

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023389.D
 Acq On : 24 Dec 2022 01:41
 Operator : CG/JU
 Sample : N6008-08DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYB5DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:09:17 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	7.990	152	7942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	26667	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	15369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	34845	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	24344	0.400	ng/ul	0.00
23) Perylene-d12	24.027	264	18676	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	7441	0.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	2522	0.061	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	5695	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	5333	0.068	ng/ul	96
7) 2-Methylnaphthalene	12.470	142	3291	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	2456	0.048	ng/ul	100
10) Acenaphthylene	14.363	152	6822	0.100	ng/ul	97
11) Acenaphthene	14.701	153	1240	0.022	ng/ul	97
12) Fluorene	15.686	166	1667	0.026	ng/ul#	95
15) Phenanthrene	17.428	178	26943	0.237	ng/ul	100
16) Anthracene	17.521	178	7277	0.077	ng/ul	97
19) Fluoranthene	19.448	202	72750	0.616	ng/ul	98
20) Pyrene	19.811	202	64278m	0.540	ng/ul	
21) Benzo(a)anthracene	21.560	228	34119	0.360	ng/ul	97
22) Chrysene	21.613	228	36867	0.382	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	51951m	0.538	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	16211m	0.179	ng/ul	
26) Benzo(a)pyrene	23.916	252	29150	0.381	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.580	276	20149	0.226	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.597	278	5056	0.073	ng/ul#	69
29) Benzo(g,h,i)perylene	27.368	276	19484	0.268	ng/ul	94

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

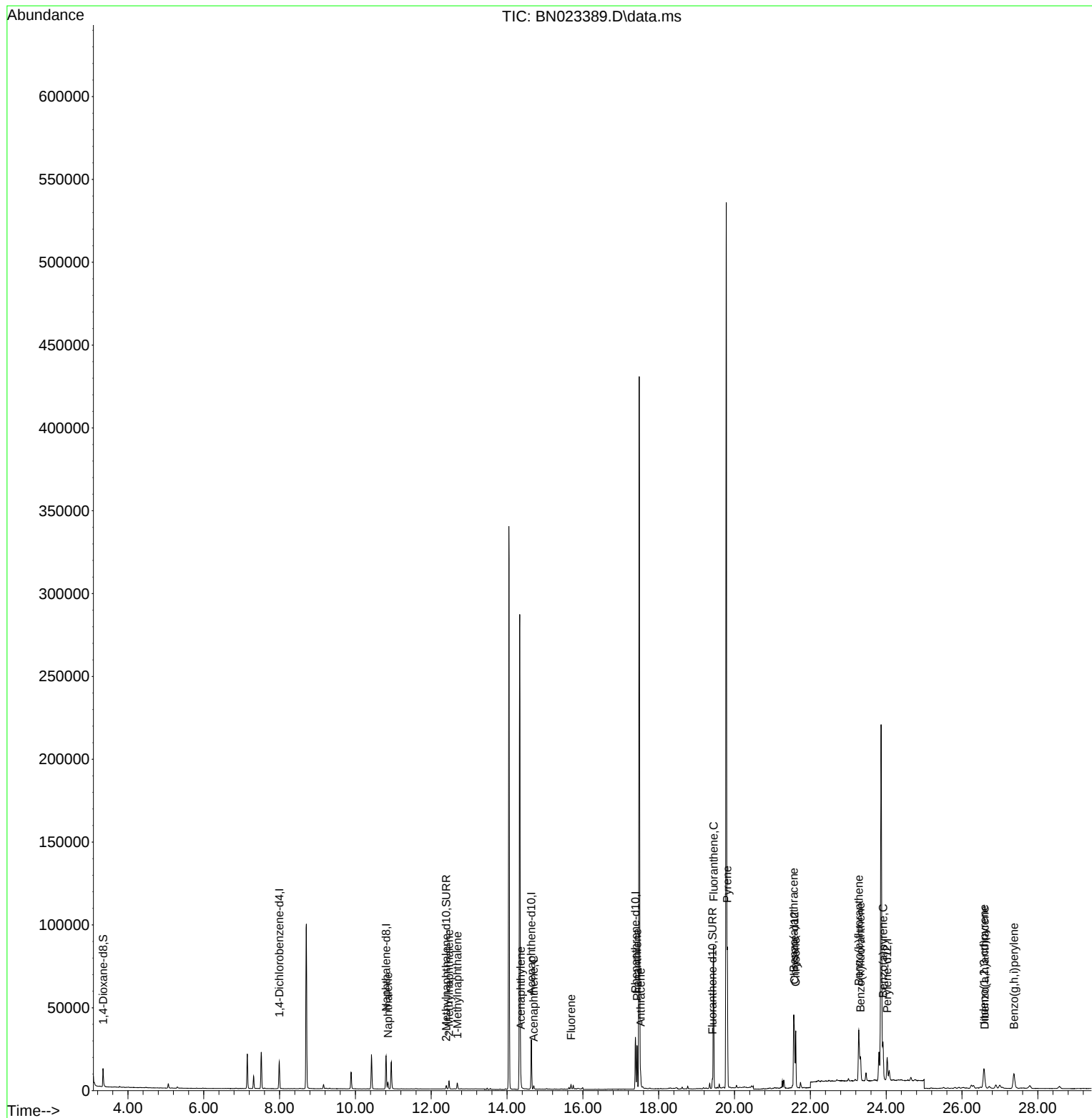
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023389.D
Acq On : 24 Dec 2022 01:41
Operator : CG/JU
Sample : N6008-08DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

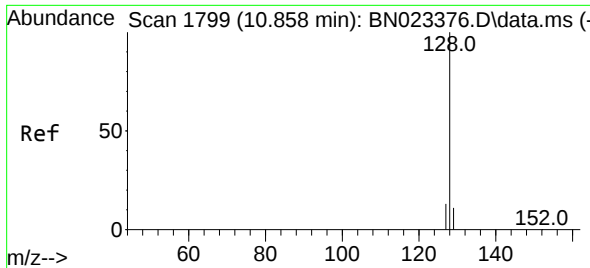
Instrument :
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ClientSampleId :
DBYB5DL

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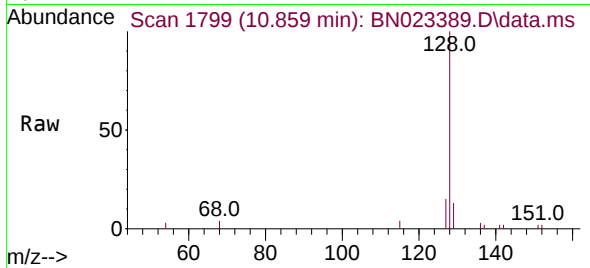
Quant Time: Dec 24 03:09:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

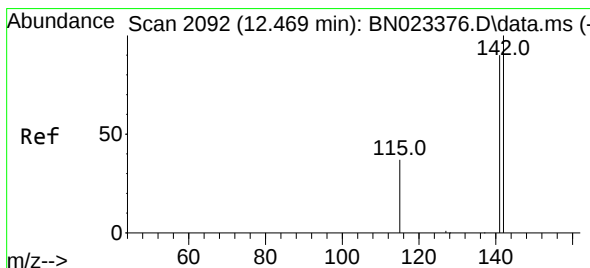
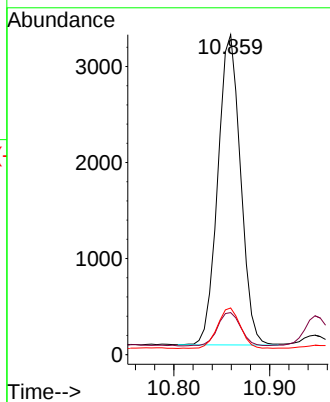
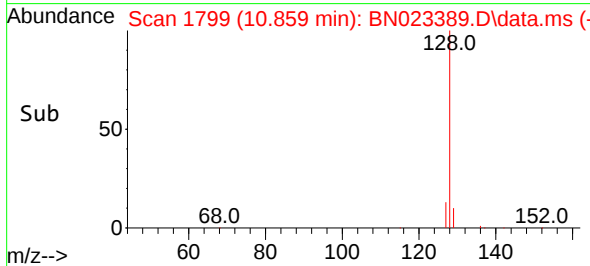
Instrument :
BNA_N
ClientSampleId :
DBYB5DL



Tgt Ion:128 Resp: 5333
Ion Ratio Lower Upper
128 100
129 13.1 9.0 13.4
127 14.6 10.7 16.1

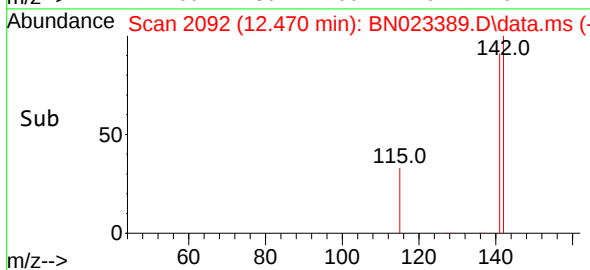
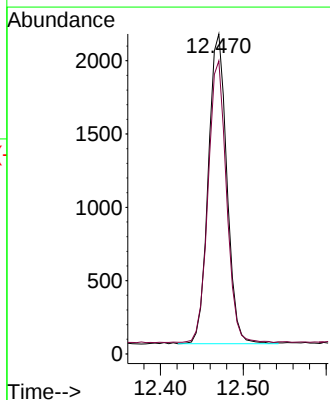
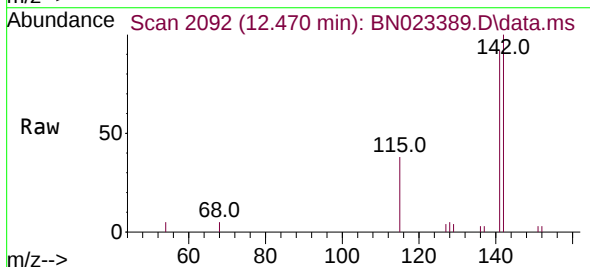
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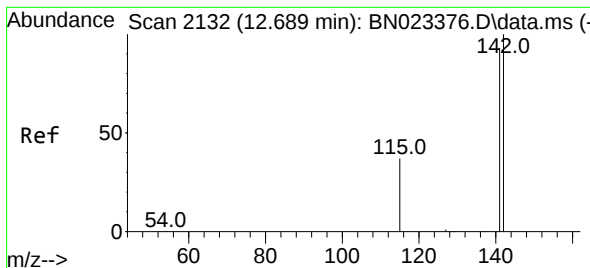
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

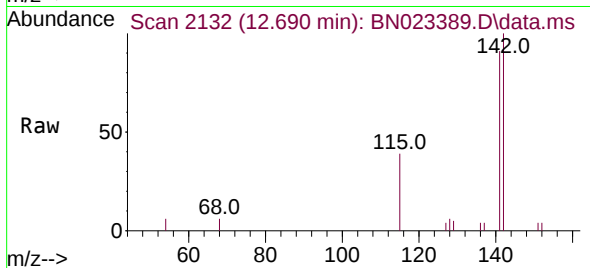
Tgt Ion:142 Resp: 3291
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.690 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

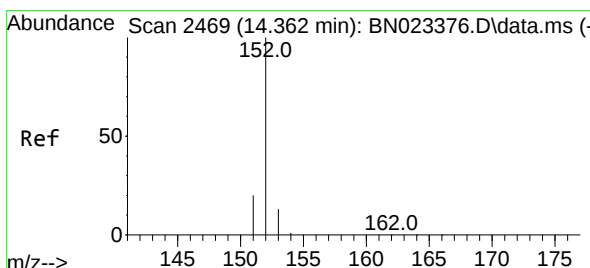
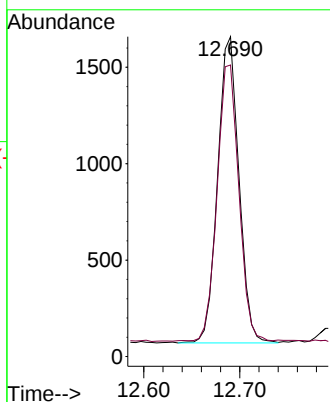
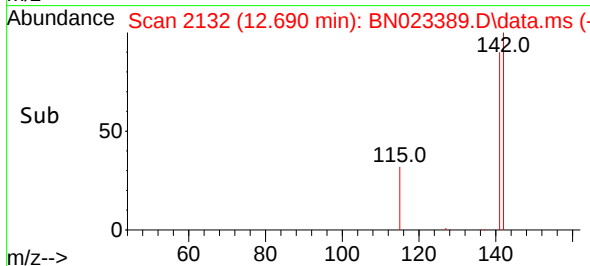
Instrument :
BNA_N
ClientSampleId :
DBYB5DL



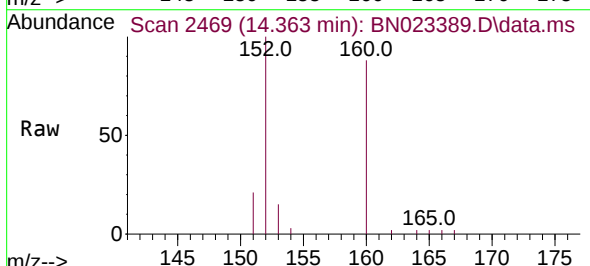
Tgt Ion:142 Resp: 2456
Ion Ratio Lower Upper
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141 92.1 74.0 111.0

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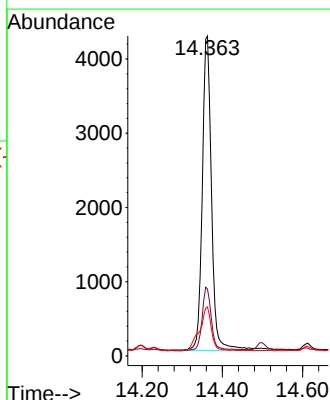
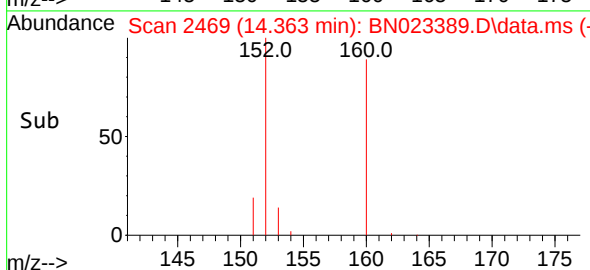
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

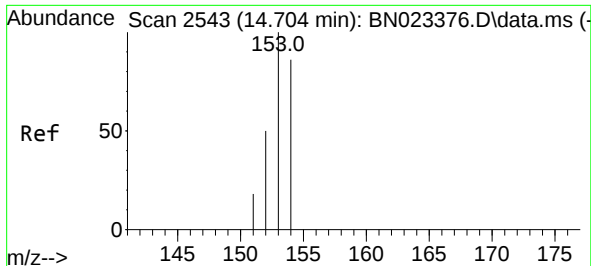


#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41



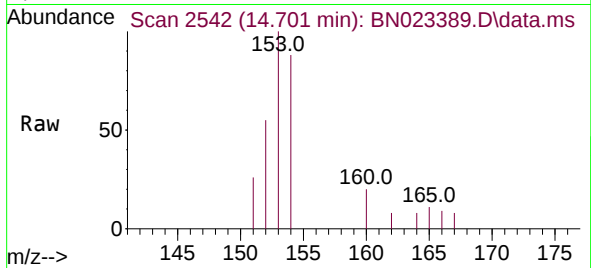
Tgt Ion:152 Resp: 6822
Ion Ratio Lower Upper
152 100
151 20.9 16.1 24.1
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

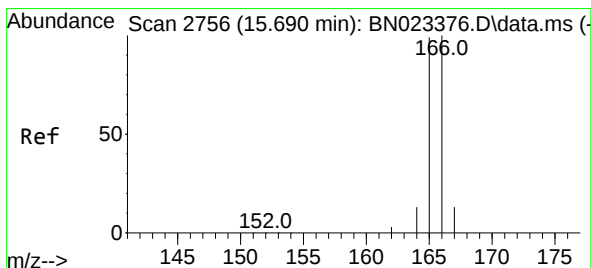
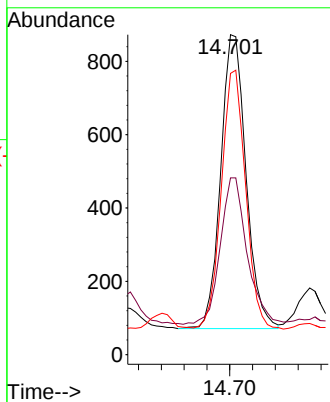
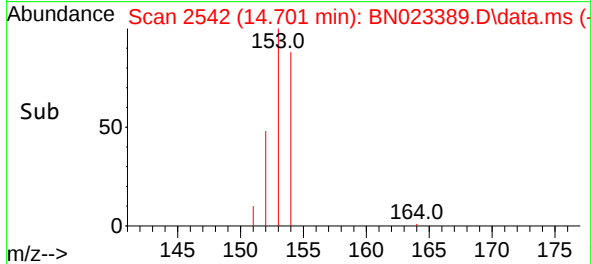
Instrument :
BNA_N
ClientSampleId :
DBYB5DL



Tgt Ion:153 Resp: 1240
Ion Ratio Lower Upper
153 100
152 55.2 41.0 61.4
154 87.9 69.5 104.3

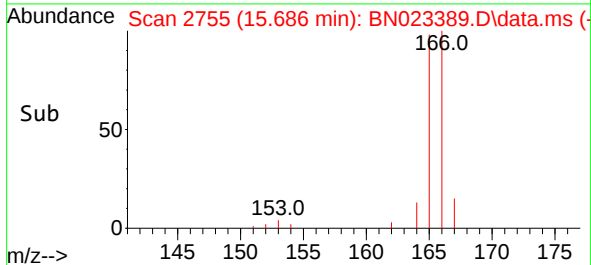
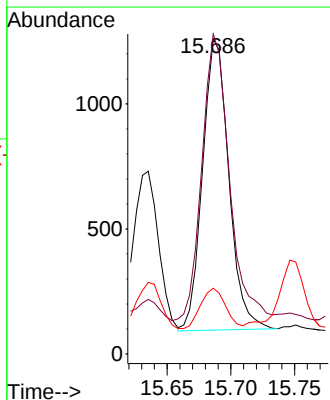
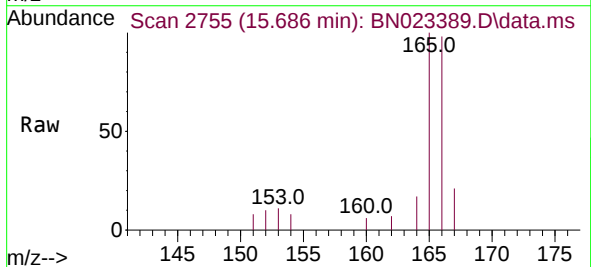
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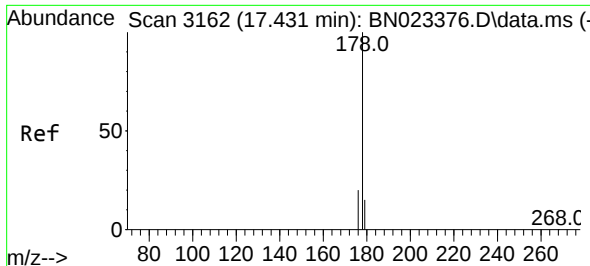
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.686 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

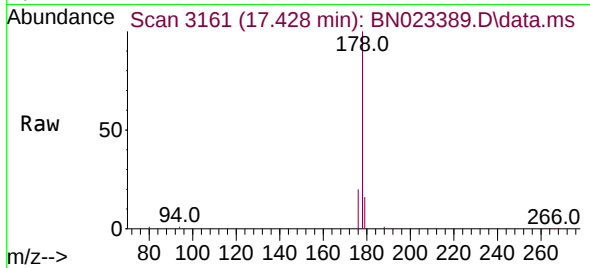
Tgt Ion:166 Resp: 1667
Ion Ratio Lower Upper
166 100
165 101.6 79.1 118.7
167 20.9 11.0 16.4





#15
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

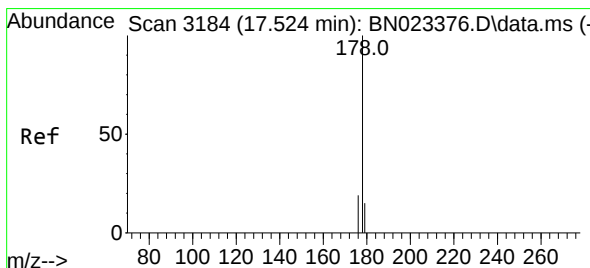
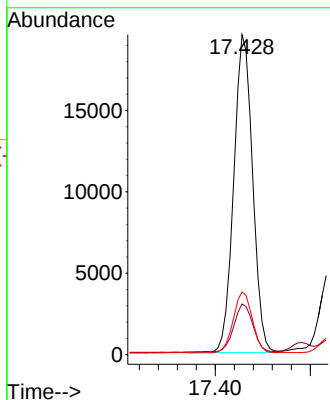
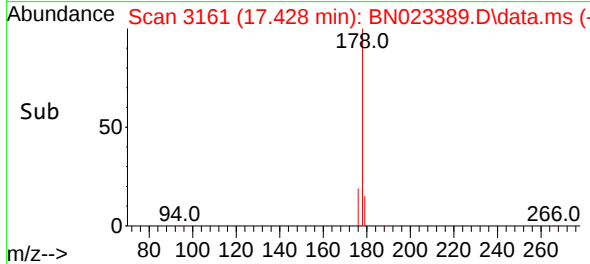
Instrument :
BNA_N
ClientSampleId :
DBYB5DL



Tgt Ion:178 Resp: 26943
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.6 15.7 23.5

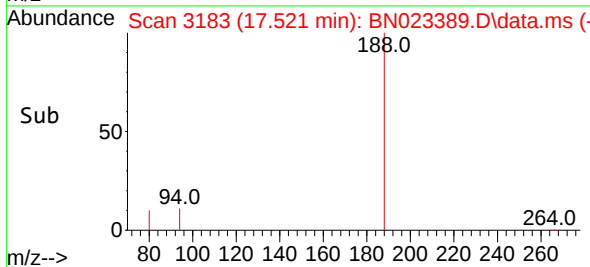
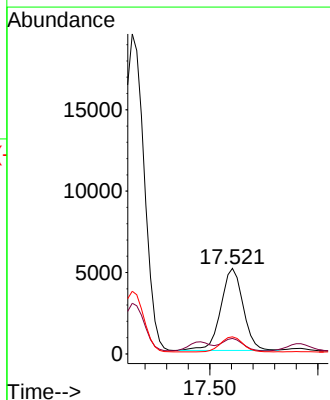
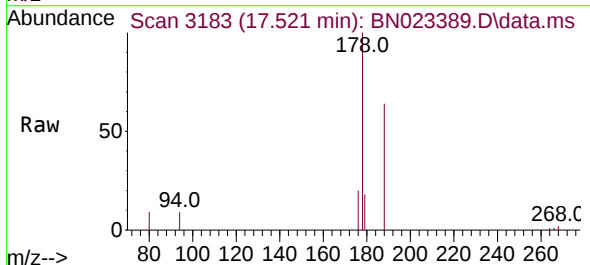
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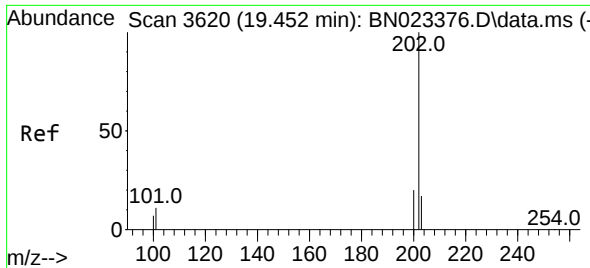
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

Tgt Ion:178 Resp: 7277
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 20.0 15.4 23.0





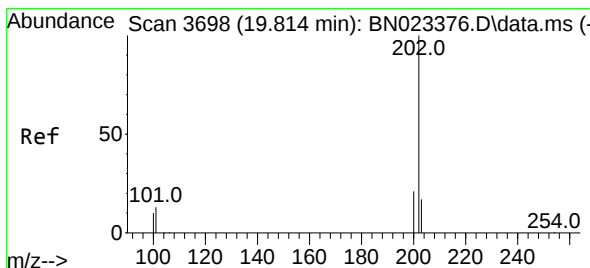
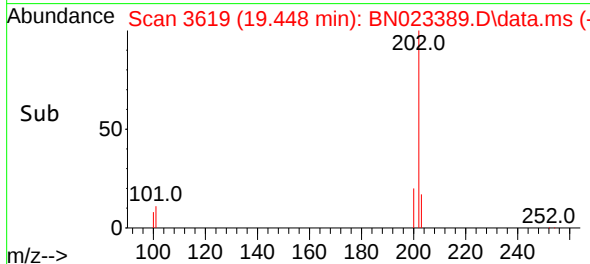
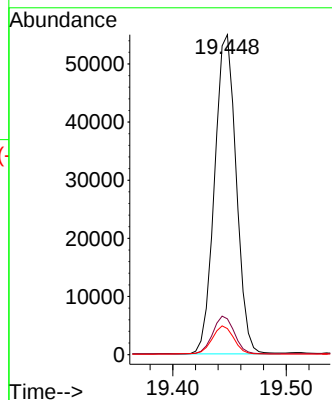
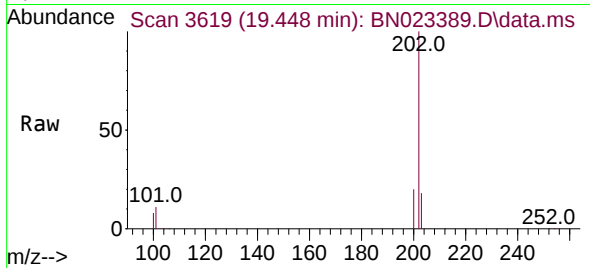
#19
Fluoranthene
Concen: 0.616 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

Instrument :
BNA_N
ClientSampleId :
DBYB5DL

Tgt Ion:202 Resp: 72750
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 8.1 7.0 10.6

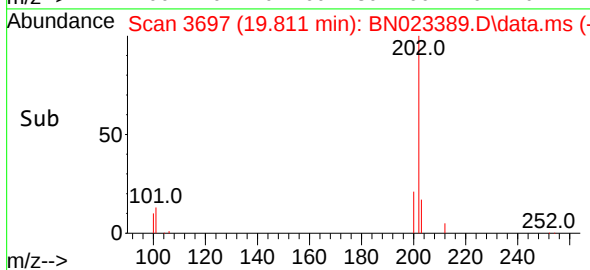
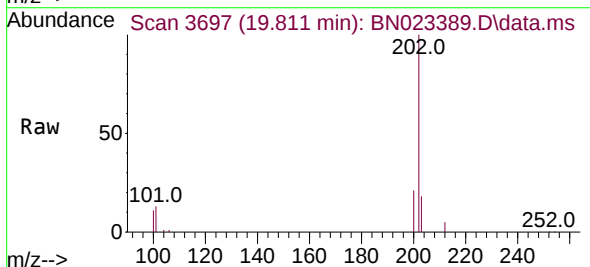
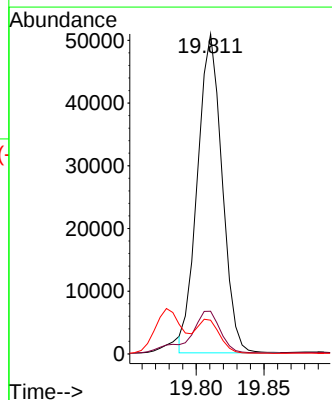
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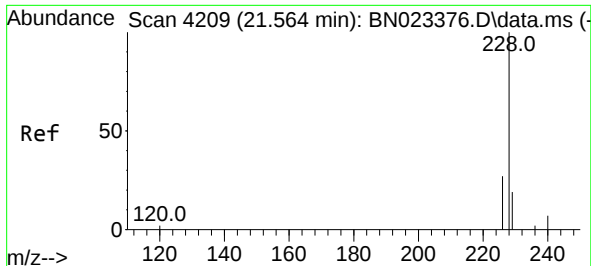
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.540 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

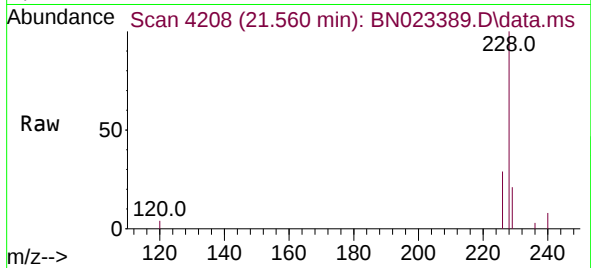
Tgt Ion:202 Resp: 64278
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.560 min Scan# 4209
Delta R.T. -0.001 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

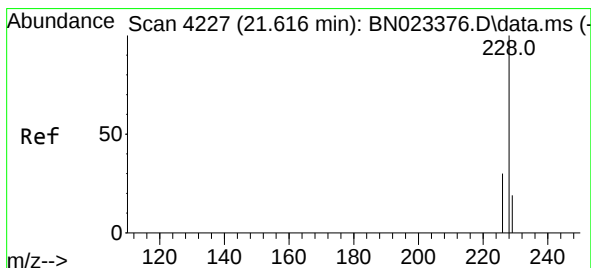
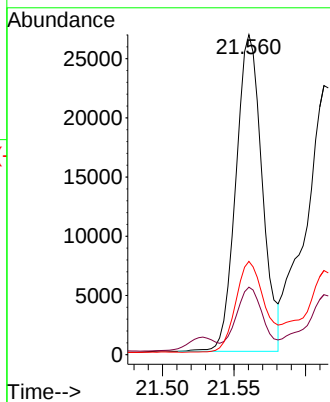
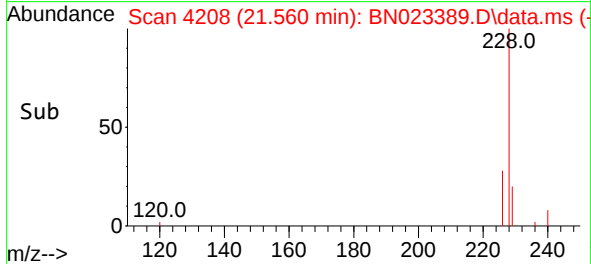
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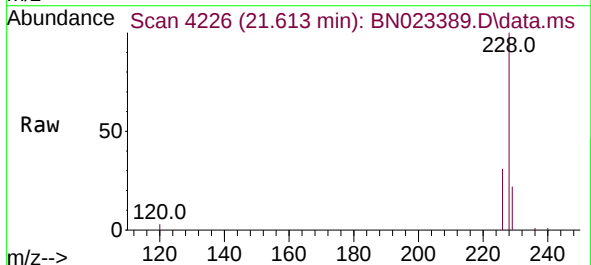
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Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 29.1 22.2 33.2

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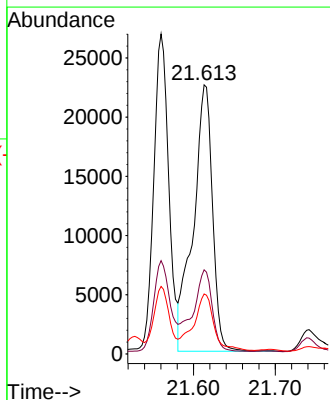
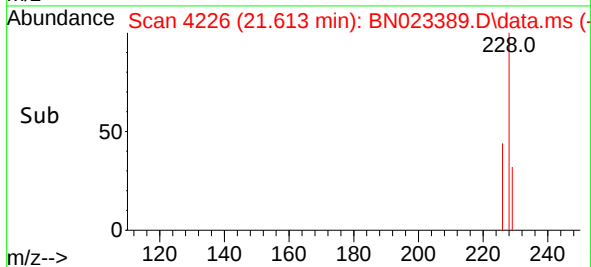
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

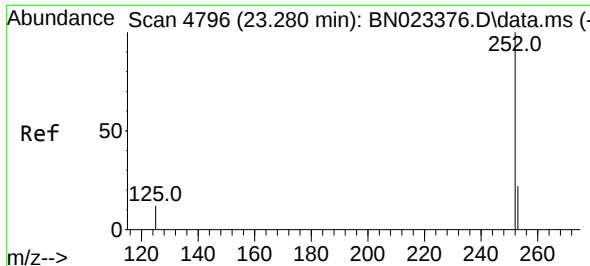


#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41



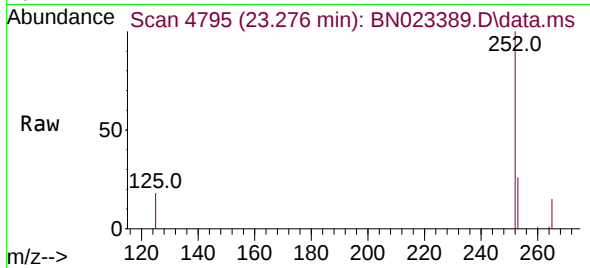
Tgt Ion:228 Resp: 36867
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.538 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

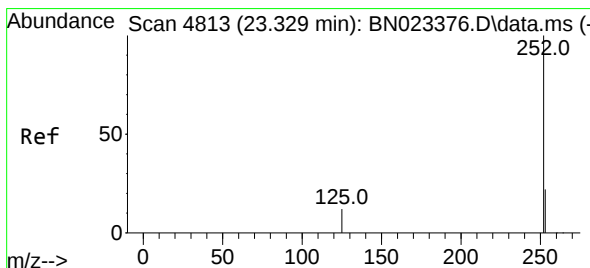
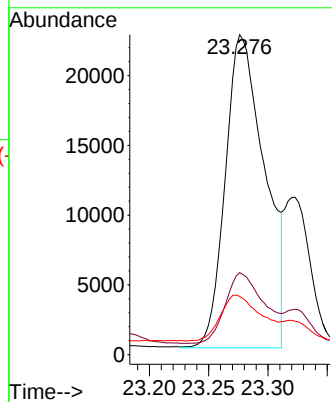
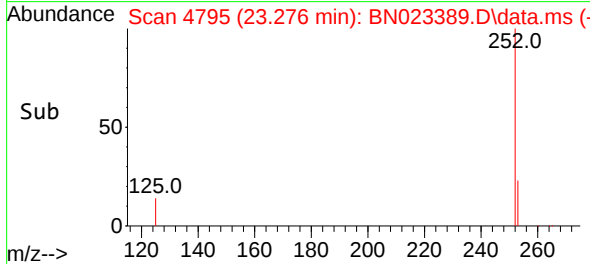
Instrument :
BNA_N
ClientSampleId :
DBYB5DL



Tgt Ion:252 Resp: 5195
Ion Ratio Lower Upper
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253 25.6 0.0 49.2
125 18.2 0.0 31.8

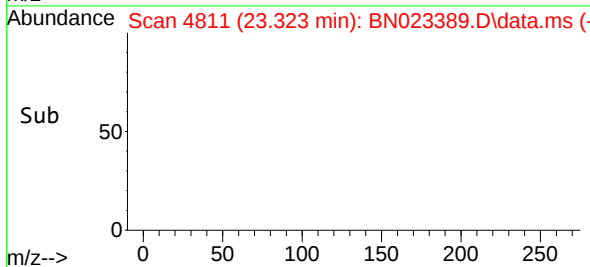
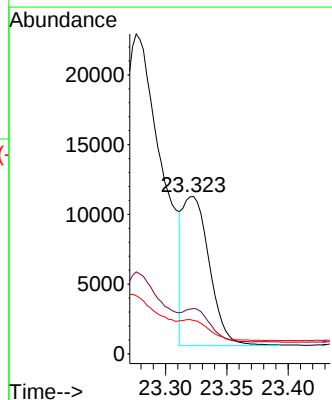
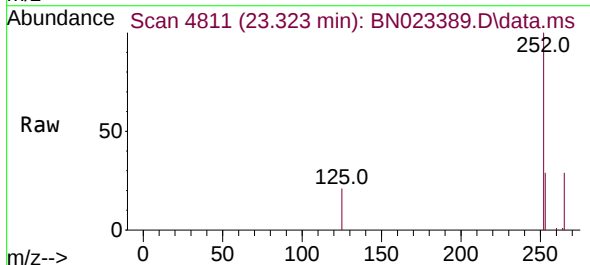
Manual Integrations
APPROVED

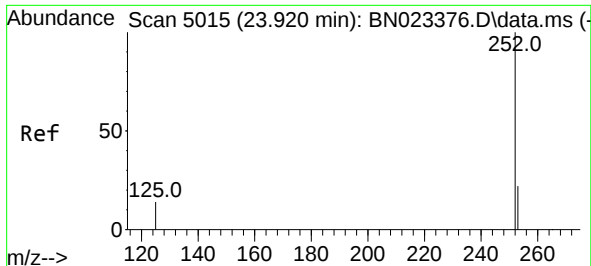
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

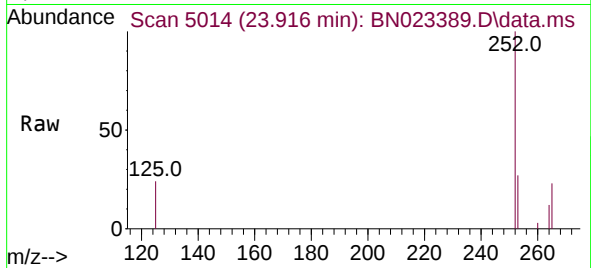
Tgt Ion:252 Resp: 16211
Ion Ratio Lower Upper
252 100
253 28.8 19.8 29.6
125 21.2 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.916 min Scan# 5015
Delta R.T. 0.002 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

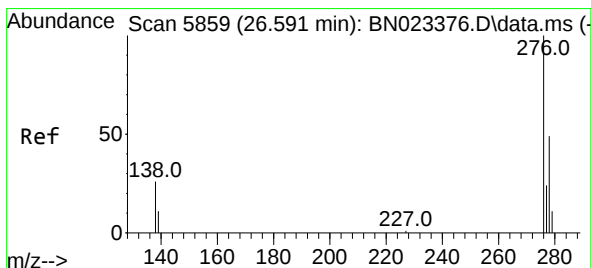
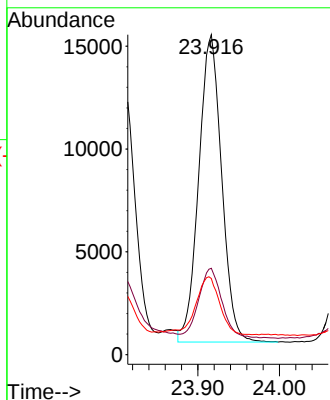
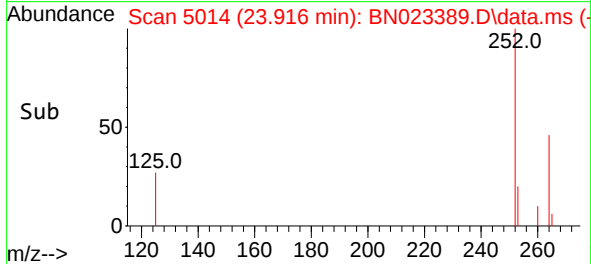
Instrument :
BNA_N
ClientSampleId :
DBYB5DL



Tgt Ion:252 Resp: 29150
Ion Ratio Lower Upper
252 100
253 27.0 21.4 32.2
125 23.8 16.2 24.4

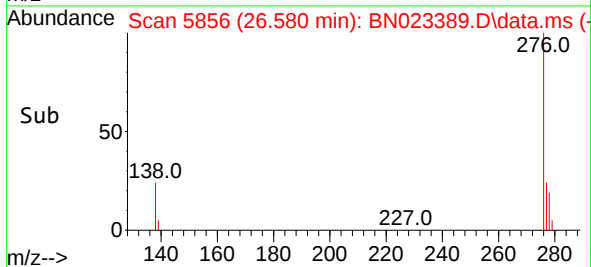
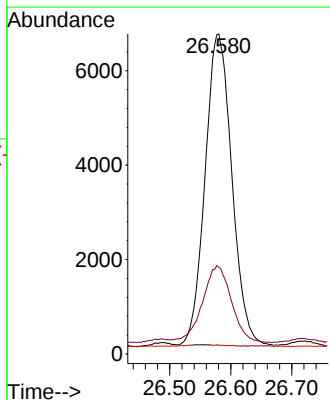
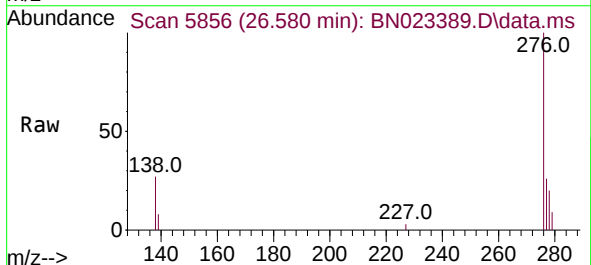
Manual Integrations
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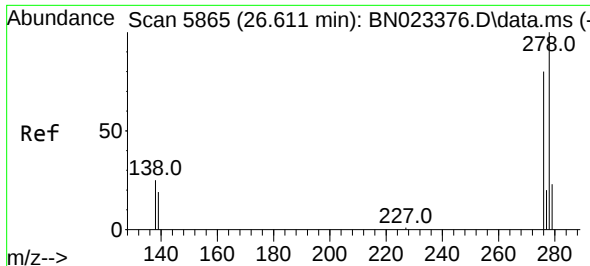
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023389.D
Acq: 24 Dec 2022 01:41

Tgt Ion:276 Resp: 20149
Ion Ratio Lower Upper
276 100
138 26.8 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.073 ng/ul

RT: 26.597 min Scan# 5865

Delta R.T. -0.004 min

Lab File: BN023389.D

Acq: 24 Dec 2022 01:41

Instrument :

BNA_N

ClientSampleId :

DBYB5DL

Tgt Ion:278 Resp: 5056

Ion Ratio Lower Upper

278 100

139 35.3 16.6 24.8

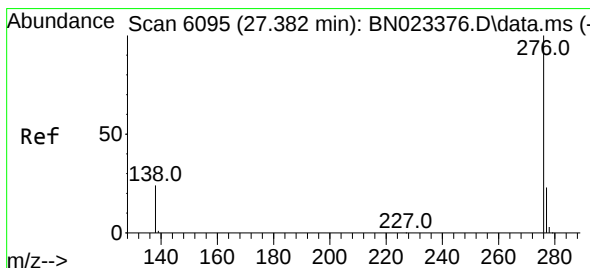
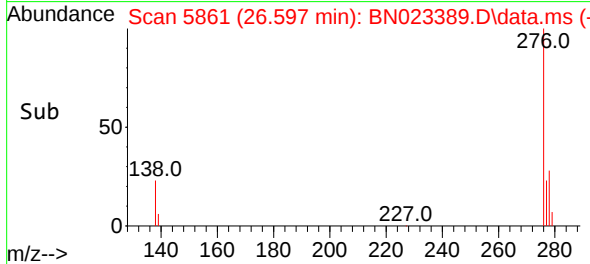
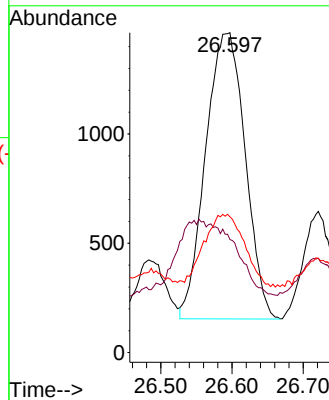
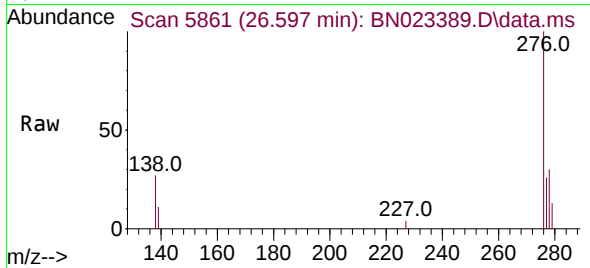
279 42.4 21.3 31.9

Manual Integrations

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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: 0.268 ng/ul

RT: 27.368 min Scan# 6091

Delta R.T. -0.001 min

Lab File: BN023389.D

Acq: 24 Dec 2022 01:41

Tgt Ion:276 Resp: 19484

Ion Ratio Lower Upper

276 100

138 30.2 20.3 30.5

277 25.5 19.7 29.5

