

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023401.D
 Acq On : 24 Dec 2022 09:27
 Operator : CG/JU
 Sample : N6015-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU1

Manual Integrations
 APPROVED

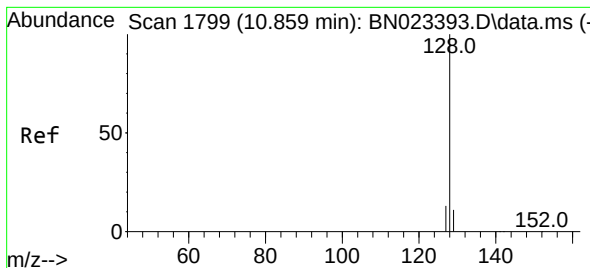
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 23:17:27 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)

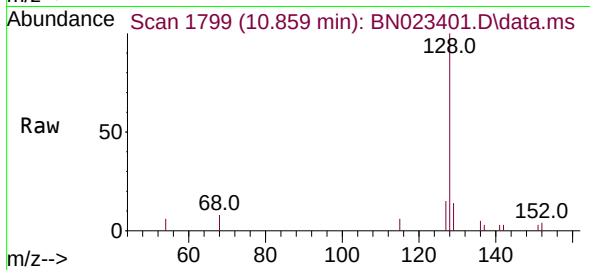
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7715	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	25798	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	15390	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	35467	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	22994	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	17972	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	33504	3.997	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	11596	0.291	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	26686	0.321	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.859	128	4615	0.061	ng/ul#	94
7) 2-Methylnaphthalene	12.471	142	3923	0.081	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	3084	0.062	ng/ul	97
10) Acenaphthylene	14.363	152	1787	0.026	ng/ul#	79
15) Phenanthrene	17.428	178	22548	0.195	ng/ul	96
16) Anthracene	17.521	178	3141	0.033	ng/ul#	85
19) Fluoranthene	19.448	202	54699	0.490	ng/ul#	89
20) Pyrene	19.811	202	41240m	0.367	ng/ul	
21) Benzo(a)anthracene	21.560	228	24658	0.275	ng/ul	95
22) Chrysene	21.616	228	30832	0.339	ng/ul#	92
24) Benzo(b)fluoranthene	23.279	252	43854m	0.472	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	14601m	0.167	ng/ul	
26) Benzo(a)pyrene	23.919	252	26510	0.360	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.580	276	22434	0.261	ng/ul#	71
28) Dibenzo(a,h)anthracene	26.597	278	5657	0.085	ng/ul#	48
29) Benzo(g,h,i)perylene	27.375	276	23080	0.330	ng/ul#	66

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



#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

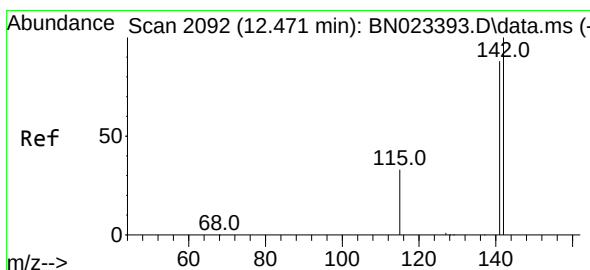
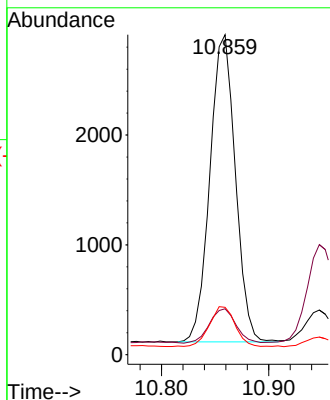
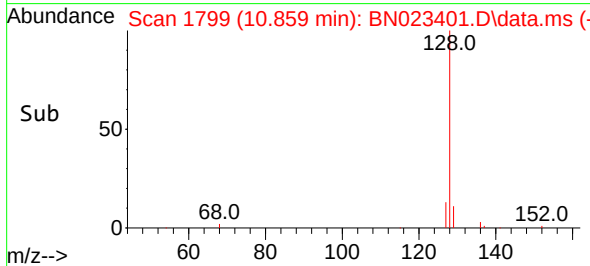
Instrument :
BNA_N
ClientSampleId :
DBXU1



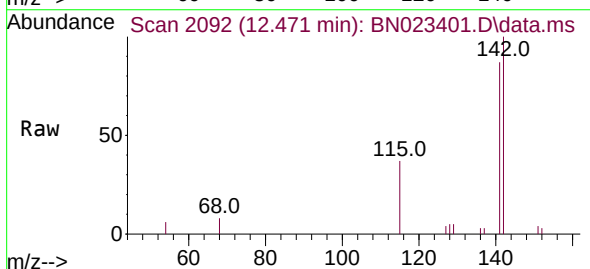
Tgt Ion:128 Resp: 4615
Ion Ratio Lower Upper
128 100
129 14.3 9.0 13.4
127 14.8 10.7 16.1

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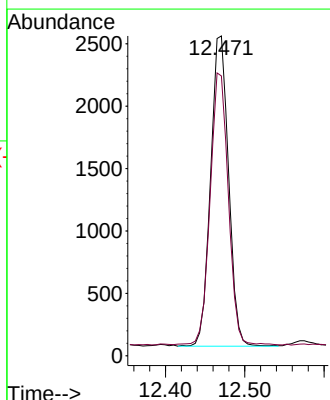
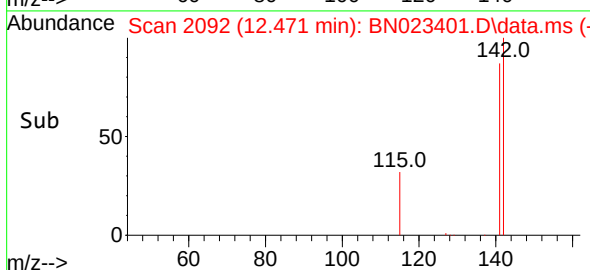
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

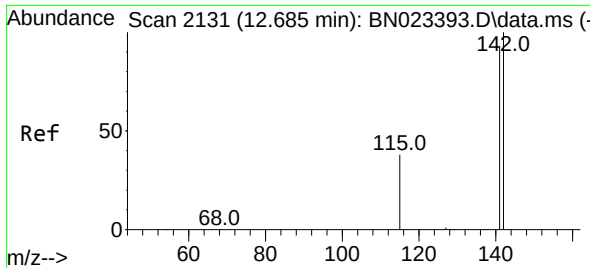


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.471 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27



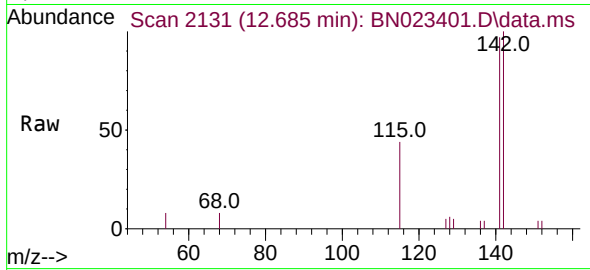
Tgt Ion:142 Resp: 3923
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

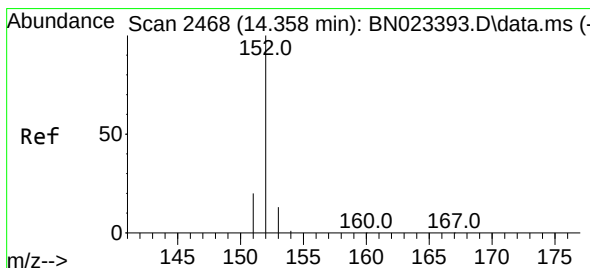
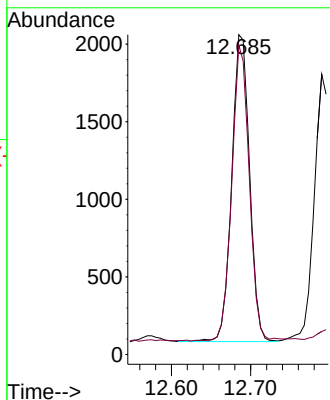
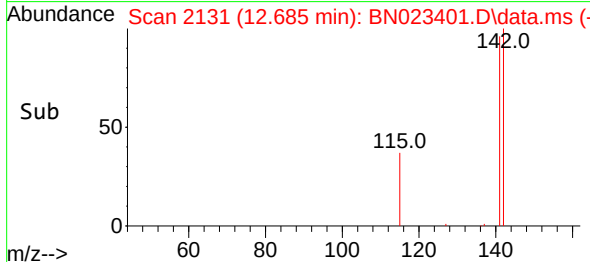
Instrument :
BNA_N
ClientSampleId :
DBXU1



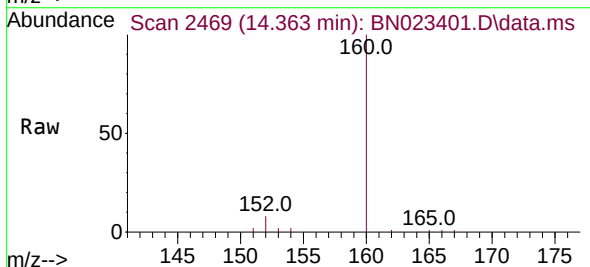
Tgt Ion:142 Resp: 3084
Ion Ratio Lower Upper
142 100
141 95.3 74.0 111.0

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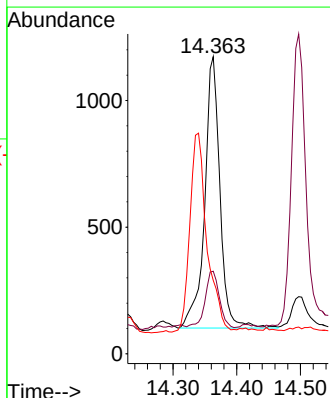
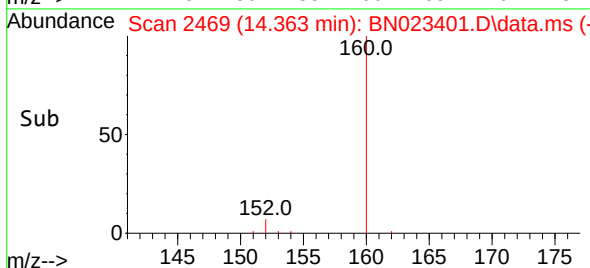
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

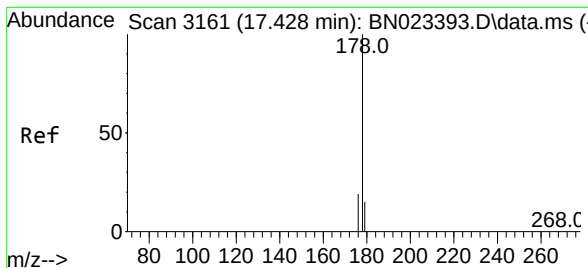


#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27



Tgt Ion:152 Resp: 1787
Ion Ratio Lower Upper
152 100
151 27.8 16.1 24.1#
153 24.7 10.9 16.3#





#15

Phenanthrene

Concen: 0.195 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BN023401.D

Acq: 24 Dec 2022 09:27

Instrument :

BNA_N

ClientSampleId :

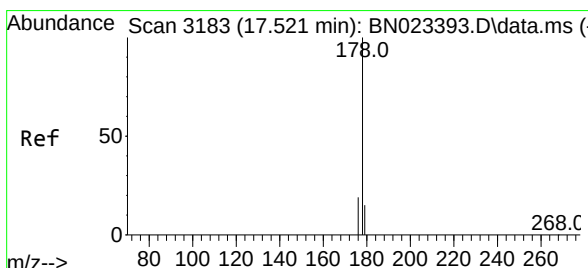
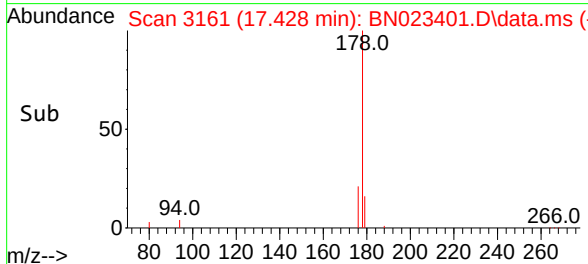
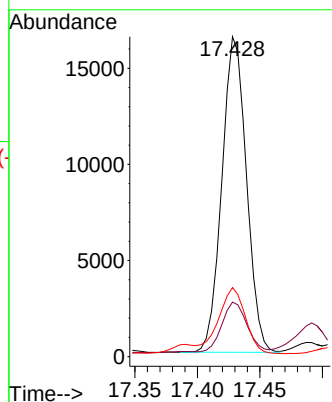
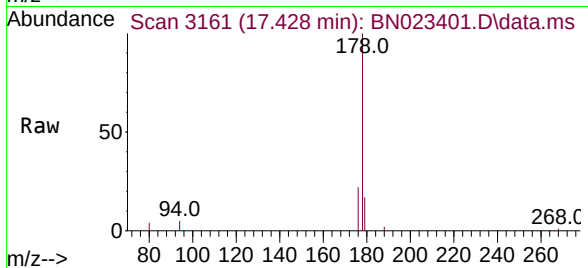
DBXU1

Tgt Ion:178	Resp:	22548
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.5 18.7
176	21.6	15.7 23.5

Manual Integrations

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



#16

Anthracene

Concen: 0.033 ng/ul

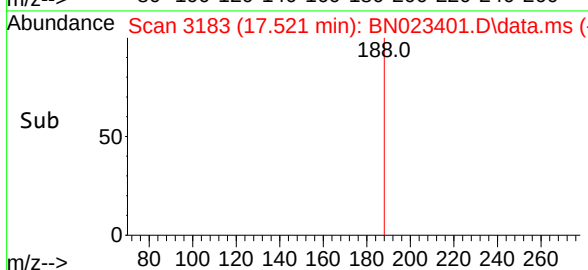
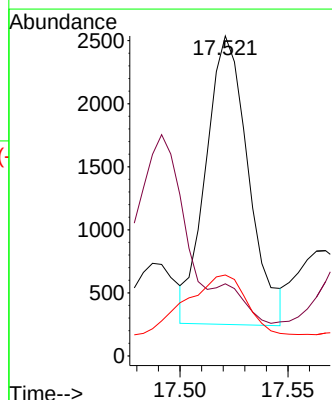
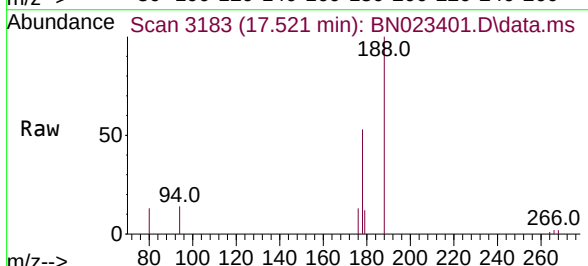
RT: 17.521 min Scan# 3183

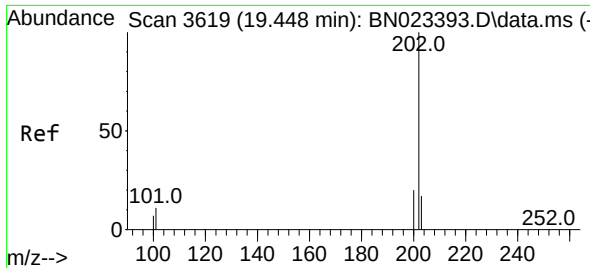
Delta R.T. -0.005 min

Lab File: BN023401.D

Acq: 24 Dec 2022 09:27

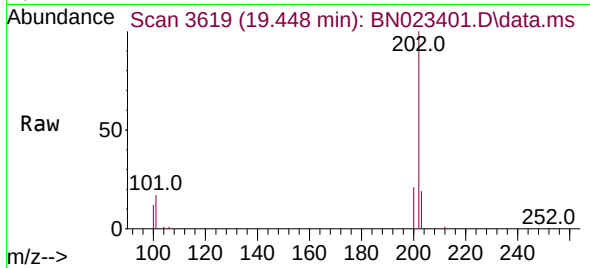
Tgt Ion:178	Resp:	3141
Ion Ratio	Lower	Upper
178	100	
179	22.5	12.6 18.8#
176	25.3	15.4 23.0#





#19
Fluoranthene
Concen: 0.490 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

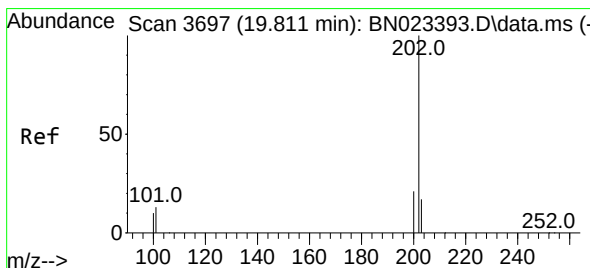
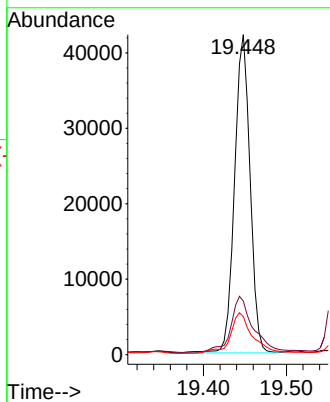
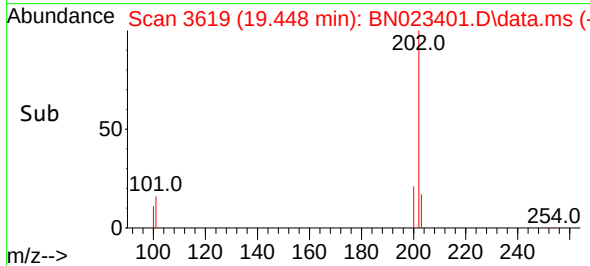
Instrument :
BNA_N
ClientSampleId :
DBXU1



Tgt Ion:202 Resp: 54699
Ion Ratio Lower Upper
202 100
101 16.7 9.4 14.2
100 11.9 7.0 10.6

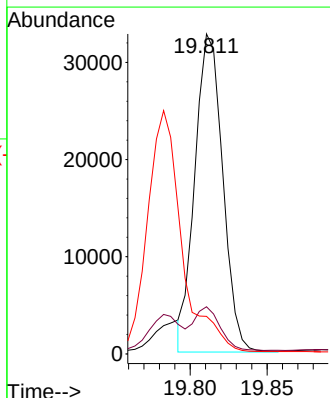
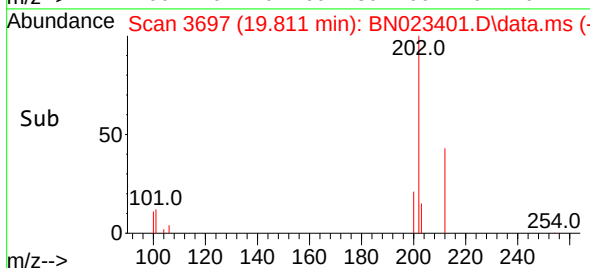
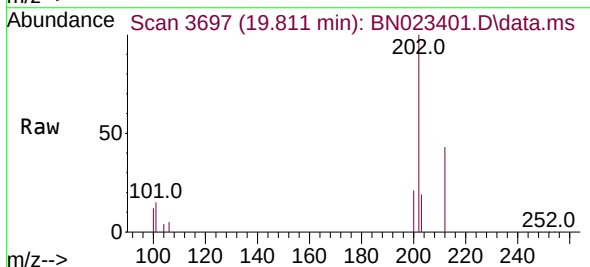
Manual Integrations
APPROVED

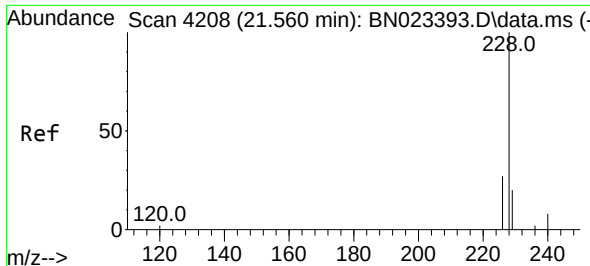
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.367 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

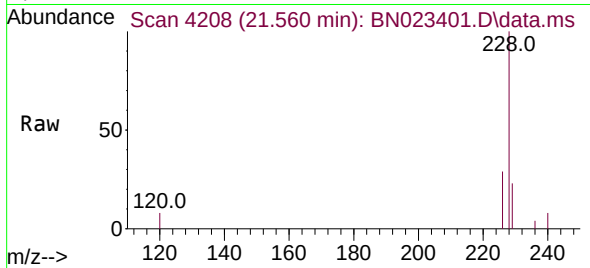
Tgt Ion:202 Resp: 41240
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.8 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.275 ng/u1
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

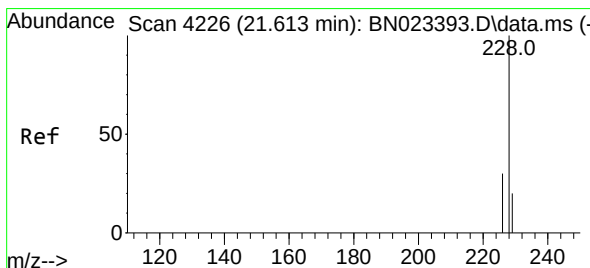
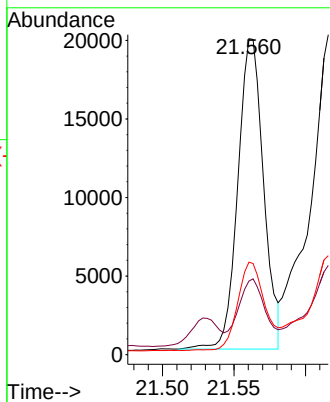
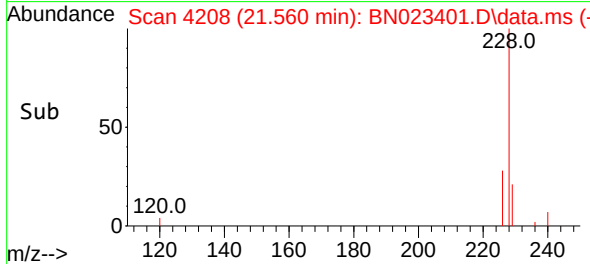
Instrument :
BNA_N
ClientSampleId :
DBXU1



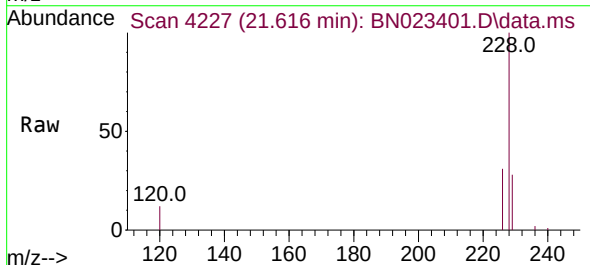
Tgt Ion:228 Resp: 24658
Ion Ratio Lower Upper
228 100
229 23.3 15.6 23.4
226 29.2 22.2 33.2

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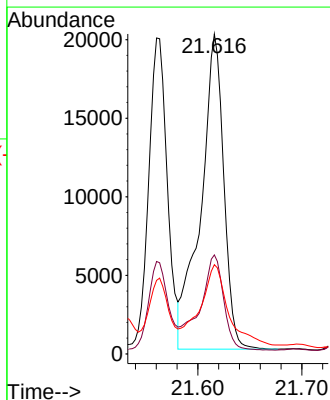
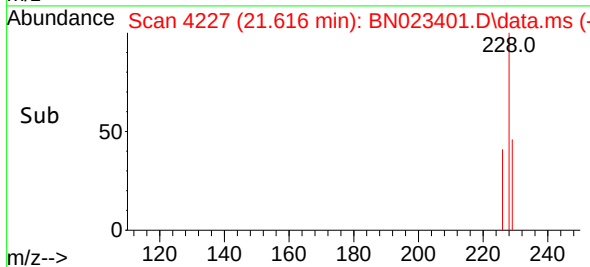
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

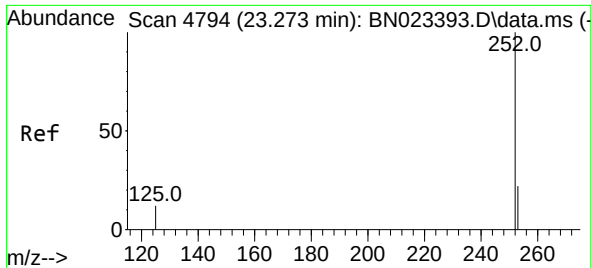


#22
Chrysene
Concen: 0.339 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27



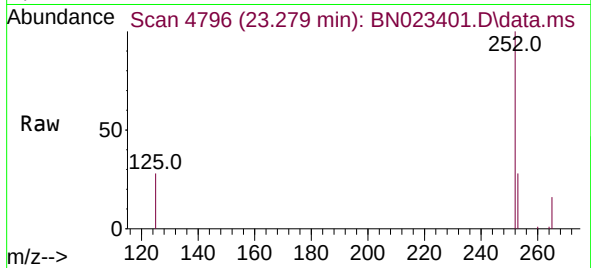
Tgt Ion:228 Resp: 30832
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 27.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.472 ng/ul m
RT: 23.279 min Scan# 4796
Delta R.T. 0.005 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

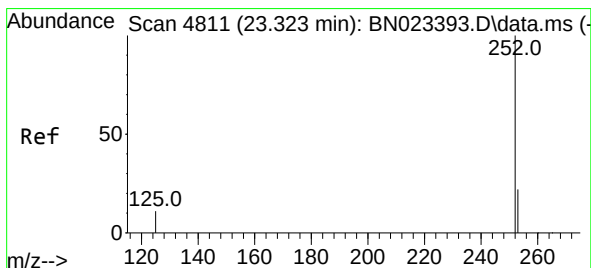
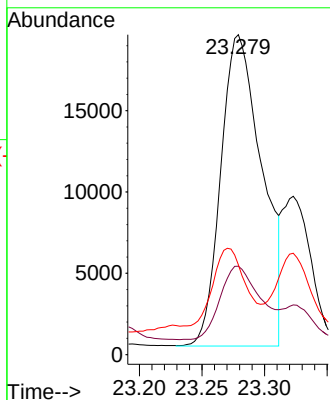
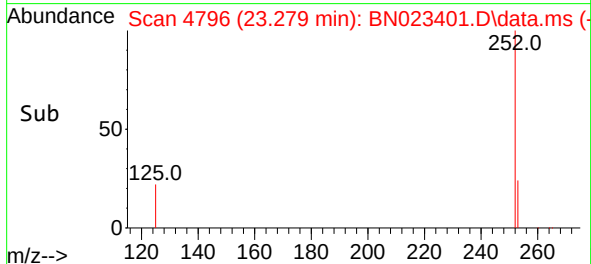
Instrument :
BNA_N
ClientSampleId :
DBXU1



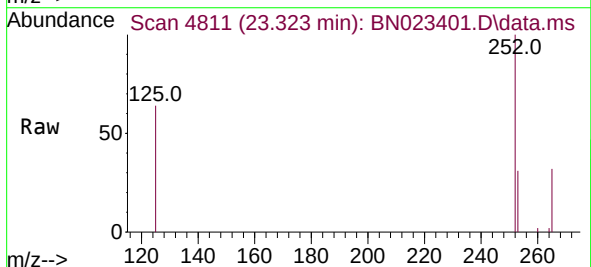
Tgt Ion:252 Resp: 43854
Ion Ratio Lower Upper
252 100
253 27.6 0.0 49.2
125 28.1 0.0 31.8

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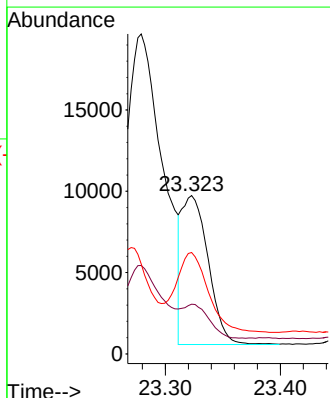
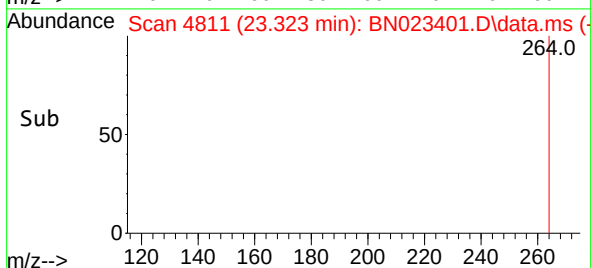
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

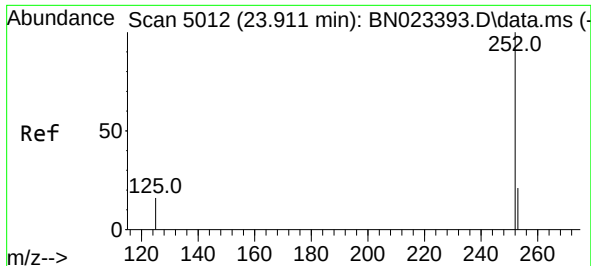


#25
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27



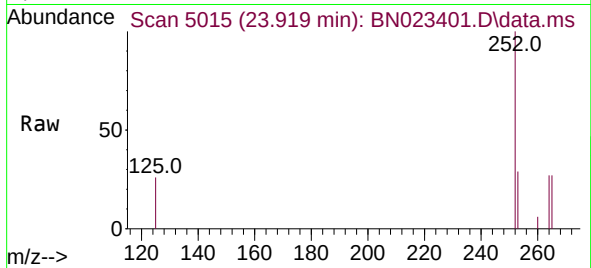
Tgt Ion:252 Resp: 14601
Ion Ratio Lower Upper
252 100
253 31.3 19.8 29.6#
125 64.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

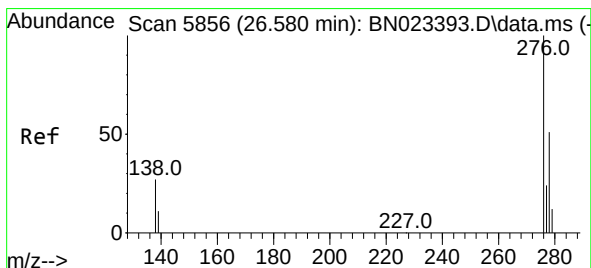
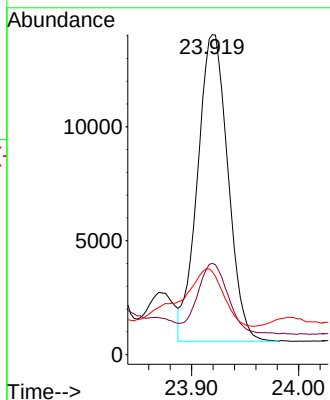
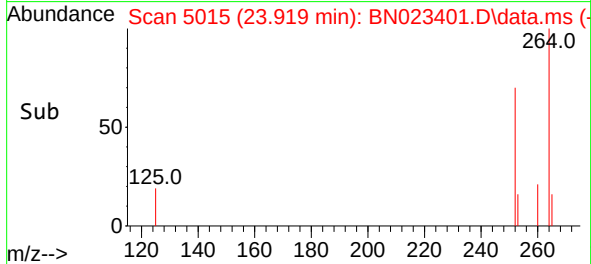
Instrument :
BNA_N
ClientSampleId :
DBXU1



Tgt Ion:252 Resp: 26510
Ion Ratio Lower Upper
252 100
253 28.5 21.4 32.2
125 25.9 16.2 24.4

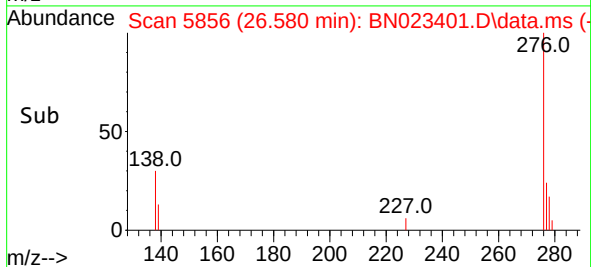
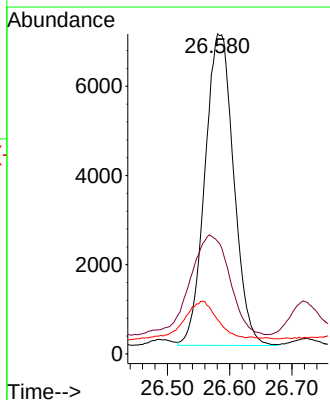
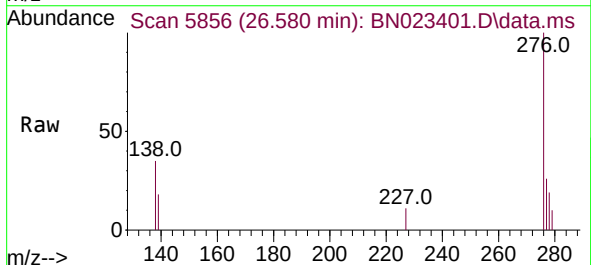
Manual Integrations
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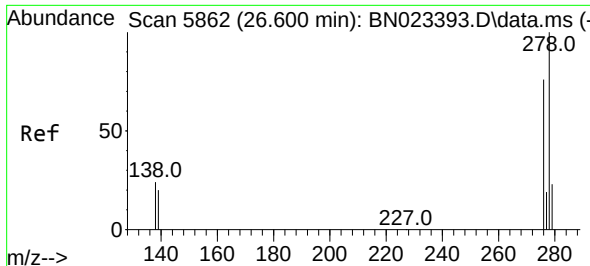
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

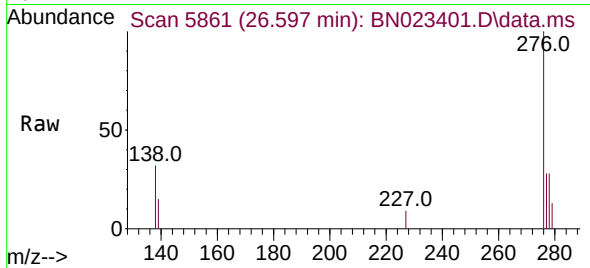
Tgt Ion:276 Resp: 22434
Ion Ratio Lower Upper
276 100
138 44.7 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.597 min Scan# 5862
Delta R.T. -0.004 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

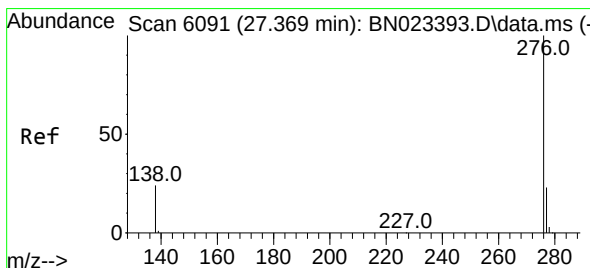
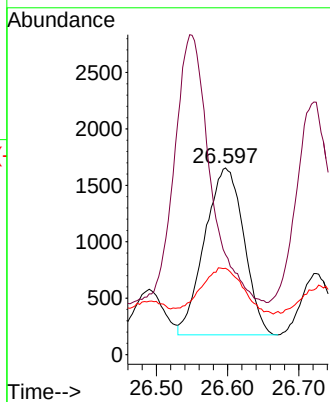
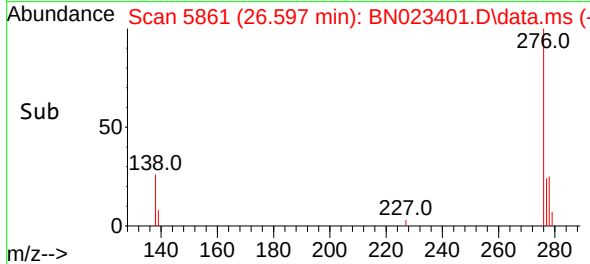
Instrument :
BNA_N
ClientSampleId :
DBXU1



Tgt Ion:278 Resp: 5652
Ion Ratio Lower Upper
278 100
139 53.6 16.6 24.8
279 46.3 21.3 31.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 27.375 min Scan# 6093
Delta R.T. 0.006 min
Lab File: BN023401.D
Acq: 24 Dec 2022 09:27

Tgt Ion:276 Resp: 23080
Ion Ratio Lower Upper
276 100
138 58.3 20.3 30.5
277 25.9 19.7 29.5

