

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023391.D
 Acq On : 24 Dec 2022 02:53
 Operator : CG/JU
 Sample : N6008-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:41:37 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	8098	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	27185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	15569	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	35475	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	25696	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	19715	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	7175	0.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	2351	0.056	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	5237	0.056	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.859	128	3880	0.049	ng/ul#	95
7) 2-Methylnaphthalene	12.470	142	1198	0.023	ng/ul	98
10) Acenaphthylene	14.363	152	6071	0.088	ng/ul	97
15) Phenanthrene	17.428	178	15784	0.137	ng/ul	98
16) Anthracene	17.521	178	6699	0.070	ng/ul	95
19) Fluoranthene	19.448	202	40092	0.322	ng/ul	99
20) Pyrene	19.811	202	34296m	0.273	ng/ul	
21) Benzo(a)anthracene	21.560	228	27291	0.273	ng/ul	95
22) Chrysene	21.613	228	38097	0.374	ng/ul#	95
24) Benzo(b)fluoranthene	23.276	252	54402m	0.534	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	18030m	0.188	ng/ul	
26) Benzo(a)pyrene	23.913	252	31730	0.393	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.577	276	23447	0.249	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.590	278	5942	0.081	ng/ul#	75
29) Benzo(g,h,i)perylene	27.368	276	22833	0.297	ng/ul	95

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

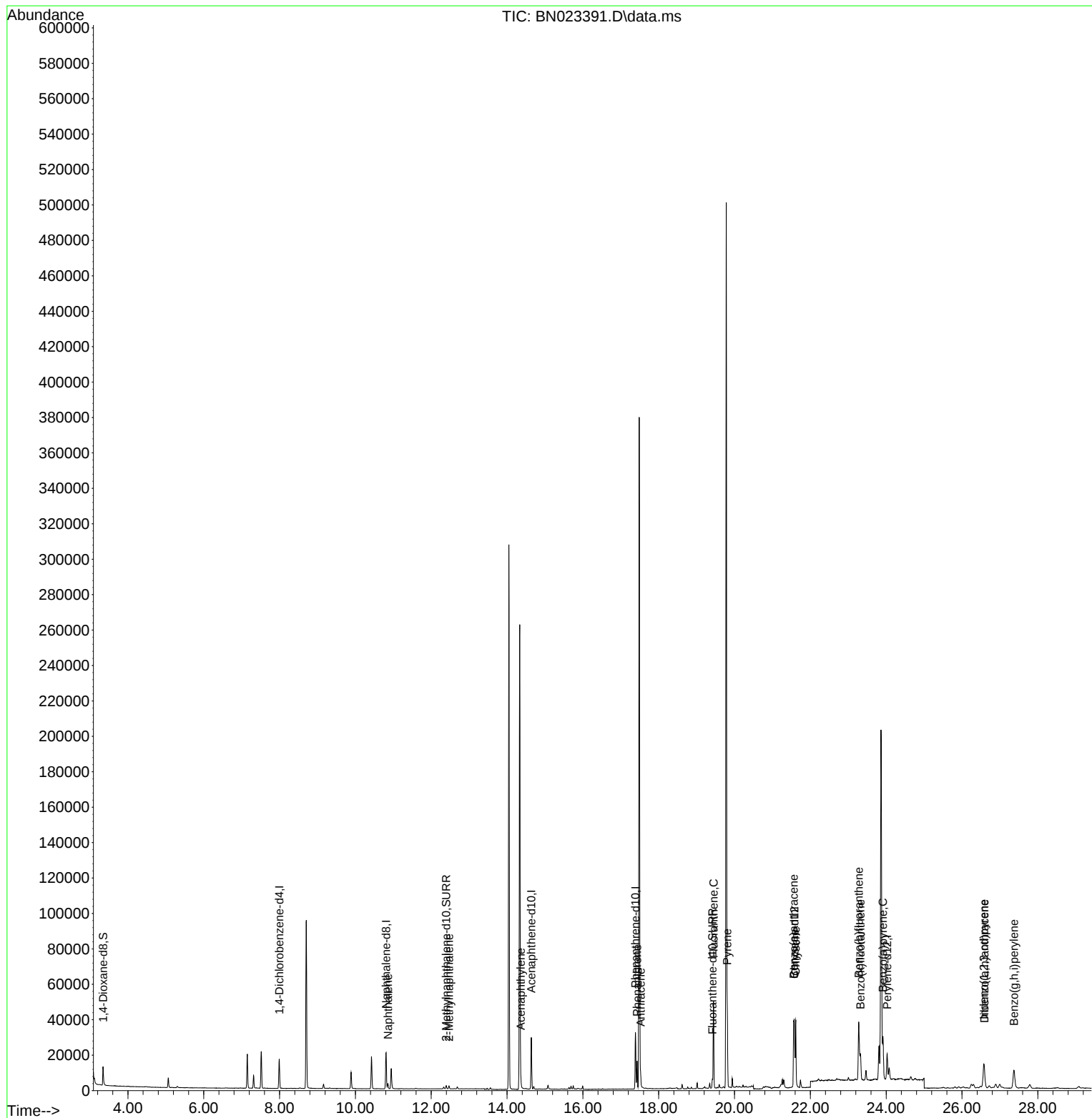
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
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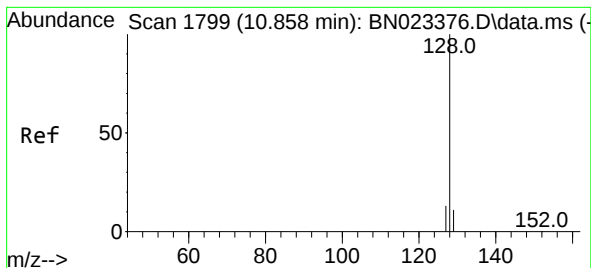
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.049 ng/ul

RT: 10.859 min Scan# 1799

Delta R.T. -0.005 min

Lab File: BN023391.D

Acq: 24 Dec 2022 02:53

Instrument :

BNA_N

ClientSampleId :

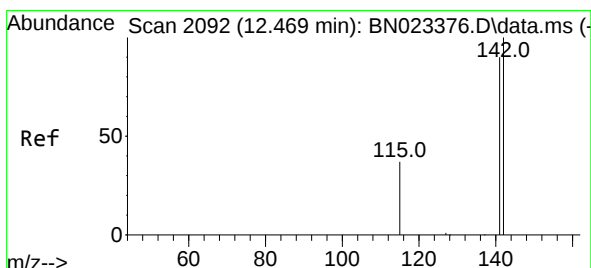
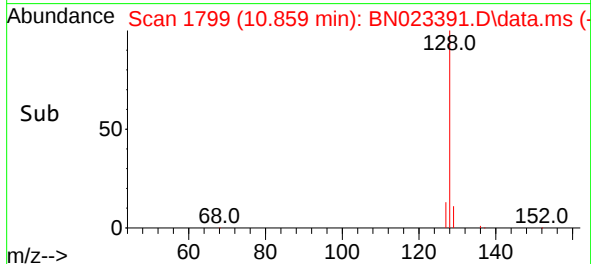
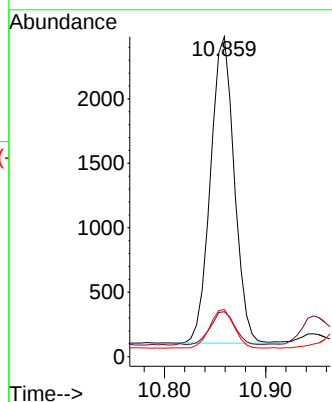
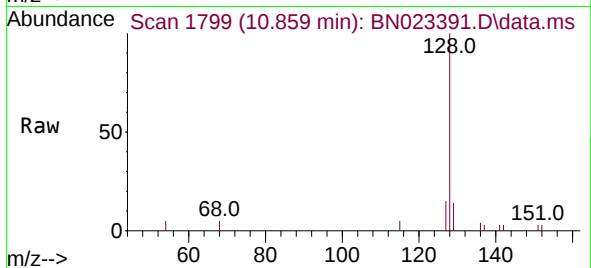
DBXY1DL

Tgt Ion:128	Resp:	3880
Ion Ratio	Lower	Upper
128	100	
129	14.1	9.0 13.4
127	14.7	10.7 16.1

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#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

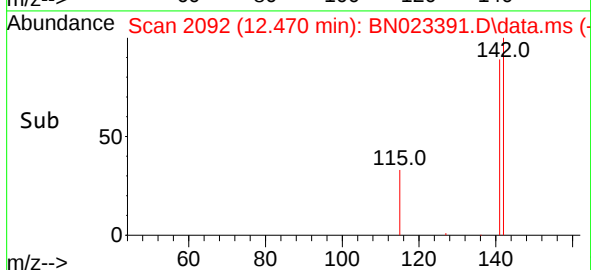
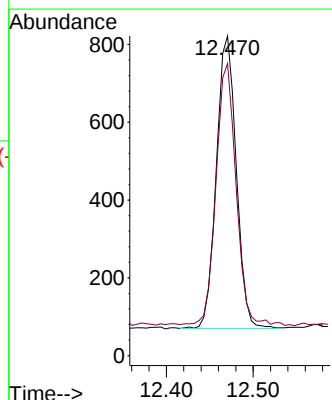
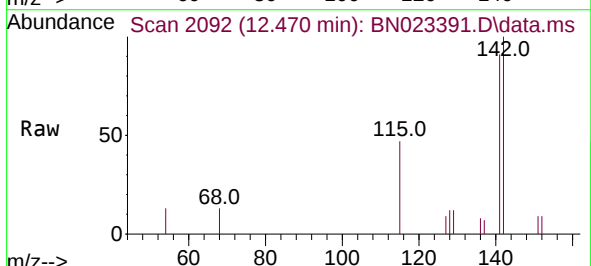
RT: 12.470 min Scan# 2092

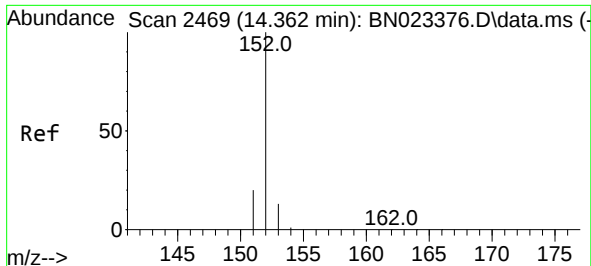
Delta R.T. -0.005 min

Lab File: BN023391.D

Acq: 24 Dec 2022 02:53

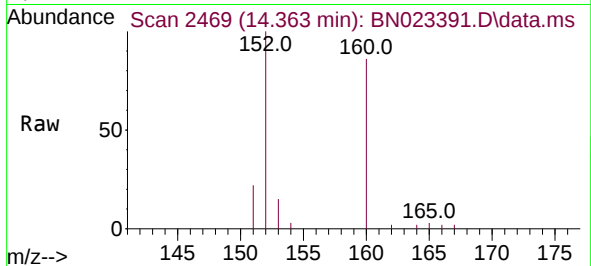
Tgt Ion:142	Resp:	1198
Ion Ratio	Lower	Upper
142	100	
141	90.9	71.4 107.2





#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53

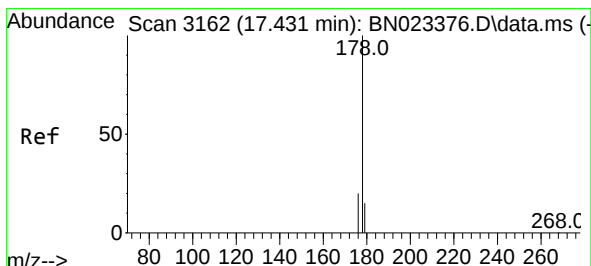
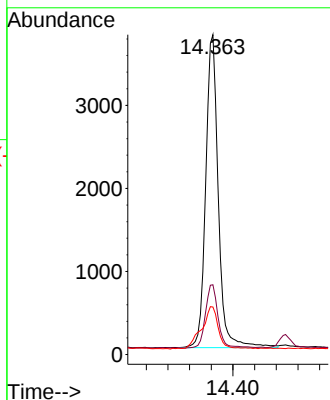
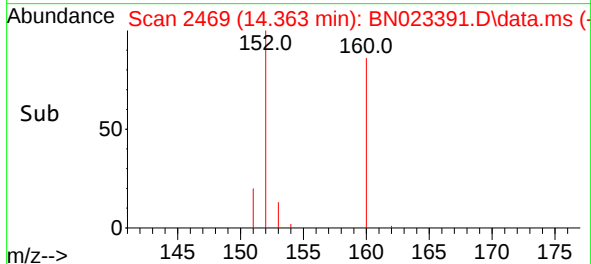
Instrument :
BNA_N
ClientSampleId :
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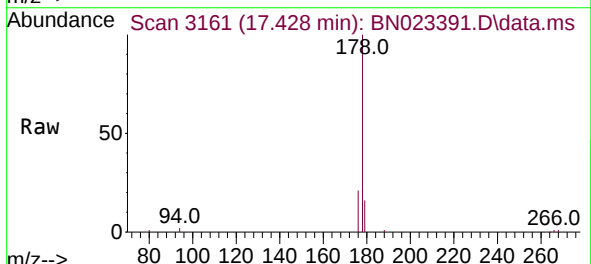
Tgt Ion:152 Resp: 6071
Ion Ratio Lower Upper
152 100
151 21.8 16.1 24.1
153 14.8 10.9 16.3

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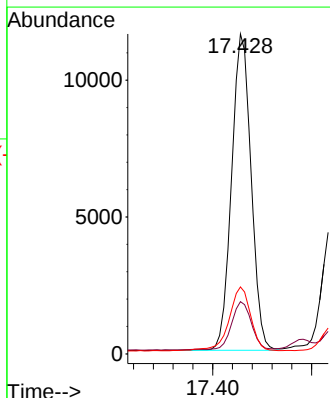
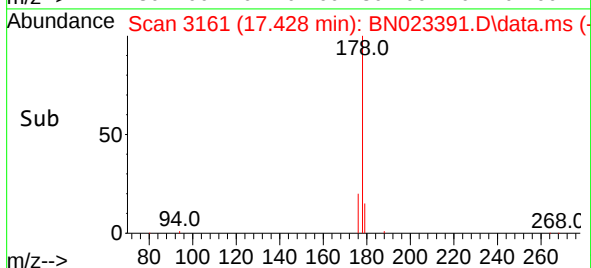
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

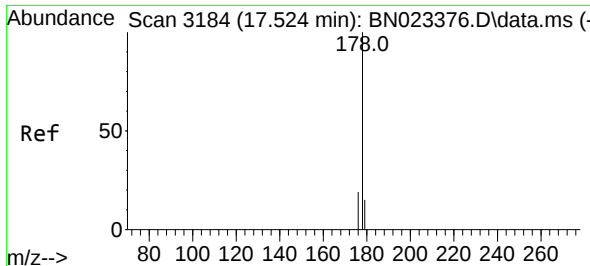


#15
Phenanthrene
Concen: 0.137 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53



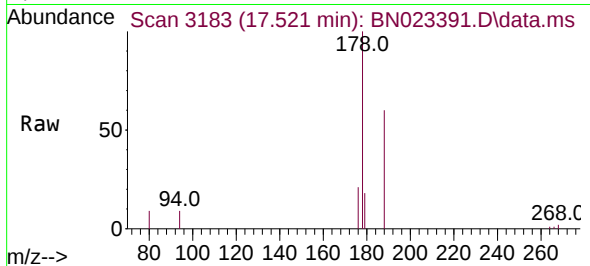
Tgt Ion:178 Resp: 15784
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 20.9 15.7 23.5





#16
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.521 min Scan# 3184
 Delta R.T. -0.005 min
 Lab File: BN023391.D
 Acq: 24 Dec 2022 02:53

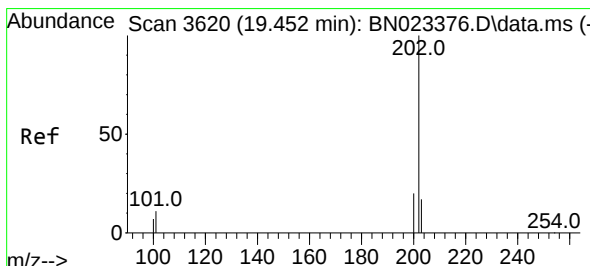
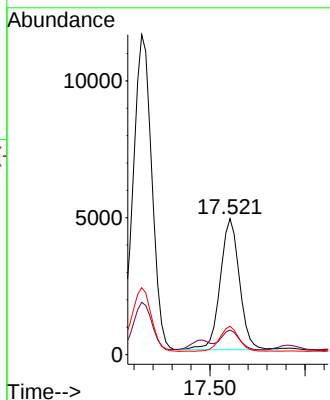
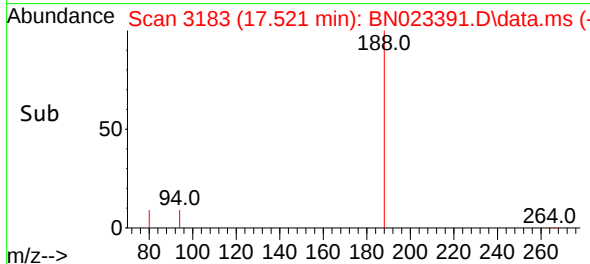
Instrument :
 BNA_N
 ClientSampleId :
 DBXY1DL



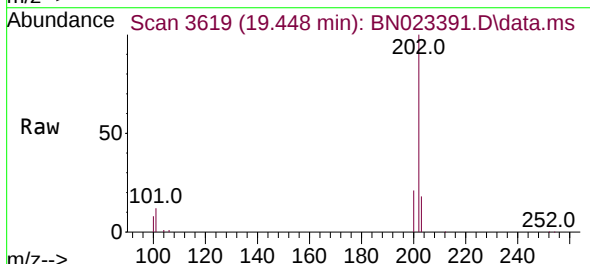
Tgt Ion:178 Resp: 6699
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.6 18.8
 176 20.9 15.4 23.0

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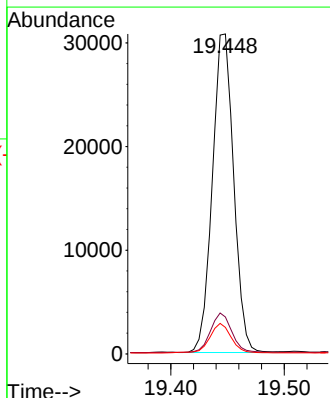
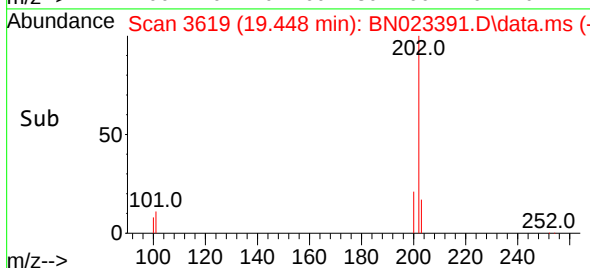
Reviewed By :Jagrut Upadhyay 12/24/2022
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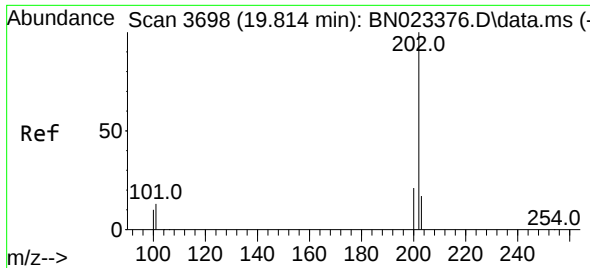


#19
 Fluoranthene
 Concen: 0.322 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023391.D
 Acq: 24 Dec 2022 02:53



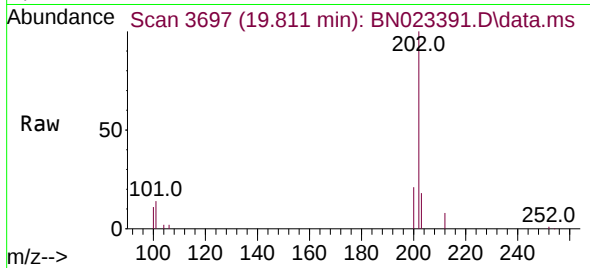
Tgt Ion:202 Resp: 40092
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.4 14.2
 100 8.3 7.0 10.6





#20
Pyrene
Concen: 0.273 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53

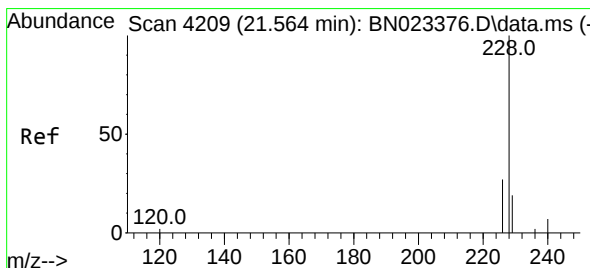
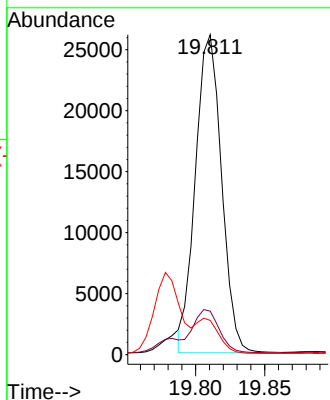
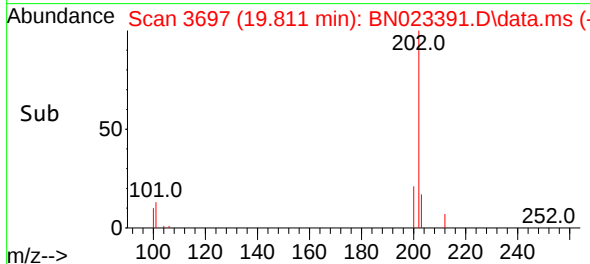
Instrument :
BNA_N
ClientSampleId :
DBXY1DL



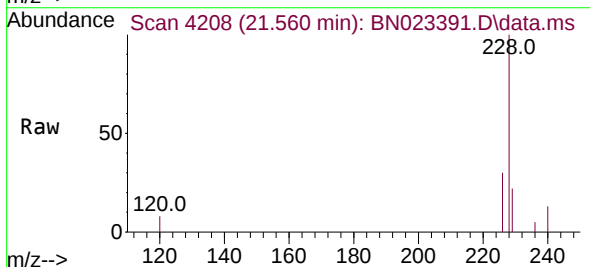
Tgt Ion:202 Resp: 34296
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.7 9.0 13.4

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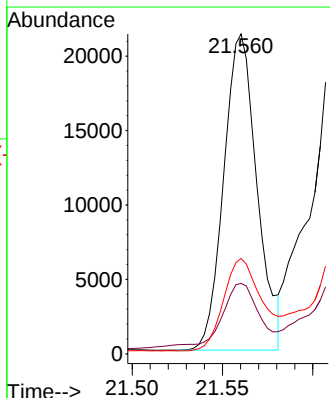
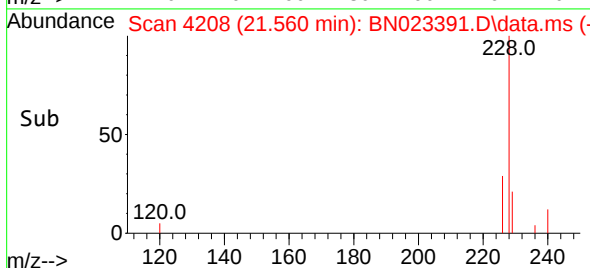
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Supervised By :Yogesh Patel 12/24/2022

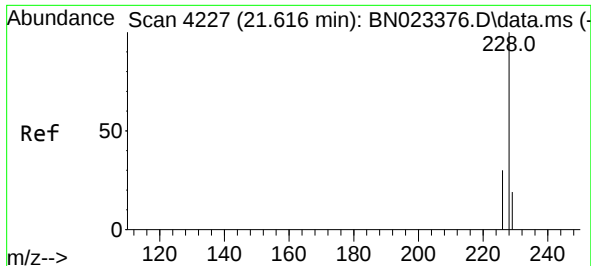


#21
Benzo(a)anthracene
Concen: 0.273 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53



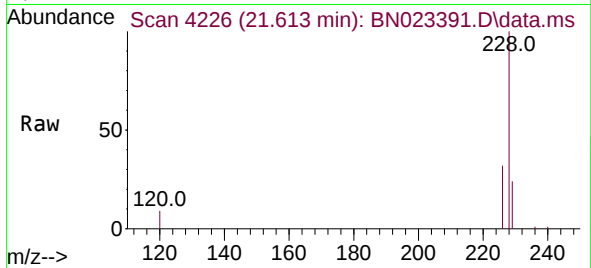
Tgt Ion:228 Resp: 27291
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.8 22.2 33.2





#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.613 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53

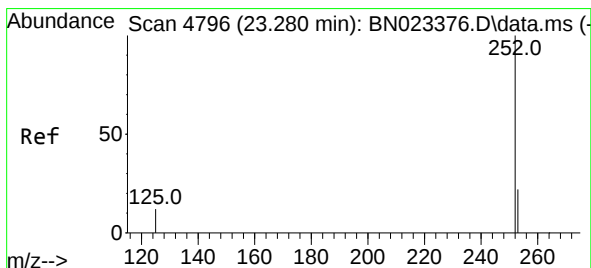
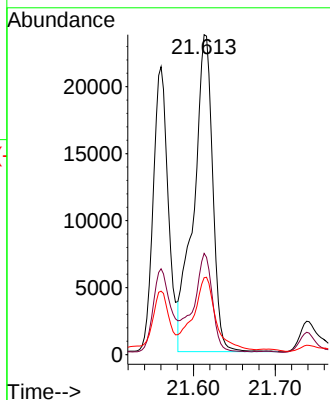
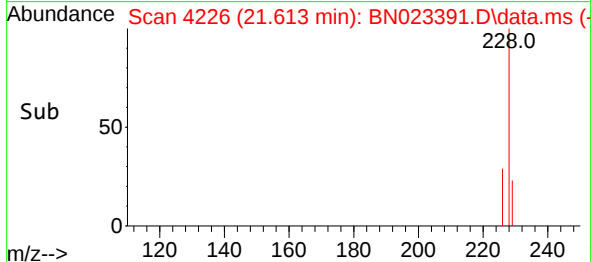
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BNA_N
ClientSampleId :
DBXY1DL



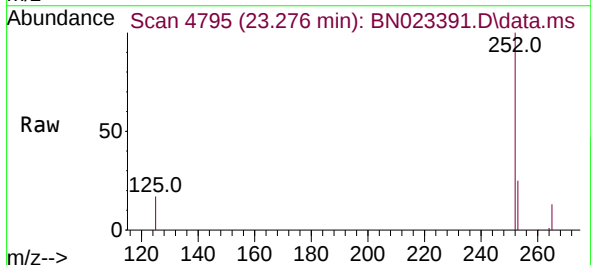
Tgt Ion:228 Resp: 3809
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 24.0 15.8 23.6

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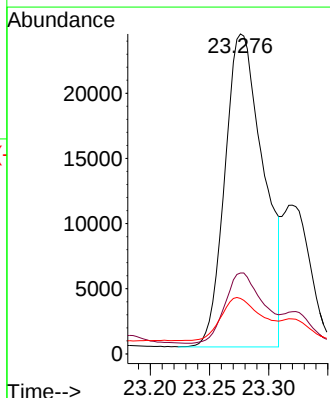
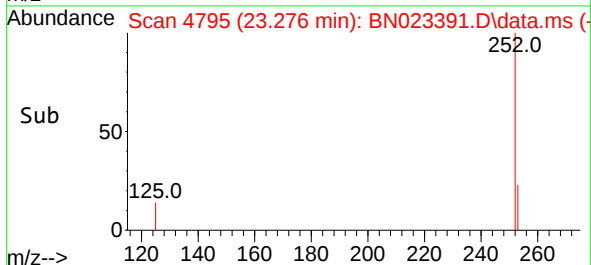
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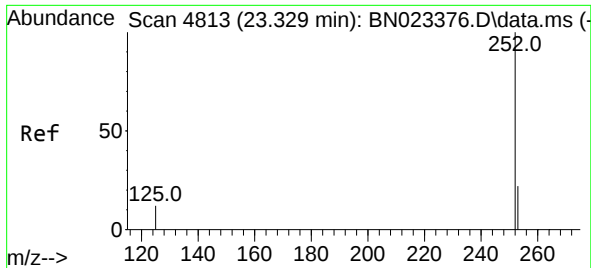


#24
Benzo(b)fluoranthene
Concen: 0.534 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53



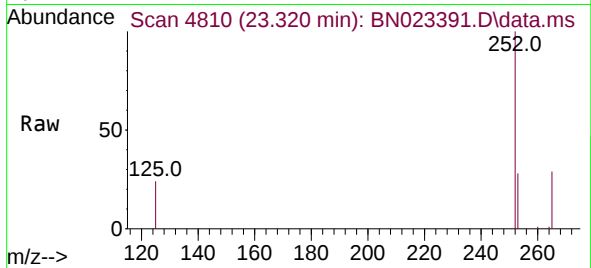
Tgt Ion:252 Resp: 54402
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.2
125 17.3 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.188 ng/ul m
RT: 23.320 min Scan# 4813
Delta R.T. -0.004 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53

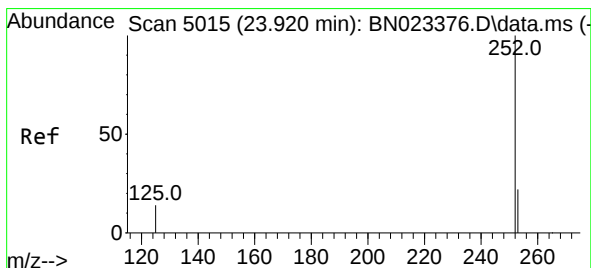
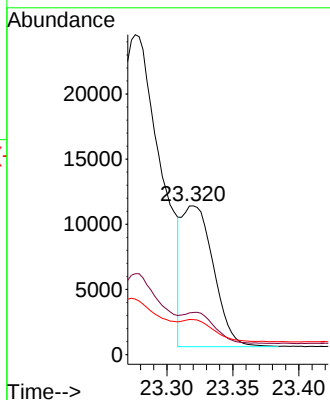
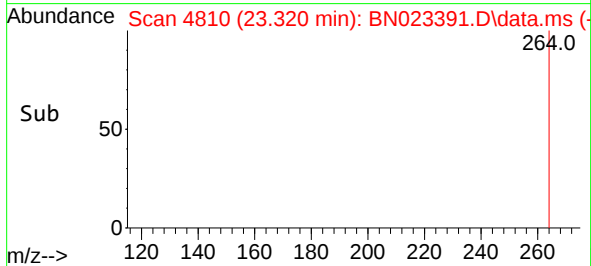
Instrument :
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Tgt Ion:252 Resp: 18030
Ion Ratio Lower Upper
252 100
253 28.4 19.8 29.6
125 23.6 12.6 18.8

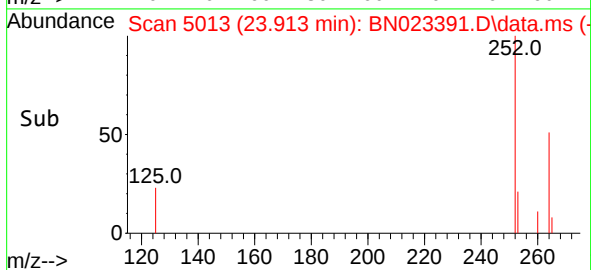
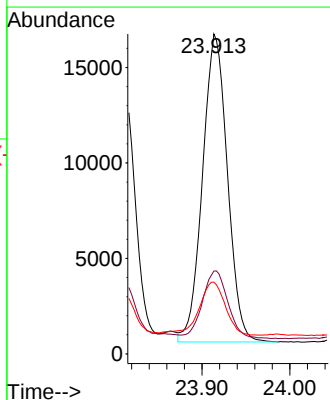
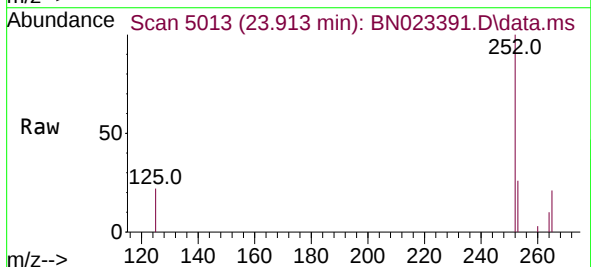
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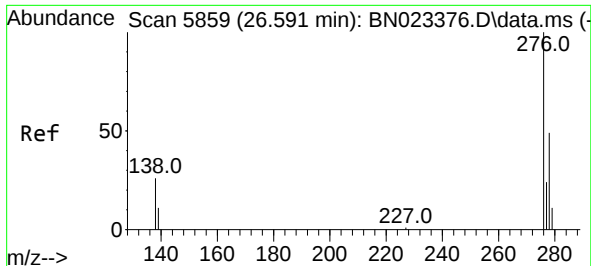
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.913 min Scan# 5013
Delta R.T. -0.001 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53

Tgt Ion:252 Resp: 31730
Ion Ratio Lower Upper
252 100
253 25.9 21.4 32.2
125 22.4 16.2 24.4





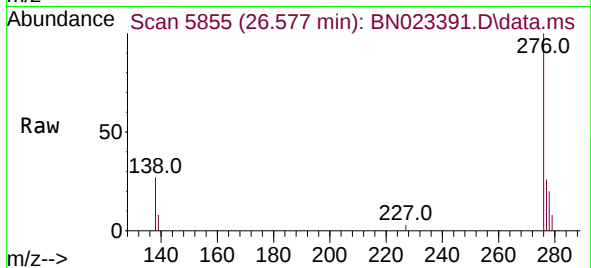
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53

Instrument :

BNA_N

ClientSampleId :

DBXY1DL

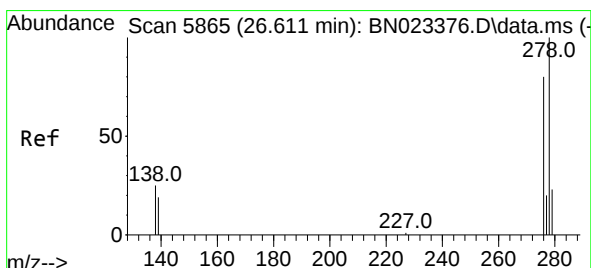
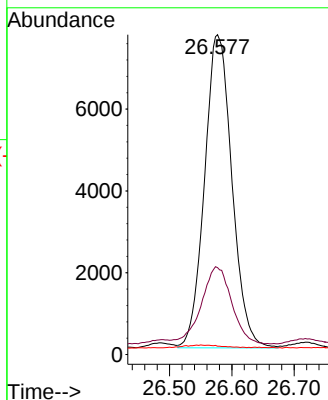
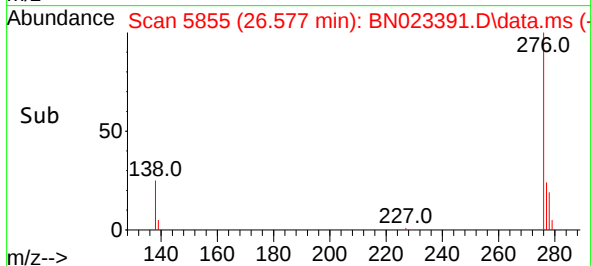


Tgt Ion:276 Resp: 2344
Ion Ratio Lower Upper
276 100
138 26.9 23.4 35.2
227 0.0 0.0 0.0

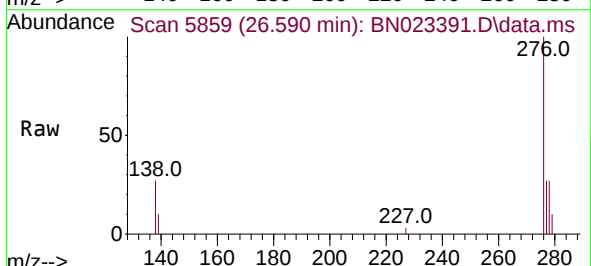
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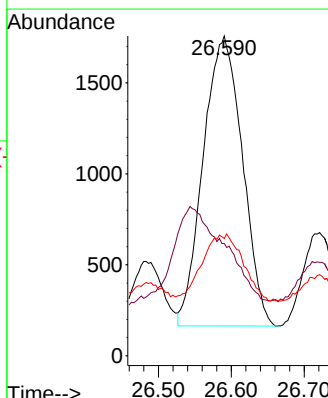
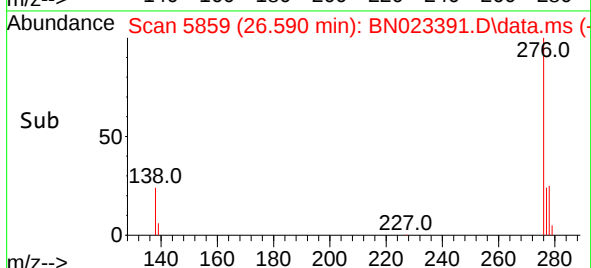
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

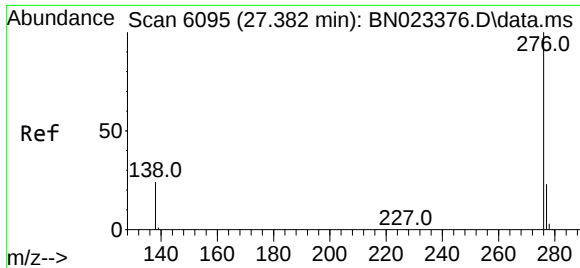


#28
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023391.D
Acq: 24 Dec 2022 02:53



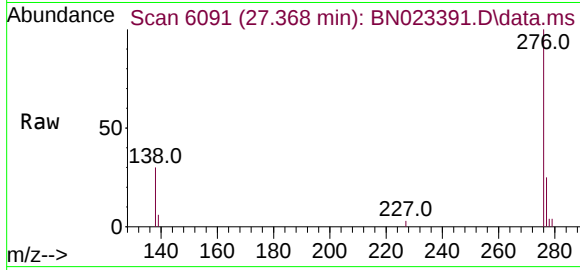
Tgt Ion:278 Resp: 5942
Ion Ratio Lower Upper
278 100
139 35.1 16.6 24.8#
279 36.7 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.297 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. -0.001 min
 Lab File: BN023391.D
 Acq: 24 Dec 2022 02:53

Instrument :
 BNA_N
 ClientSampleId :
 DBXY1DL



Tgt Ion:	276	Resp:	22833
Ion Ratio	Lower	Upper	
276	100		
138	29.7	20.3	30.5
277	25.3	19.7	29.5

Manual Integrations
 APPROVED

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