

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032395.D
 Acq On : 02 Jul 2024 11:46
 Operator : MA/JU
 Sample : P2871-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:19:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 27 13:23:38 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8541	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	24528	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13480	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	26649m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	20899m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	25332m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	43904	4.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	11041	0.300	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	22121m	0.352	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	20921	0.322	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	8187	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	6038	0.135	ng/ul	99
10) Acenaphthylene	13.971	152	21309	0.380	ng/ul	98
11) Acenaphthene	14.313	153	17116	0.393	ng/ul	98
12) Fluorene	15.308	166	19997	0.386	ng/ul	99
14) Pentachlorophenol	16.674	266	404m	0.067	ng/ul	
15) Phenanthrene	17.046	178	438240m	5.998	ng/ul	
16) Anthracene	17.138	178	91347m	1.402	ng/ul	
19) Fluoranthene	19.073	202	987145m	12.404	ng/ul	
20) Pyrene	19.440	202	724510m	8.712	ng/ul	
21) Benzo(a)anthracene	21.197	228	446460m	5.919	ng/ul	
22) Chrysene	21.247	228	456153m	5.510	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	606114m	5.507	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	226932m	2.122	ng/ul	
26) Benzo(a)pyrene	23.333	252	273866m	3.577	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	243060m	2.027	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	81984m	0.920	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	38125m	0.399	ng/ul	

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

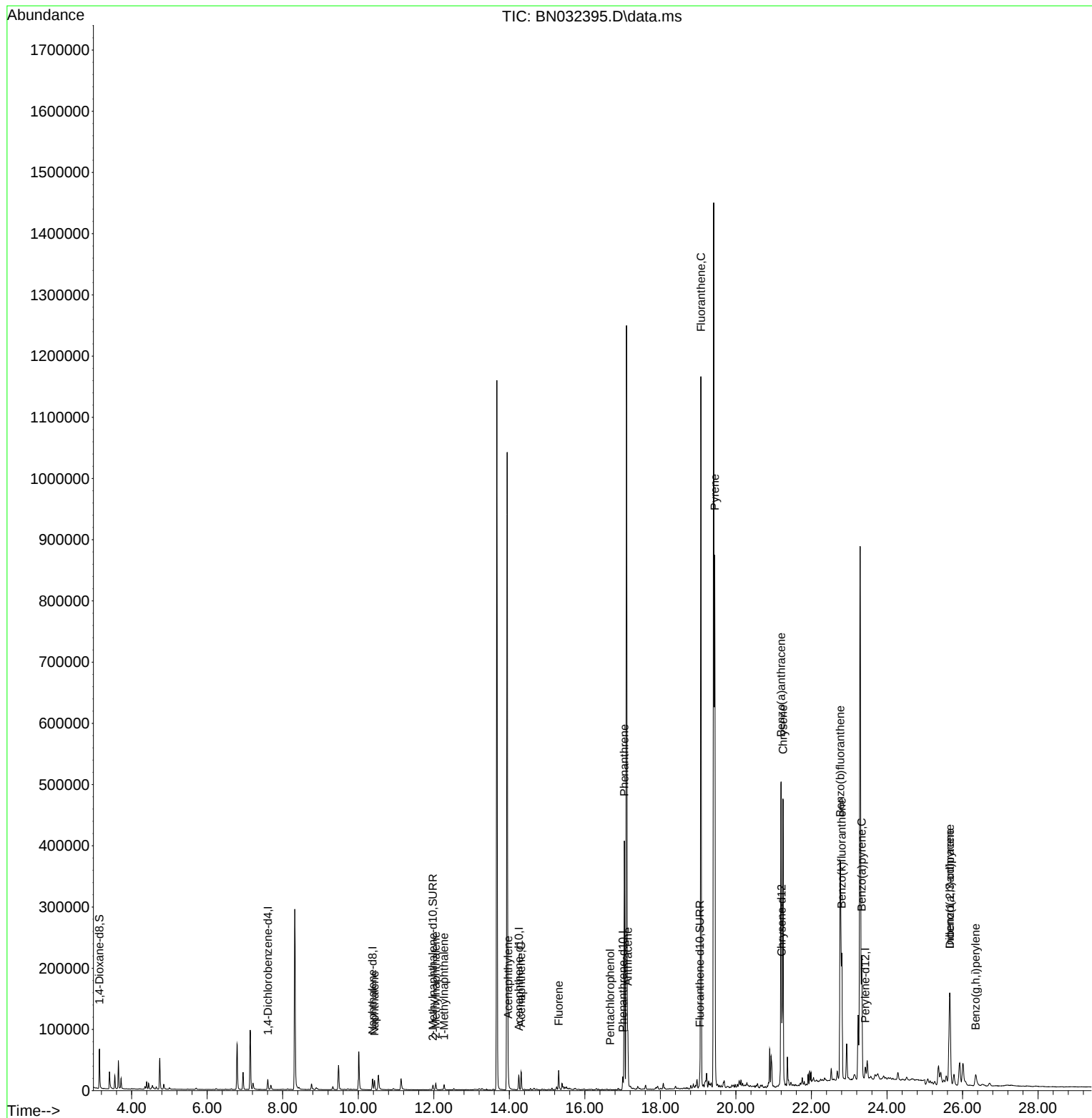
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032395.D
Acq On : 02 Jul 2024 11:46
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ALS Vial : 41 Sample Multiplier: 1

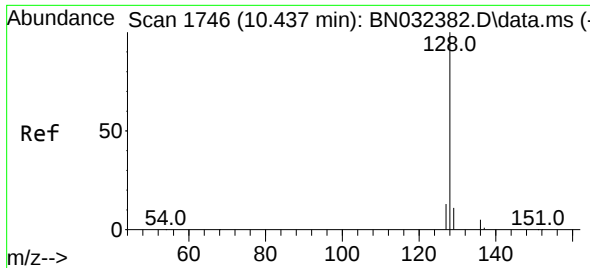
Instrument :
BNA_N
ClientSampleId :
A4C66

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

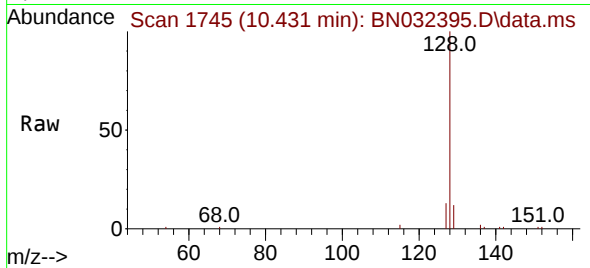
Quant Time: Jul 02 14:19:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

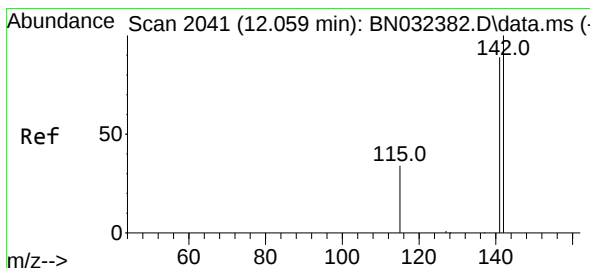
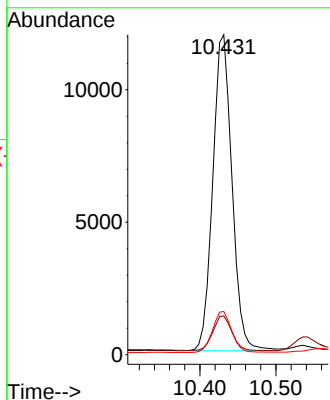
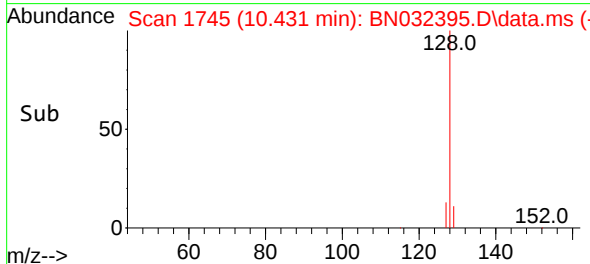
Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:128 Resp: 2092
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.8 16.2

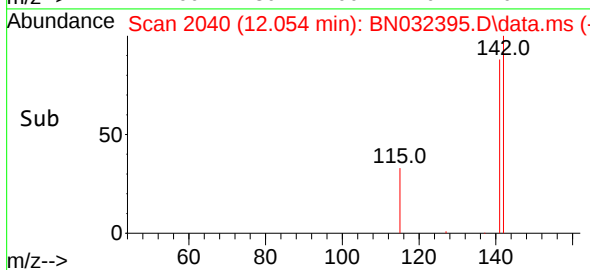
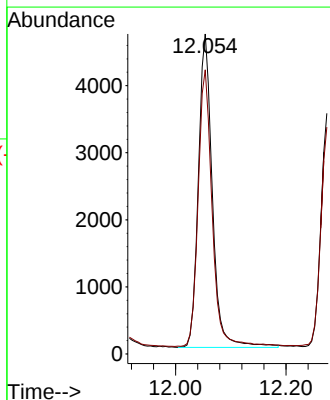
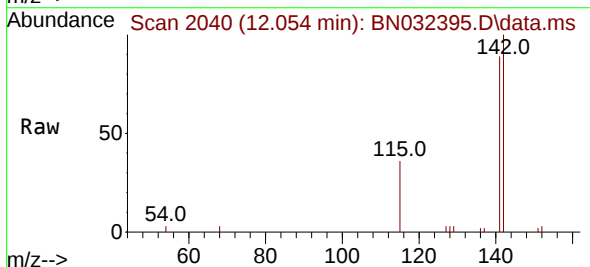
Manual Integrations
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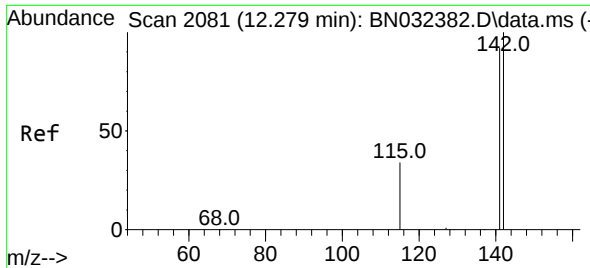
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

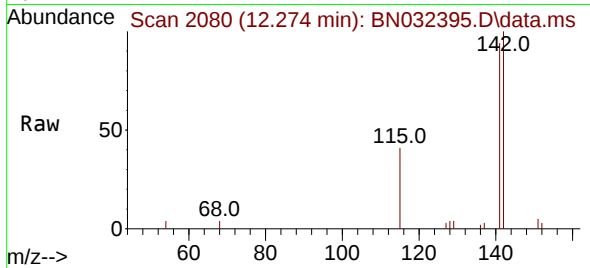
Tgt Ion:142 Resp: 8187
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

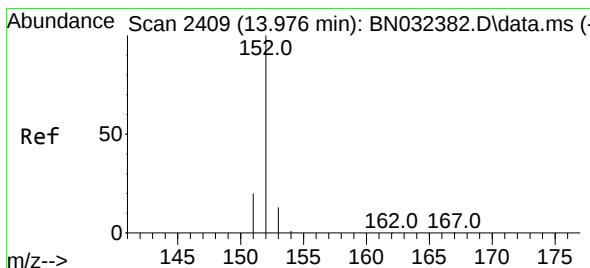
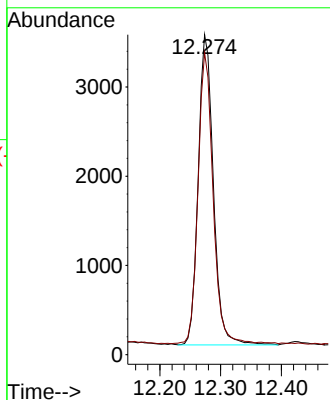
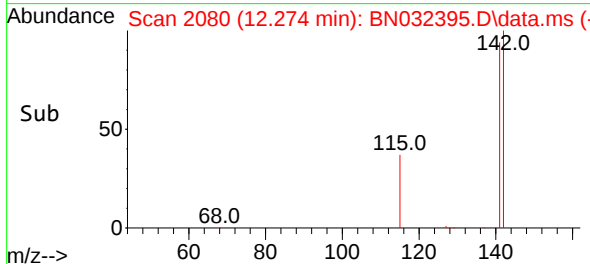
Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:142 Resp: 6038
Ion Ratio Lower Upper
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141 92.9 73.4 110.0

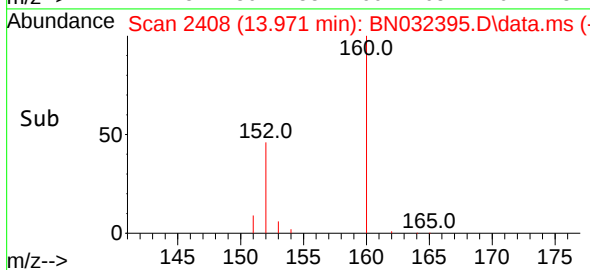
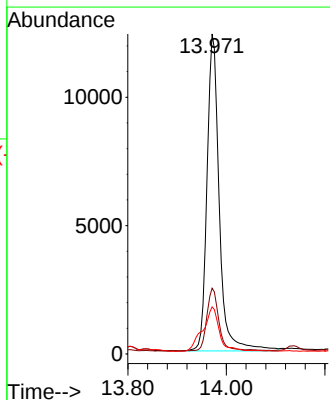
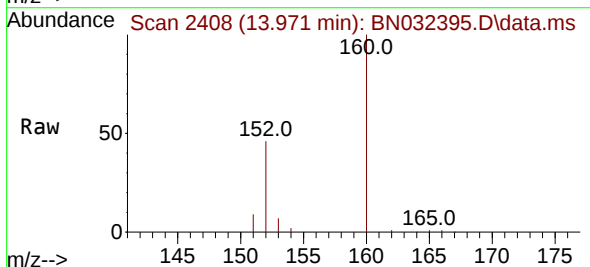
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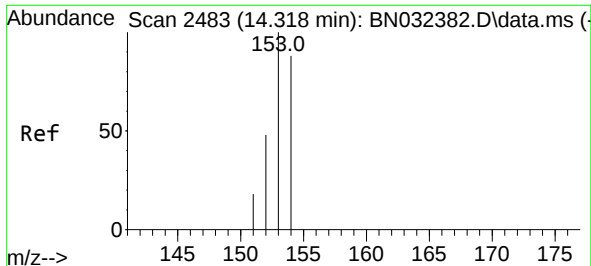
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

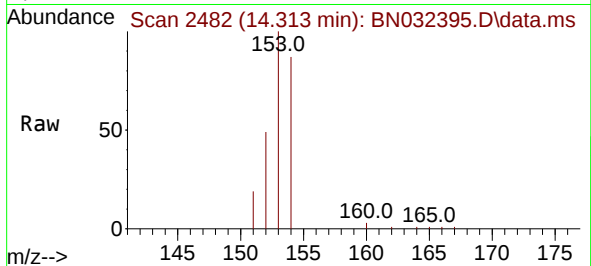
Tgt Ion:152 Resp: 21309
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

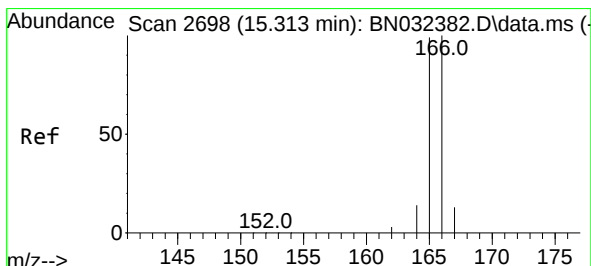
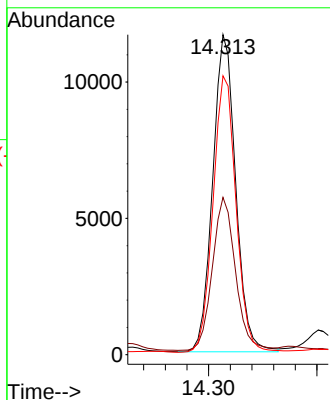
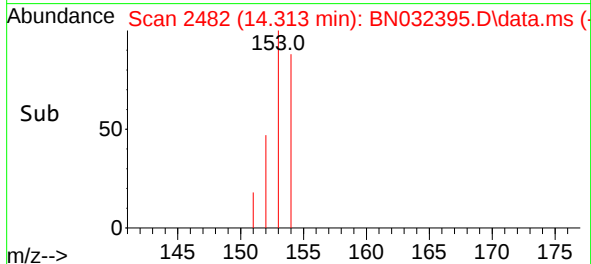
Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:153 Resp: 17110
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 87.1 71.7 107.5

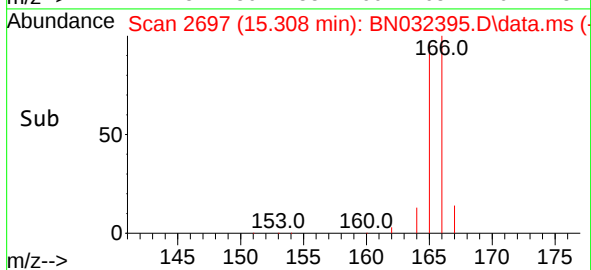
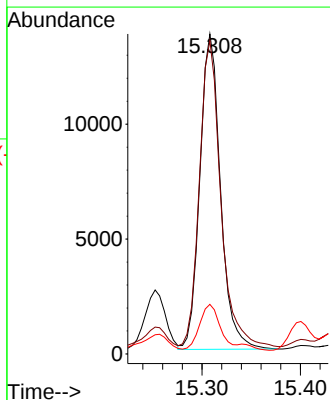
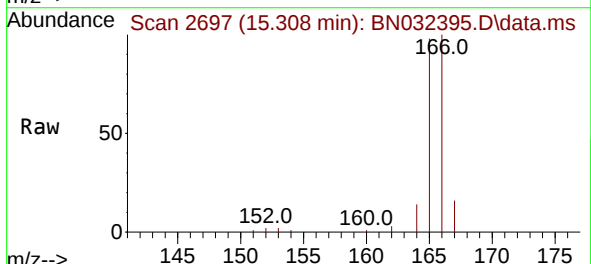
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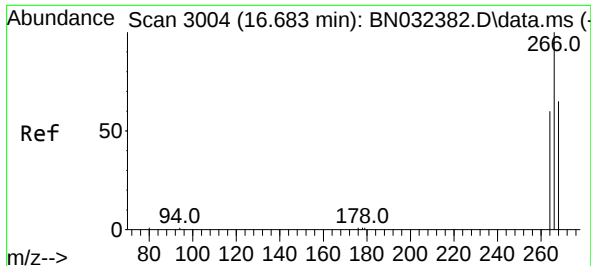
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.386 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

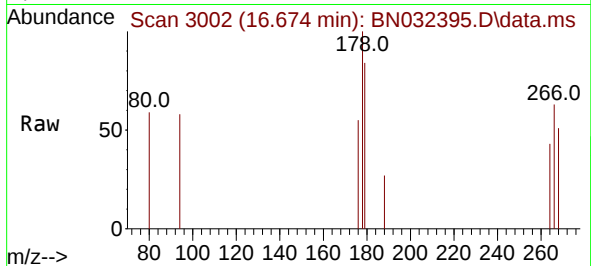
Tgt Ion:166 Resp: 19997
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 15.5 11.0 16.6





#14
Pentachlorophenol
Concen: 0.067 ng/ul m
RT: 16.674 min Scan# 3002
Delta R.T. -0.025 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

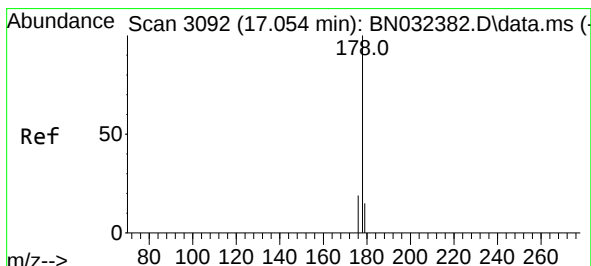
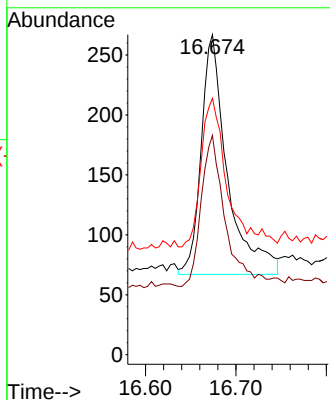
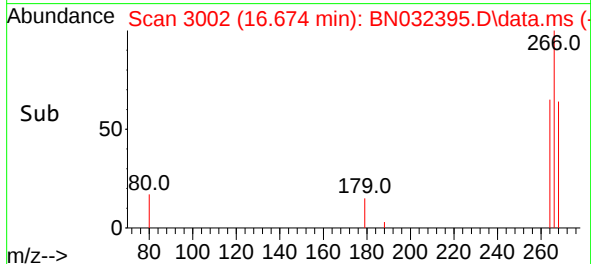
Instrument :
BNA_N
ClientSampleId :
A4C66



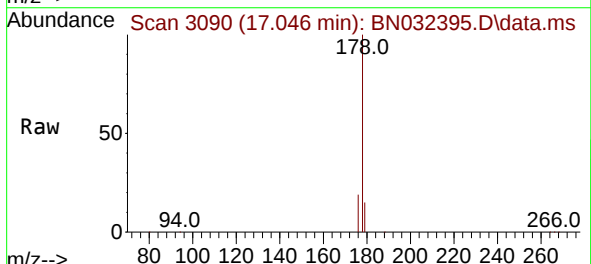
Tgt Ion:266 Resp: 404
Ion Ratio Lower Upper
266 100
264 1.0 49.9 74.9
268 1.5 52.4 78.6

Manual Integrations
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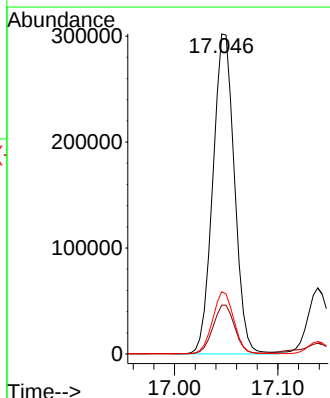
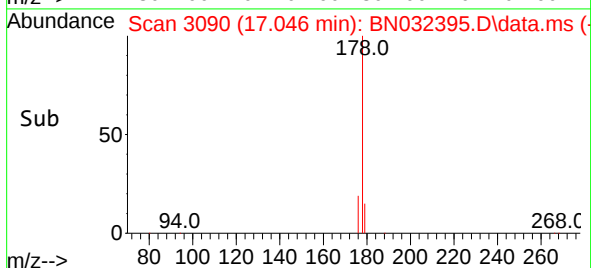
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

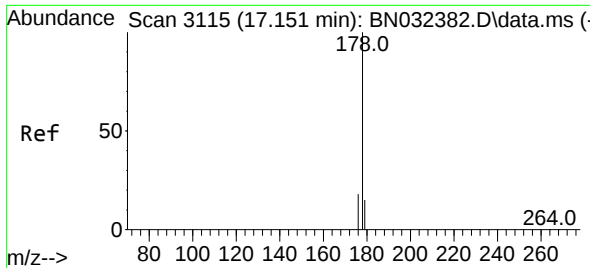


#15
Phenanthrene
Concen: 5.998 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46



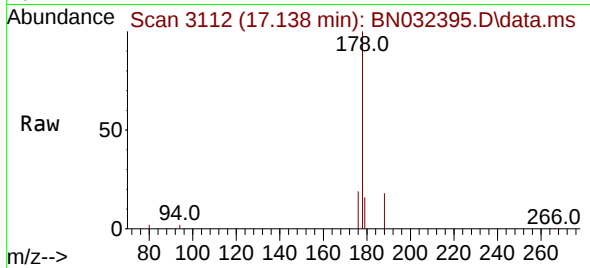
Tgt Ion:178 Resp: 438240
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 1.402 ng/ul m
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032395.D
 Acq: 02 Jul 2024 11:46

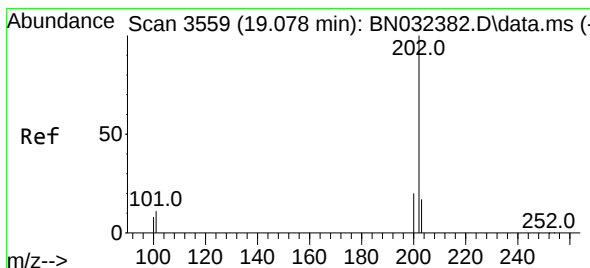
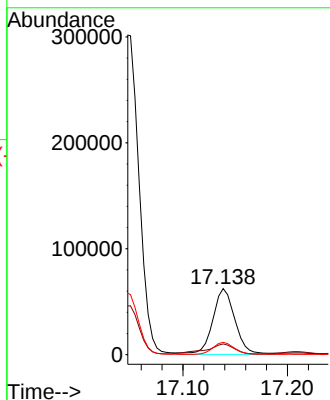
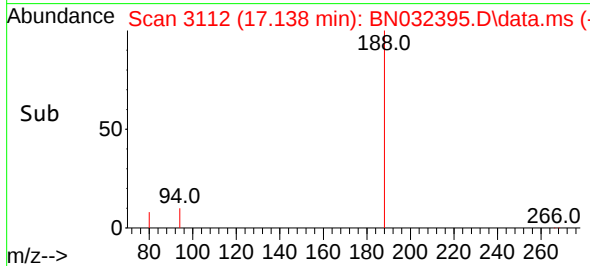
Instrument :
 BNA_N
 ClientSampleId :
 A4C66



Tgt Ion:178 Resp: 91345
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 18.6 15.0 22.6

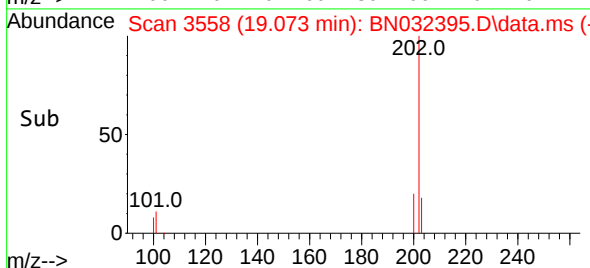
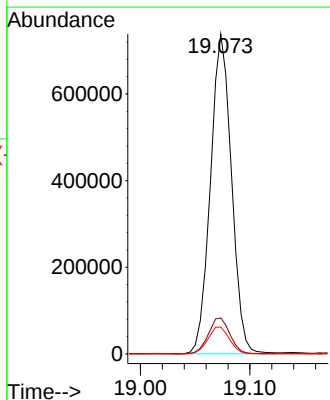
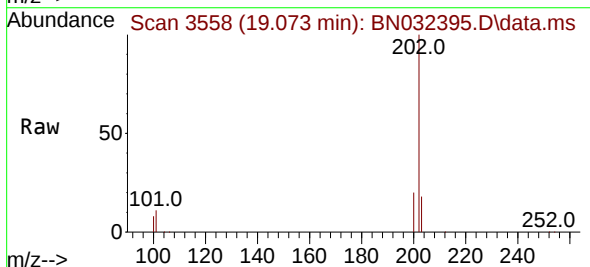
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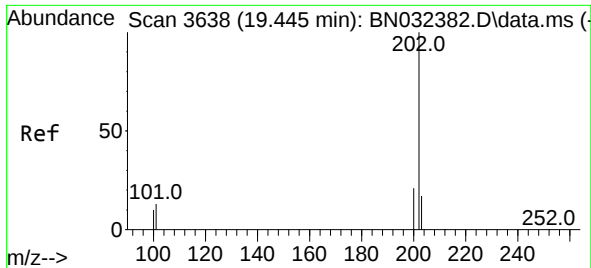
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 12.404 ng/ul m
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032395.D
 Acq: 02 Jul 2024 11:46

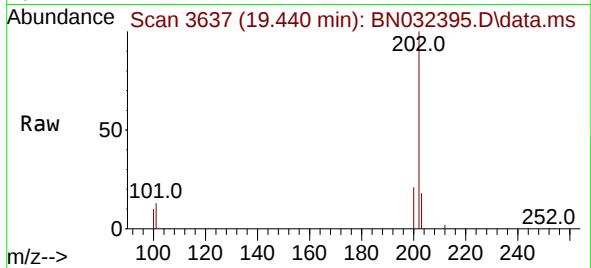
Tgt Ion:202 Resp: 987145
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.8 13.2
 100 8.4 6.4 9.6





#20
Pyrene
Concen: 8.712 ng/ul m
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

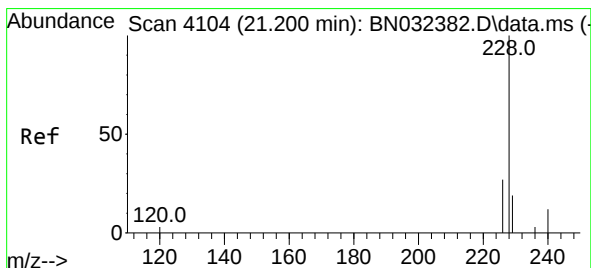
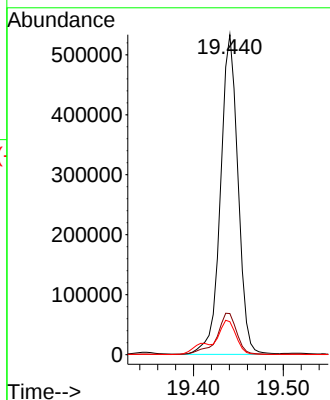
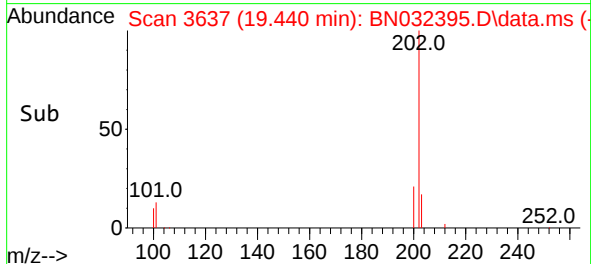
Instrument :
BNA_N
ClientSampleId :
A4C66



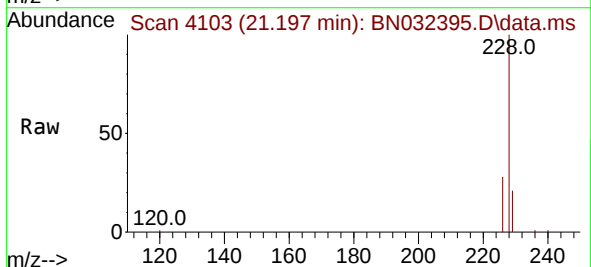
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Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.3 8.7 13.1

Manual Integrations
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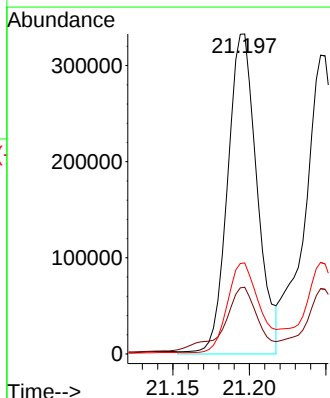
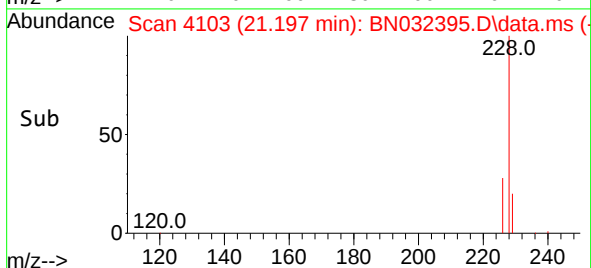
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

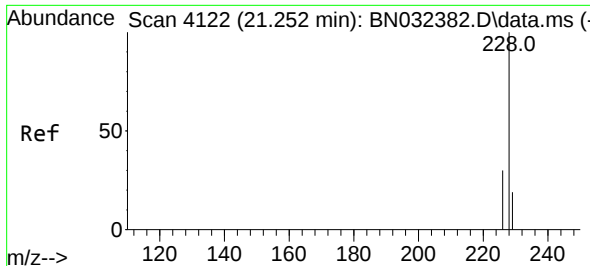


#21
Benzo(a)anthracene
Concen: 5.919 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46



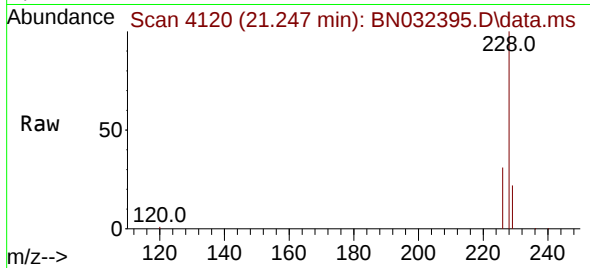
Tgt Ion:228 Resp: 446460
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.4 21.8 32.8





#22
Chrysene
Concen: 5.510 ng/ul m
RT: 21.247 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

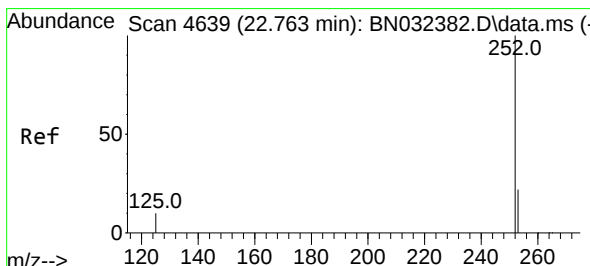
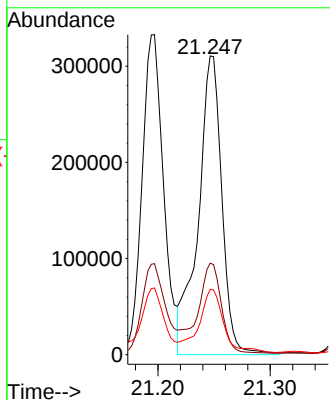
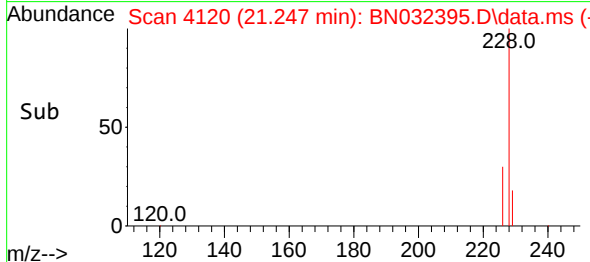
Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:228 Resp: 45615
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.8 15.7 23.5

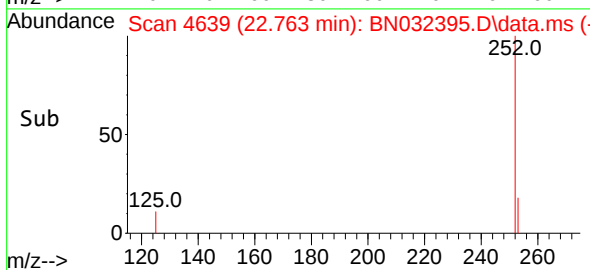
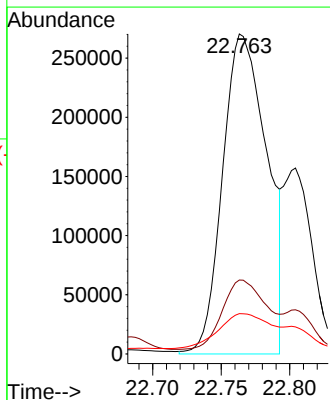
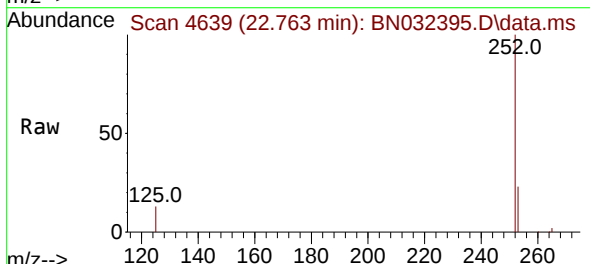
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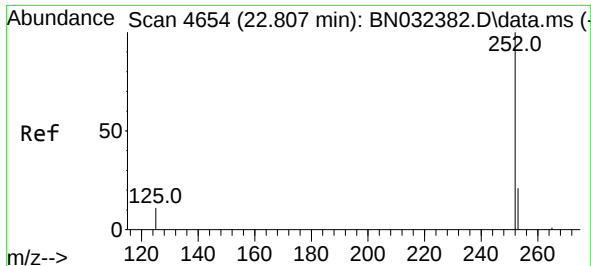
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 5.507 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.020 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

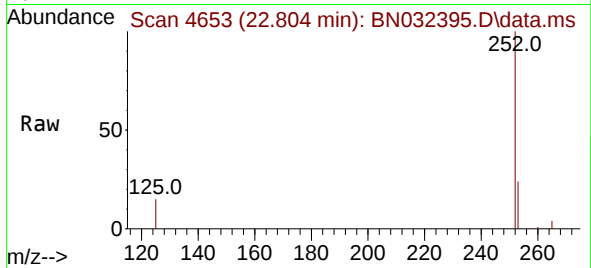
Tgt Ion:252 Resp: 606114
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 12.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 2.122 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

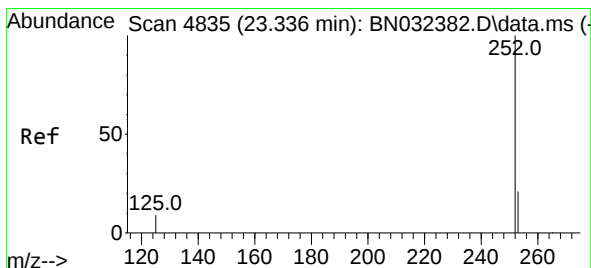
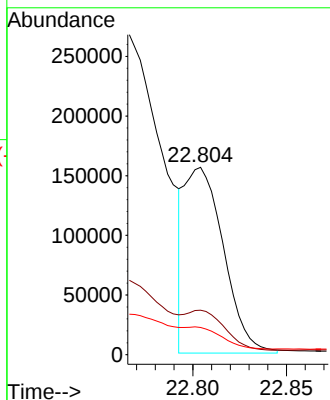
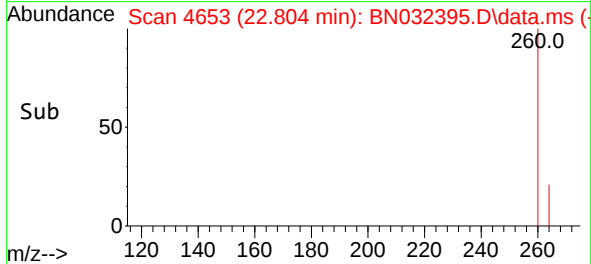
Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:252 Resp: 226932
Ion Ratio Lower Upper
252 100
253 23.8 20.3 30.5
125 14.6 12.8 19.2

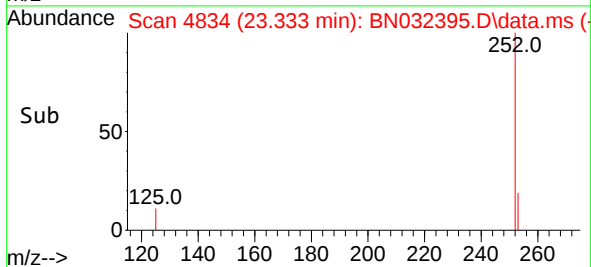
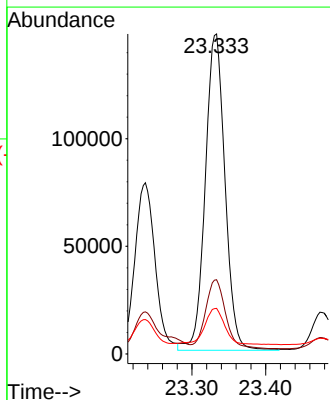
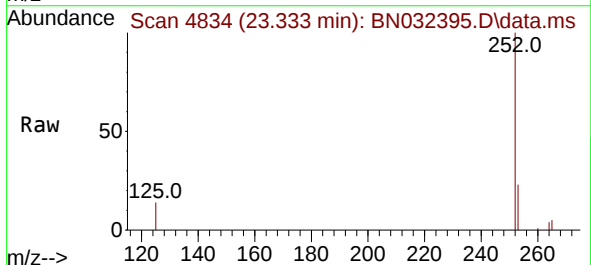
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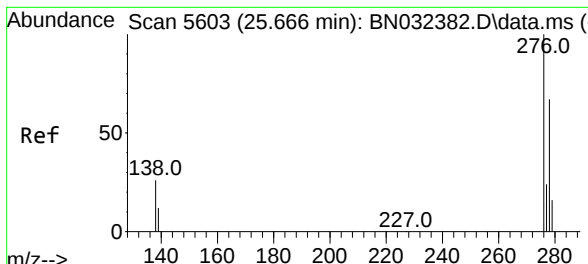
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 3.577 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

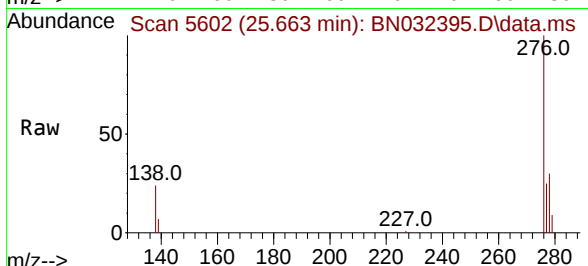
Tgt Ion:252 Resp: 273866
Ion Ratio Lower Upper
252 100
253 23.2 22.2 33.2
125 14.2 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.027 ng/ul m
RT: 25.663 min Scan# 5603
Delta R.T. -0.037 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

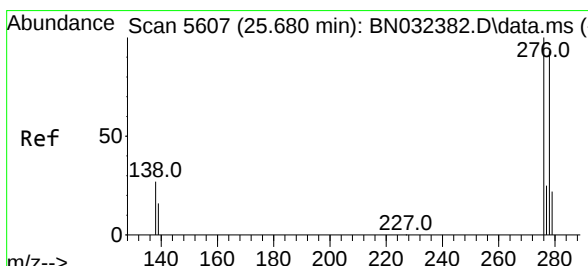
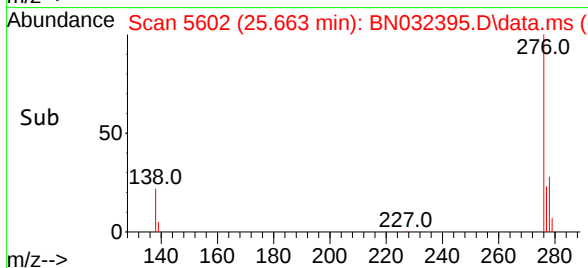
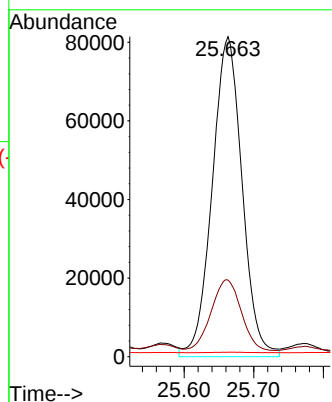
Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:276 Resp: 243060
Ion Ratio Lower Upper
276 100
138 3.5 21.3 31.9
227 0.1 0.1 0.1

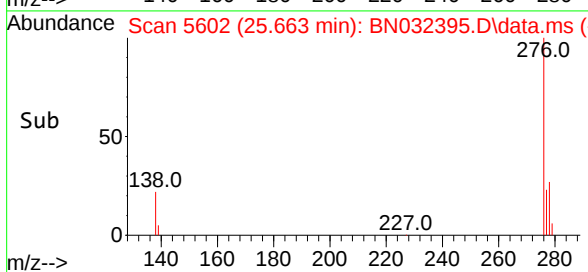
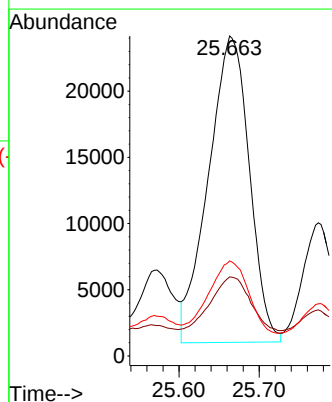
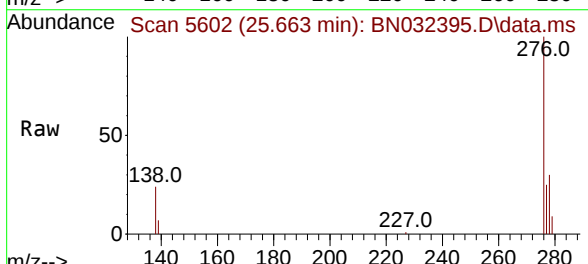
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APPROVED

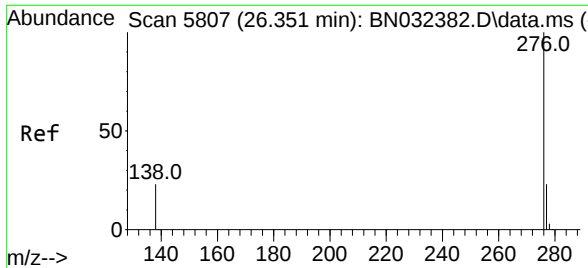
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.920 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

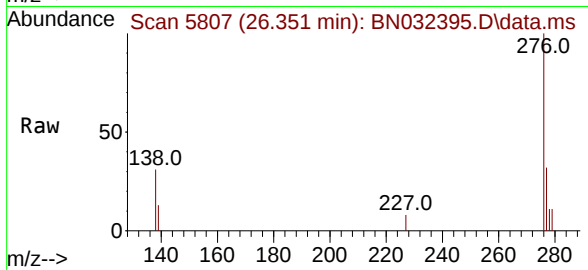
Tgt Ion:278 Resp: 81984
Ion Ratio Lower Upper
278 100
139 24.7 15.9 23.9
279 29.7 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul m
RT: 26.351 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032395.D
Acq: 02 Jul 2024 11:46

Instrument :
BNA_N
ClientSampleId :
A4C66



Tgt Ion:276 Resp: 3812
Ion Ratio Lower Upper
276 100
138 31.2 19.8 29.6
277 31.5 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

