

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032449.D
 Acq On : 03 Jul 2024 22:59
 Operator : MA/JU
 Sample : P2871-11DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:50:49 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	6736	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	20173	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11303	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20325	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	15384	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	18710	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6946	0.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1773	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	3130	0.068	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	4077	0.076	ng/ul#	92
7) 2-Methylnaphthalene	12.054	142	1161	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	945	0.026	ng/ul	100
10) Acenaphthylene	13.971	152	5846	0.124	ng/ul	95
11) Acenaphthene	14.309	153	4758	0.130	ng/ul	98
12) Fluorene	15.303	166	5068	0.117	ng/ul#	98
15) Phenanthrene	17.046	178	106461	1.911	ng/ul	99
16) Anthracene	17.138	178	19137	0.385	ng/ul	97
19) Fluoranthene	19.073	202	229190	3.912	ng/ul	99
20) Pyrene	19.440	202	163336	2.668	ng/ul	98
21) Benzo(a)anthracene	21.191	228	91118	1.641	ng/ul	98
22) Chrysene	21.244	228	109621	1.799	ng/ul	97
24) Benzo(b)fluoranthene	22.760	252	170355m	2.096	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	51742m	0.655	ng/ul	
26) Benzo(a)pyrene	23.325	252	60902	1.077	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.656	276	62709	0.708	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.656	278	19498	0.296	ng/ul#	76
29) Benzo(g,h,i)perylene	26.347	276	9513	0.135	ng/ul#	67

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

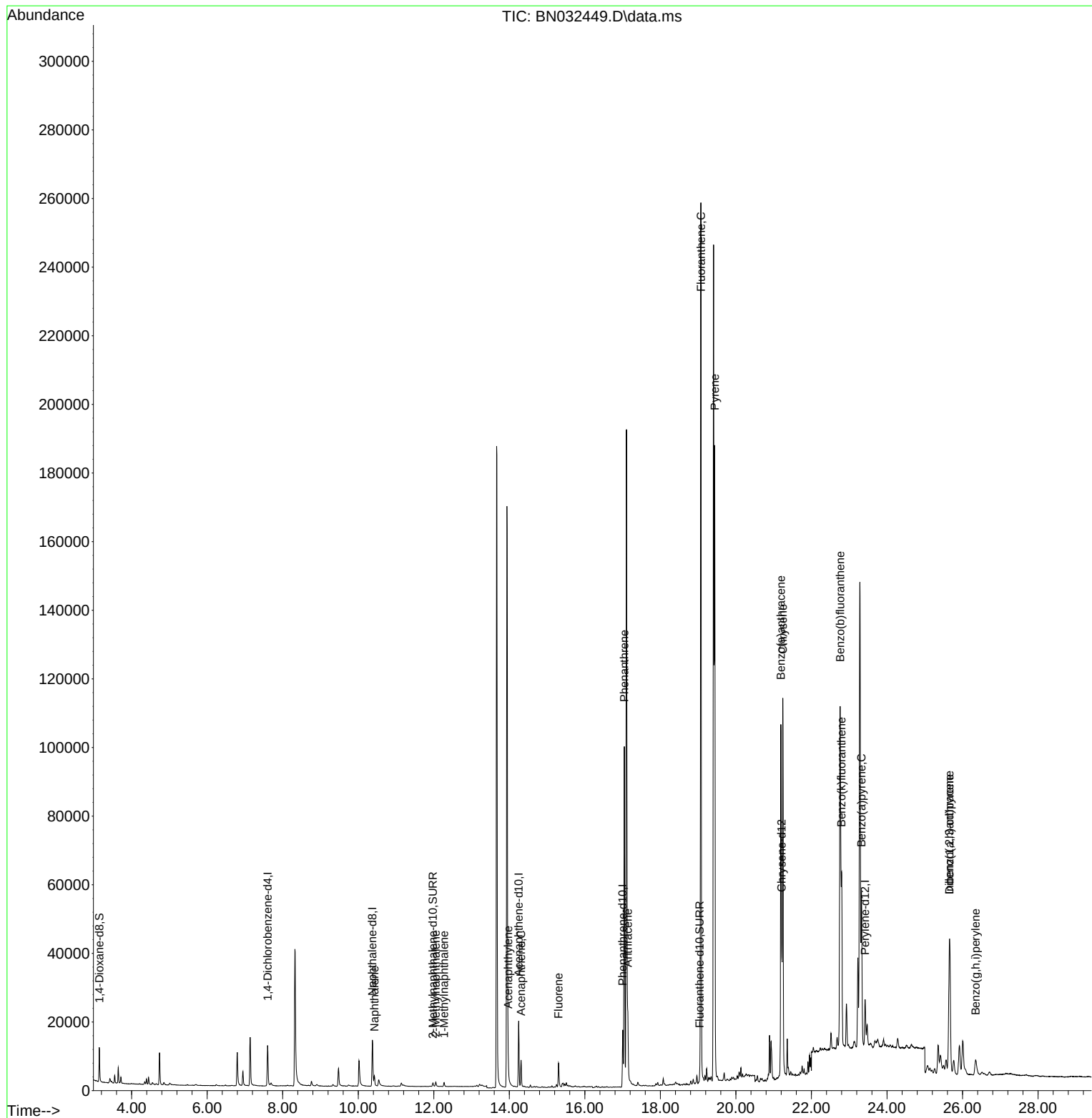
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032449.D
Acq On : 03 Jul 2024 22:59
Operator : MA/JU
Sample : P2871-11DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

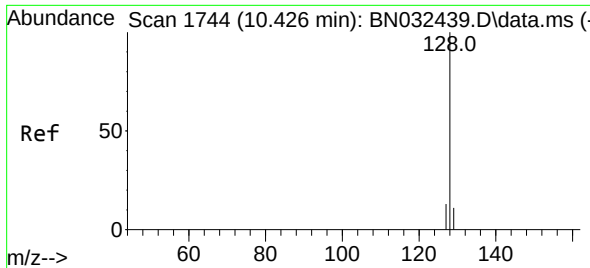
Instrument :
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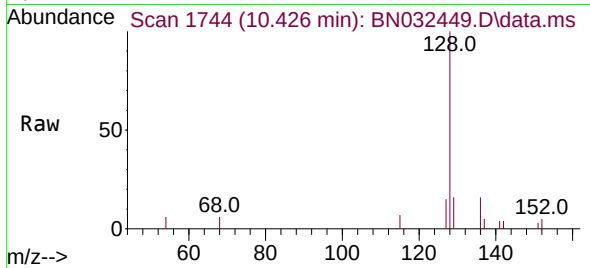
Quant Time: Jul 03 23:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

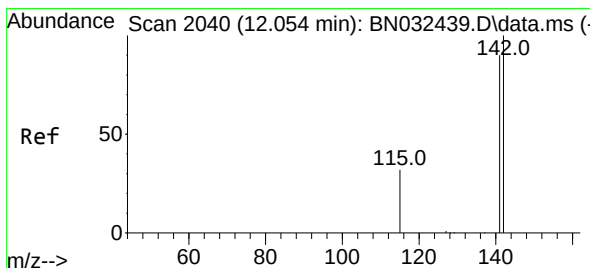
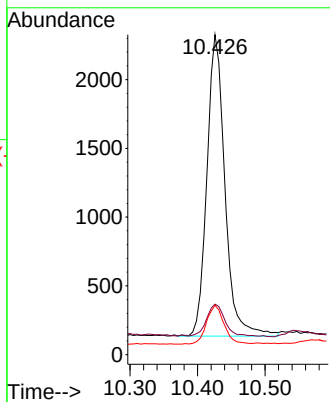
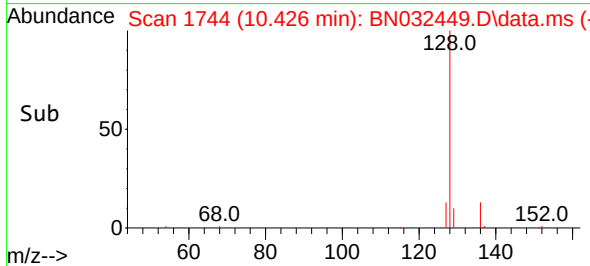
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
129 15.8 9.2 13.8
127 15.4 10.8 16.2

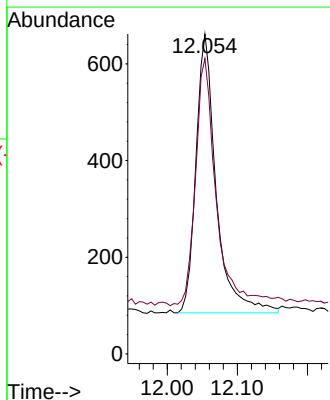
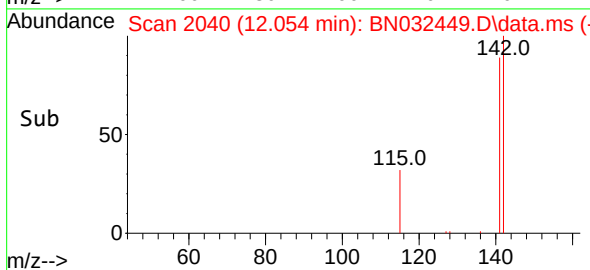
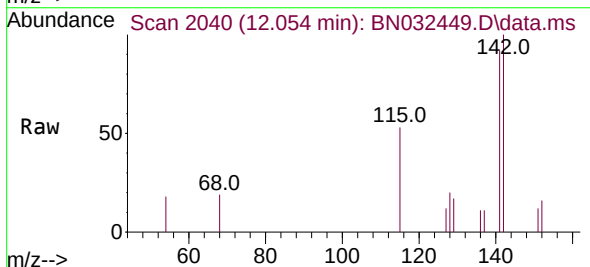
Manual Integrations
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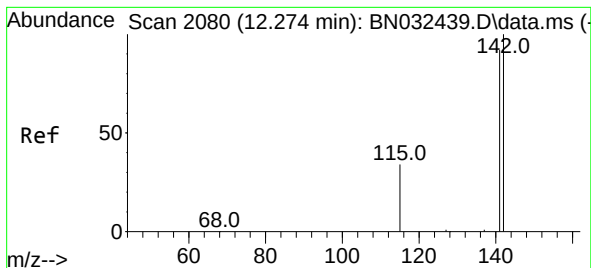
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

Tgt Ion:142 Resp: 1161
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.274 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN032449.D

Acq: 03 Jul 2024 22:59

Instrument :

BNA_N

ClientSampleId :

A4CJ1DL

Tgt Ion:142 Resp: 945

Ion Ratio Lower Upper

142 100

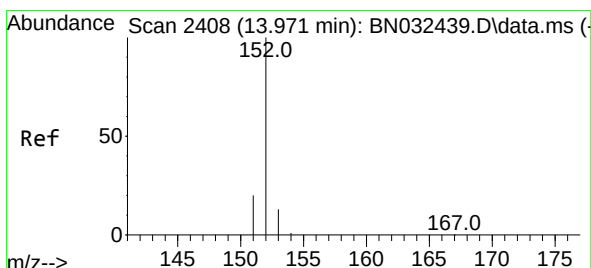
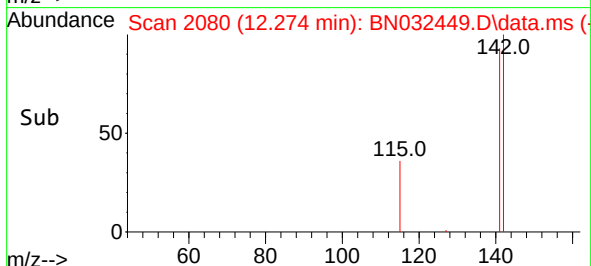
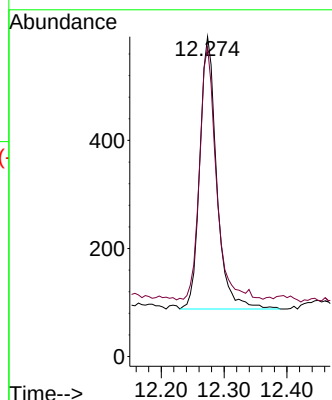
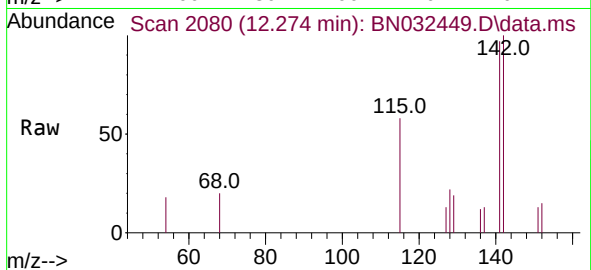
141 91.4 73.4 110.0

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2024



#10

Acenaphthylene

Concen: 0.124 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN032449.D

Acq: 03 Jul 2024 22:59

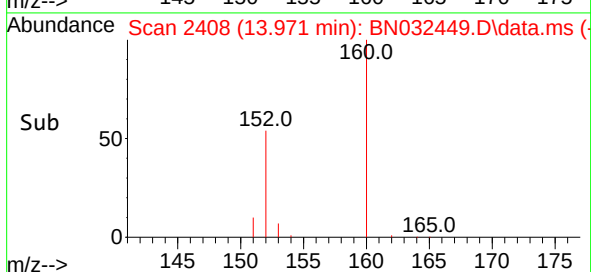
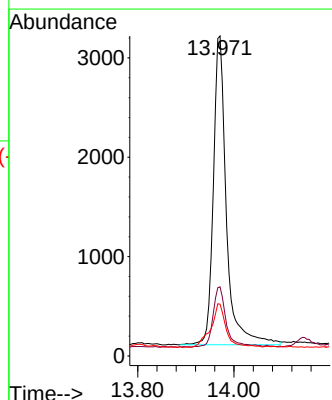
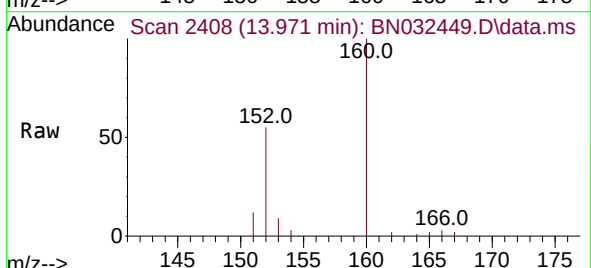
Tgt Ion:152 Resp: 5846

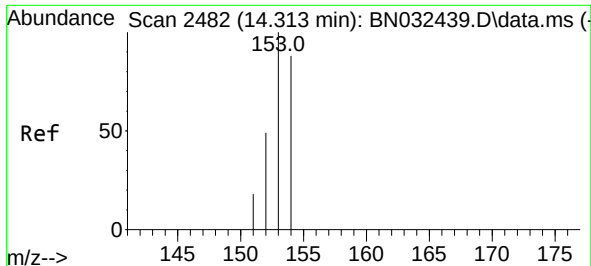
Ion Ratio Lower Upper

152 100

151 21.6 15.7 23.5

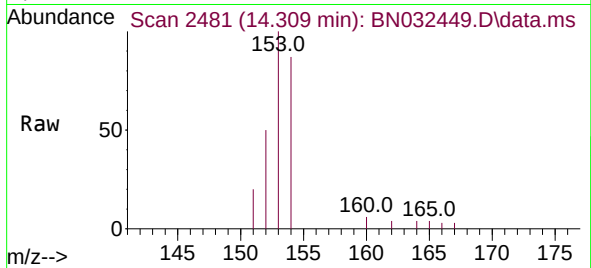
153 16.2 10.9 16.3





#11
Acenaphthene
Concen: 0.130 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

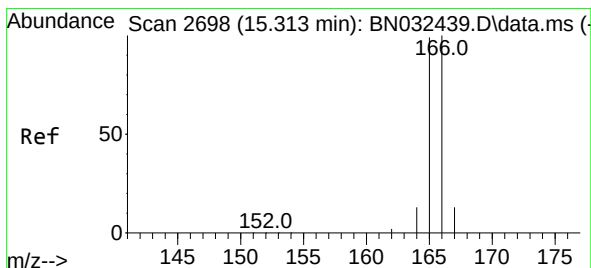
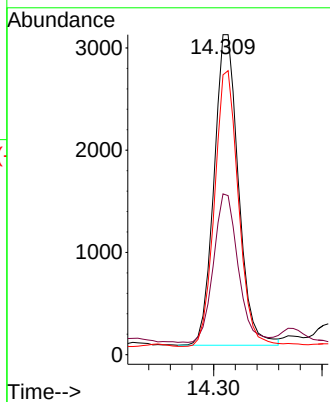
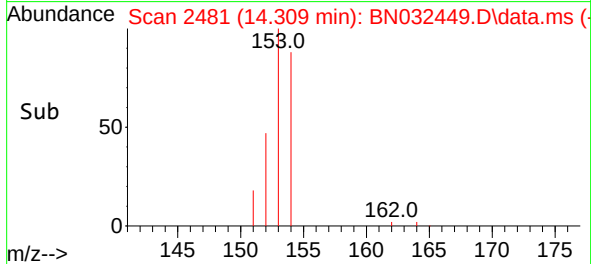
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:153 Resp: 4758
Ion Ratio Lower Upper
153 100
152 50.3 39.5 59.3
154 87.4 71.7 107.5

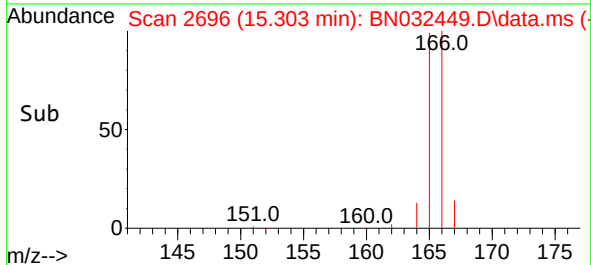
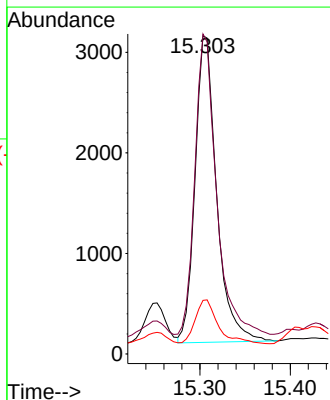
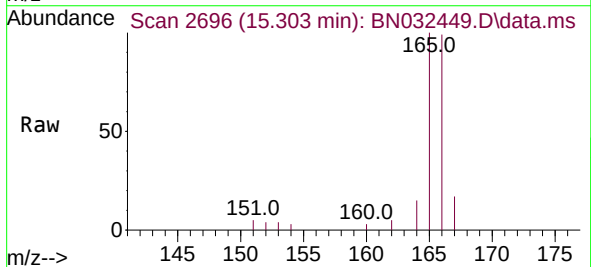
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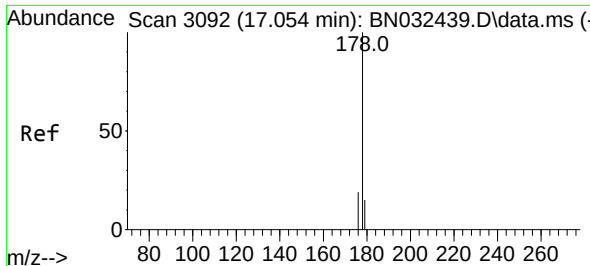
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

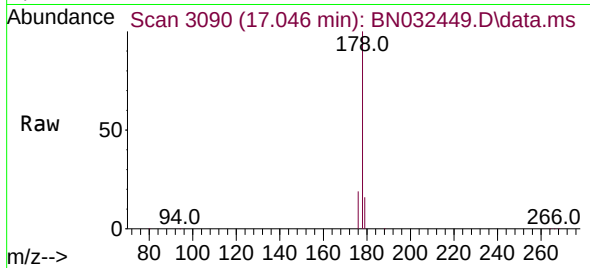
Tgt Ion:166 Resp: 5068
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.6
167 16.8 11.0 16.6#





#15
Phenanthrene
Concen: 1.911 ng/ul
RT: 17.046 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

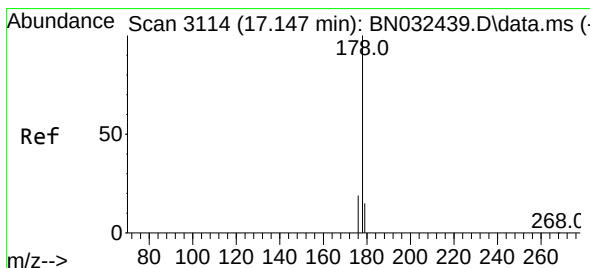
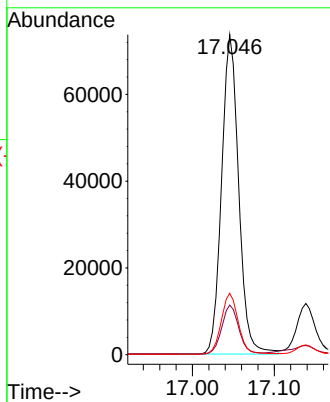
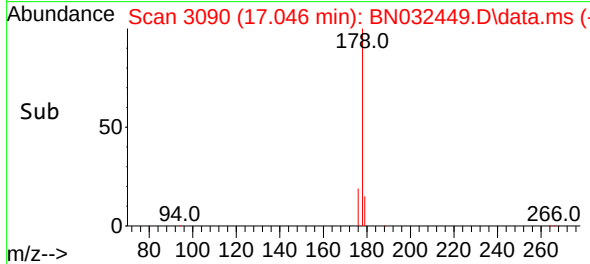
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



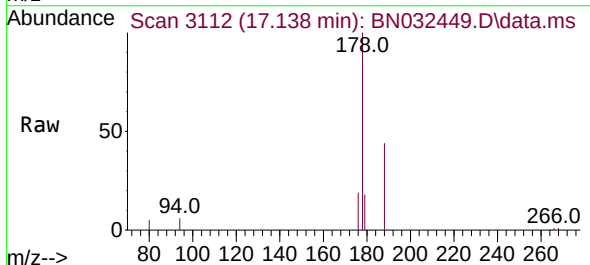
Tgt Ion:178 Resp: 10646
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

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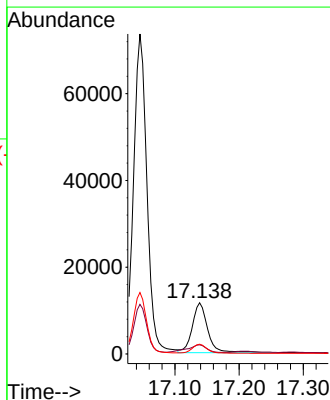
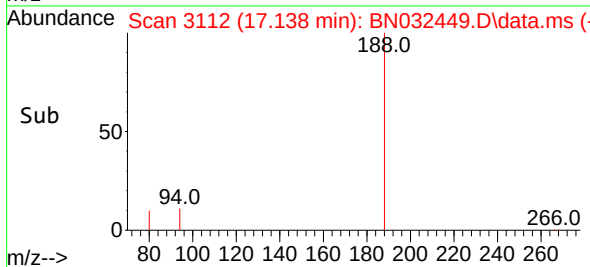
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

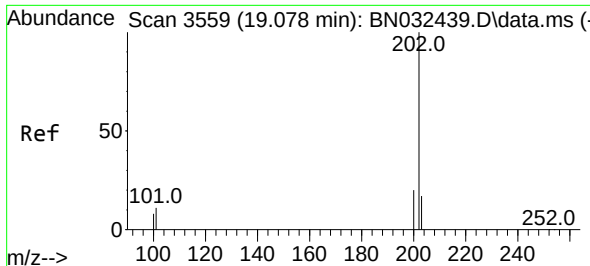


#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59



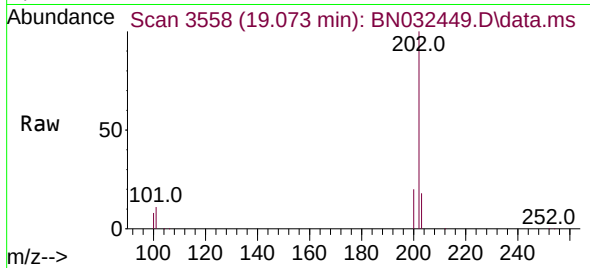
Tgt Ion:178 Resp: 19137
Ion Ratio Lower Upper
178 100
179 17.9 12.5 18.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 3.912 ng/u1
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

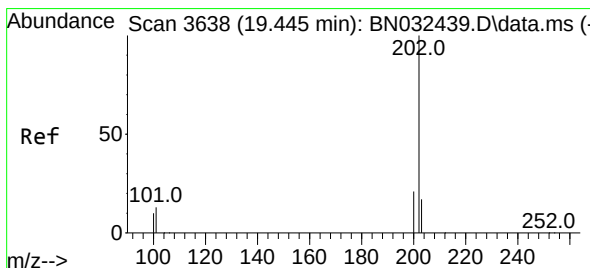
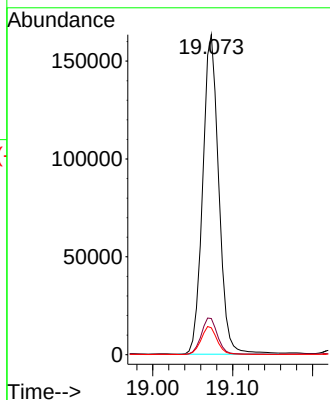
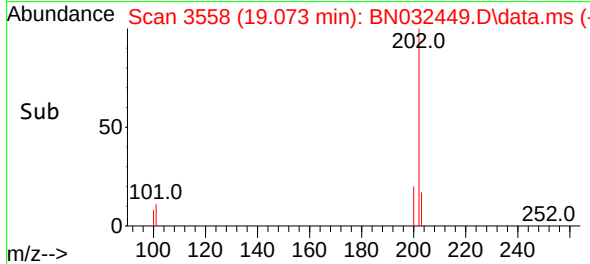
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:202 Resp: 229190
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.4 6.4 9.6

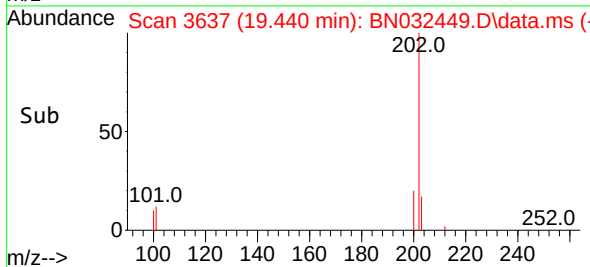
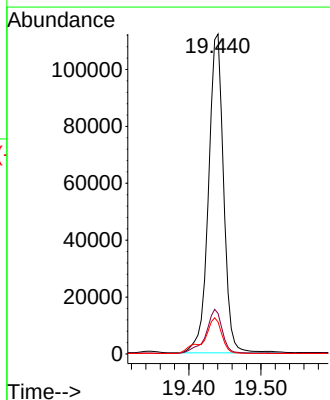
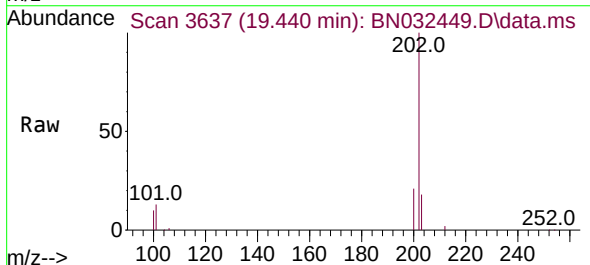
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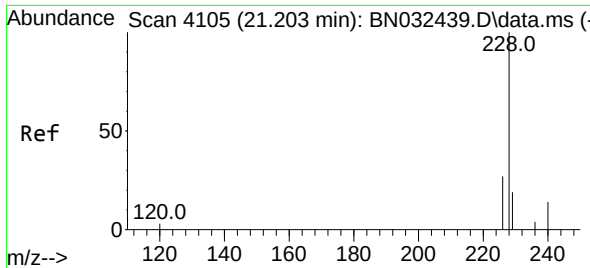
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.668 ng/u1
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

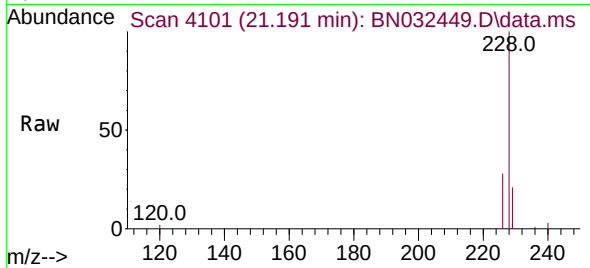
Tgt Ion:202 Resp: 163336
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 10.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.641 ng/ul
RT: 21.191 min Scan# 4110
Delta R.T. 0.000 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

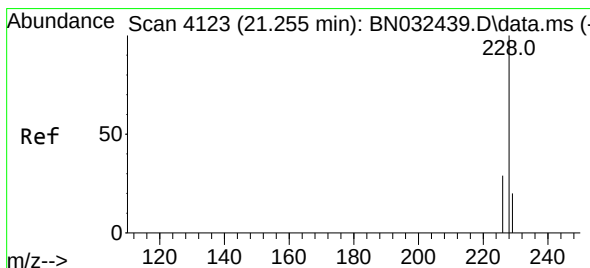
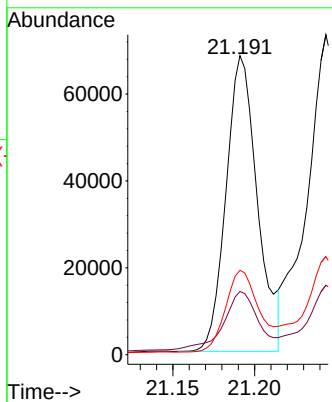
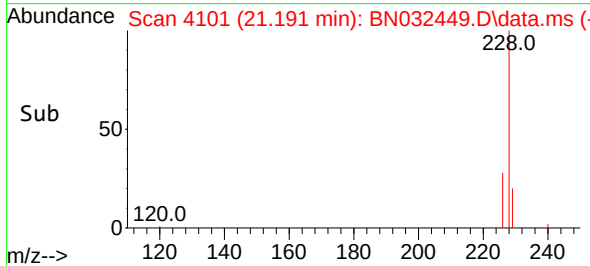
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:228 Resp: 91118
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.2 21.8 32.8

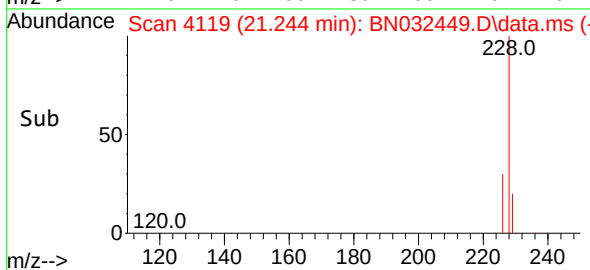
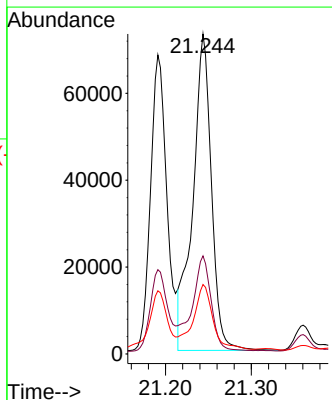
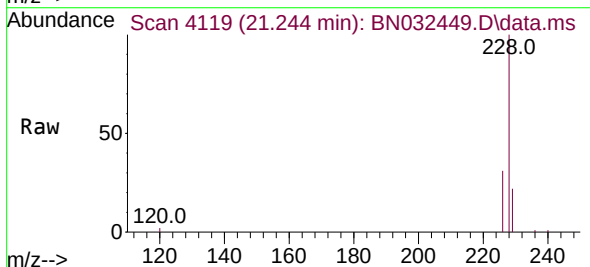
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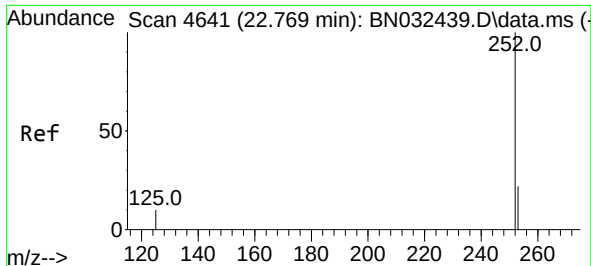
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 1.799 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

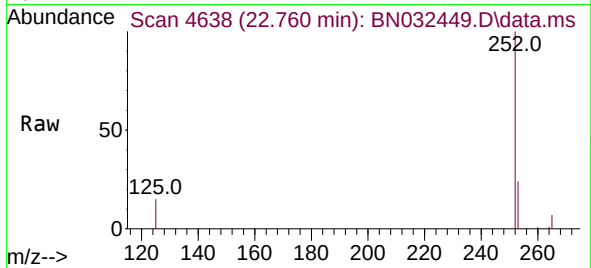
Tgt Ion:228 Resp: 109621
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.096 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

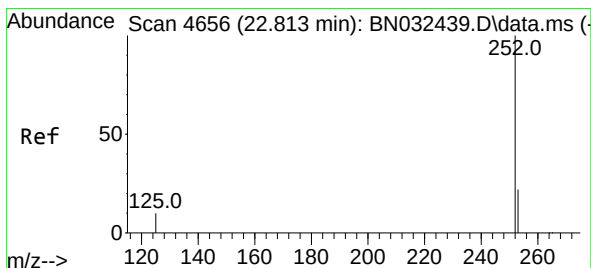
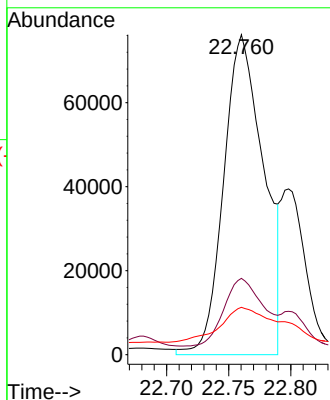
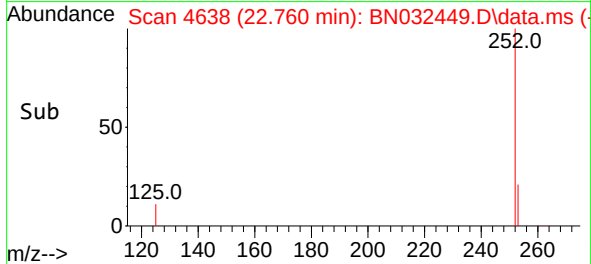
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:252 Resp: 17035
Ion Ratio Lower Upper
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253 23.9 0.0 50.2
125 14.8 0.0 32.0

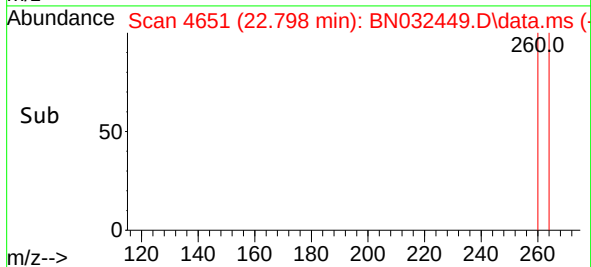
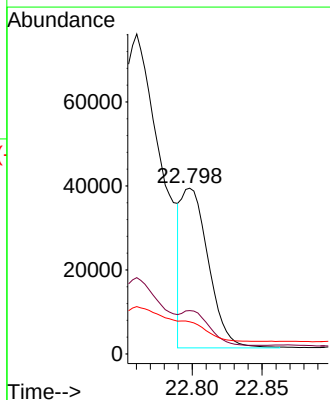
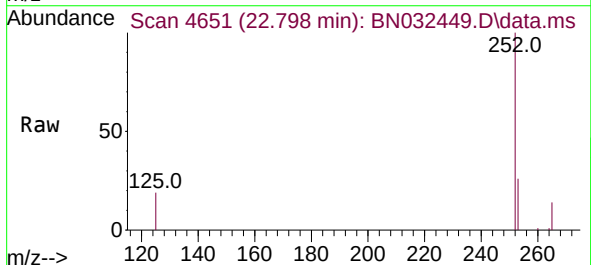
Manual Integrations
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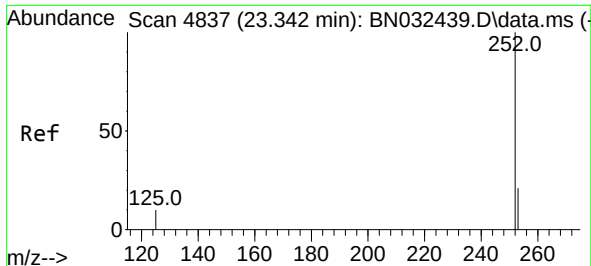
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.655 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

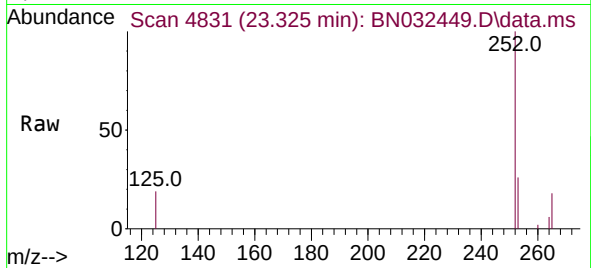
Tgt Ion:252 Resp: 51742
Ion Ratio Lower Upper
252 100
253 26.1 20.3 30.5
125 19.4 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.077 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

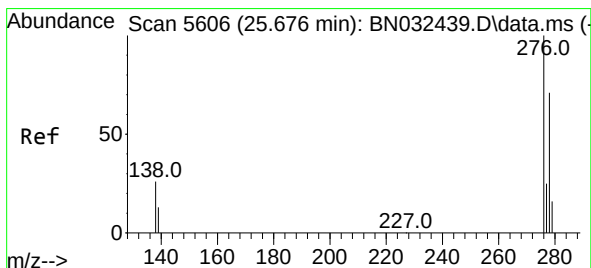
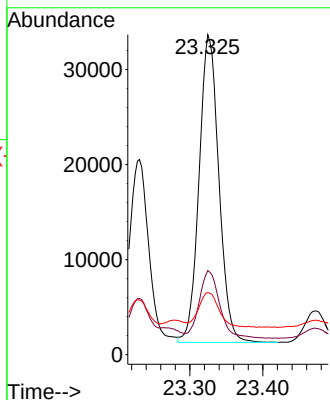
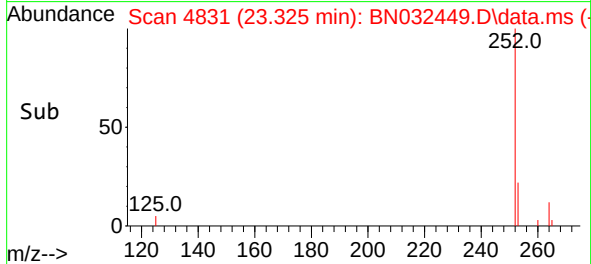
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:252 Resp: 6090
Ion Ratio Lower Upper
252 100
253 26.3 22.2 33.2
125 19.4 16.4 24.6

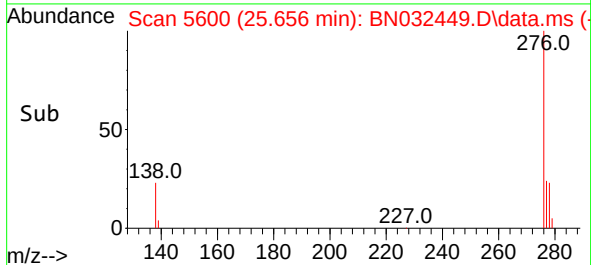
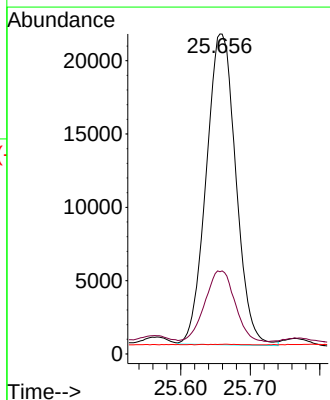
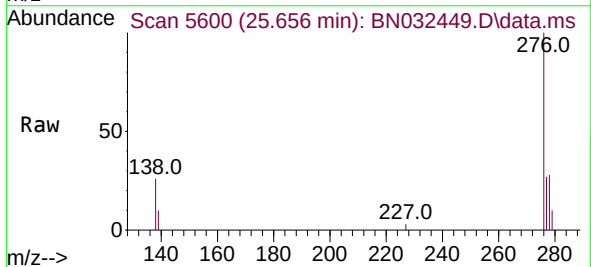
Manual Integrations
APPROVED

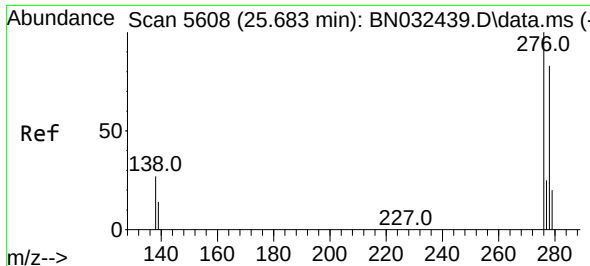
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.708 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.003 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

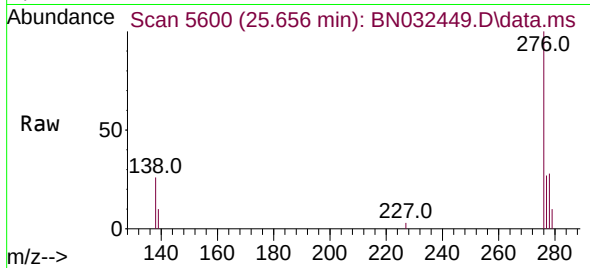
Tgt Ion:276 Resp: 62709
Ion Ratio Lower Upper
276 100
138 23.2 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 25.656 min Scan# 50
Delta R.T. -0.010 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

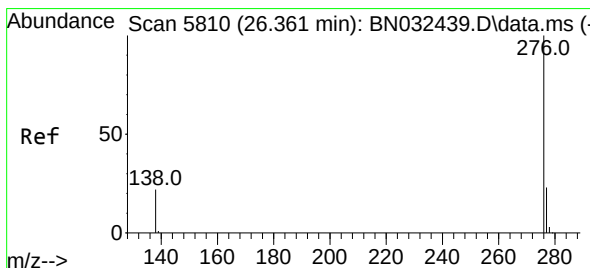
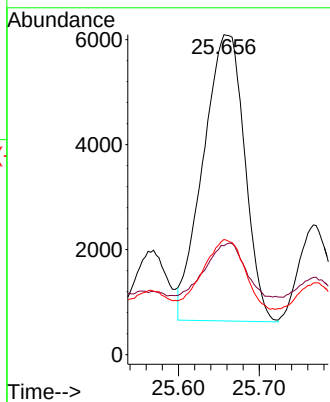
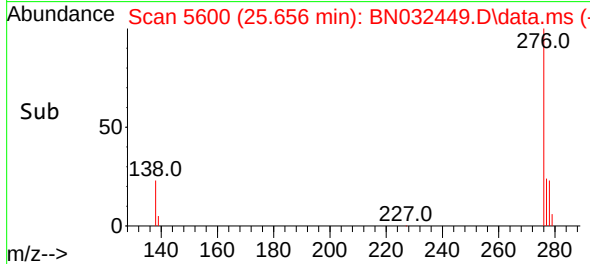
Instrument :
BNA_N
ClientSampleId :
A4CJ1DL



Tgt Ion:278 Resp: 19498
Ion Ratio Lower Upper
278 100
139 34.0 15.9 23.9#
279 36.0 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: 0.135 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032449.D
Acq: 03 Jul 2024 22:59

Tgt Ion:276 Resp: 9513
Ion Ratio Lower Upper
276 100
138 43.1 19.8 29.6#
277 39.3 19.8 29.6#

