

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032460.D
 Acq On : 04 Jul 2024 06:10
 Operator : MA/JU
 Sample : P2963-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 06:36:17 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	7.599	152	7792	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	24059	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	13726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	25039	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	17868	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	21598	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6952	0.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	2000	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	3496	0.065	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	6535	0.103	ng/ul#	95
7) 2-Methylnaphthalene	12.048	142	2742	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	1791	0.041	ng/ul	99
10) Acenaphthylene	13.966	152	14012	0.245	ng/ul	98
11) Acenaphthene	14.309	153	2781	0.063	ng/ul	97
12) Fluorene	15.303	166	3859	0.073	ng/ul#	98
15) Phenanthrene	17.041	178	99533	1.450	ng/ul	99
16) Anthracene	17.134	178	24726	0.404	ng/ul	99
19) Fluoranthene	19.069	202	202565	2.977	ng/ul	99
20) Pyrene	19.436	202	154446	2.172	ng/ul	98
21) Benzo(a)anthracene	21.188	228	95828	1.486	ng/ul	98
22) Chrysene	21.241	228	104986	1.483	ng/ul	97
24) Benzo(b)fluoranthene	22.754	252	144194m	1.537	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	49880m	0.547	ng/ul	
26) Benzo(a)pyrene	23.321	252	56356	0.863	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.649	276	57253	0.560	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.649	278	19193	0.253	ng/ul#	80
29) Benzo(g,h,i)perylene	26.337	276	8426	0.103	ng/ul#	74

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

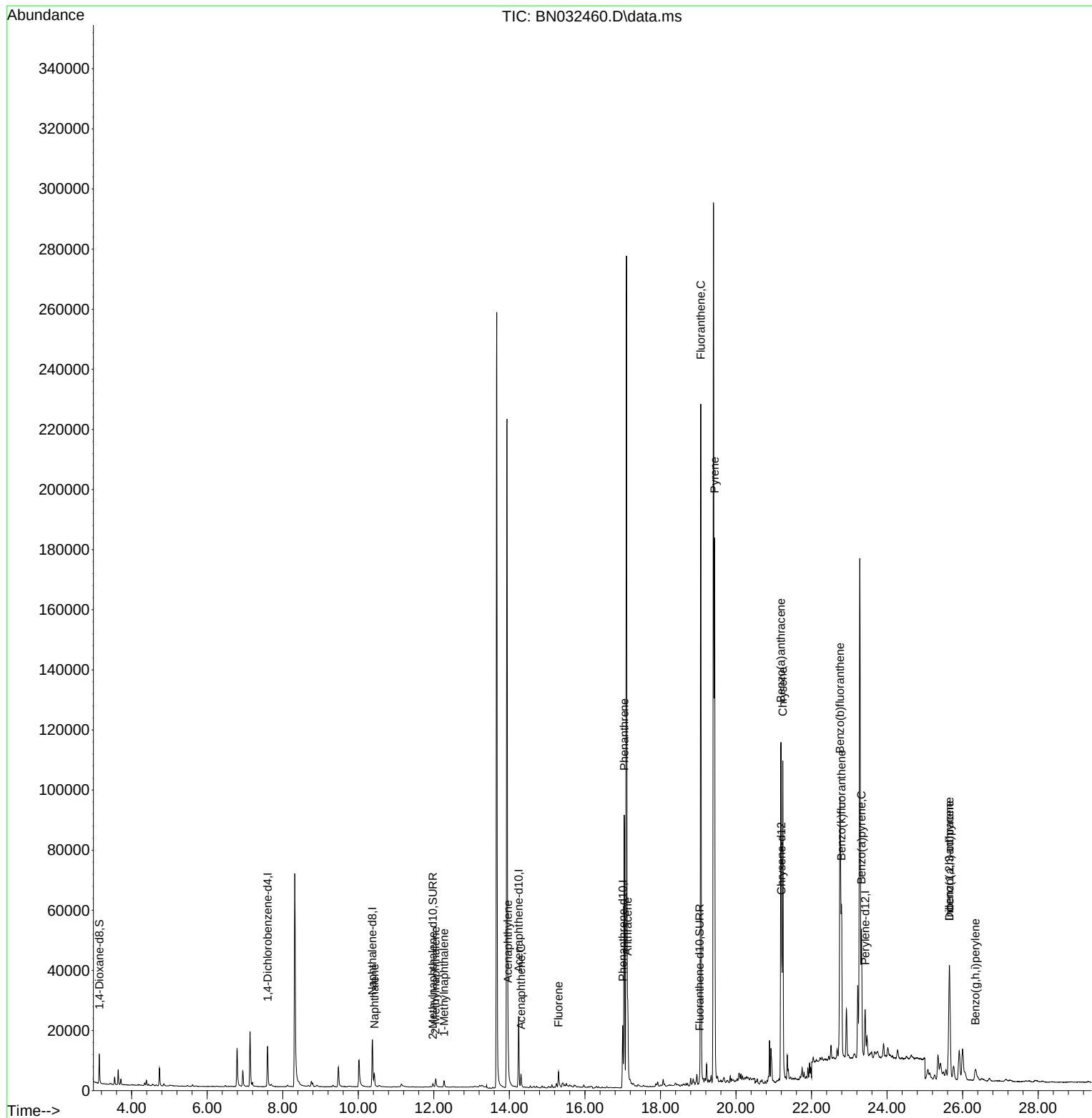
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032460.D
Acq On : 04 Jul 2024 06:10
Operator : MA/JU
Sample : P2963-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

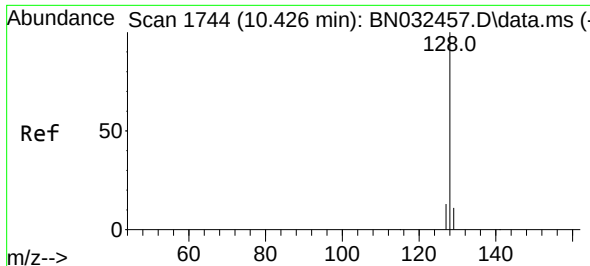
Instrument :
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ClientSampleId :
A4CR5DL

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Supervised By :mohammad ahmed 07/05/2024

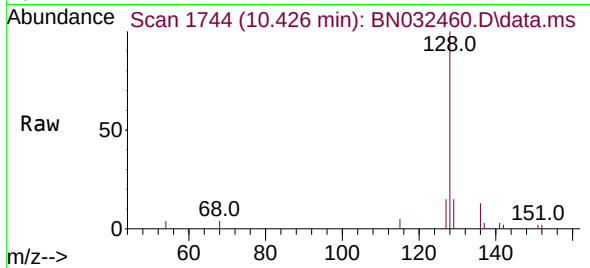
Quant Time: Jul 04 06:36:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

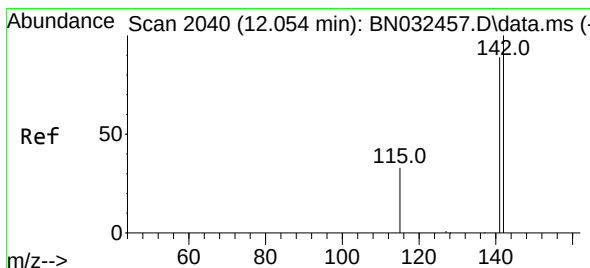
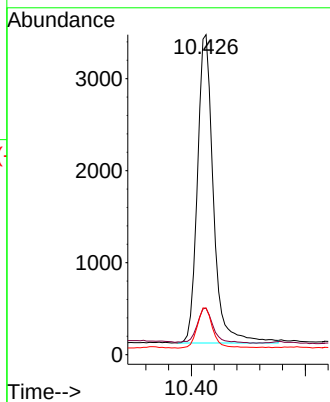
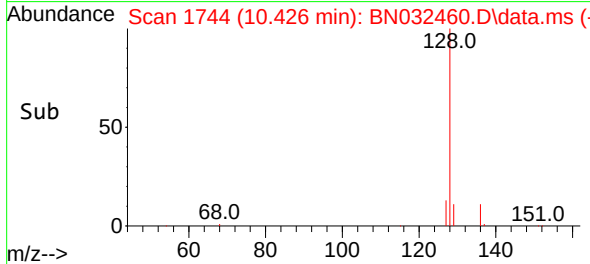
Instrument :
BNA_N
ClientSampleId :
A4CR5DL



Tgt Ion:128 Resp: 6538
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 14.6 10.8 16.2

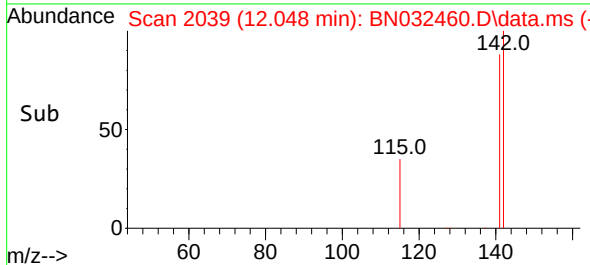
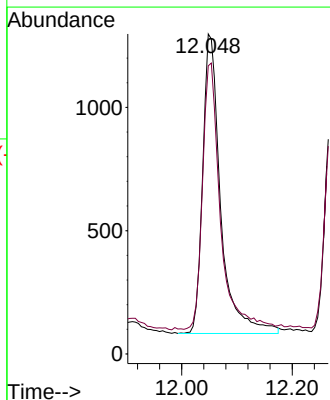
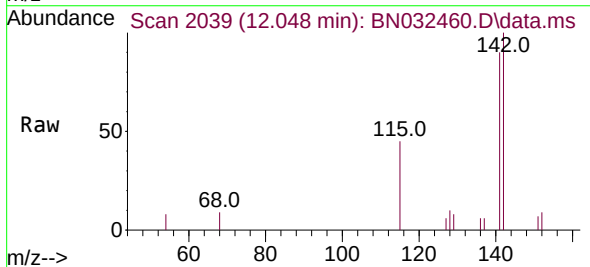
Manual Integrations
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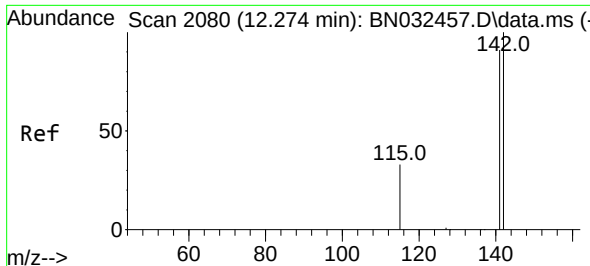
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

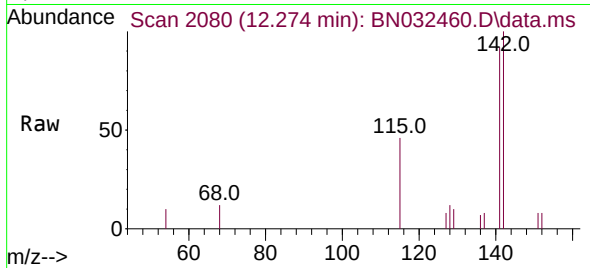
Tgt Ion:142 Resp: 2742
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

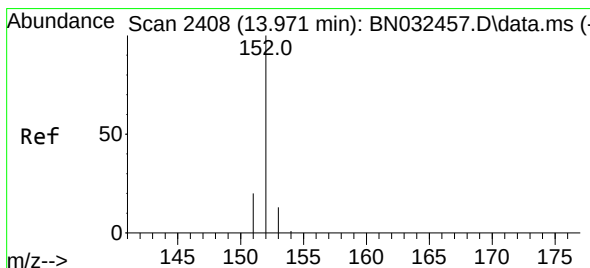
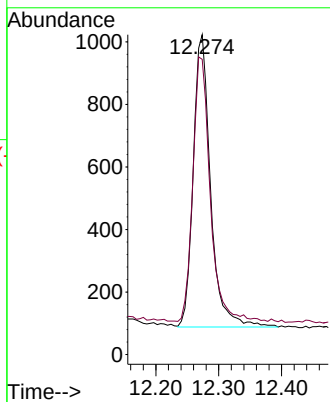
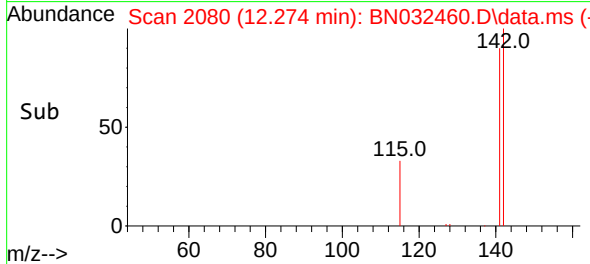
Instrument :
BNA_N
ClientSampleId :
A4CR5DL



Tgt Ion:142 Resp: 179
Ion Ratio Lower Upper
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141 90.5 73.4 110.0

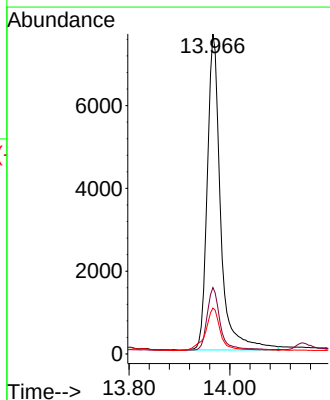
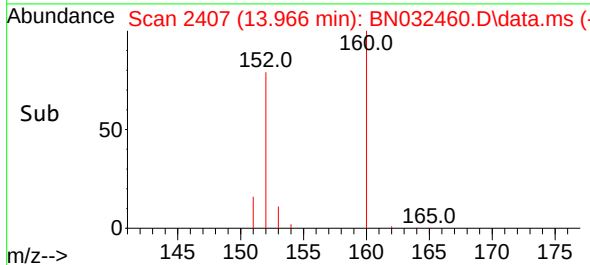
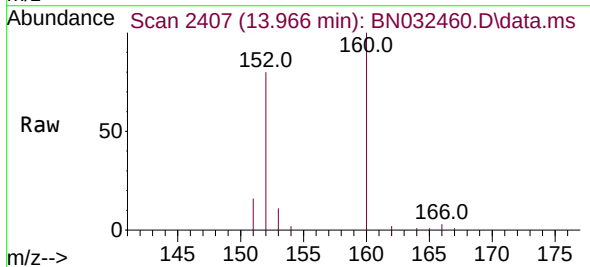
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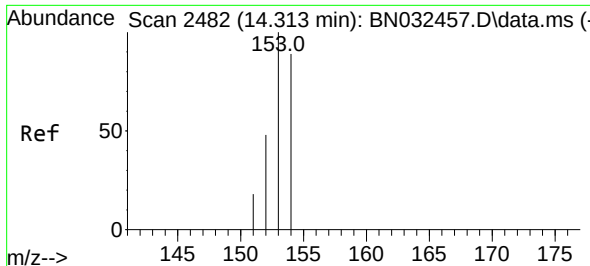
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.245 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

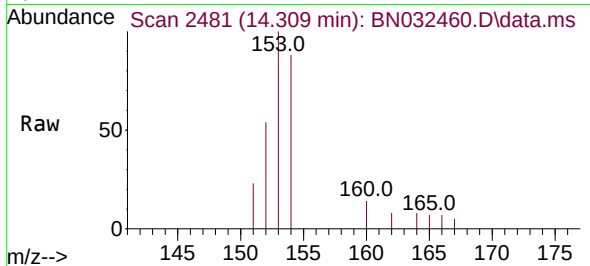
Tgt Ion:152 Resp: 14012
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

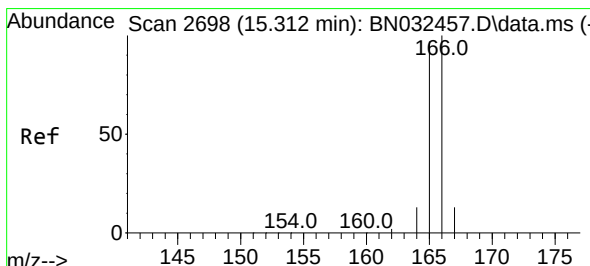
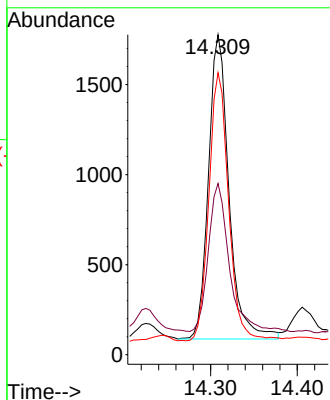
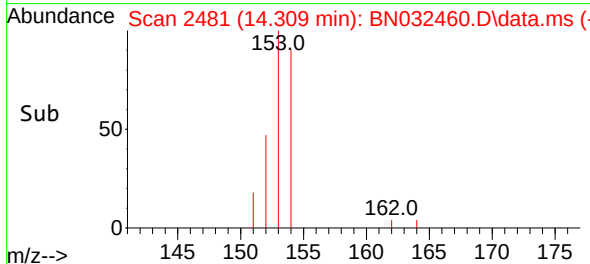
Instrument :
BNA_N
ClientSampleId :
A4CR5DL



Tgt Ion:153 Resp: 278
Ion Ratio Lower Upper
153 100
152 53.5 39.5 59.3
154 88.1 71.7 107.5

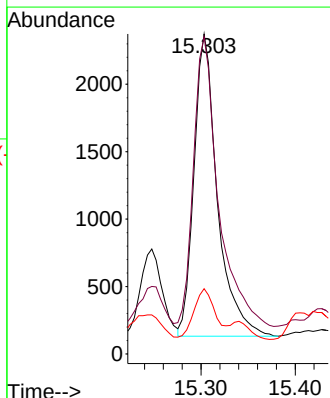
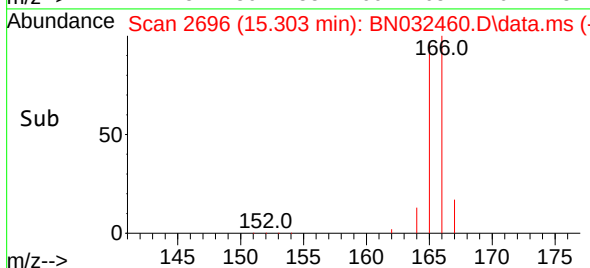
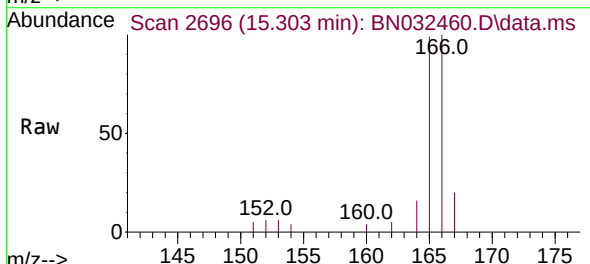
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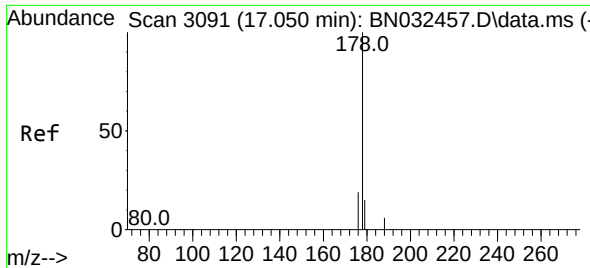
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

Tgt Ion:166 Resp: 3859
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 20.4 11.0 16.6#





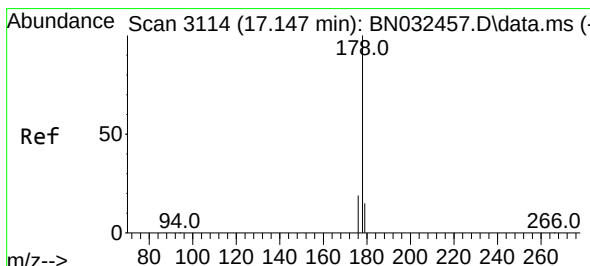
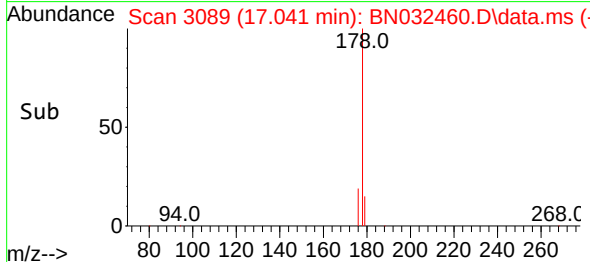
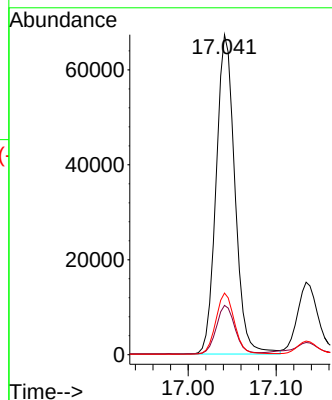
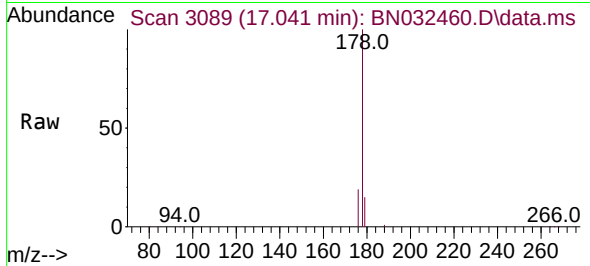
#15
Phenanthrene
Concen: 1.450 ng/ul
RT: 17.041 min Scan# 3091
Delta R.T. -0.008 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

Instrument :
BNA_N
ClientSampleId :
A4CR5DL

Tgt Ion:178 Resp: 9953
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.6 23.4

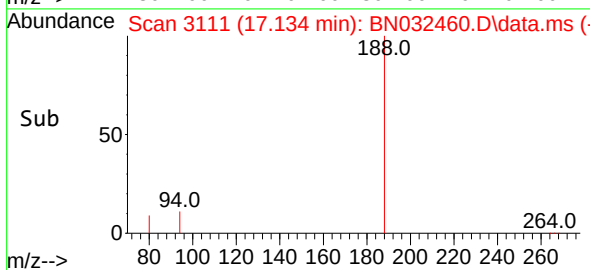
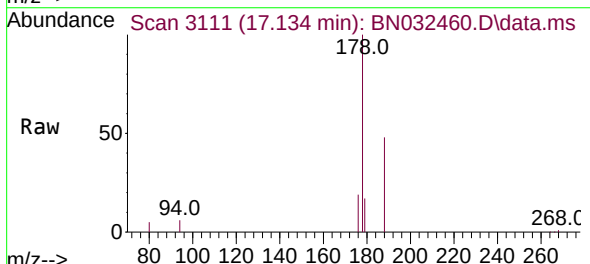
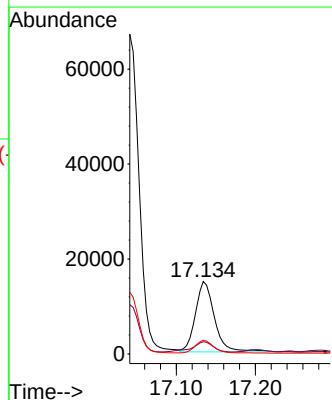
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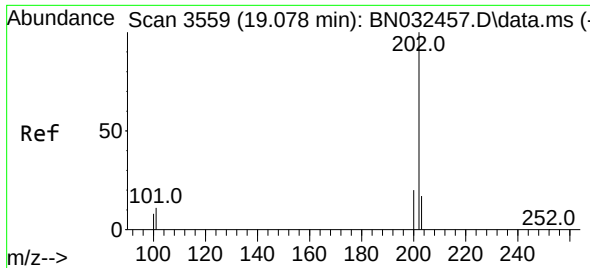
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

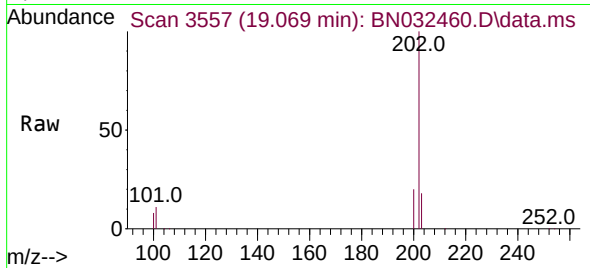
Tgt Ion:178 Resp: 24726
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 2.977 ng/ul
RT: 19.069 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

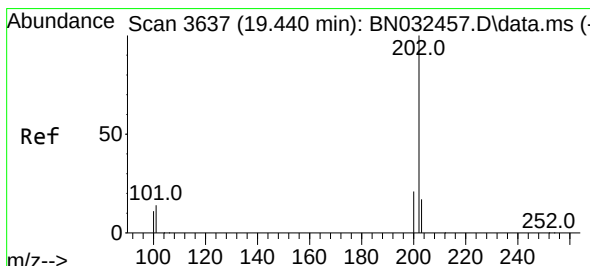
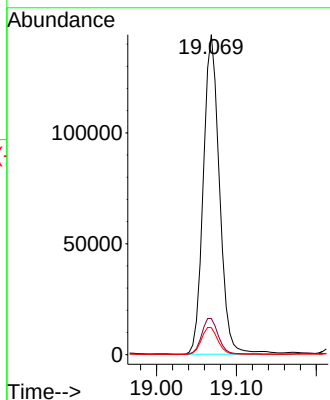
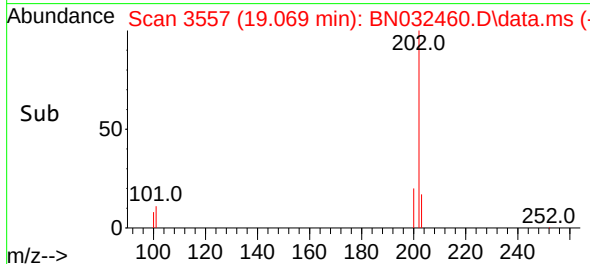
Instrument :
BNA_N
ClientSampleId :
A4CR5DL



Tgt Ion:202 Resp: 20256
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.4 6.4 9.6

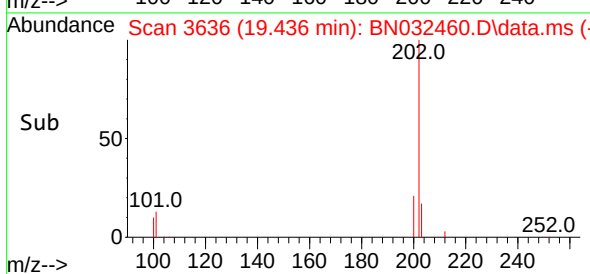
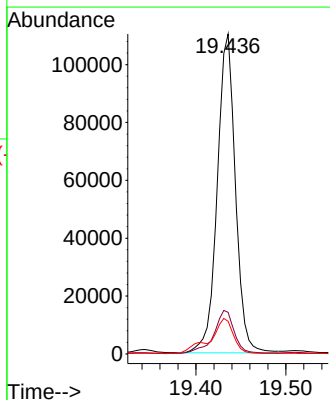
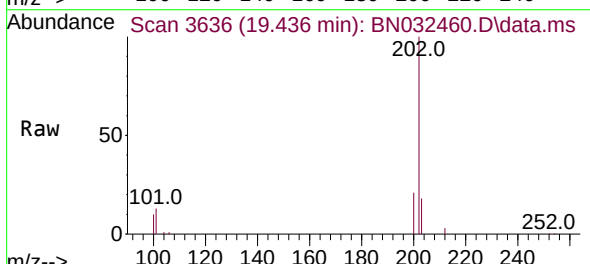
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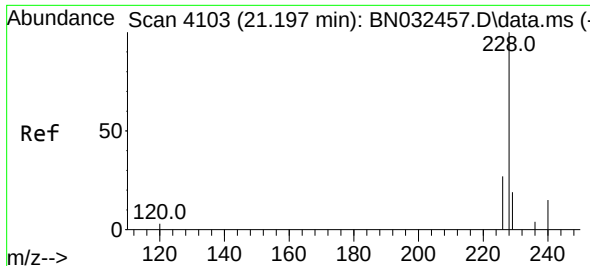
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.172 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

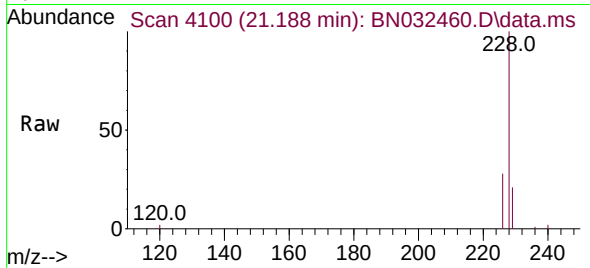
Tgt Ion:202 Resp: 154446
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.2 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 21.188 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

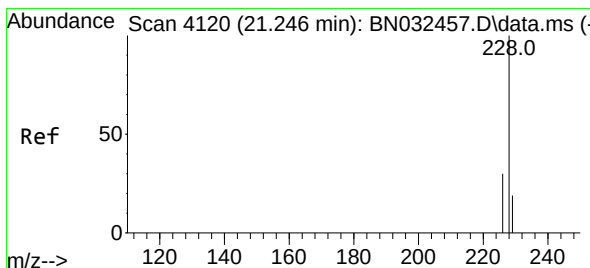
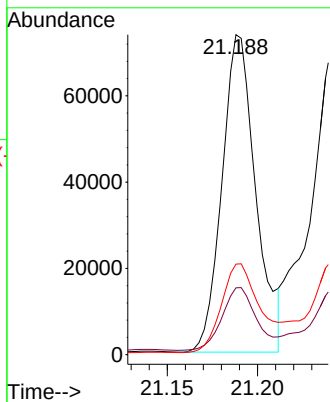
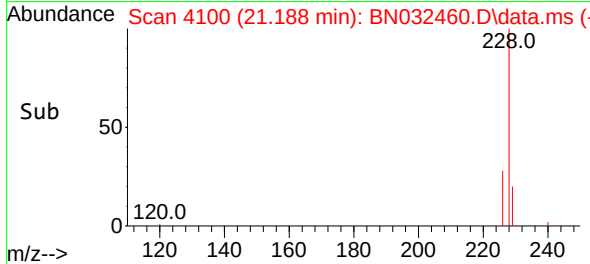
Instrument :
BNA_N
ClientSampleId :
A4CR5DL



Tgt Ion:228 Resp: 95828
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.3 21.8 32.8

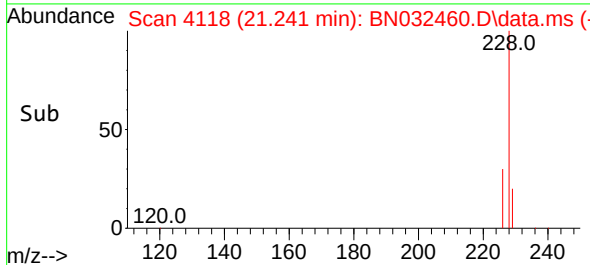
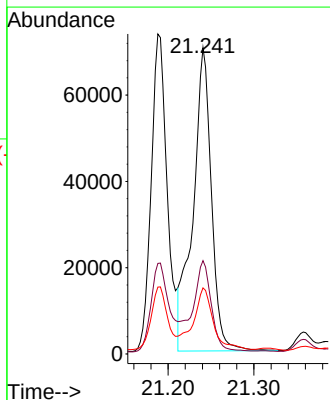
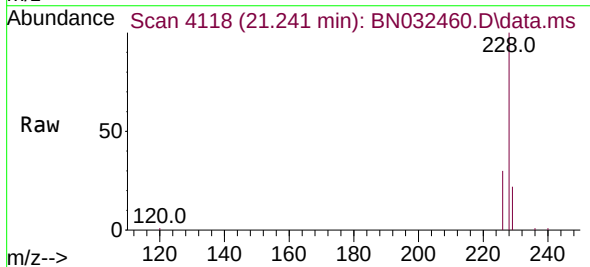
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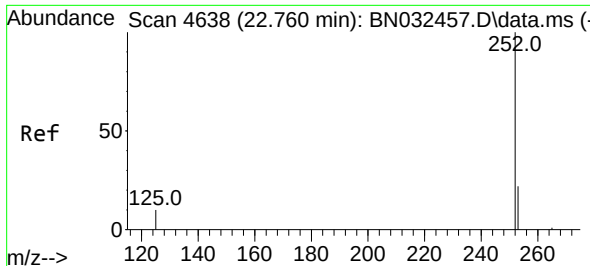
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 1.483 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

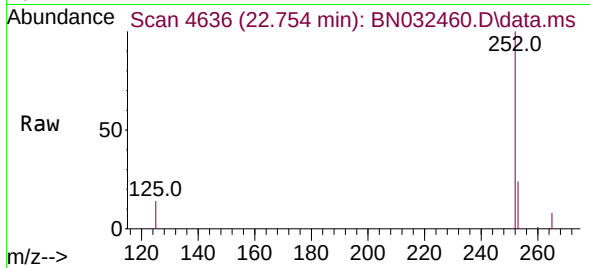
Tgt Ion:228 Resp: 104986
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.537 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

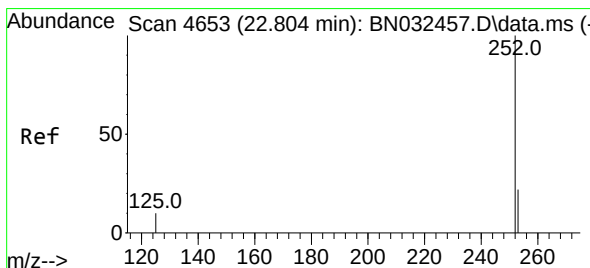
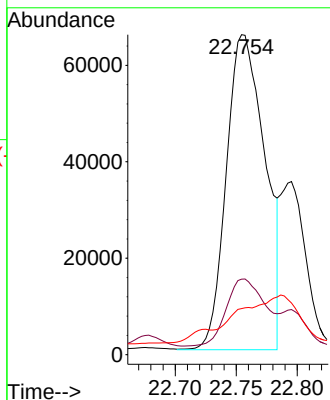
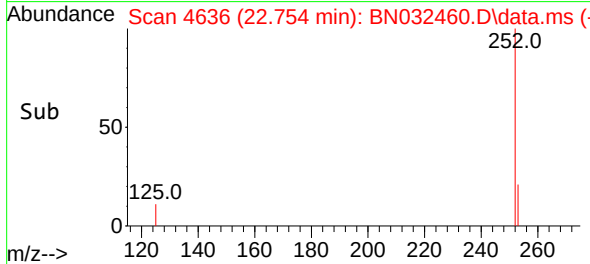
Instrument :
BNA_N
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A4CR5DL



Tgt Ion:252 Resp: 144194
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 14.4 0.0 32.0

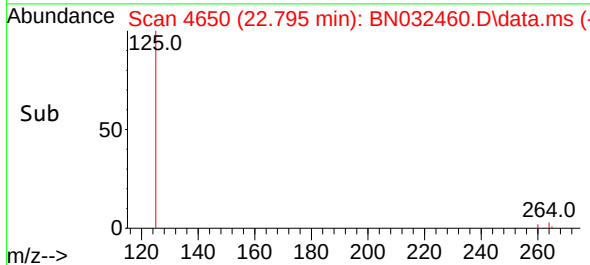
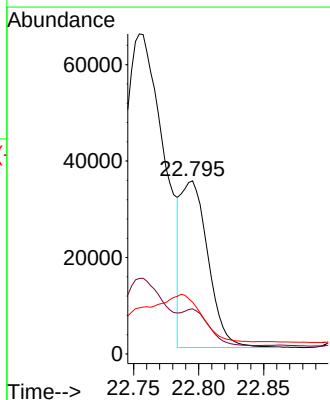
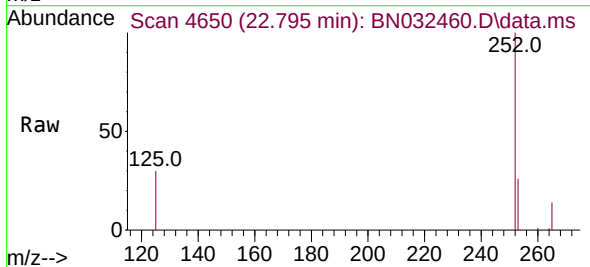
Manual Integrations
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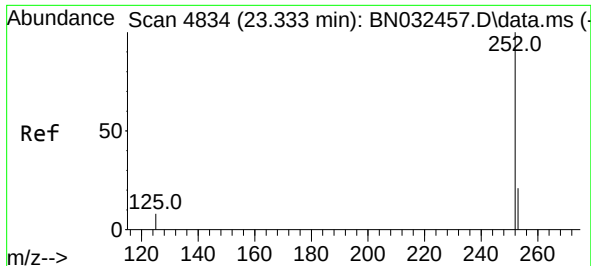
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.547 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

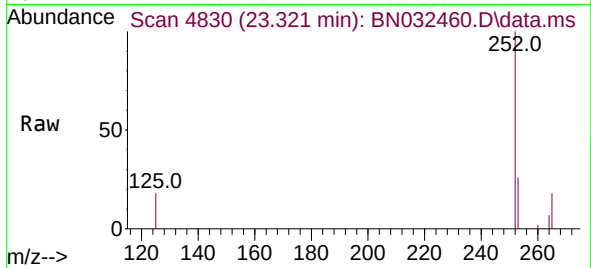
Tgt Ion:252 Resp: 49880
Ion Ratio Lower Upper
252 100
253 26.1 20.3 30.5
125 29.8 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.863 ng/ul
RT: 23.321 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

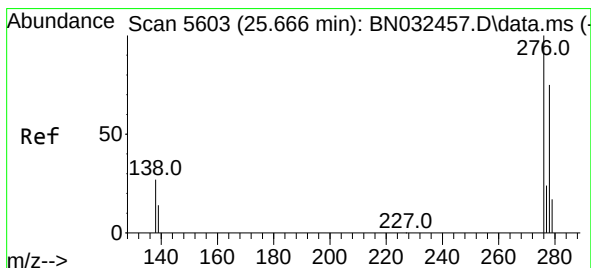
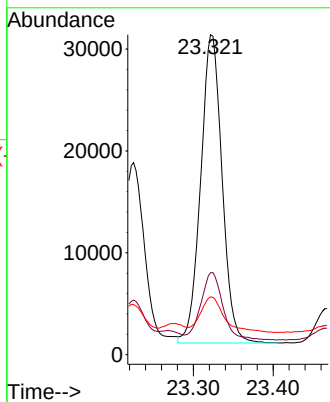
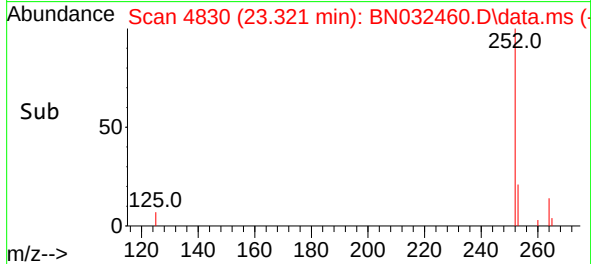
Instrument :
BNA_N
ClientSampleId :
A4CR5DL



Tgt Ion:252 Resp: 56350
Ion Ratio Lower Upper
252 100
253 25.6 22.2 33.2
125 18.0 16.4 24.6

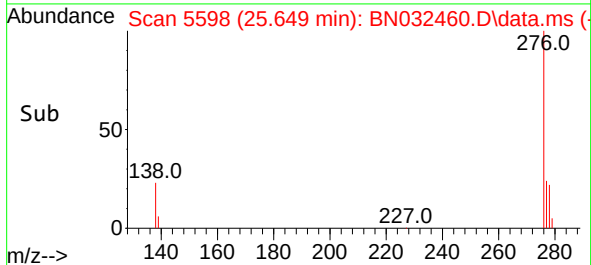
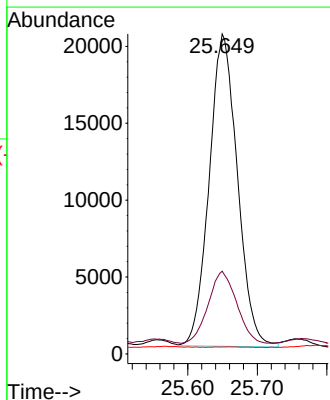
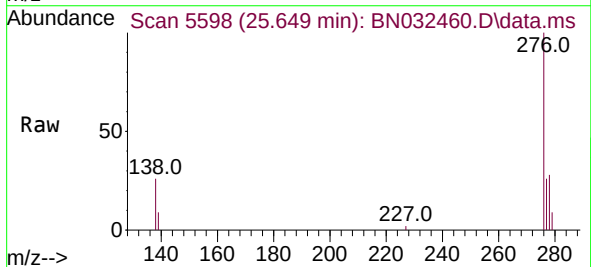
Manual Integrations
APPROVED

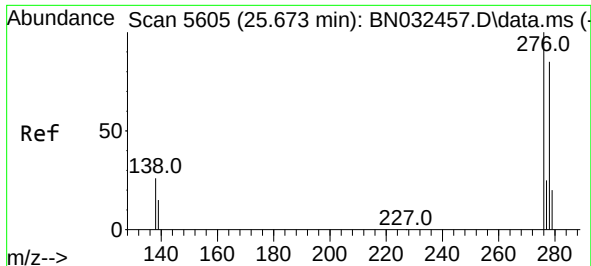
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.560 ng/ul
RT: 25.649 min Scan# 5598
Delta R.T. -0.010 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

Tgt Ion:276 Resp: 57253
Ion Ratio Lower Upper
276 100
138 23.7 21.3 31.9
227 0.2 0.1 0.1#





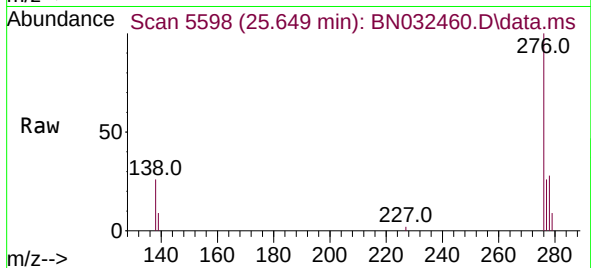
#28
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.649 min Scan# 5598
Delta R.T. -0.017 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

Instrument :

BNA_N

ClientSampleId :

A4CR5DL



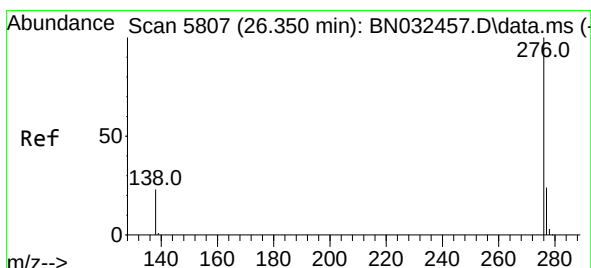
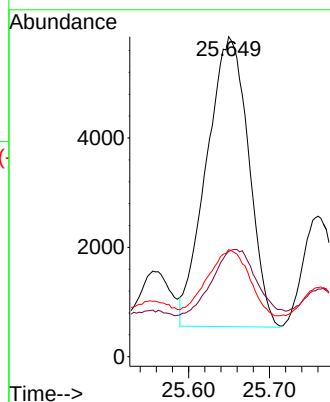
Tgt Ion:278 Resp: 1919
Ion Ratio Lower Upper
278 100
139 32.9 15.9 23.9#
279 33.5 21.1 31.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul
RT: 26.337 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN032460.D
Acq: 04 Jul 2024 06:10

Tgt Ion:276 Resp: 8426
Ion Ratio Lower Upper
276 100
138 38.9 19.8 29.6#
277 36.3 19.8 29.6#

