

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032428.D
 Acq On : 03 Jul 2024 08:10
 Operator : MA/JU
 Sample : P2963-14
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 08:35:09 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 : Wed Jul 03 03:26:42 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	25853	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	15898	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	29167m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	18433m	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	21136m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	24155	2.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9602	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	16525m	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	31853	0.466	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	14387	0.317	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	9073	0.193	ng/ul	99
10) Acenaphthylene	13.971	152	65784	0.995	ng/ul	99
11) Acenaphthene	14.313	153	11019	0.215	ng/ul	98
12) Fluorene	15.308	166	15489	0.253	ng/ul#	98
15) Phenanthrene	17.046	178	348057m	4.353	ng/ul	
16) Anthracene	17.138	178	88192m	1.236	ng/ul	
19) Fluoranthene	19.073	202	638301m	9.094	ng/ul	
20) Pyrene	19.440	202	496105m	6.763	ng/ul	
21) Benzo(a)anthracene	21.197	228	301486m	4.532	ng/ul	
22) Chrysene	21.250	228	352104m	4.822	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	505365m	5.503	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	160435m	1.798	ng/ul	
26) Benzo(a)pyrene	23.333	252	187420m	2.933	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	198754	1.987	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.673	278	72328m	0.973	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	29235	0.367	ng/ul#	77

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

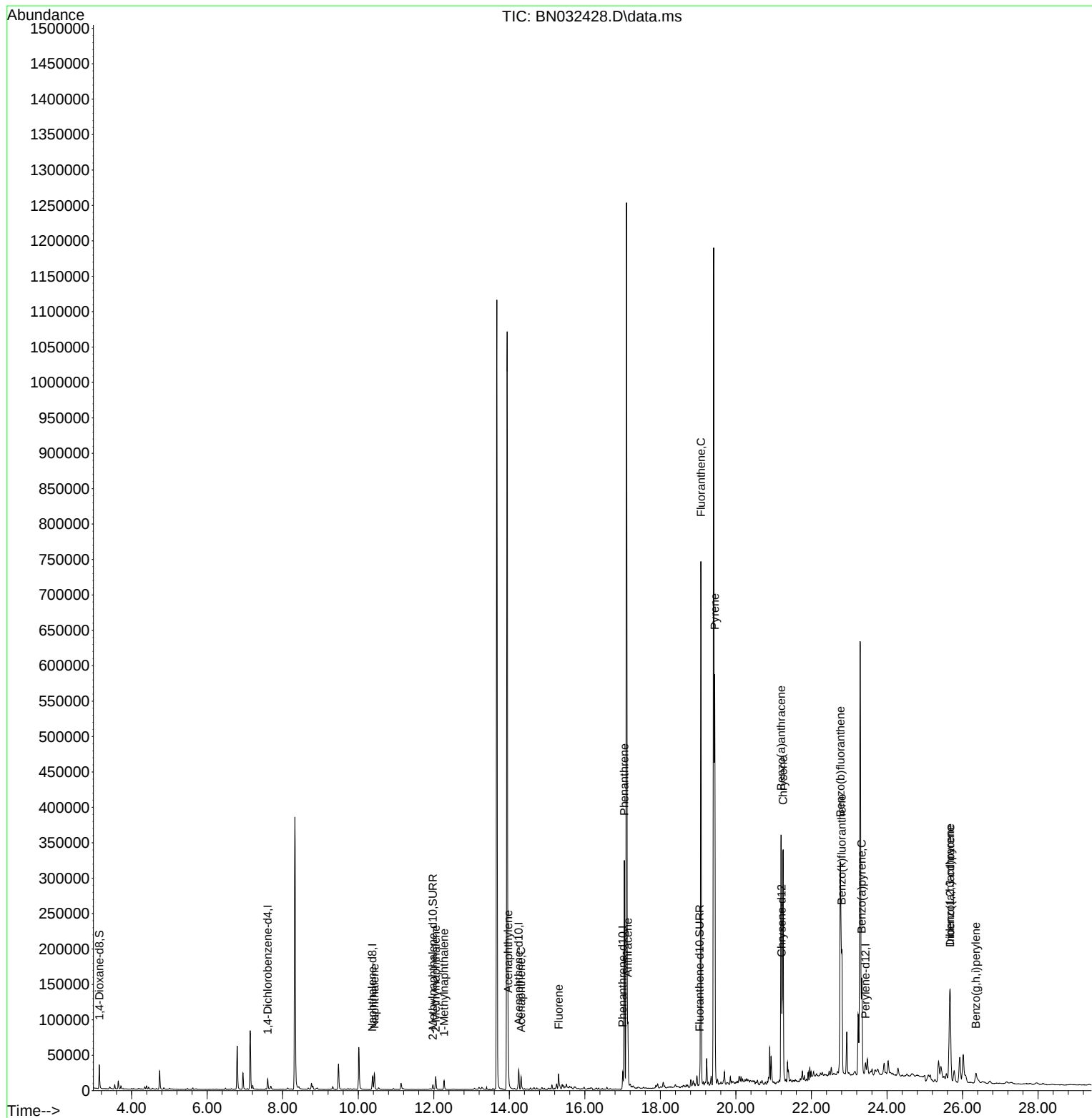
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032428.D
Acq On : 03 Jul 2024 08:10
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ALS Vial : 76 Sample Multiplier: 1

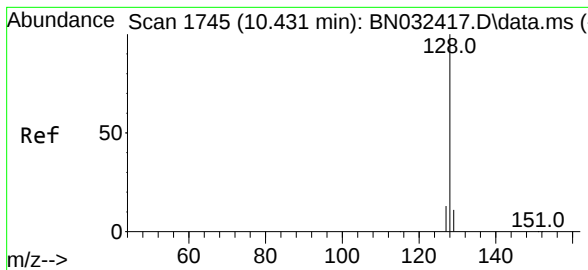
Instrument :
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Supervised By :mohammad ahmed 07/04/2024

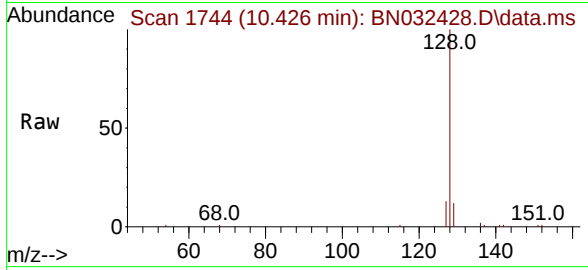
Quant Time: Jul 03 08:35:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.466 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

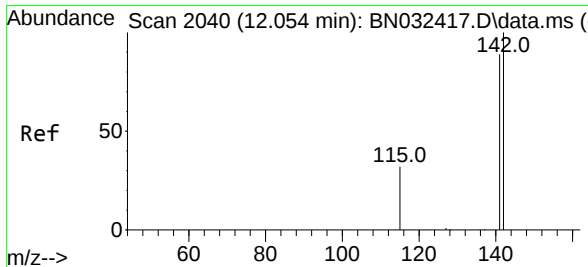
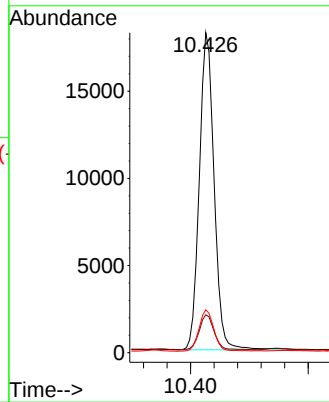
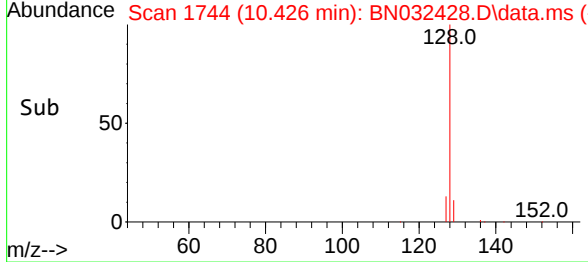
Instrument :
BNA_N
ClientSampleId :
A4CR8



Tgt Ion:128 Resp: 3185
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.4 10.8 16.2

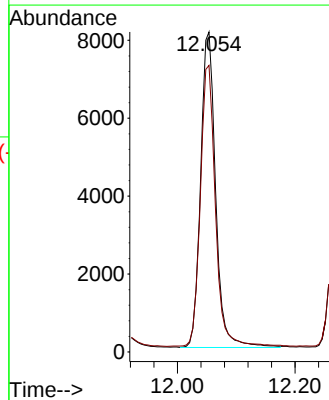
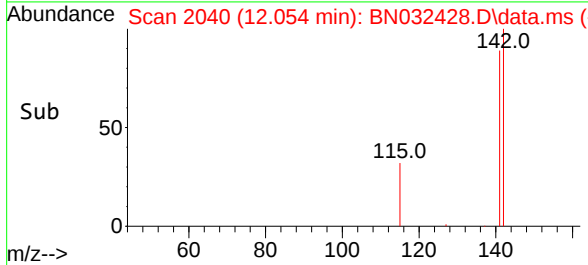
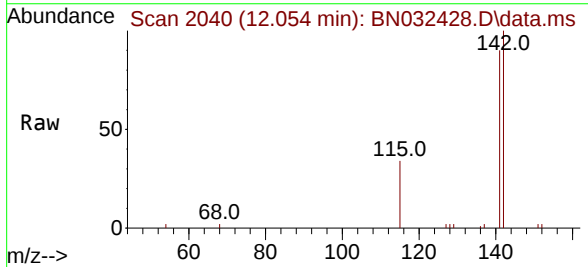
Manual Integrations
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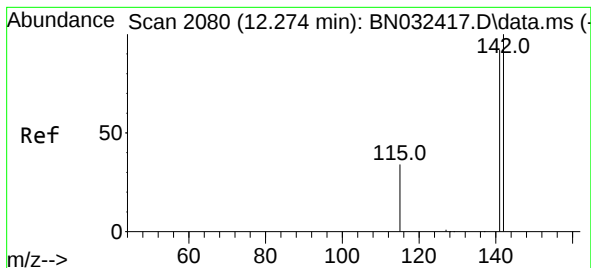
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

Tgt Ion:142 Resp: 14387
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.193 ng/ul

RT: 12.274 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN032428.D

Acq: 03 Jul 2024 08:10

Instrument :

BNA_N

ClientSampleId :

A4CR8

Tgt Ion:142 Resp: 907

Ion Ratio Lower Upper

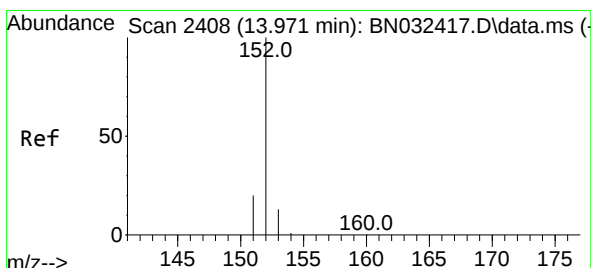
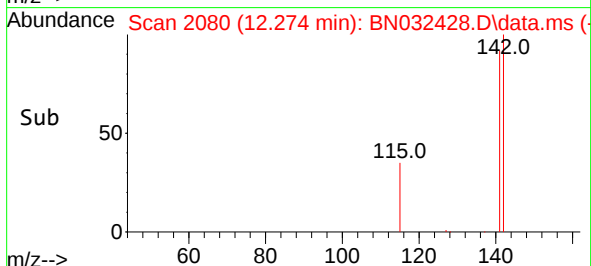
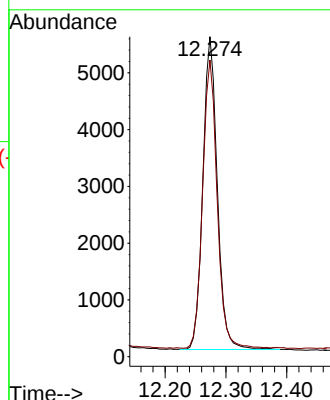
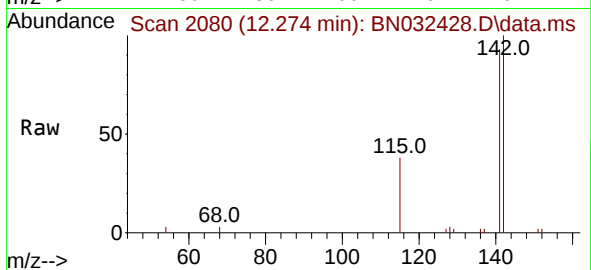
142 100

141 92.7 73.4 110.0

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#10

Acenaphthylene

Concen: 0.995 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN032428.D

Acq: 03 Jul 2024 08:10

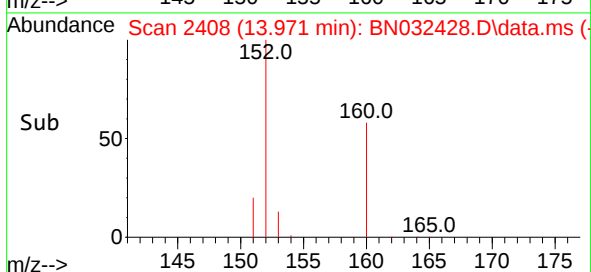
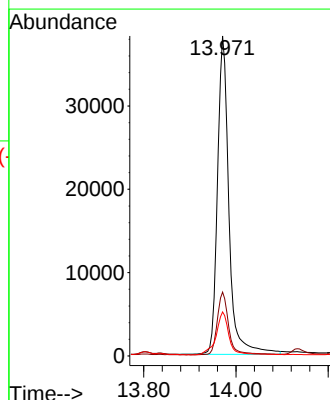
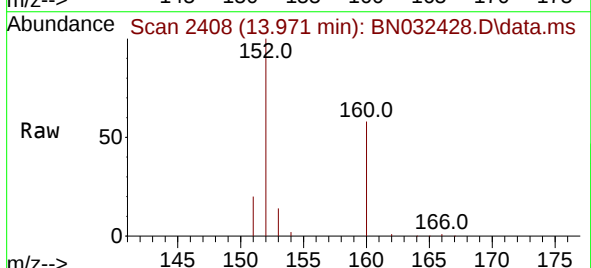
Tgt Ion:152 Resp: 65784

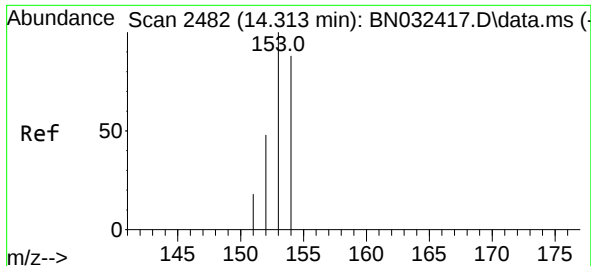
Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

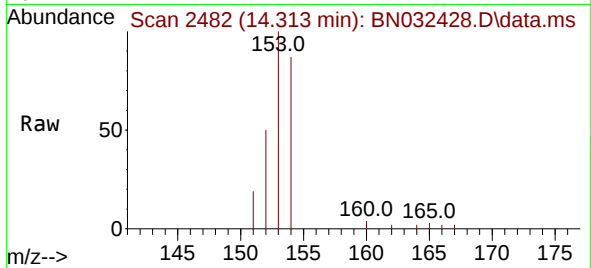
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.215 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

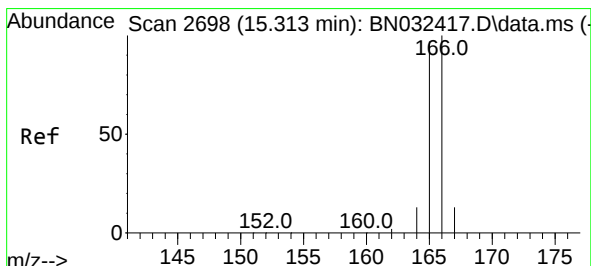
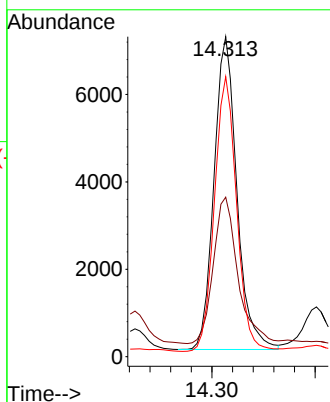
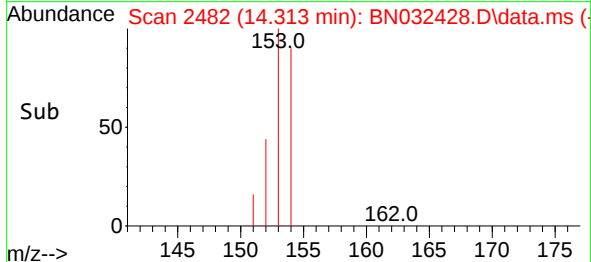
Instrument :
BNA_N
ClientSampleId :
A4CR8



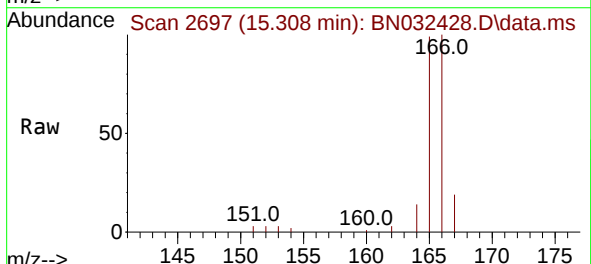
Tgt Ion:153 Resp: 11019
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 87.5 71.7 107.5

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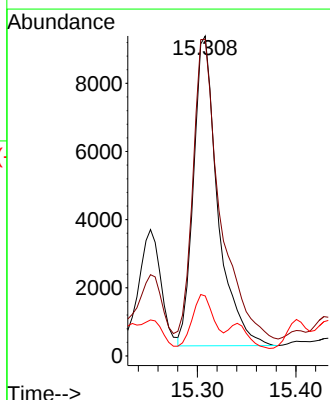
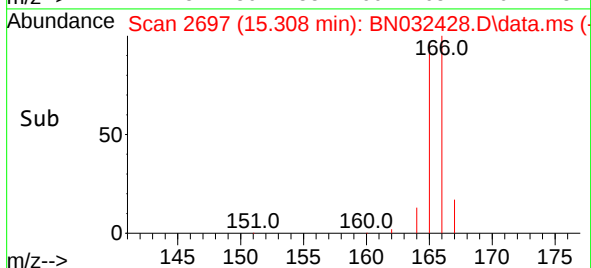
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

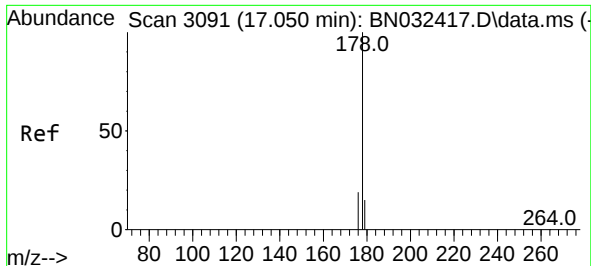


#12
Fluorene
Concen: 0.253 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10



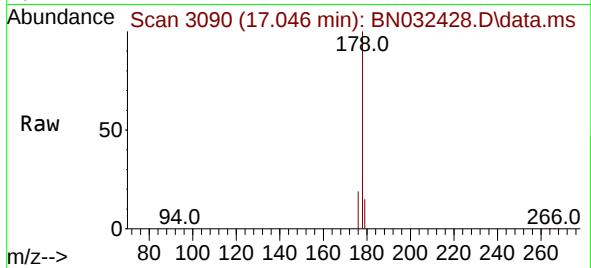
Tgt Ion:166 Resp: 15489
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 18.8 11.0 16.6#





#15
Phenanthrene
Concen: 4.353 ng/ul m
RT: 17.046 min Scan# 3091
Delta R.T. -0.004 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

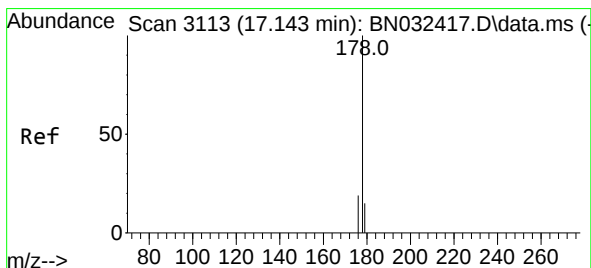
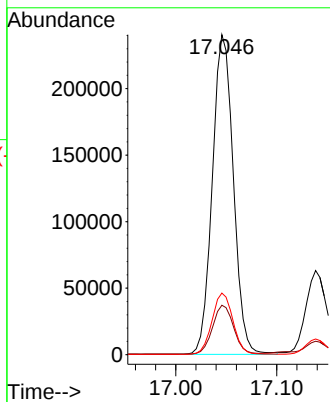
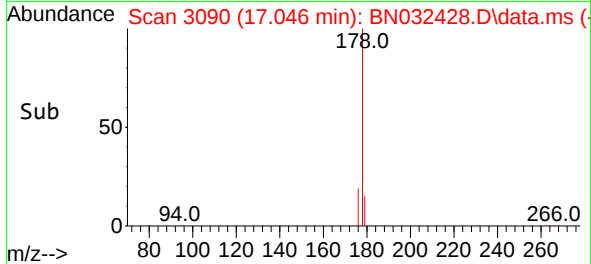
Instrument :
BNA_N
ClientSampleId :
A4CR8



Tgt Ion:178 Resp: 34805
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

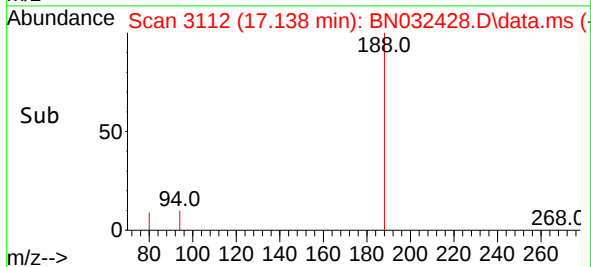
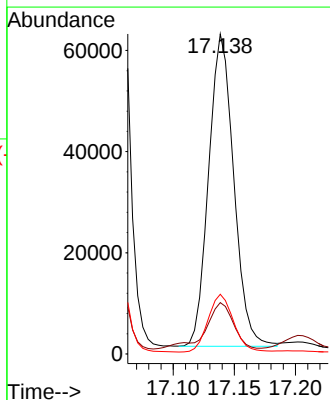
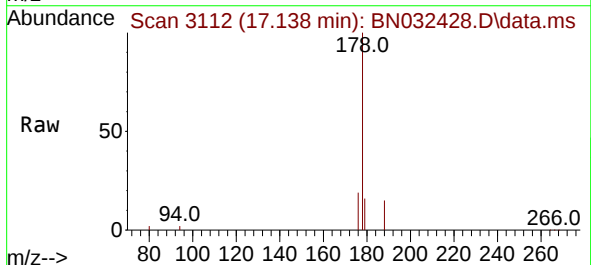
Manual Integrations
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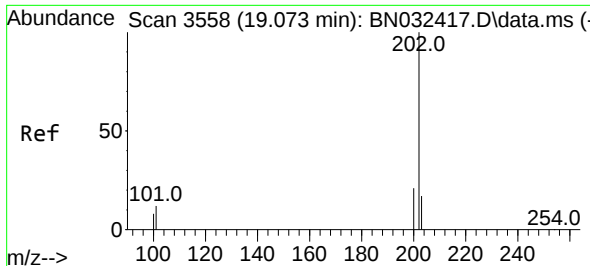
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 1.236 ng/ul m
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

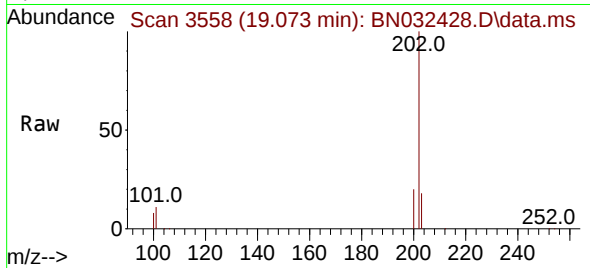
Tgt Ion:178 Resp: 88192
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 9.094 ng/ul m
RT: 19.073 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

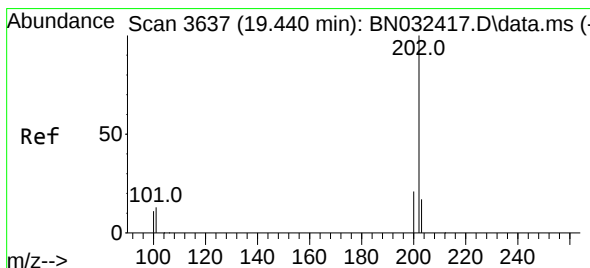
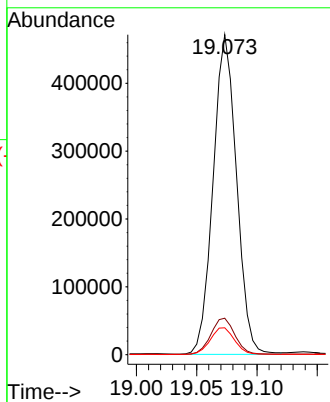
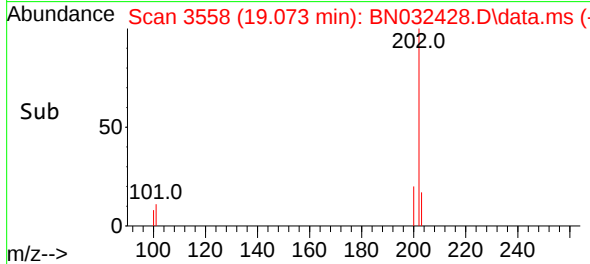
Instrument :
BNA_N
ClientSampleId :
A4CR8



Tgt Ion:202 Resp: 63830
Ion Ratio Lower Upper
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101 11.4 8.8 13.2
100 8.4 6.4 9.6

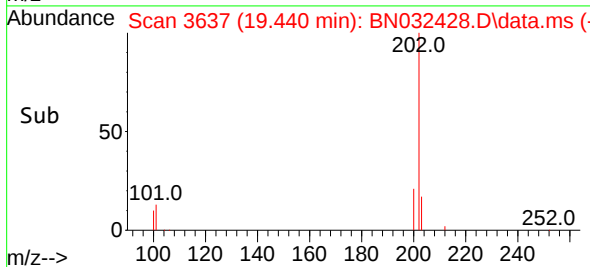
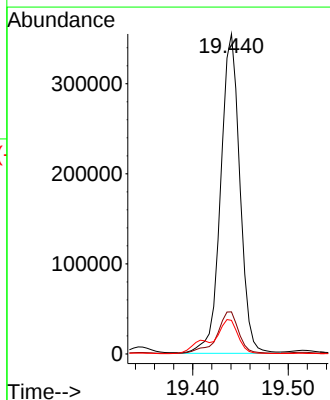
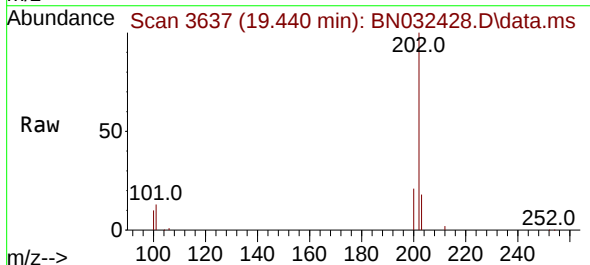
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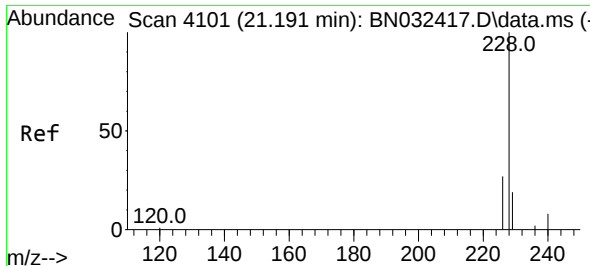
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 6.763 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

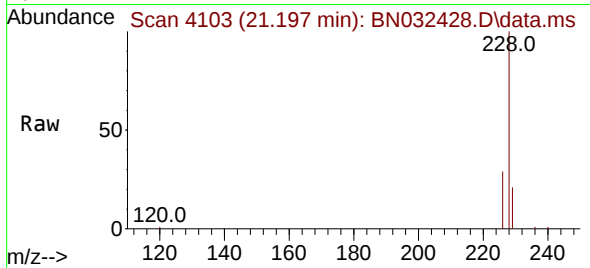
Tgt Ion:202 Resp: 496105
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 4.532 ng/ul m
RT: 21.197 min Scan# 4101
Delta R.T. 0.006 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

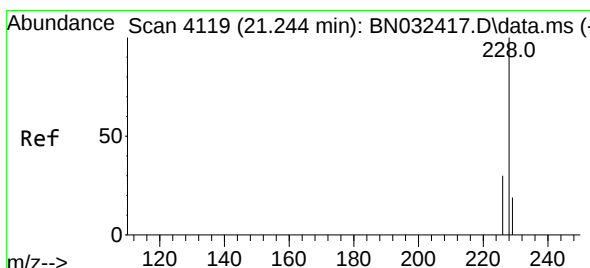
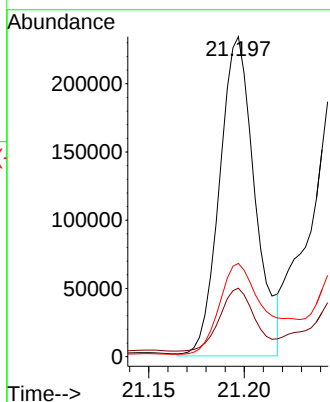
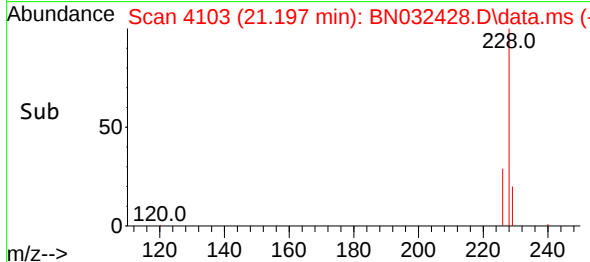
Instrument :
BNA_N
ClientSampleId :
A4CR8



Tgt Ion:228 Resp: 301486
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.2 21.8 32.8

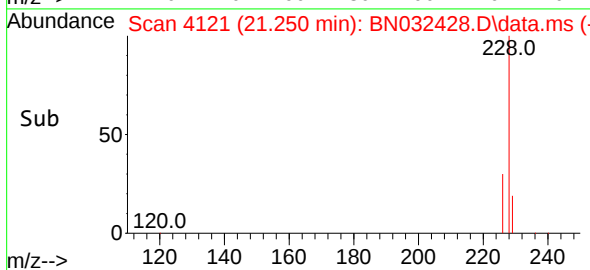
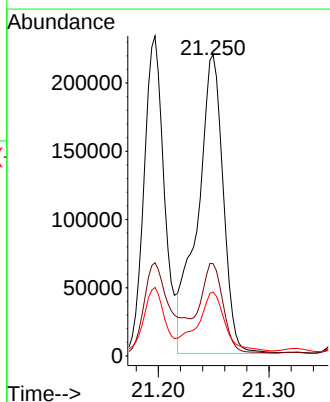
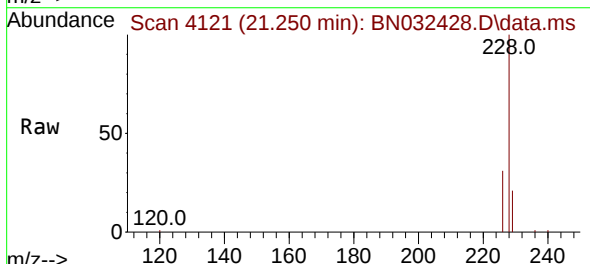
Manual Integrations
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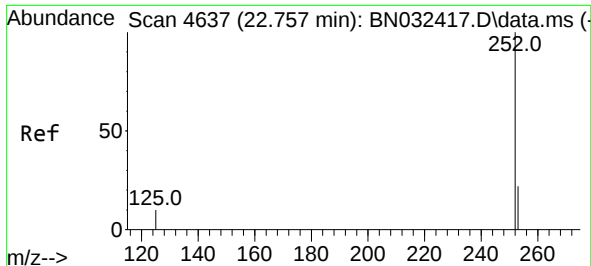
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 4.822 ng/ul m
RT: 21.250 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

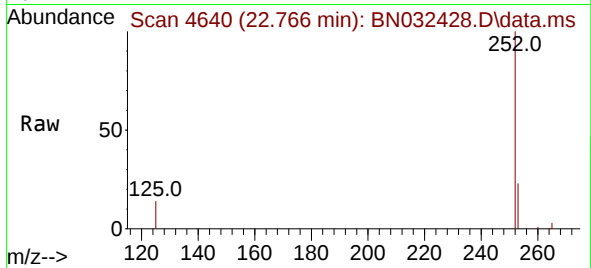
Tgt Ion:228 Resp: 352104
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.503 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

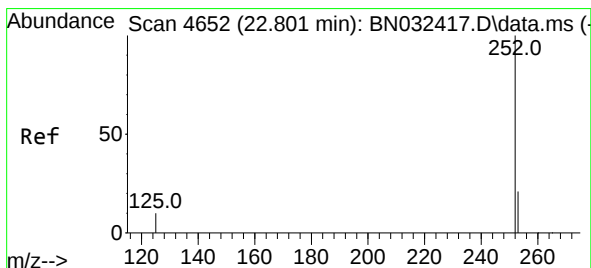
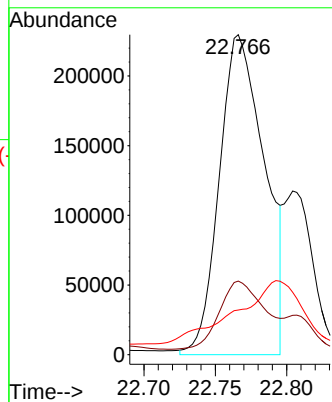
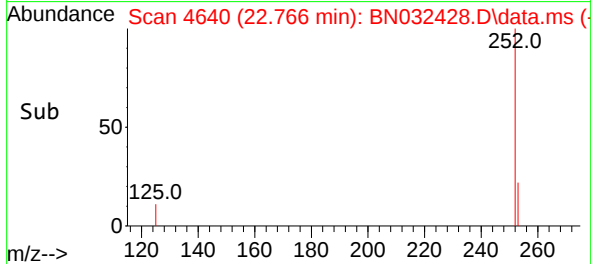
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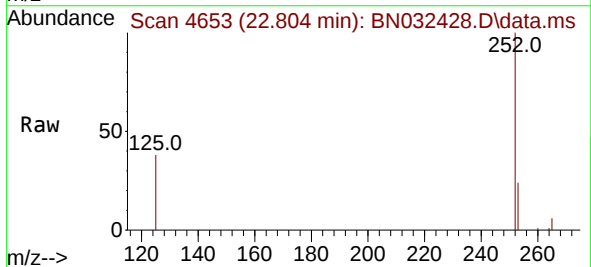
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Ion Ratio Lower Upper
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253 23.0 0.0 50.2
125 14.0 0.0 32.0

Manual Integrations
APPROVED

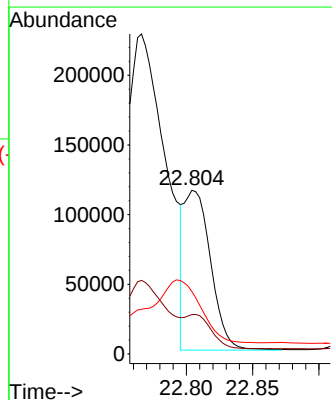
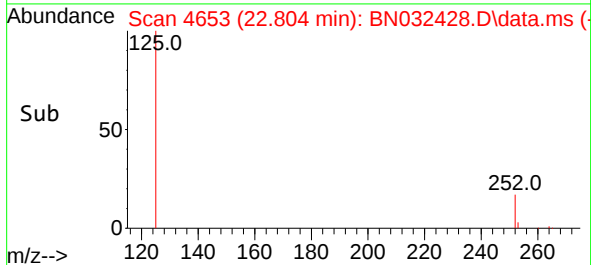
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

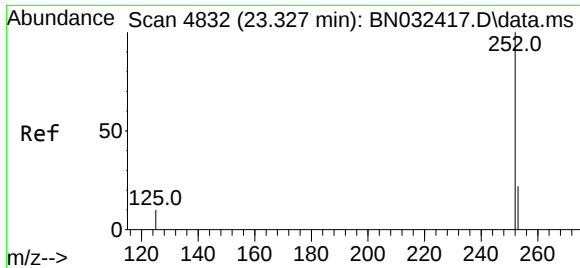


#25
Benzo(k)fluoranthene
Concen: 1.798 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10



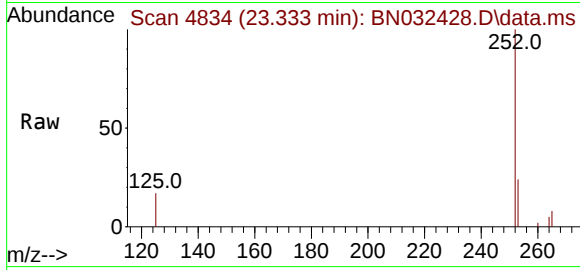
Tgt Ion:252 Resp: 160435
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 38.2 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 2.933 ng/ul m
RT: 23.333 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

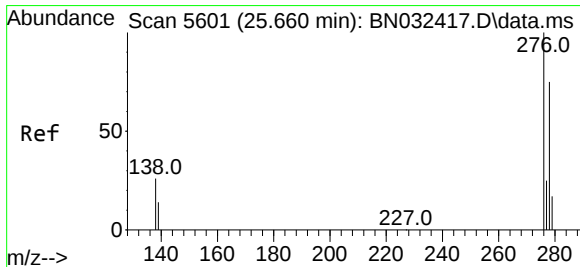
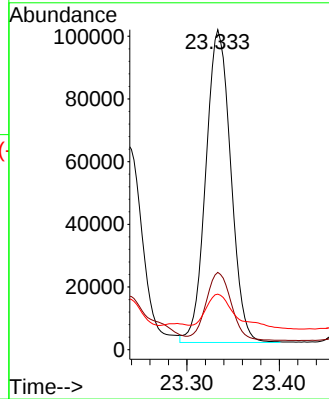
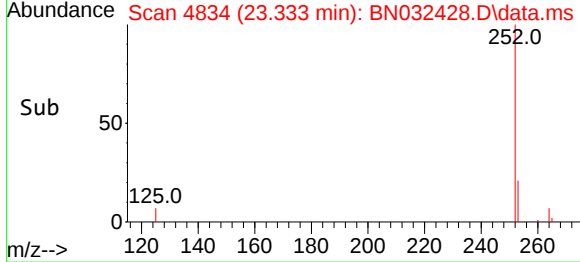
Instrument :
BNA_N
ClientSampleId :
A4CR8



Tgt Ion:252 Resp: 187420
Ion Ratio Lower Upper
252 100
253 24.2 22.2 33.2
125 17.3 16.4 24.6

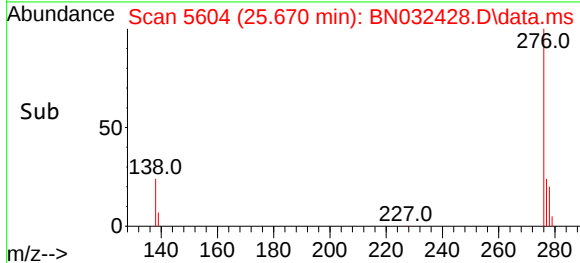
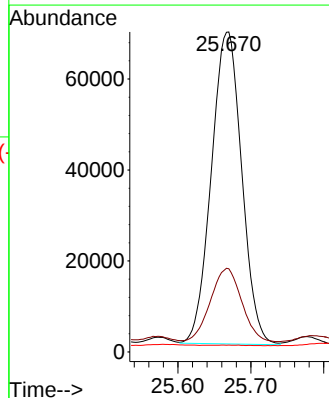
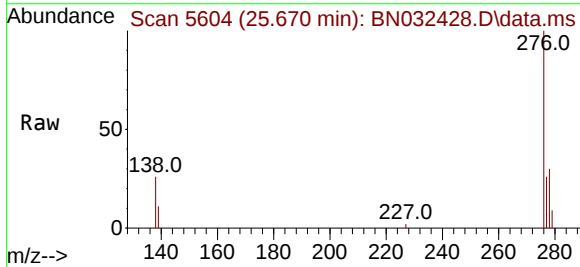
Manual Integrations
APPROVED

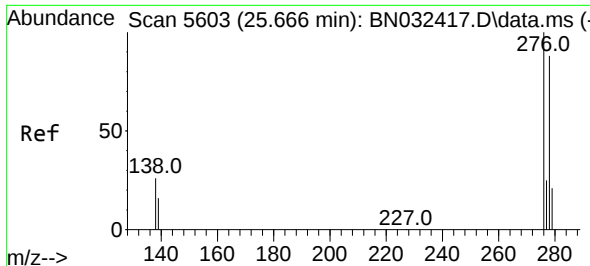
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.987 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

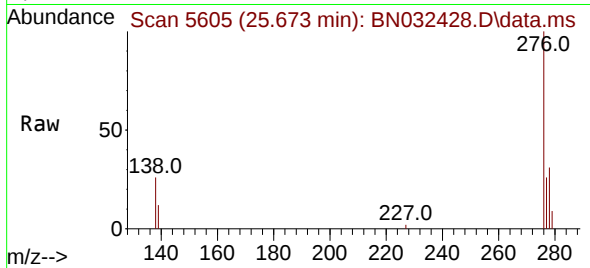
Tgt Ion:276 Resp: 198754
Ion Ratio Lower Upper
276 100
138 24.0 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.973 ng/ul m
RT: 25.673 min Scan# 5605
Delta R.T. 0.007 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10

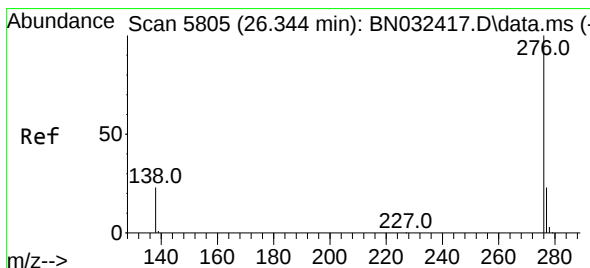
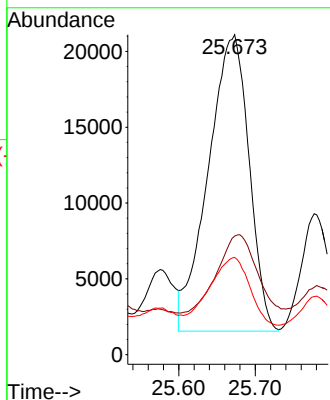
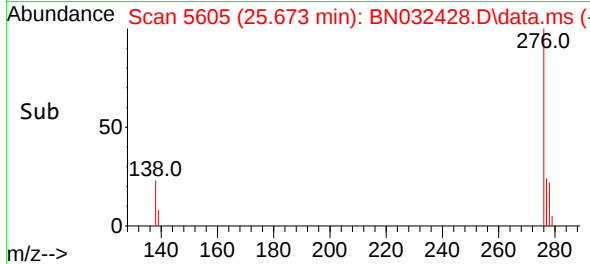
Instrument :
BNA_N
ClientSampleId :
A4CR8



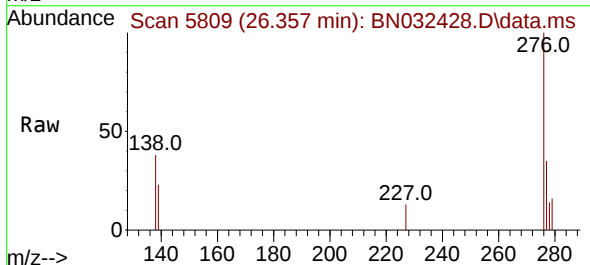
Tgt Ion:278 Resp: 72328
Ion Ratio Lower Upper
278 100
139 37.1 15.9 23.9#
279 30.4 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. 0.014 min
Lab File: BN032428.D
Acq: 03 Jul 2024 08:10



Tgt Ion:276 Resp: 29235
Ion Ratio Lower Upper
276 100
138 37.9 19.8 29.6#
277 34.6 19.8 29.6#

