

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023397.D
 Acq On : 24 Dec 2022 07:04
 Operator : CG/JU
 Sample : N6015-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT5

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:16:52 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	8259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	26917	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.641	164	15848	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	37669	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	25844	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	20919	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	38025	4.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	11976	0.288	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	28311	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	2044	0.026	ng/ul#	89
7) 2-Methylnaphthalene	12.471	142	1088	0.022	ng/ul	97
10) Acenaphthylene	14.358	152	1765	0.025	ng/ul#	75
15) Phenanthrene	17.428	178	16217	0.132	ng/ul#	67
16) Anthracene	17.521	178	2251	0.022	ng/ul#	81
19) Fluoranthene	19.444	202	42271	0.337	ng/ul#	86
20) Pyrene	19.811	202	33091m	0.262	ng/ul	
21) Benzo(a)anthracene	21.560	228	18915	0.188	ng/ul	96
22) Chrysene	21.616	228	23460	0.229	ng/ul	98
24) Benzo(b)fluoranthene	23.276	252	35479m	0.328	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	10982m	0.108	ng/ul	
26) Benzo(a)pyrene	23.919	252	20732	0.242	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.584	276	17946	0.179	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.590	278	4474	0.058	ng/ul#	43
29) Benzo(g,h,i)perylene	27.375	276	17854	0.219	ng/ul#	89

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

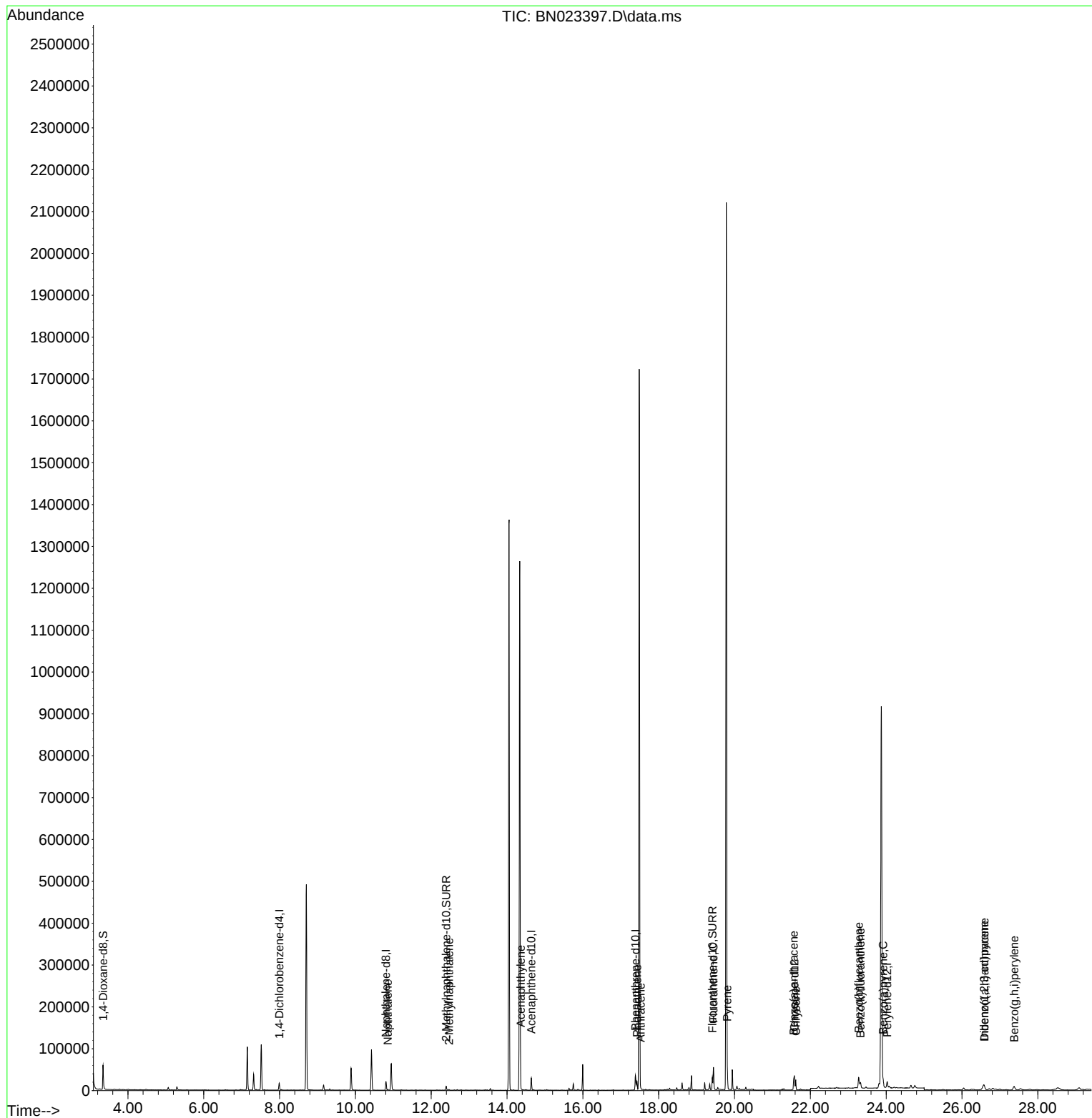
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023397.D
Acq On : 24 Dec 2022 07:04
Operator : CG/JU
Sample : N6015-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

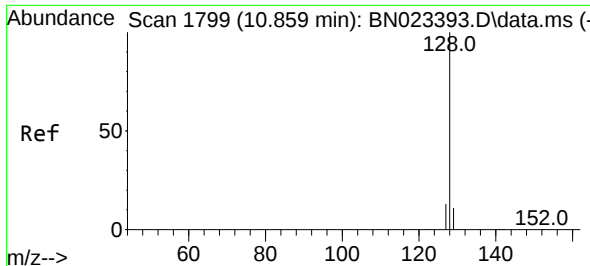
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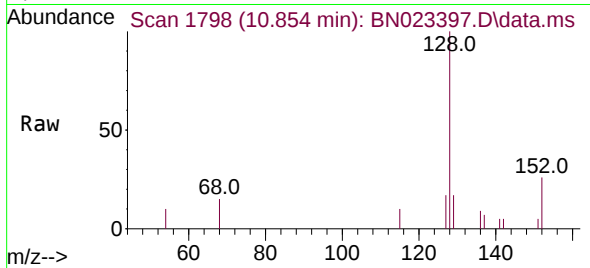
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

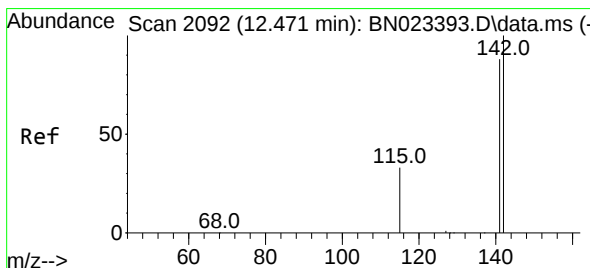
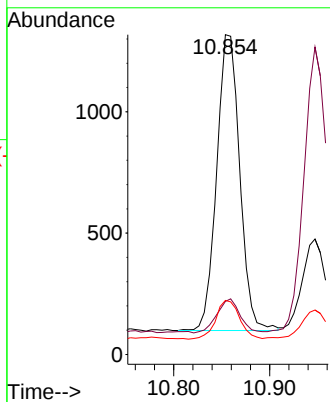
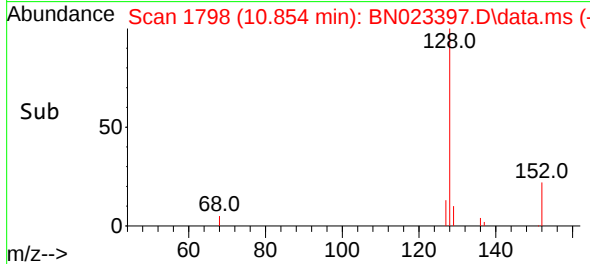
Instrument :
BNA_N
ClientSampleId :
DBXT5



Tgt Ion:128 Resp: 2044
Ion Ratio Lower Upper
128 100
129 16.6 9.0 13.4
127 16.9 10.7 16.1

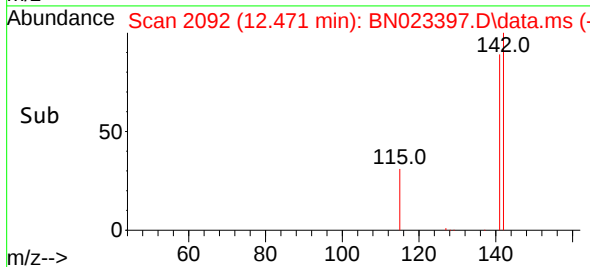
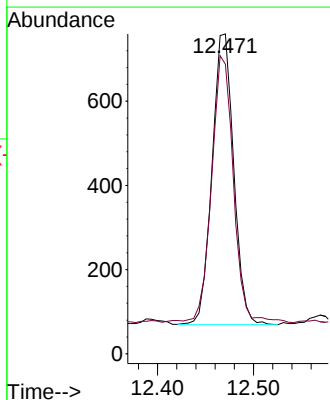
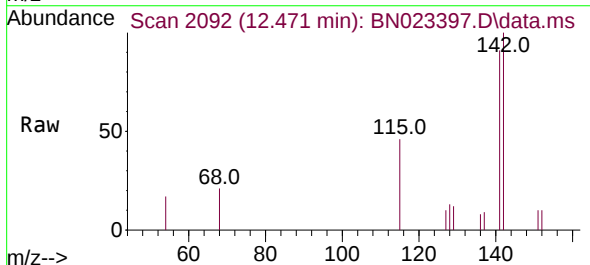
Manual Integrations
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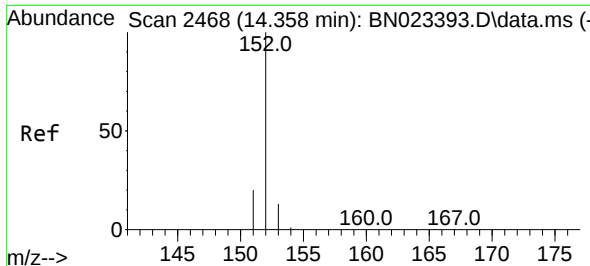
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.471 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

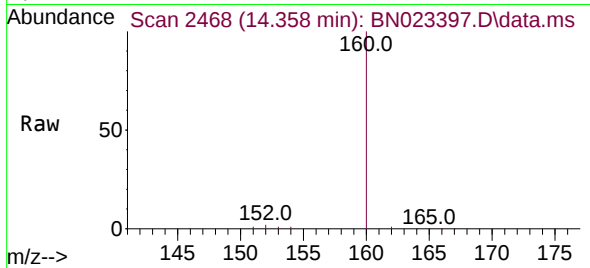
Tgt Ion:142 Resp: 1088
Ion Ratio Lower Upper
142 100
141 92.4 71.4 107.2





#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

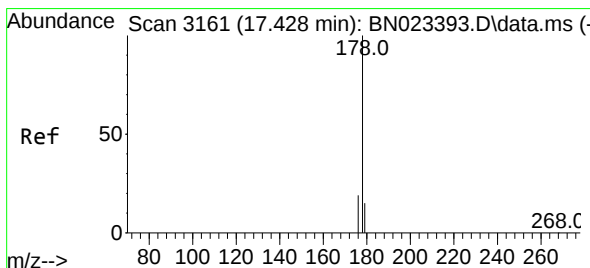
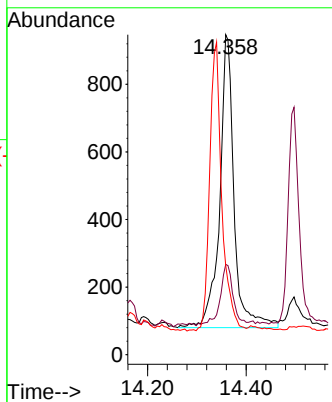
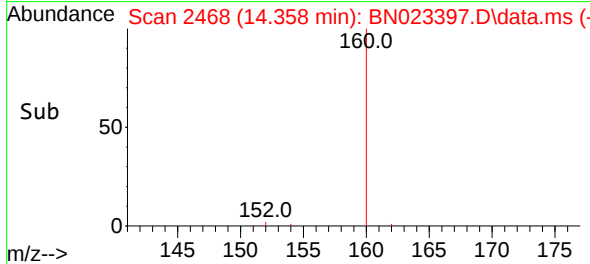
Instrument :
BNA_N
ClientSampleId :
DBXT5



Tgt Ion:152 Resp: 1765
Ion Ratio Lower Upper
152 100
151 28.2 16.1 24.1
153 27.9 10.9 16.3

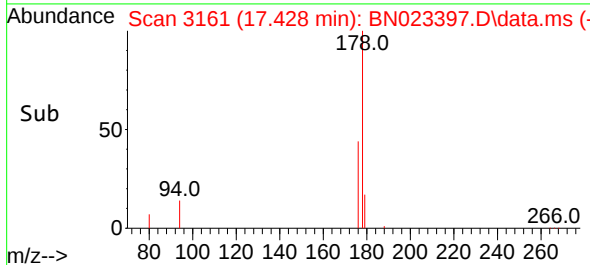
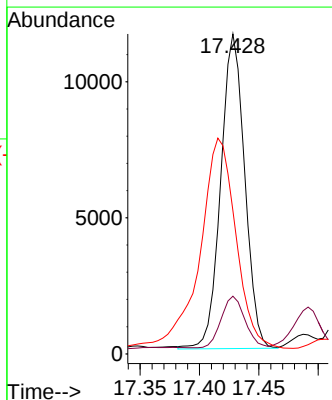
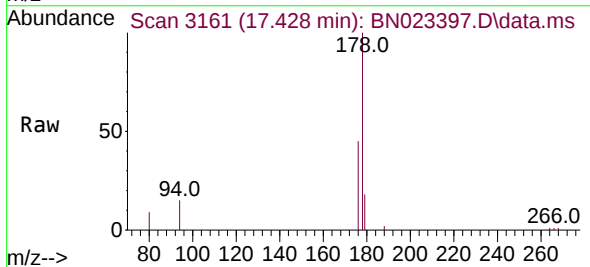
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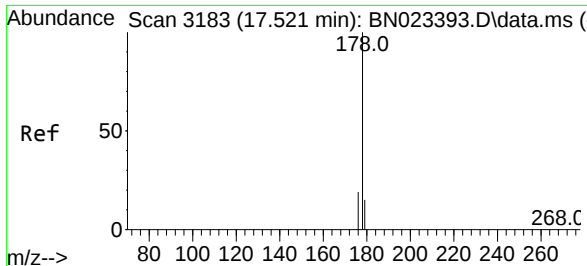
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

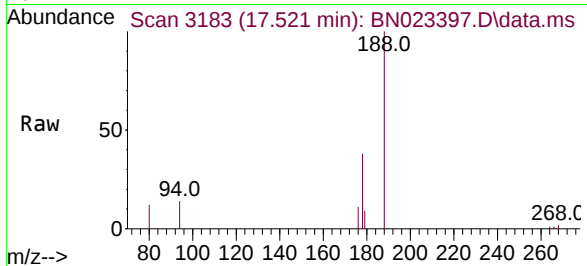
Tgt Ion:178 Resp: 16217
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 44.7 15.7 23.5





#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. -0.005 min
 Lab File: BN023397.D
 Acq: 24 Dec 2022 07:04

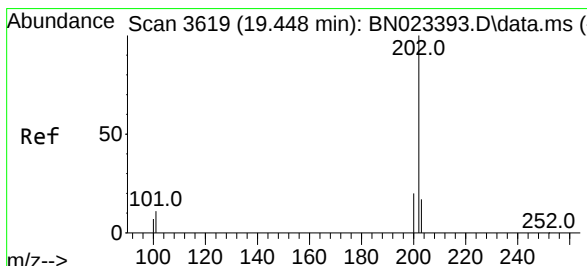
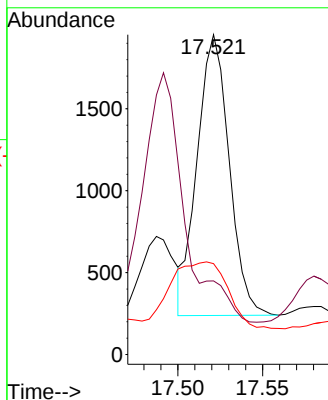
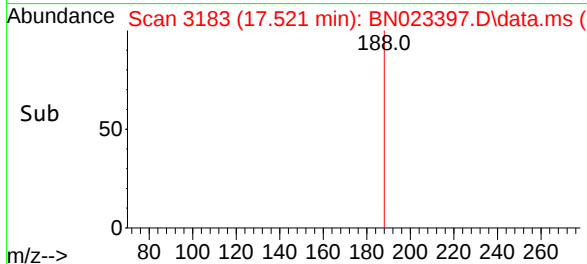
Instrument :
 BNA_N
 ClientSampleId :
 DBXT5



Tgt Ion:178 Resp: 2251
 Ion Ratio Lower Upper
 178 100
 179 23.0 12.6 18.8#
 176 28.4 15.4 23.0#

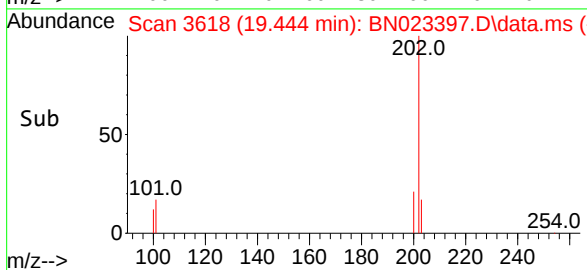
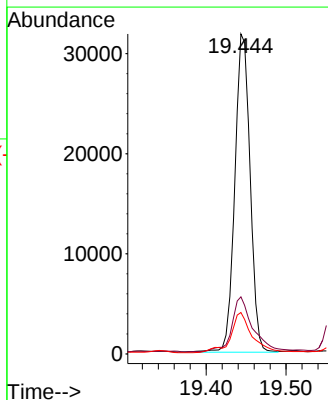
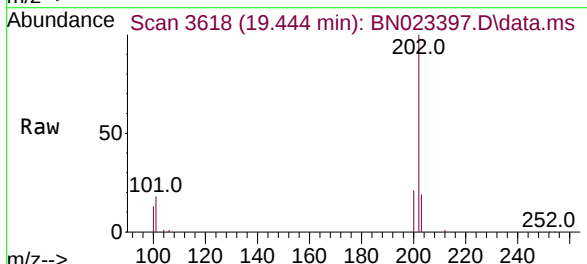
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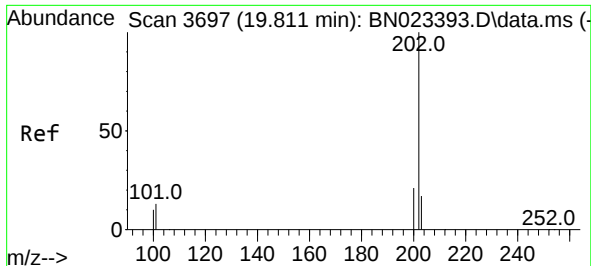
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.337 ng/ul
 RT: 19.444 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BN023397.D
 Acq: 24 Dec 2022 07:04

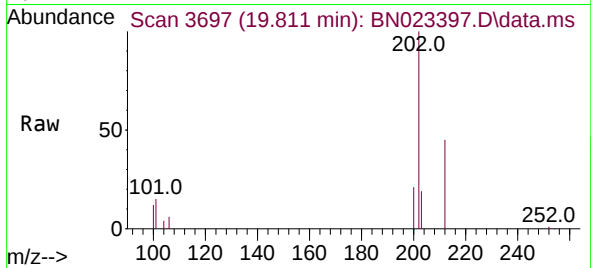
Tgt Ion:202 Resp: 42271
 Ion Ratio Lower Upper
 202 100
 101 17.8 9.4 14.2#
 100 12.9 7.0 10.6#





#20
Pyrene
Concen: 0.262 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

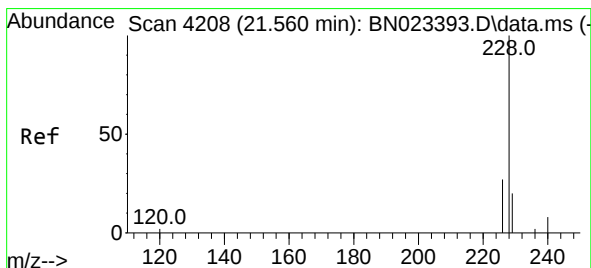
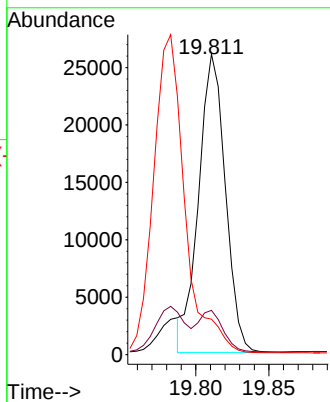
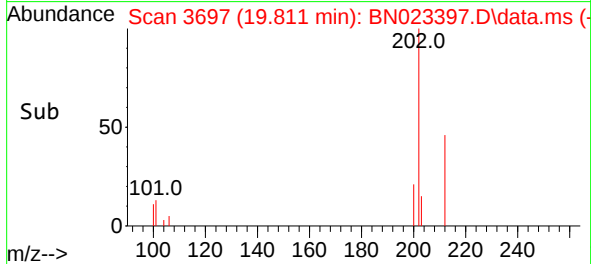
Instrument :
BNA_N
ClientSampleId :
DBXT5



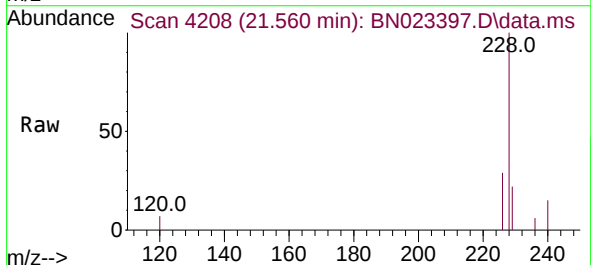
Tgt Ion:202 Resp: 33091
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.8 9.0 13.4

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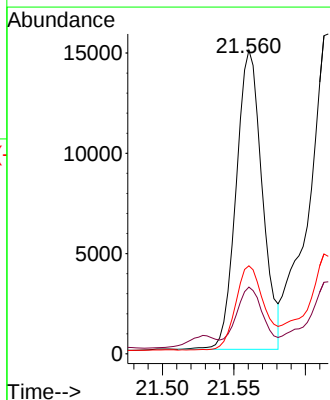
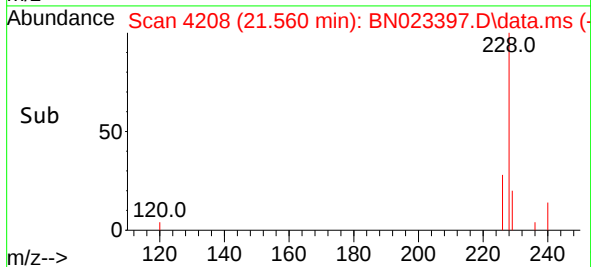
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

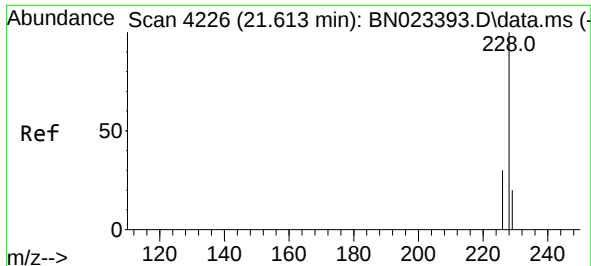


#21
Benzo(a)anthracene
Concen: 0.188 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04



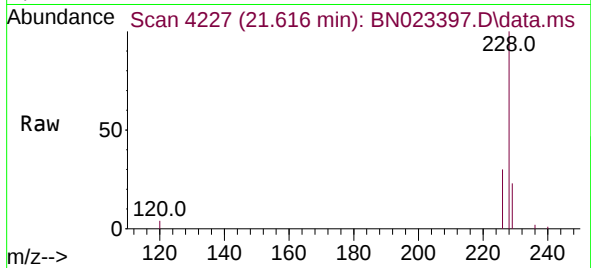
Tgt Ion:228 Resp: 18915
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.0 22.2 33.2





#22
Chrysene
Concen: 0.229 ng/ul
RT: 21.616 min Scan# 4226
Delta R.T. -0.001 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

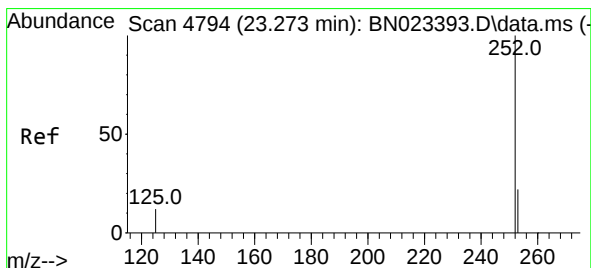
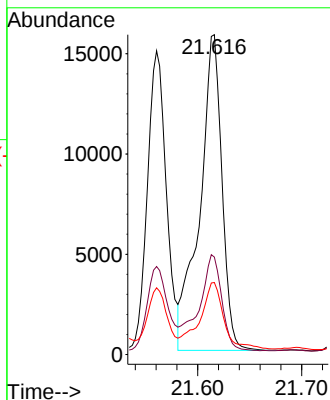
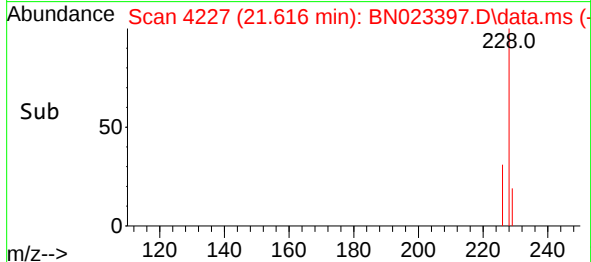
Instrument :
BNA_N
ClientSampleId :
DBXT5



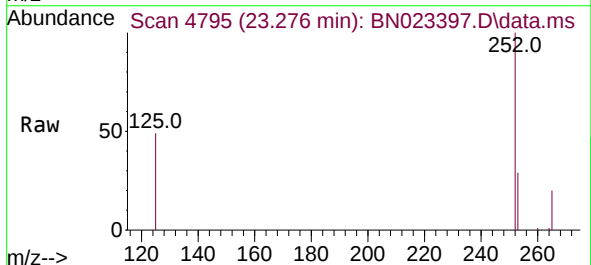
Tgt Ion:228 Resp: 23460
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.5 15.8 23.6

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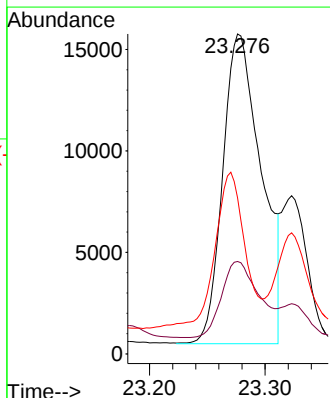
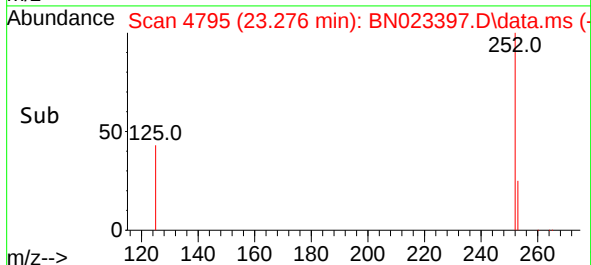
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

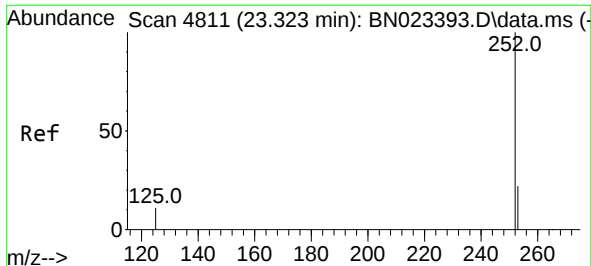


#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04



Tgt Ion:252 Resp: 35479
Ion Ratio Lower Upper
252 100
253 28.9 0.0 49.2
125 48.8 0.0 31.8#





#25

Benzo(k)fluoranthene

Concen: 0.108 ng/ul m

RT: 23.323 min Scan# 4811

Delta R.T. -0.001 min

Lab File: BN023397.D

Acq: 24 Dec 2022 07:04

Instrument :

BNA_N

ClientSampleId :

DBXT5

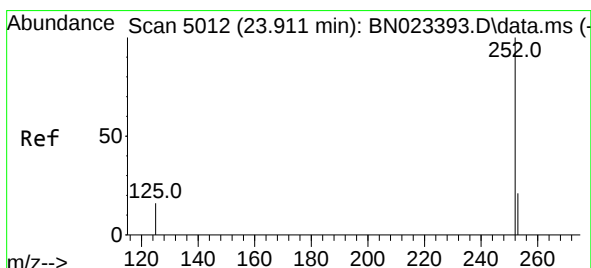
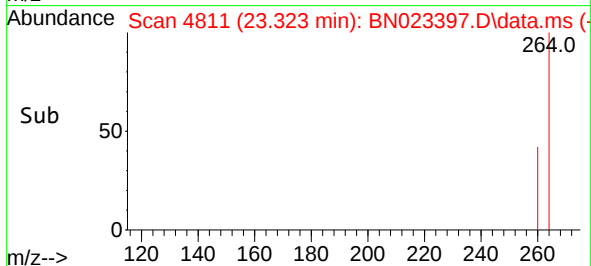
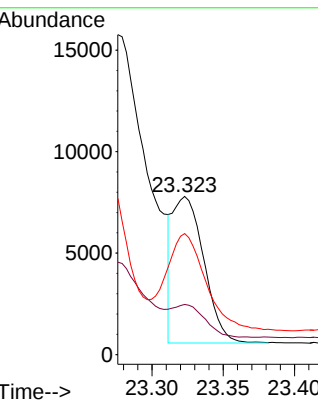
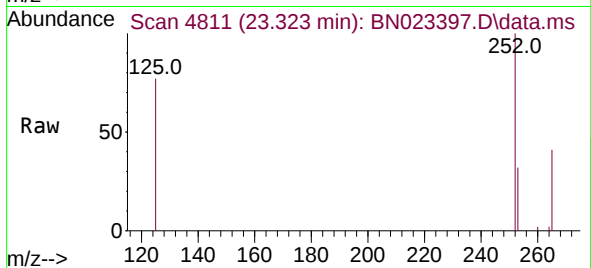
Tgt Ion:252 Resp: 10982

Ion	Ratio	Lower	Upper
252	100		
253	31.7	19.8	29.6
125	76.5	12.6	18.8

Manual Integrations

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Supervised By :Yogesh Patel 12/25/2022



#26

Benzo(a)pyrene

Concen: 0.242 ng/ul

RT: 23.919 min Scan# 5015

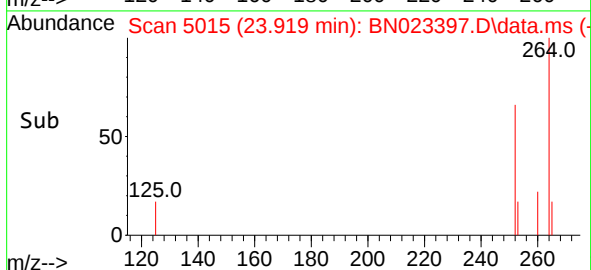
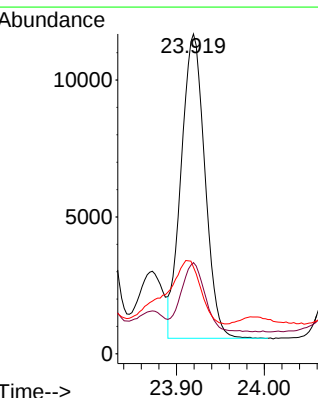
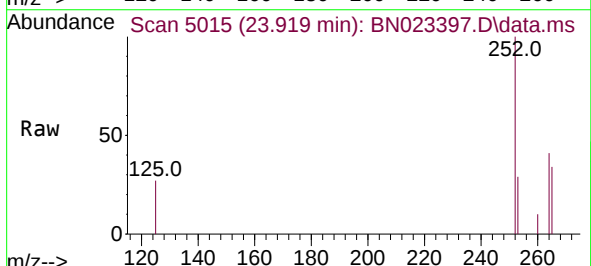
Delta R.T. 0.005 min

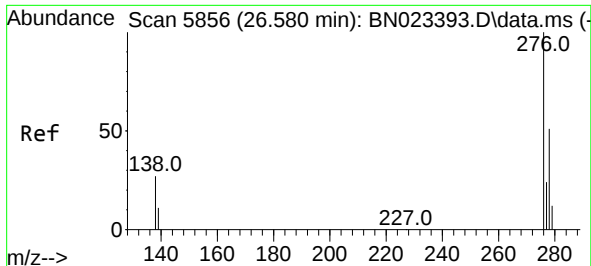
Lab File: BN023397.D

Acq: 24 Dec 2022 07:04

Tgt Ion:252 Resp: 20732

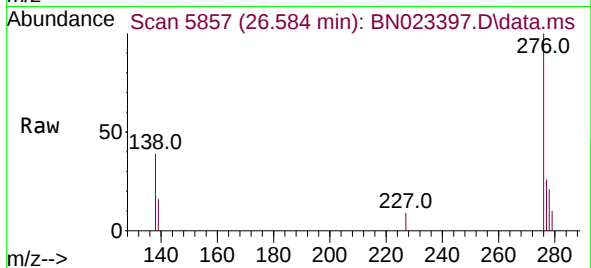
Ion	Ratio	Lower	Upper
252	100		
253	28.5	21.4	32.2
125	27.1	16.2	24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng/ul
RT: 26.584 min Scan# 5856
Delta R.T. 0.006 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04

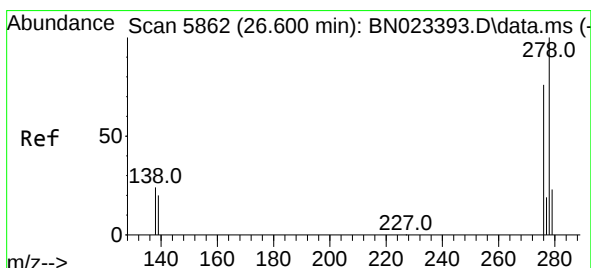
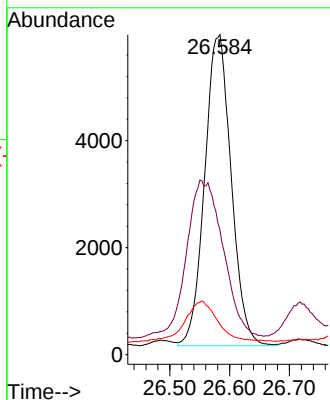
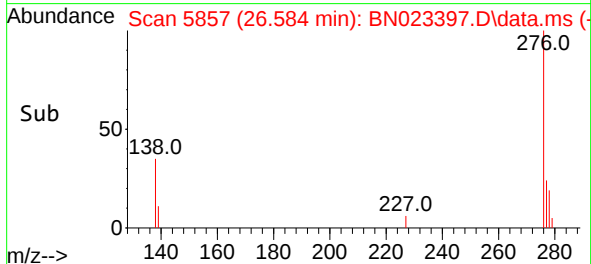
Instrument :
BNA_N
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DBXT5



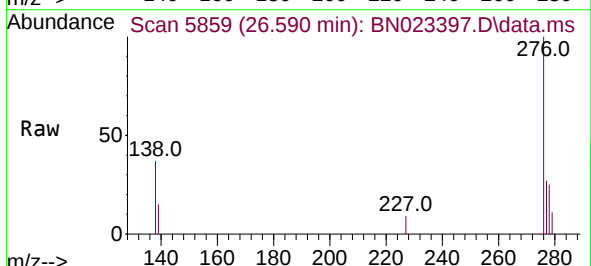
Tgt Ion:276 Resp: 17946
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0

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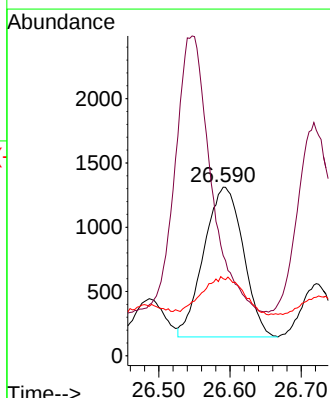
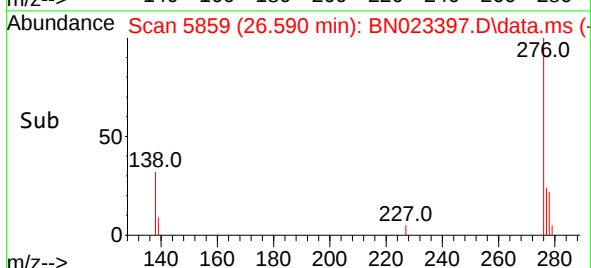
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

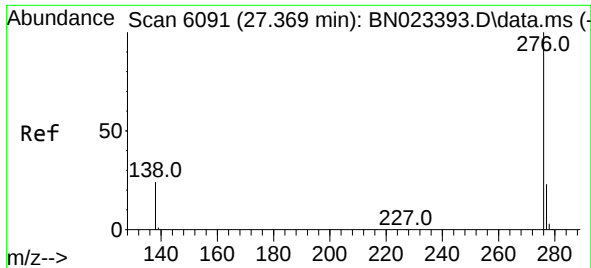


#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023397.D
Acq: 24 Dec 2022 07:04



Tgt Ion:278 Resp: 4474
Ion Ratio Lower Upper
278 100
139 59.5 16.6 24.8#
279 45.7 21.3 31.9#





#29

Benzo(g,h,i)perylene

Concen: 0.219 ng/ul

RT: 27.375 min Scan# 6093

Delta R.T. 0.006 min

Lab File: BN023397.D

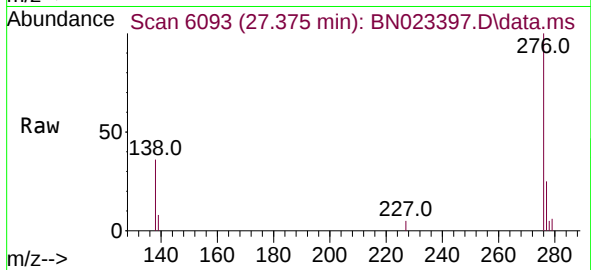
Acq: 24 Dec 2022 07:04

Instrument :

BNA_N

ClientSampleId :

DBXT5



Tgt Ion:276 Resp: 17854

Ion Ratio Lower Upper

276 100

138 35.8 20.3 30.5

277 25.4 19.7 29.5

Manual Integrations

APPROVED

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