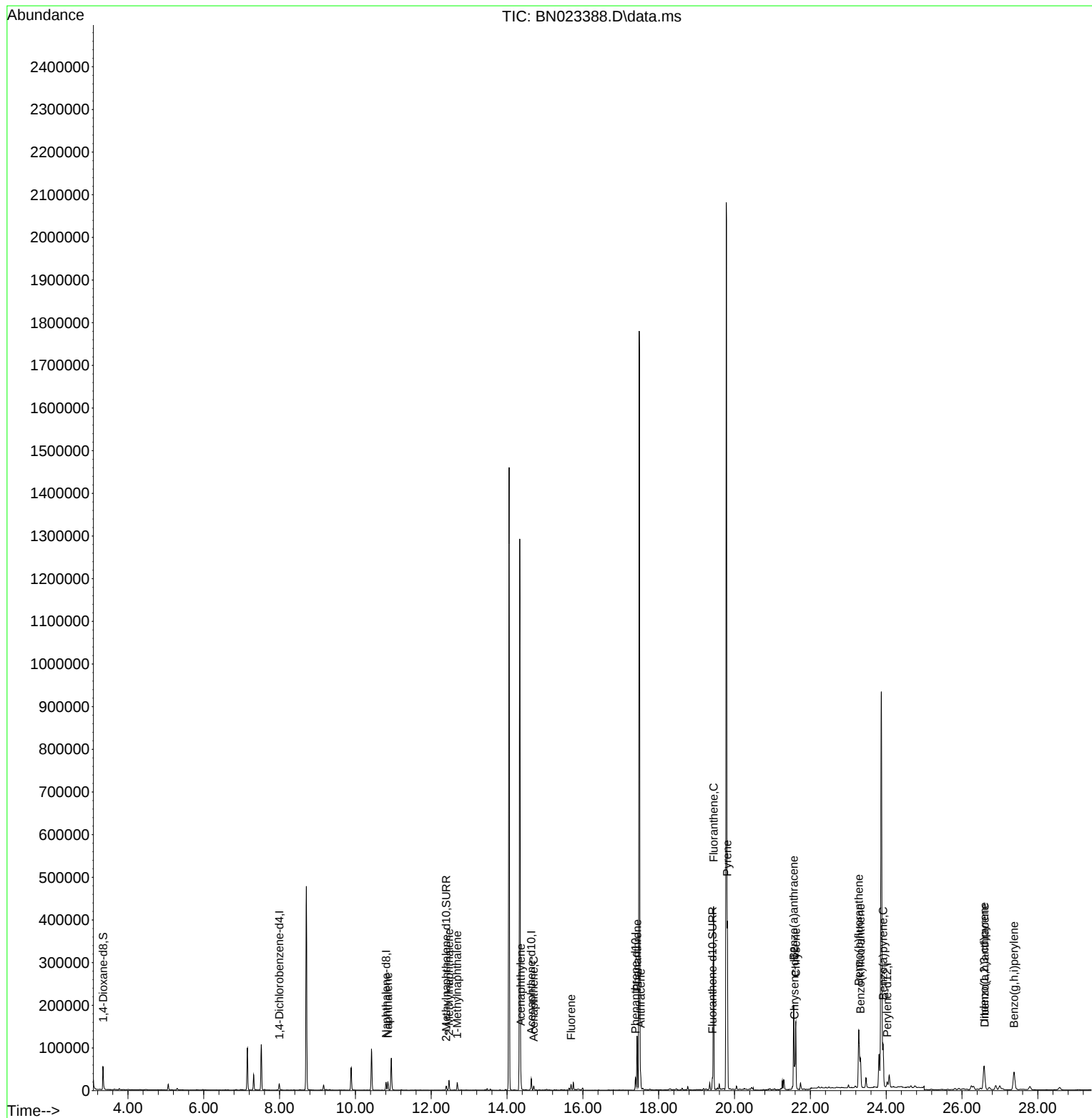
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023388.D
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Sample : N6008-08
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ALS Vial : 14 Sample Multiplier: 1

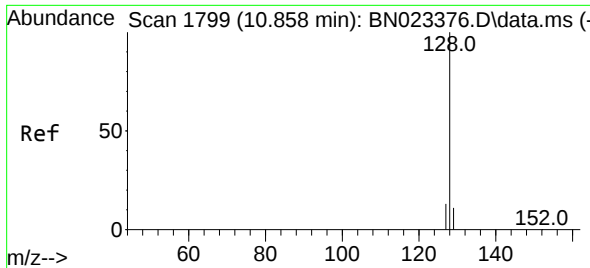
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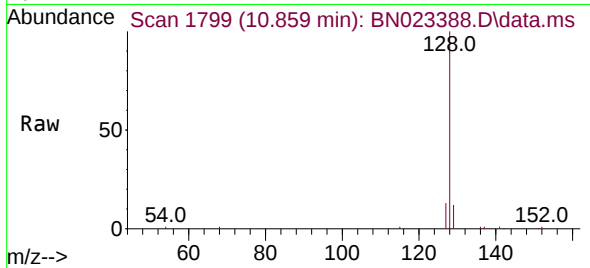
Quant Time: Dec 24 03:09:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

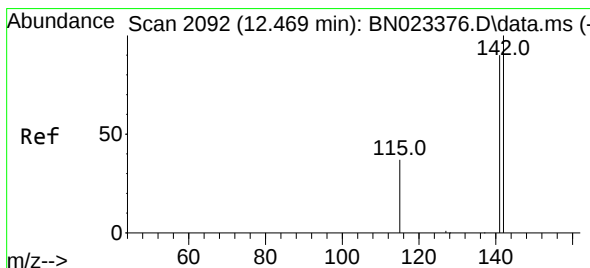
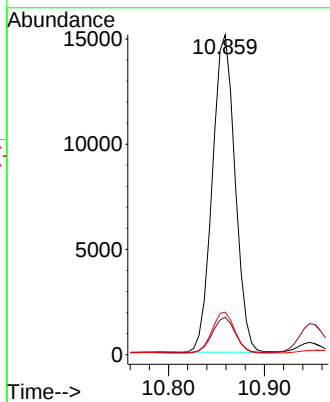
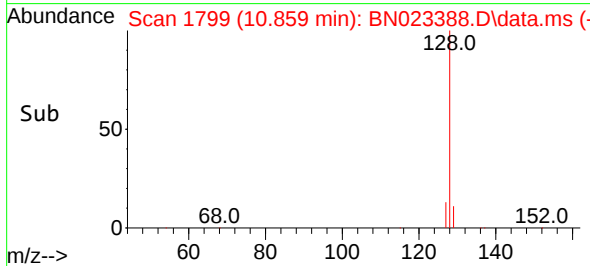
Instrument :
BNA_N
ClientSampleId :
DBYB5



Tgt Ion:128 Resp: 24903
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.3 10.7 16.1

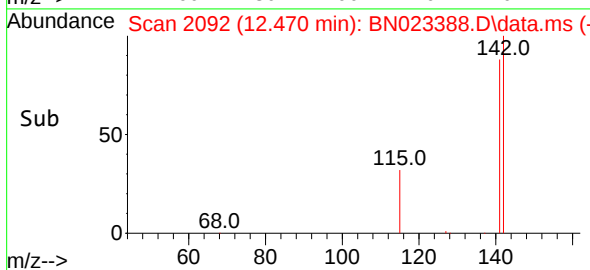
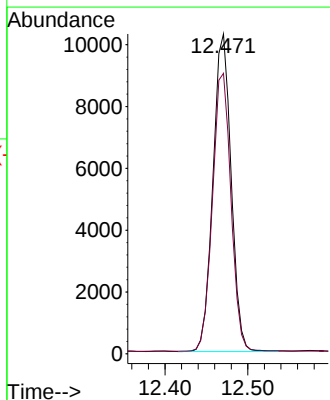
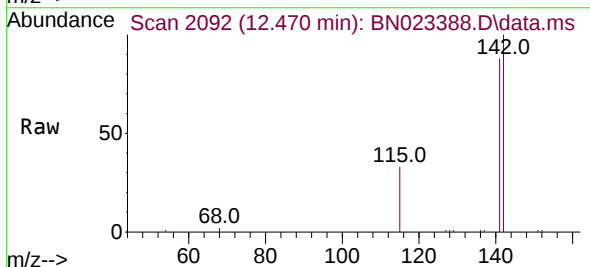
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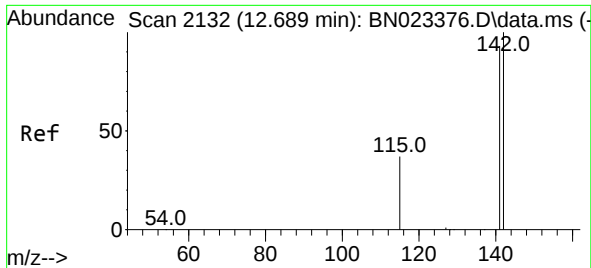
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

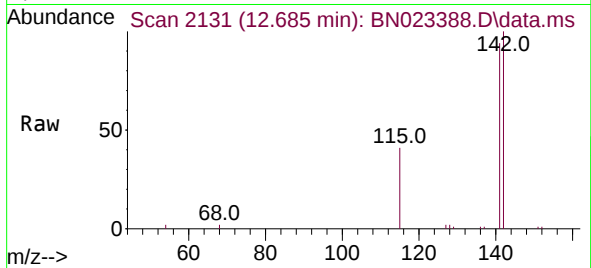
Tgt Ion:142 Resp: 15698
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.685 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

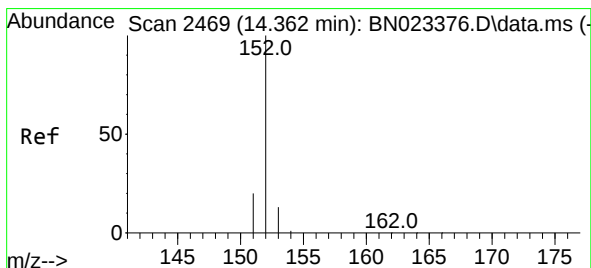
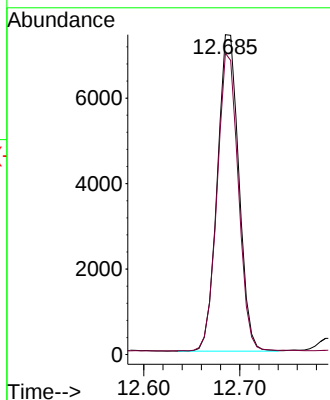
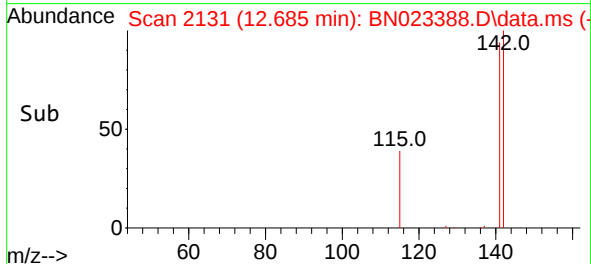
Instrument :
BNA_N
ClientSampleId :
DBYB5



Tgt Ion:142 Resp: 1154
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0

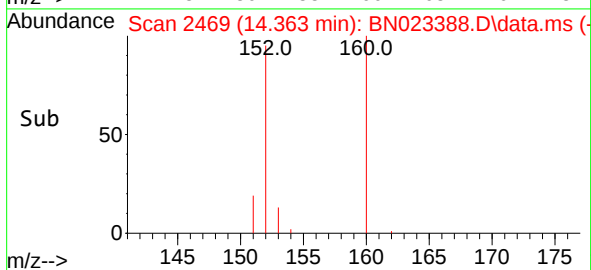
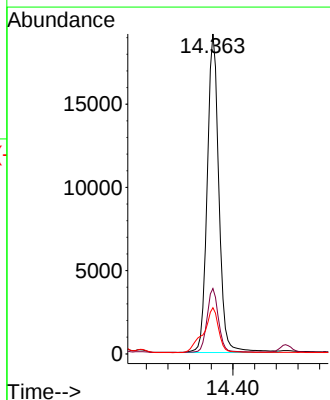
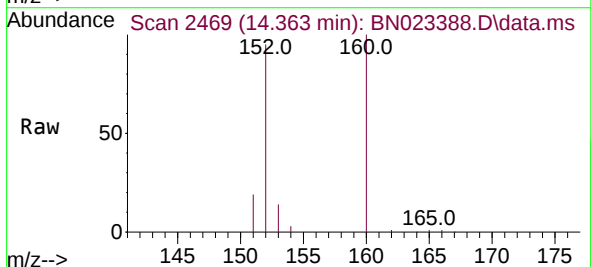
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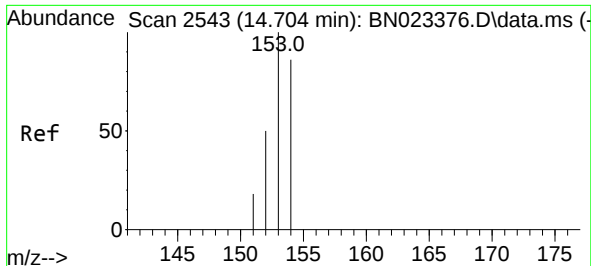
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

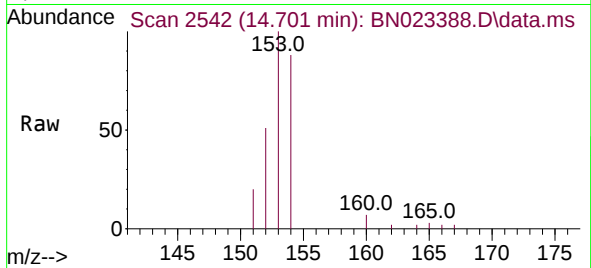
Tgt Ion:152 Resp: 28631
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.106 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

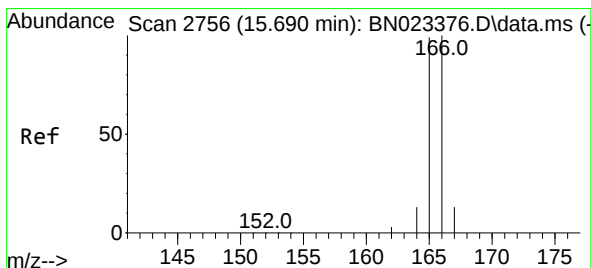
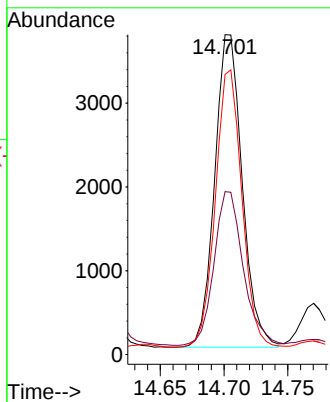
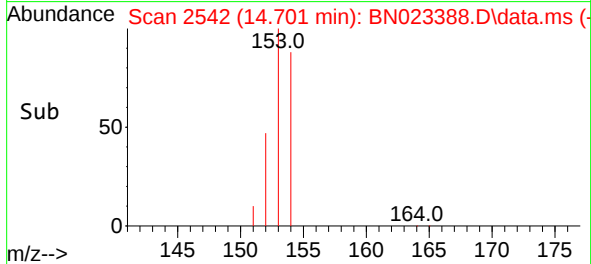
Instrument :
BNA_N
ClientSampleId :
DBYB5



Tgt Ion:153 Resp: 5613
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 87.6 69.5 104.3

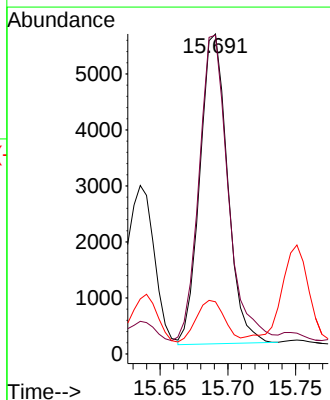
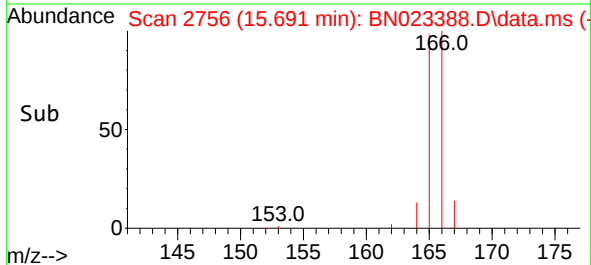
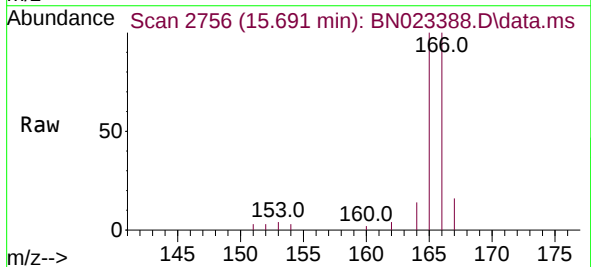
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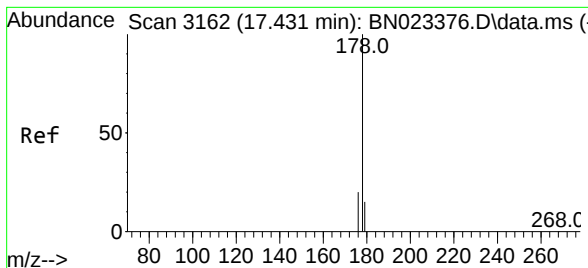
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

Tgt Ion:166 Resp: 7844
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 16.3 11.0 16.4





#15

Phenanthrene

Concen: 1.215 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BN023388.D

Acq: 24 Dec 2022 01:05

Instrument :

BNA_N

ClientSampleId :

DBYB5

Tgt Ion:178 Resp: 128696

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

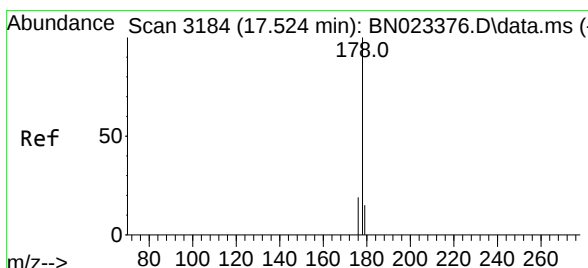
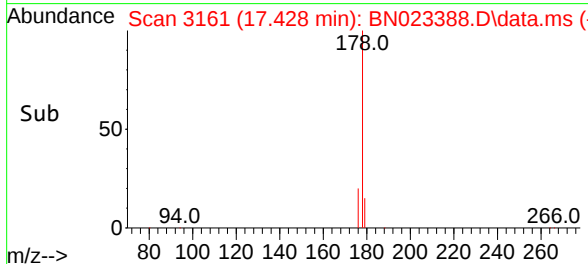
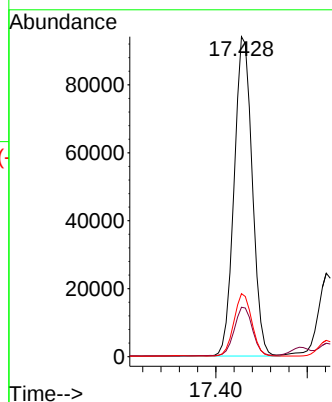
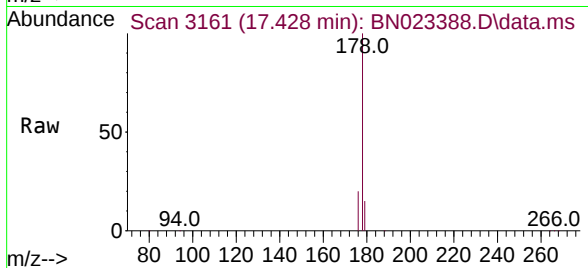
176 19.7 15.7 23.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/24/2022

Supervised By :Yogesh Patel 12/24/2022



#16

Anthracene

Concen: 0.378 ng/ul

RT: 17.521 min Scan# 3183

Delta R.T. -0.005 min

Lab File: BN023388.D

Acq: 24 Dec 2022 01:05

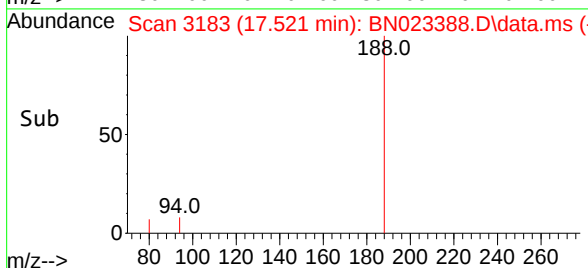
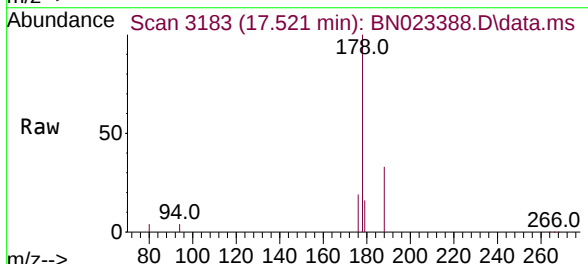
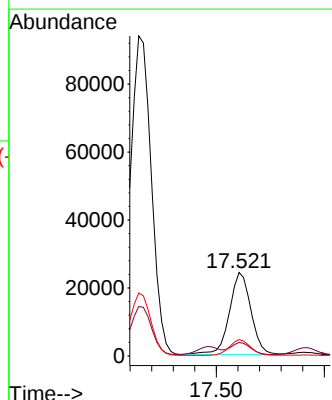
Tgt Ion:178 Resp: 33214

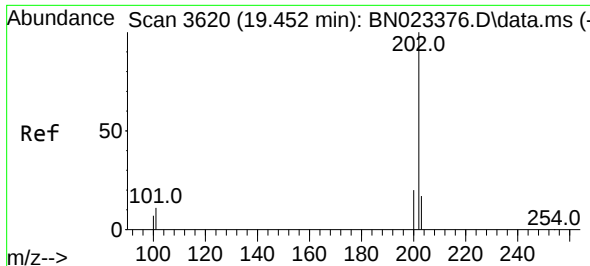
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

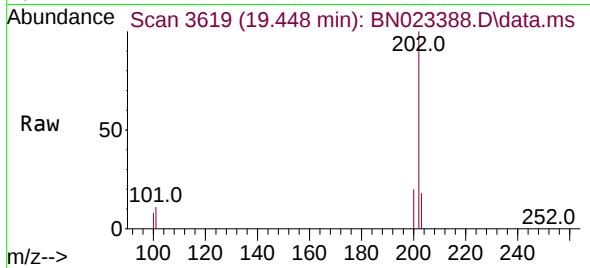
176 19.4 15.4 23.0





#19
Fluoranthene
Concen: 3.236 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

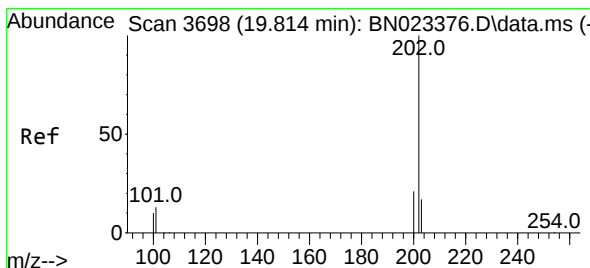
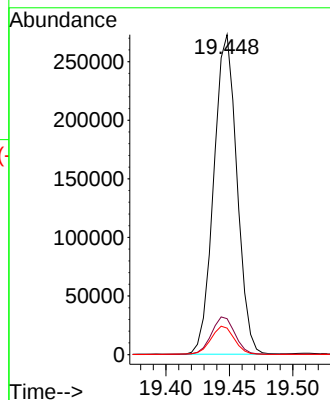
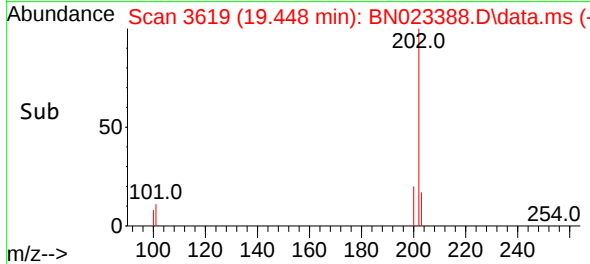
Instrument :
BNA_N
ClientSampleId :
DBYB5



Tgt Ion:202 Resp: 346919
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 8.3 7.0 10.6

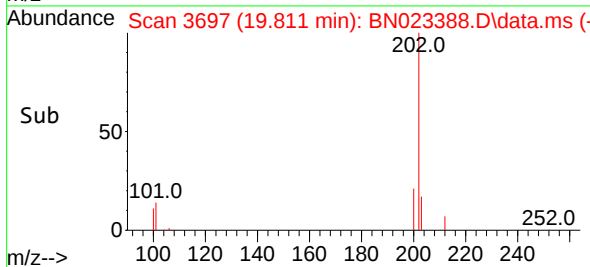
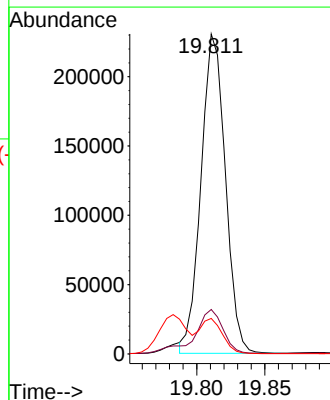
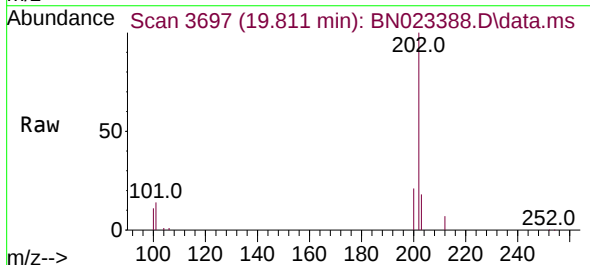
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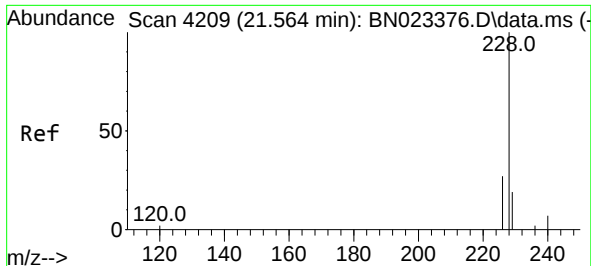
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 2.655 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

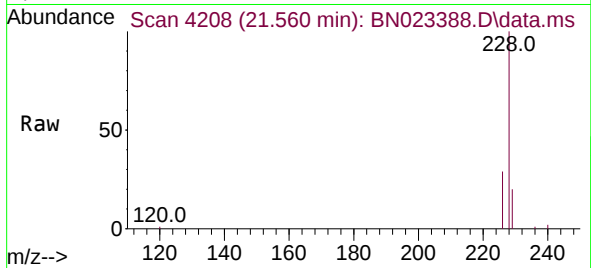
Tgt Ion:202 Resp: 286876
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 1.877 ng/ul
RT: 21.560 min Scan# 4209
Delta R.T. -0.001 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

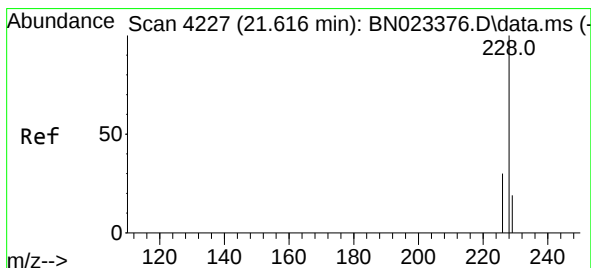
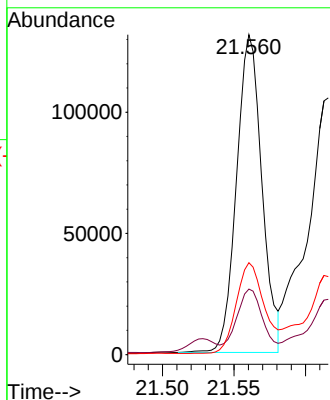
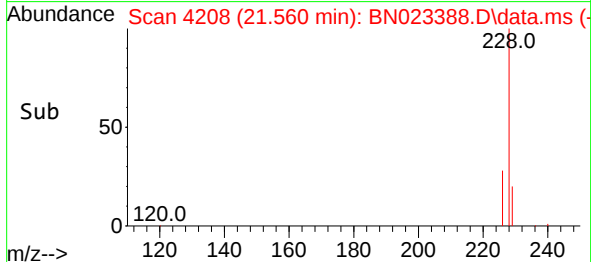
Instrument :
BNA_N
ClientSampleId :
DBYB5



Tgt Ion:228 Resp: 161472
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.7 22.2 33.2

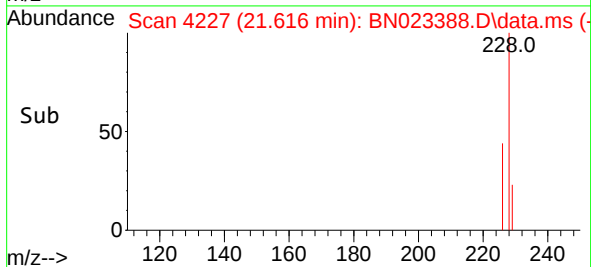
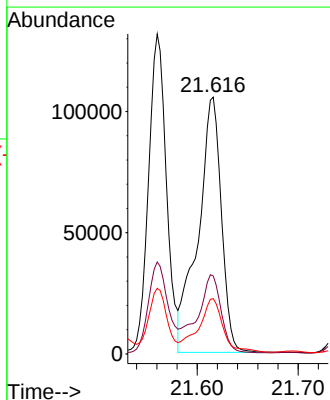
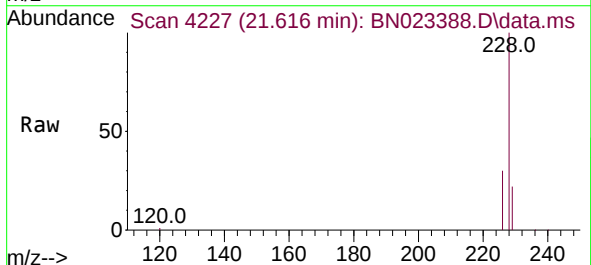
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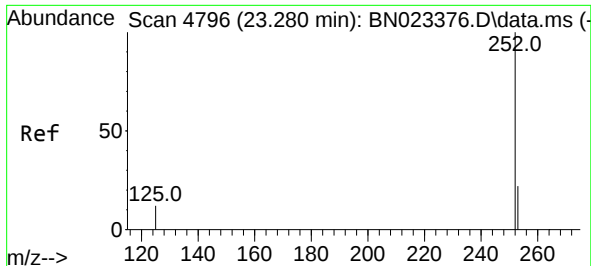
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#22
Chrysene
Concen: 1.932 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

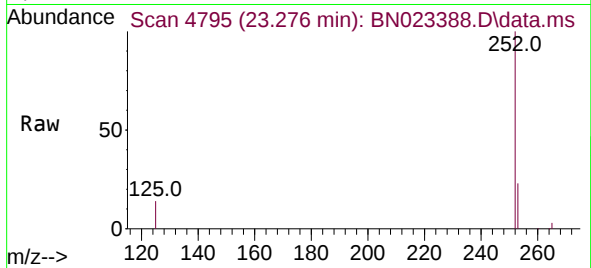
Tgt Ion:228 Resp: 169078
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.672 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

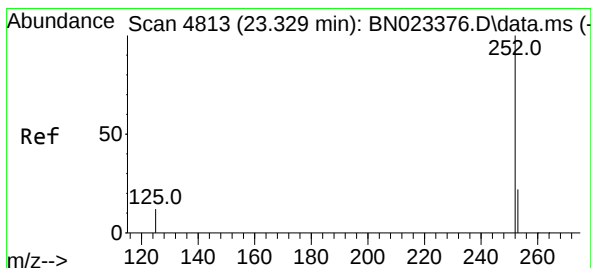
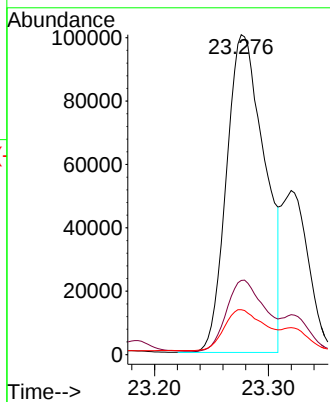
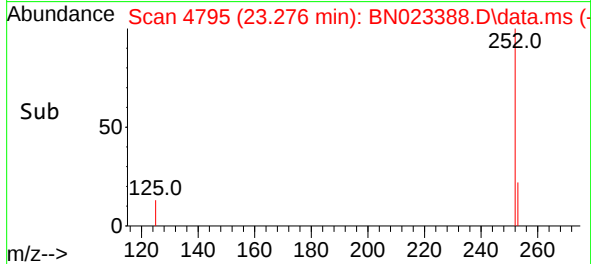
Instrument :
BNA_N
ClientSampleId :
DBYB5



Tgt Ion:252 Resp: 23387
Ion Ratio Lower Upper
252 100
253 23.2 0.0 49.2
125 14.0 0.0 31.8

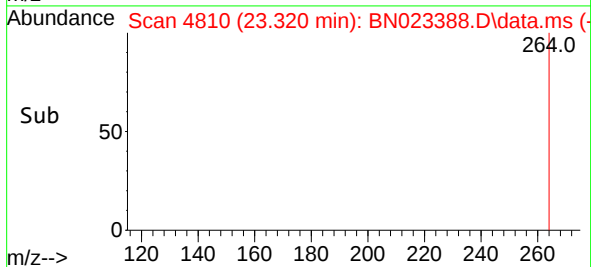
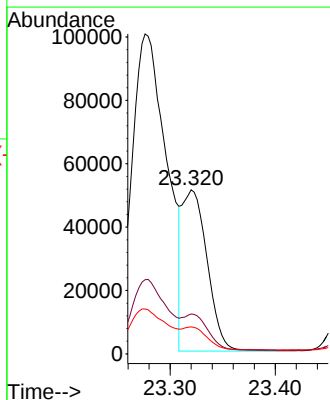
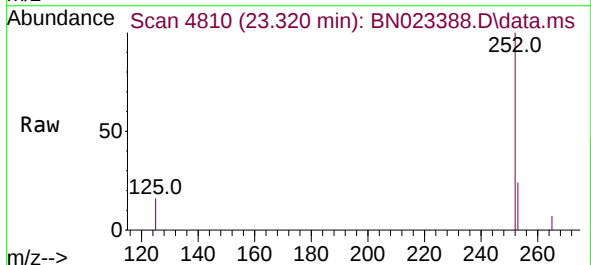
Manual Integrations
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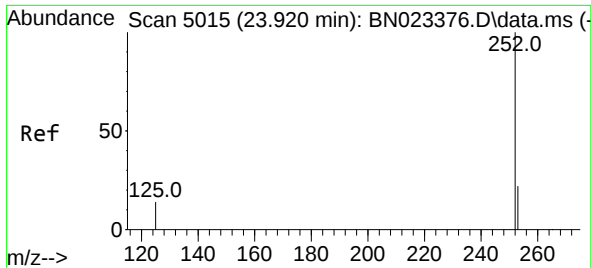
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 1.022 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

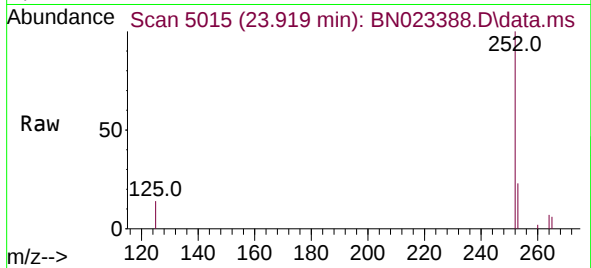
Tgt Ion:252 Resp: 83934
Ion Ratio Lower Upper
252 100
253 24.3 19.8 29.6
125 16.5 12.6 18.8





#26
Benzo(a)pyrene
Concen: 1.946 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

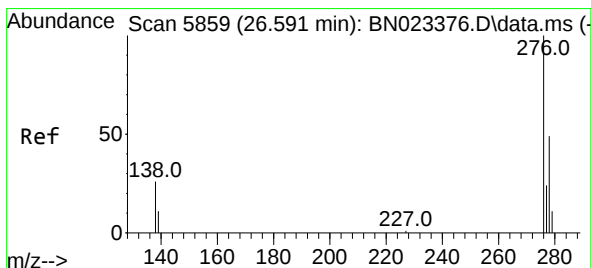
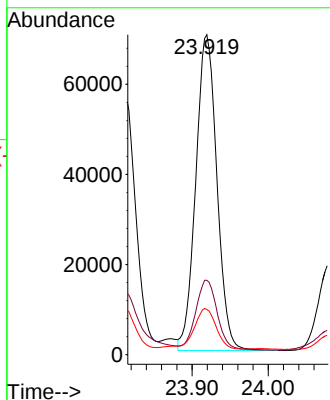
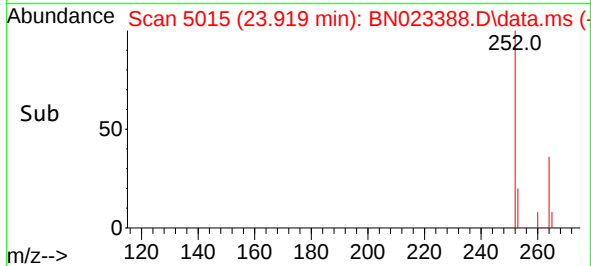
Instrument :
BNA_N
ClientSampleId :
DBYB5



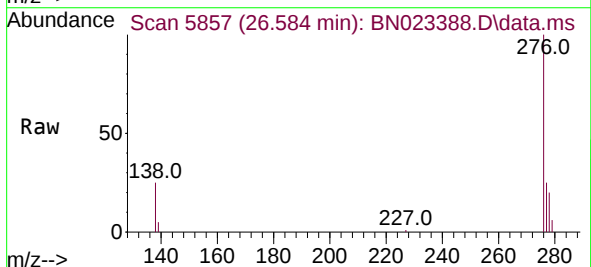
Tgt Ion:252 Resp: 134845
Ion Ratio Lower Upper
252 100
253 23.2 21.4 32.2
125 14.1 16.2 24.4

Manual Integrations
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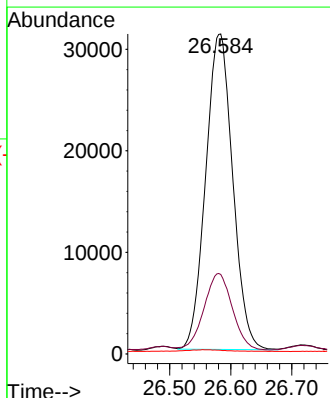
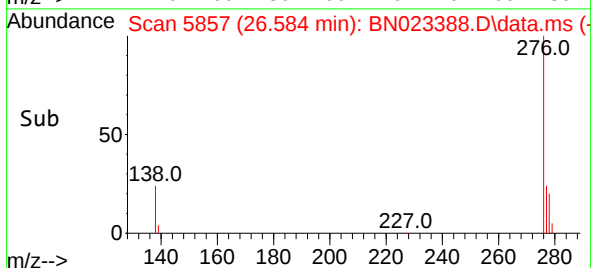
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

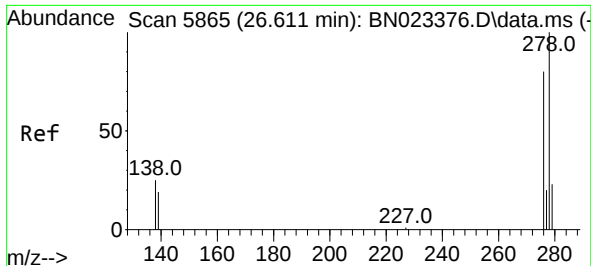


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.182 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05



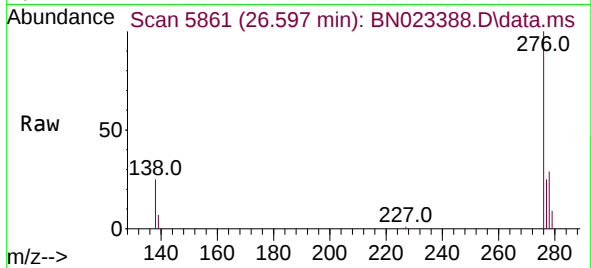
Tgt Ion:276 Resp: 95625
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.597 min Scan# 5865
Delta R.T. -0.004 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05

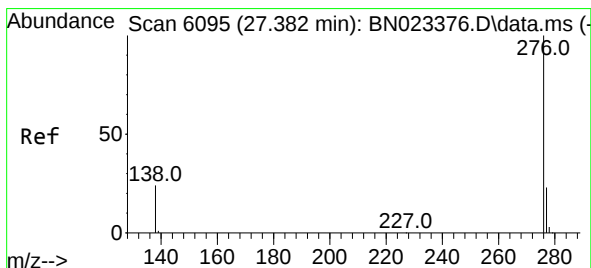
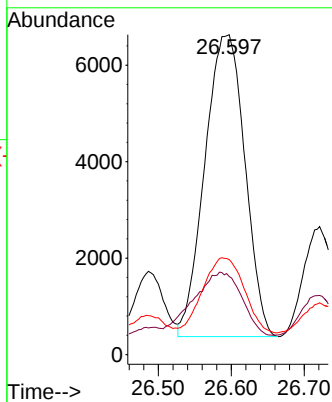
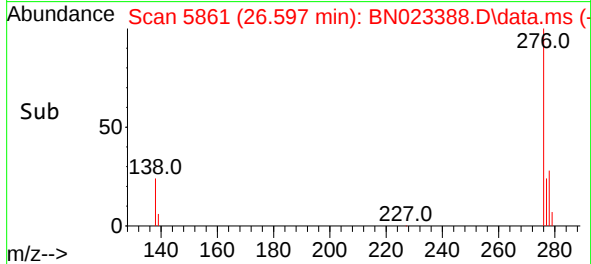
Instrument :
BNA_N
ClientSampleId :
DBYB5



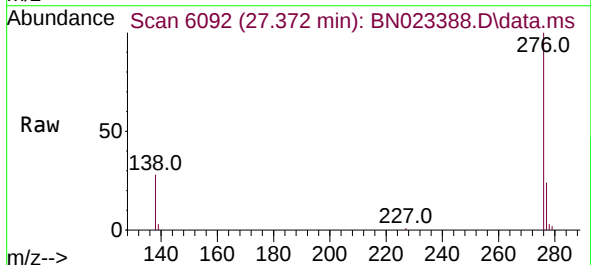
Tgt Ion:278 Resp: 23890
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 29.7 21.3 31.9

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Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 1.386 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.003 min
Lab File: BN023388.D
Acq: 24 Dec 2022 01:05



Tgt Ion:276 Resp: 91380
Ion Ratio Lower Upper
276 100
138 27.8 20.3 30.5
277 24.1 19.7 29.5

