

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023386.D
 Acq On : 23 Dec 2022 23:53
 Operator : CG/JU
 Sample : N6008-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYB4

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:08:44 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	8250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	27016	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	15843	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	37089	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	25787	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	20083	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	35601	3.972	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	10034	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	23735	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	6033	0.076	ng/ul	96
7) 2-Methylnaphthalene	12.470	142	2703	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	2082	0.040	ng/ul	99
10) Acenaphthylene	14.363	152	7096	0.101	ng/ul	96
11) Acenaphthene	14.705	153	3282	0.055	ng/ul	99
12) Fluorene	15.691	166	2684	0.040	ng/ul#	98
15) Phenanthrene	17.428	178	65489	0.542	ng/ul	100
16) Anthracene	17.521	178	12315	0.123	ng/ul	97
19) Fluoranthene	19.448	202	171131	1.368	ng/ul	99
20) Pyrene	19.810	202	133830m	1.061	ng/ul	
21) Benzo(a)anthracene	21.559	228	79611	0.793	ng/ul	98
22) Chrysene	21.612	228	89379	0.875	ng/ul	98
24) Benzo(b)fluoranthene	23.275	252	124147m	1.195	ng/ul	
25) Benzo(k)fluoranthene	23.322	252	39650m	0.407	ng/ul	
26) Benzo(a)pyrene	23.918	252	72387	0.880	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.579	276	53168	0.554	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.592	278	12965	0.174	ng/ul#	84
29) Benzo(g,h,i)perylene	27.373	276	52215	0.667	ng/ul	98

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

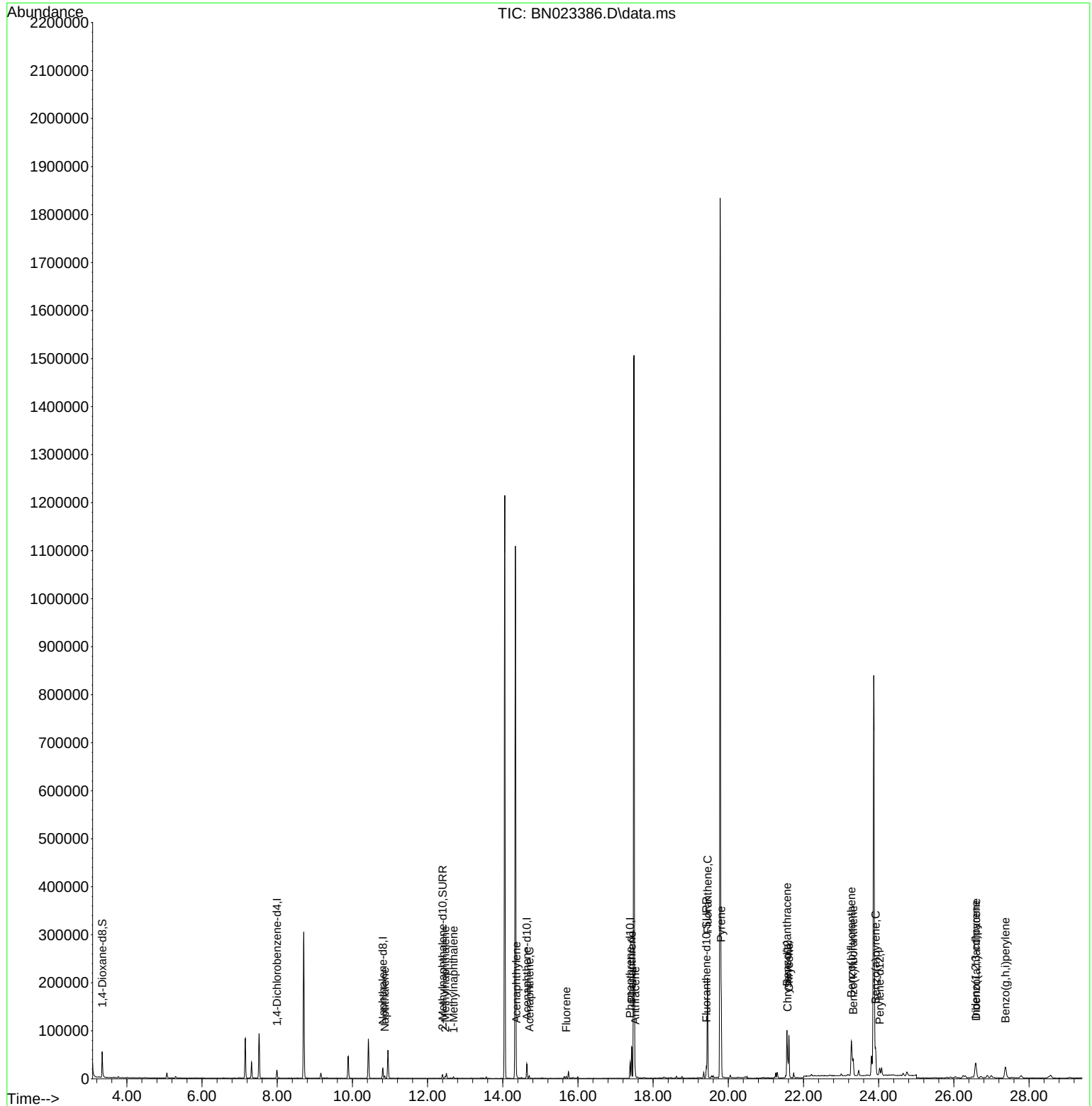
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023386.D
Acq On : 23 Dec 2022 23:53
Operator : CG/JU
Sample : N6008-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

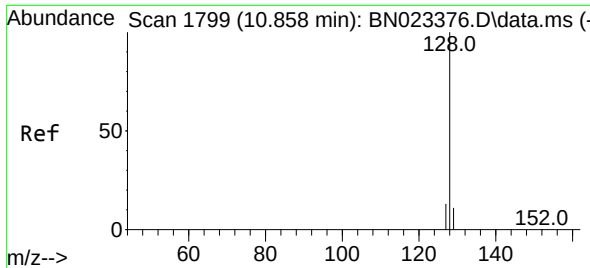
Instrument :
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DBYB4

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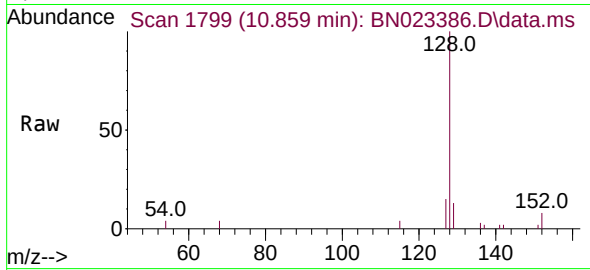
Quant Time: Dec 24 03:08:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

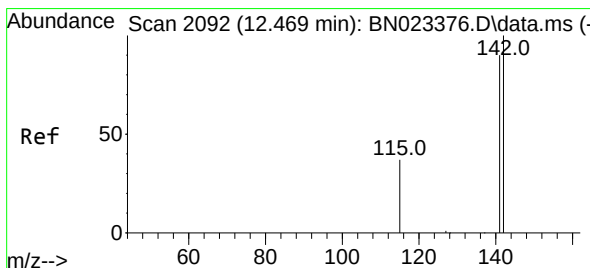
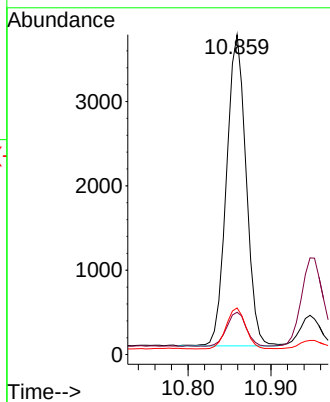
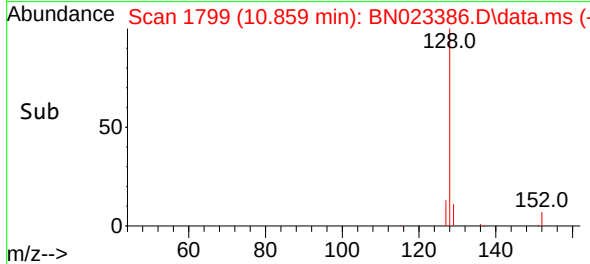
Instrument :
BNA_N
ClientSampleId :
DBYB4



Tgt Ion:128 Resp: 6033
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 14.6 10.7 16.1

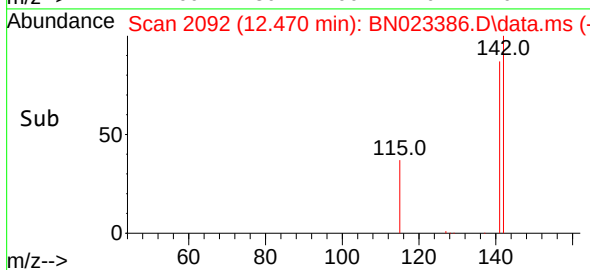
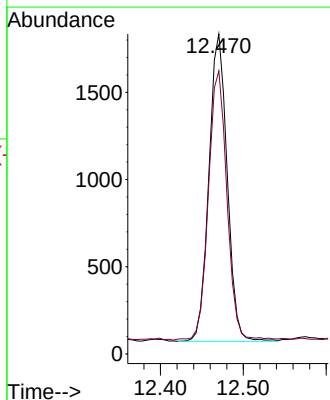
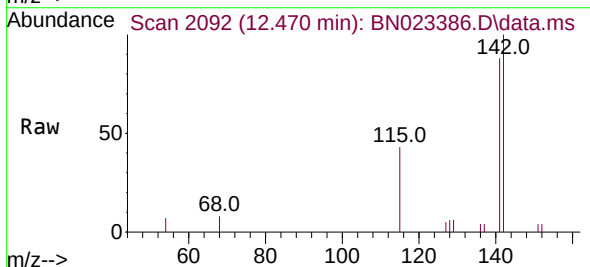
Manual Integrations
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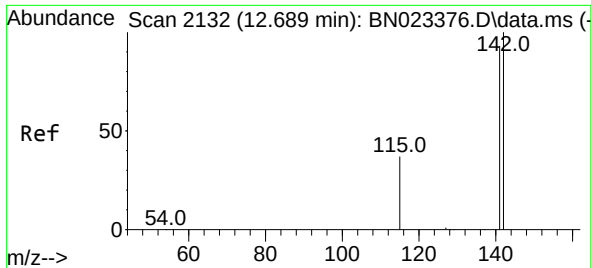
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

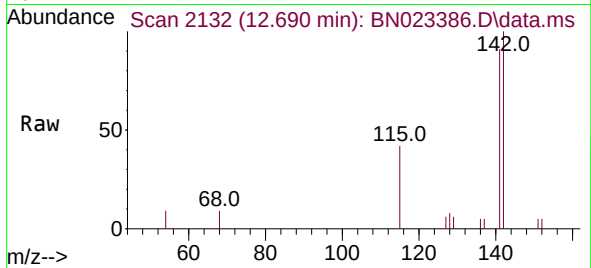
Tgt Ion:142 Resp: 2703
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.690 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

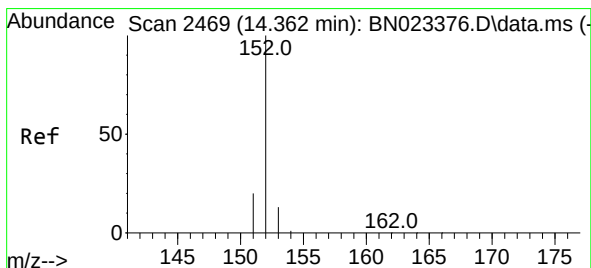
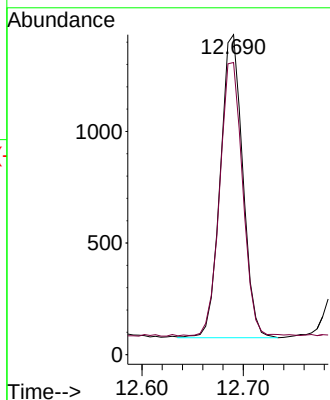
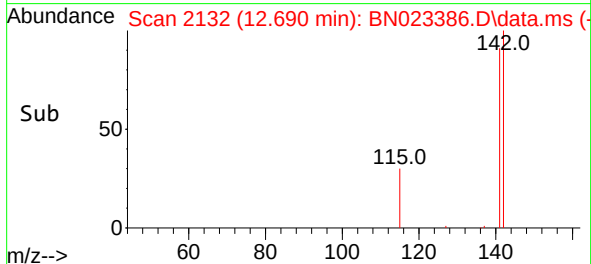
Instrument :
BNA_N
ClientSampleId :
DBYB4



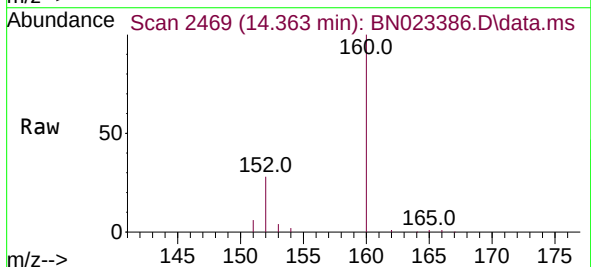
Tgt Ion:142 Resp: 2082
Ion Ratio Lower Upper
142 100
141 91.6 74.0 111.0

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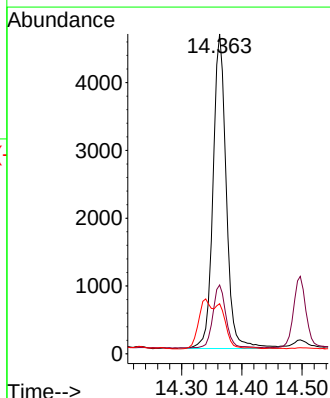
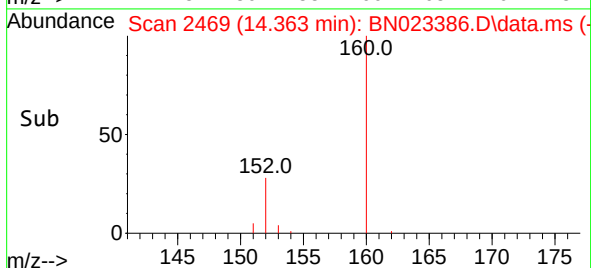
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

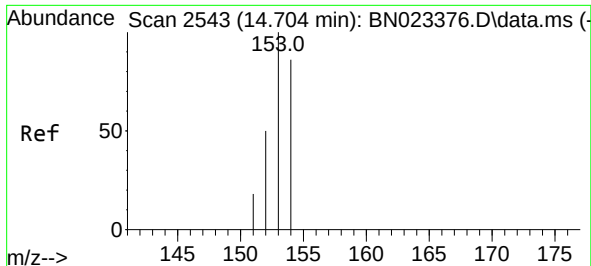


#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53



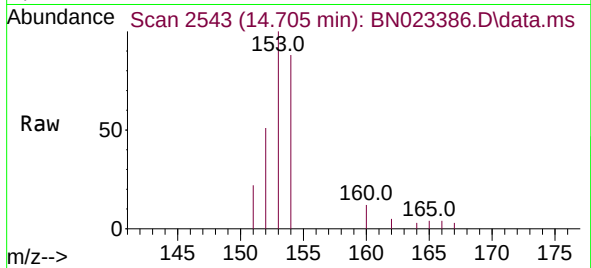
Tgt Ion:152 Resp: 7096
Ion Ratio Lower Upper
152 100
151 21.5 16.1 24.1
153 15.7 10.9 16.3





#11
Acenaphthene
Concen: 0.055 ng/u1
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

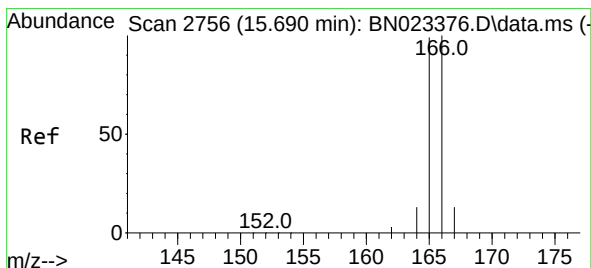
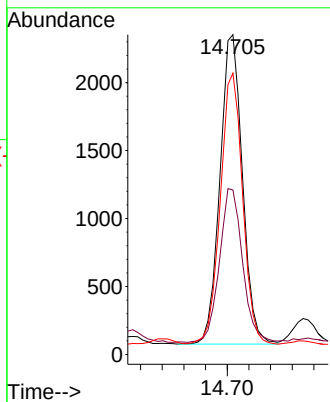
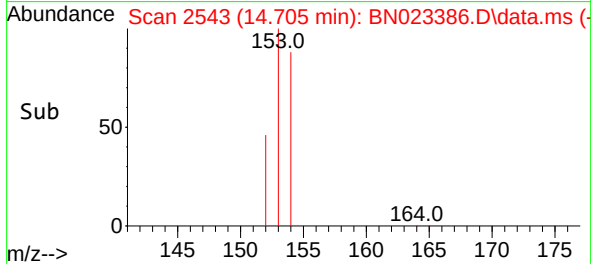
Instrument :
BNA_N
ClientSampleId :
DBYB4



Tgt Ion:153 Resp: 3282
Ion Ratio Lower Upper
153 100
152 51.4 41.0 61.4
154 87.9 69.5 104.3

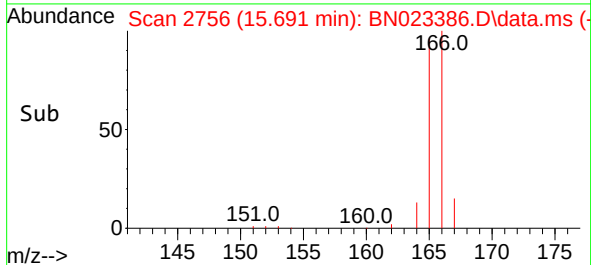
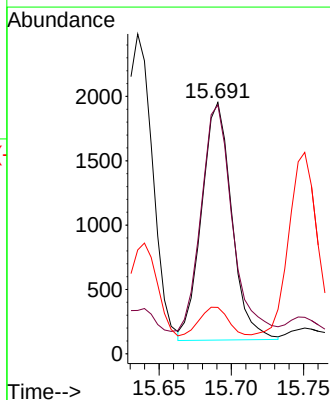
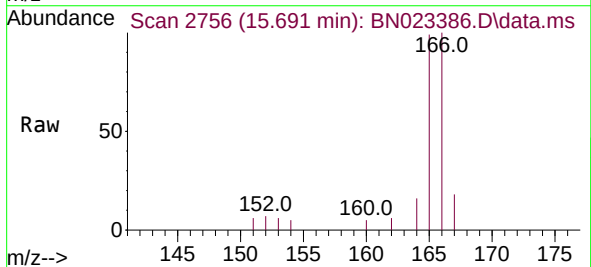
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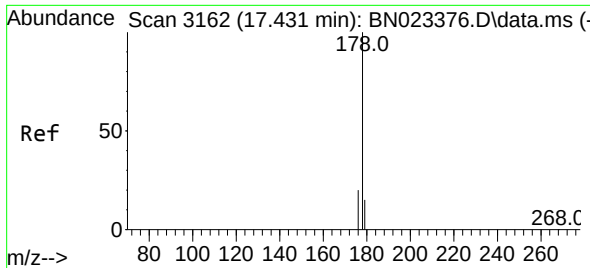
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#12
Fluorene
Concen: 0.040 ng/u1
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

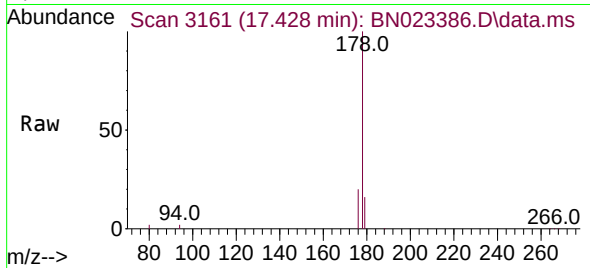
Tgt Ion:166 Resp: 2684
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 18.5 11.0 16.4#





#15
Phenanthrene
Concen: 0.542 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

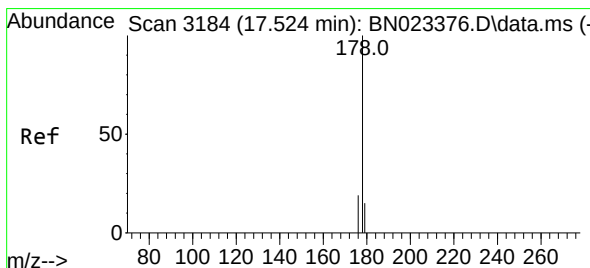
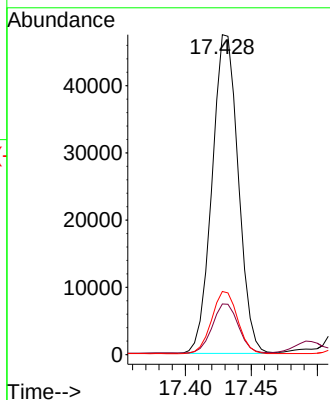
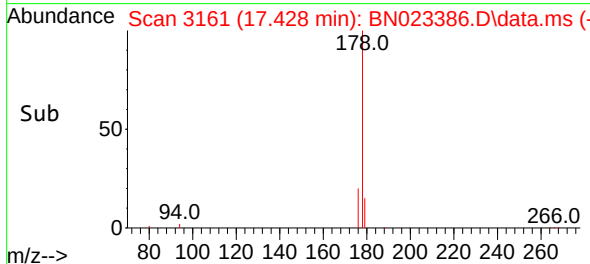
Instrument :
BNA_N
ClientSampleId :
DBYB4



Tgt Ion:178 Resp: 65489
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.7 15.7 23.5

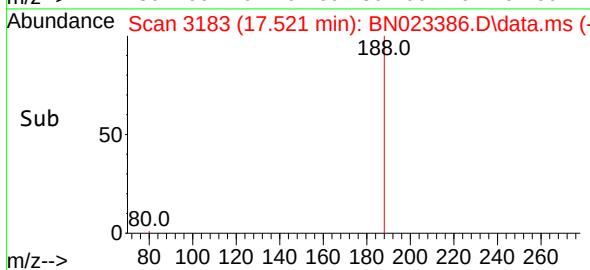
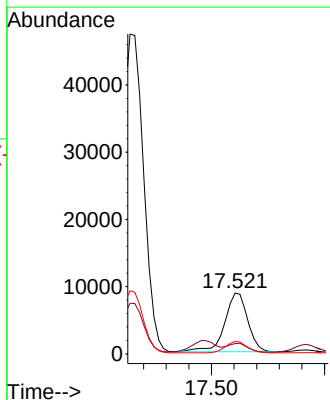
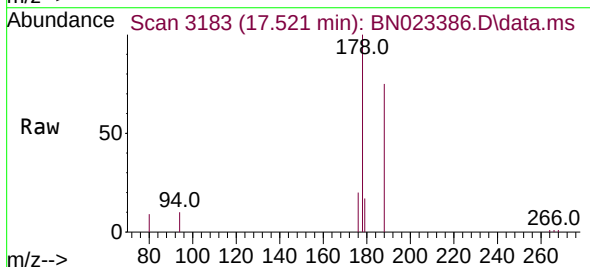
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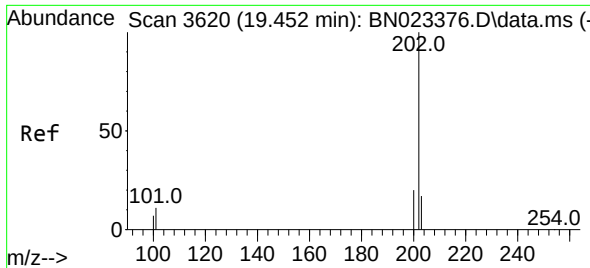
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.123 ng/u1
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

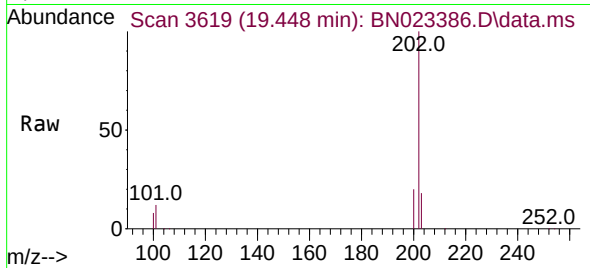
Tgt Ion:178 Resp: 12315
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 20.3 15.4 23.0





#19
Fluoranthene
Concen: 1.368 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

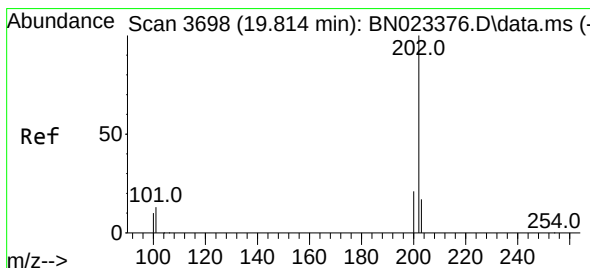
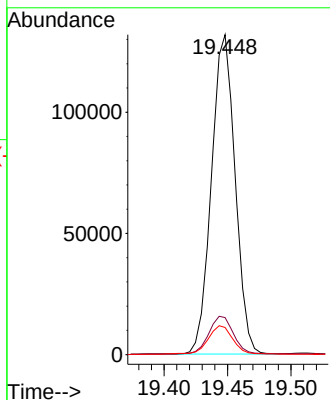
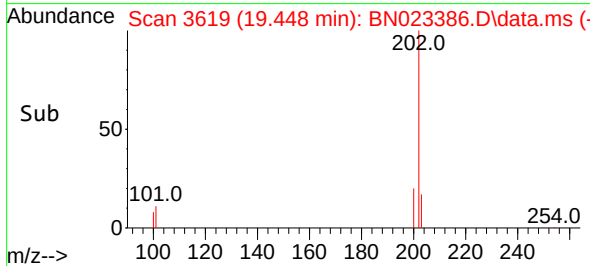
Instrument :
BNA_N
ClientSampleId :
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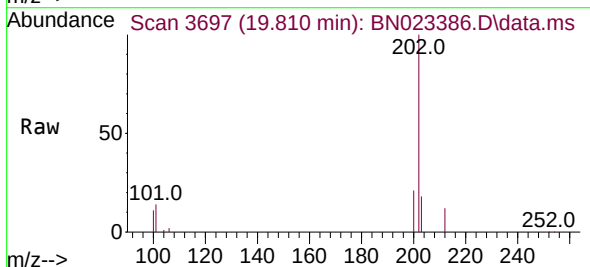
Tgt Ion:202 Resp: 171131
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 8.5 7.0 10.6

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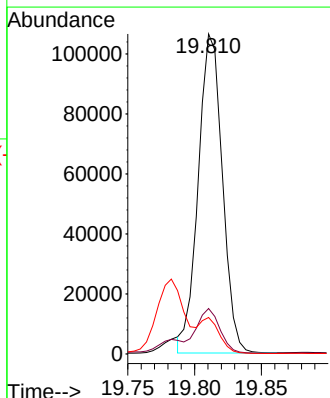
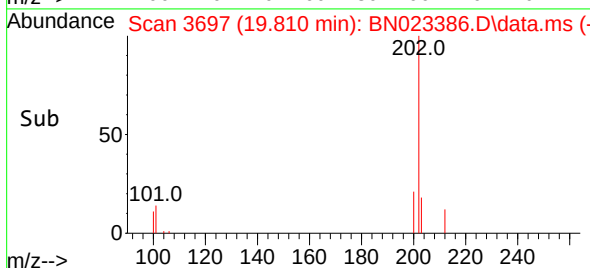
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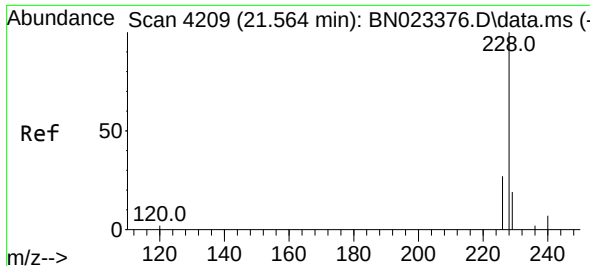


#20
Pyrene
Concen: 1.061 ng/ul m
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53



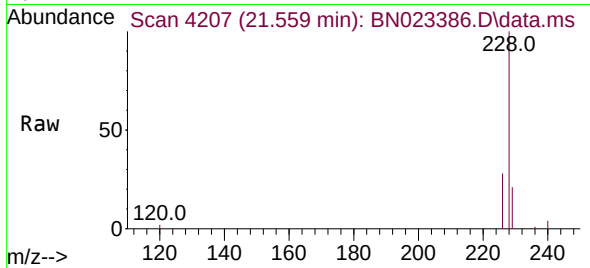
Tgt Ion:202 Resp: 133830
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.793 ng/ul
RT: 21.559 min Scan# 4209
Delta R.T. -0.002 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

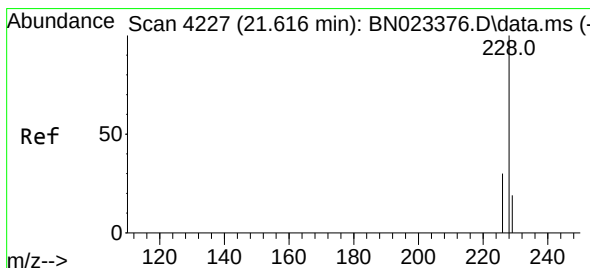
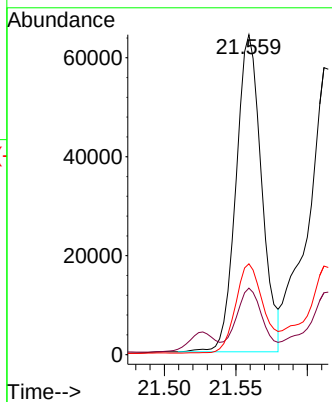
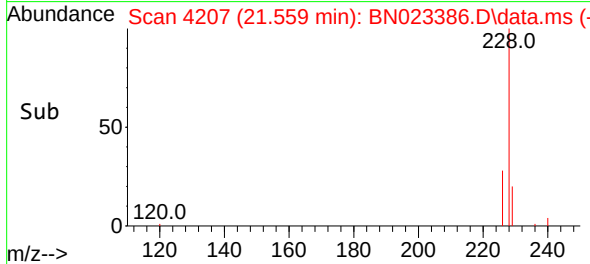
Instrument :
BNA_N
ClientSampleId :
DBYB4



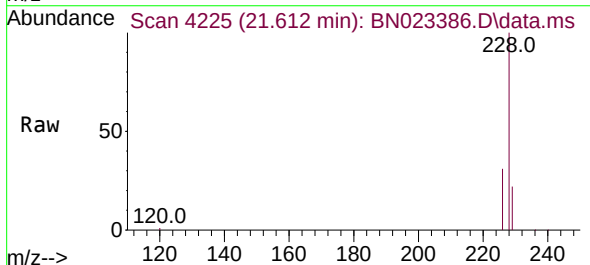
Tgt Ion:228 Resp: 7961
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.4 22.2 33.2

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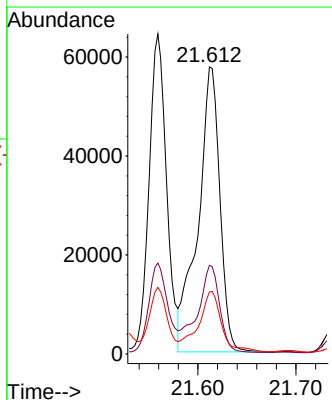
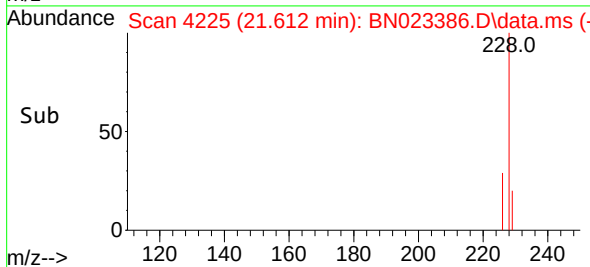
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

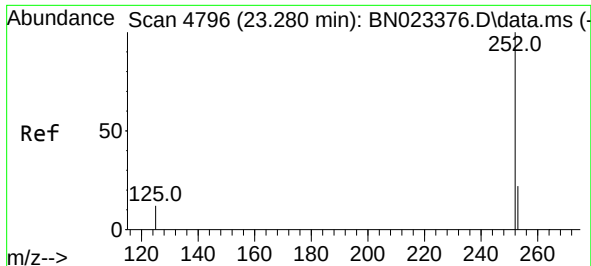


#22
Chrysene
Concen: 0.875 ng/ul
RT: 21.612 min Scan# 4225
Delta R.T. -0.005 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53



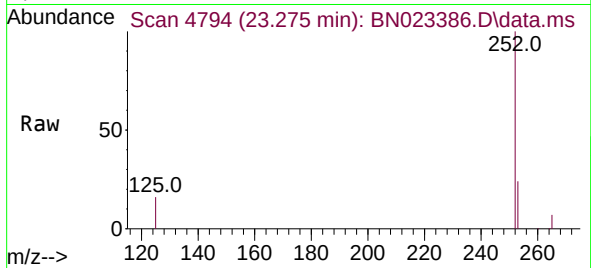
Tgt Ion:228 Resp: 89379
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.195 ng/ul m
RT: 23.275 min Scan# 4796
Delta R.T. 0.001 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

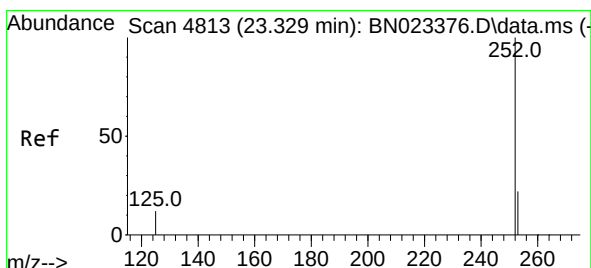
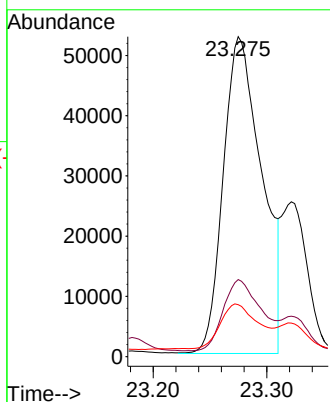
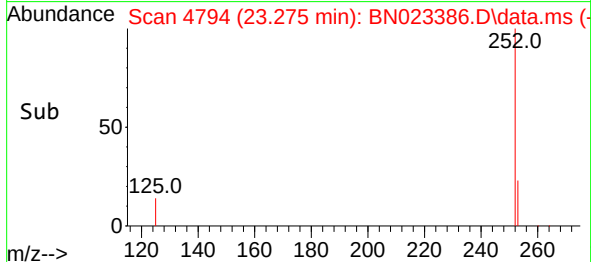
Instrument :
BNA_N
ClientSampleId :
DBYB4



Tgt Ion:252 Resp: 124147
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.2
125 16.2 0.0 31.8

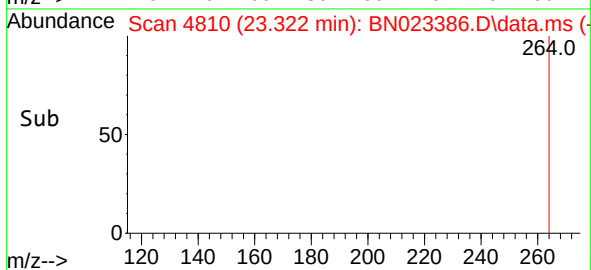
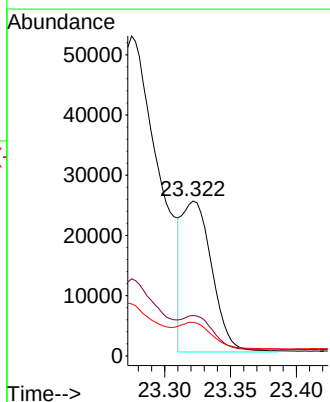
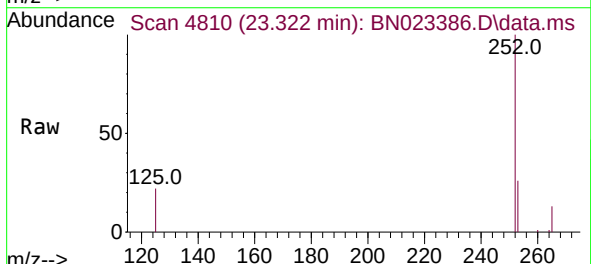
Manual Integrations
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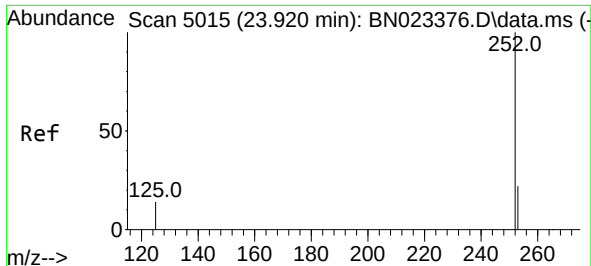
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul m
RT: 23.322 min Scan# 4810
Delta R.T. -0.002 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

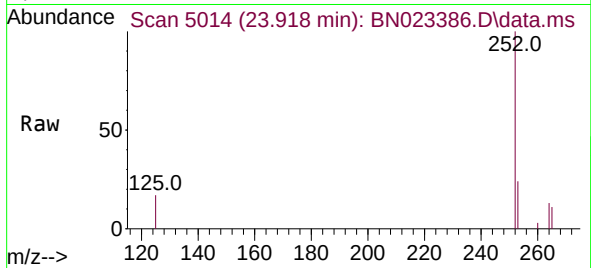
Tgt Ion:252 Resp: 39650
Ion Ratio Lower Upper
252 100
253 26.2 19.8 29.6
125 21.7 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.880 ng/ul
RT: 23.918 min Scan# 5014
Delta R.T. 0.004 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

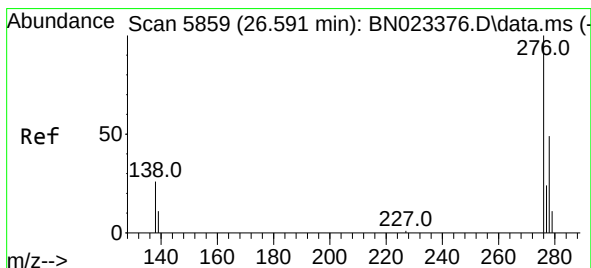
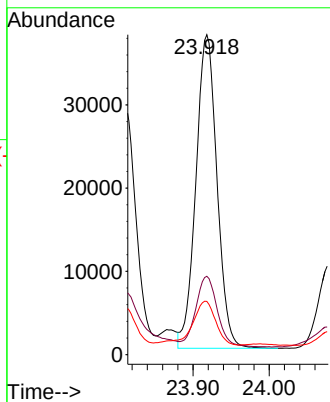
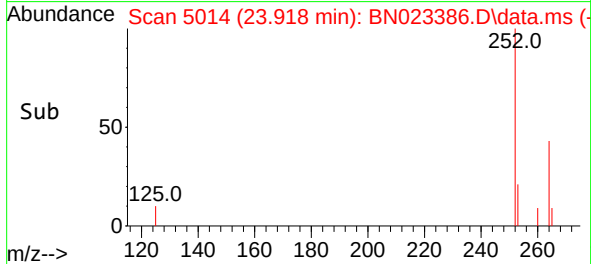
Instrument :
BNA_N
ClientSampleId :
DBYB4



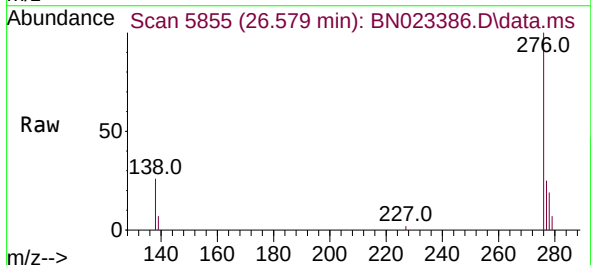
Tgt Ion:252 Resp: 72387
Ion Ratio Lower Upper
252 100
253 24.5 21.4 32.2
125 16.6 16.2 24.4

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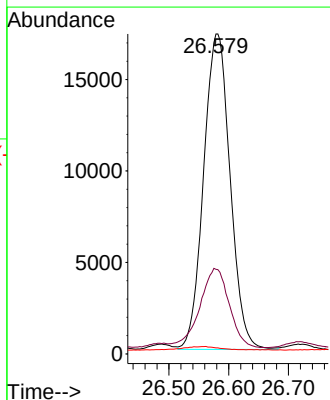
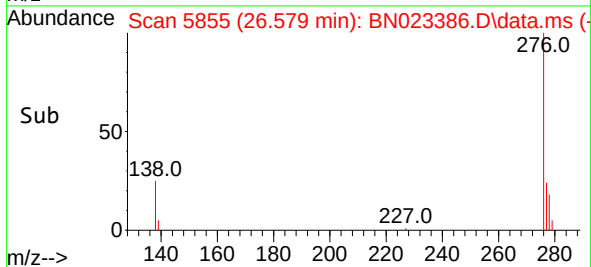
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

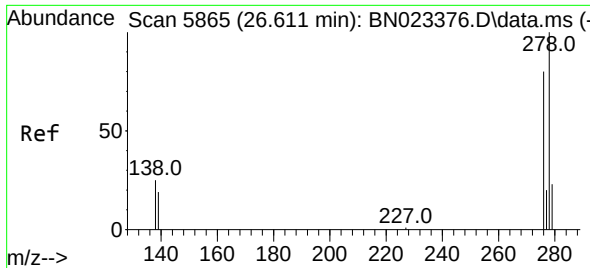


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.554 ng/ul
RT: 26.579 min Scan# 5855
Delta R.T. 0.001 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53



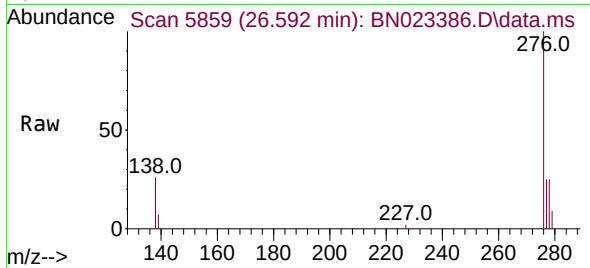
Tgt Ion:276 Resp: 53168
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.2
227 1.6 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 26.592 min Scan# 5865
Delta R.T. -0.009 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53

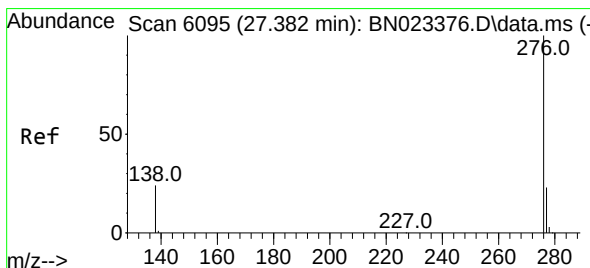
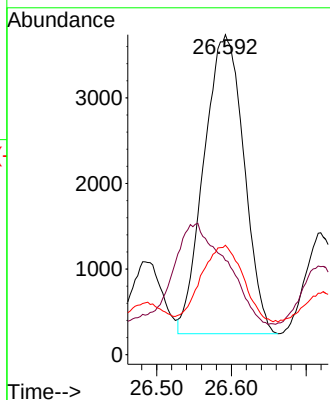
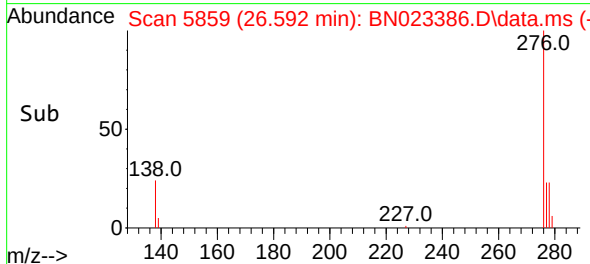
Instrument :
BNA_N
ClientSampleId :
DBYB4



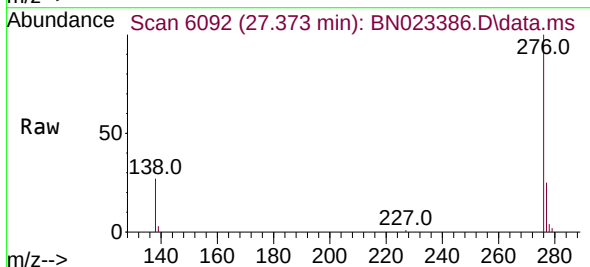
Tgt Ion:278 Resp: 12965
Ion Ratio Lower Upper
278 100
139 29.4 16.6 24.8
279 34.2 21.3 31.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.667 ng/ul
RT: 27.373 min Scan# 6092
Delta R.T. 0.004 min
Lab File: BN023386.D
Acq: 23 Dec 2022 23:53



Tgt Ion:276 Resp: 52215
Ion Ratio Lower Upper
276 100
138 27.4 20.3 30.5
277 24.6 19.7 29.5

