

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032447.D
 Acq On : 03 Jul 2024 21:47
 Operator : MA/JU
 Sample : P2871-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C54DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:50:23 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	6108	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	17894	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	9686	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.007	188	17980	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	15182	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	19033	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6104	0.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1440	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	2692	0.059	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	5684	0.120	ng/ul#	95
7) 2-Methylnaphthalene	12.054	142	1915	0.061	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	1480	0.045	ng/ul	100
10) Acenaphthylene	13.971	152	6903	0.171	ng/ul	94
11) Acenaphthene	14.313	153	5366	0.172	ng/ul	99
12) Fluorene	15.308	166	6610	0.177	ng/ul#	98
15) Phenanthrene	17.045	178	124355	2.523	ng/ul	99
16) Anthracene	17.138	178	26219	0.596	ng/ul#	96
19) Fluoranthene	19.073	202	247428	4.280	ng/ul	98
20) Pyrene	19.440	202	179627	2.973	ng/ul	98
21) Benzo(a)anthracene	21.191	228	106803	1.949	ng/ul	97
22) Chrysene	21.243	228	121014	2.012	ng/ul	96
24) Benzo(b)fluoranthene	22.760	252	168377m	2.036	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	65449m	0.815	ng/ul	
26) Benzo(a)pyrene	23.330	252	69468	1.207	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.659	276	68770	0.763	ng/ul	94
28) Dibenzo(a,h)anthracene	25.659	278	21720	0.325	ng/ul#	70
29) Benzo(g,h,i)perylene	26.347	276	10604	0.148	ng/ul#	62

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

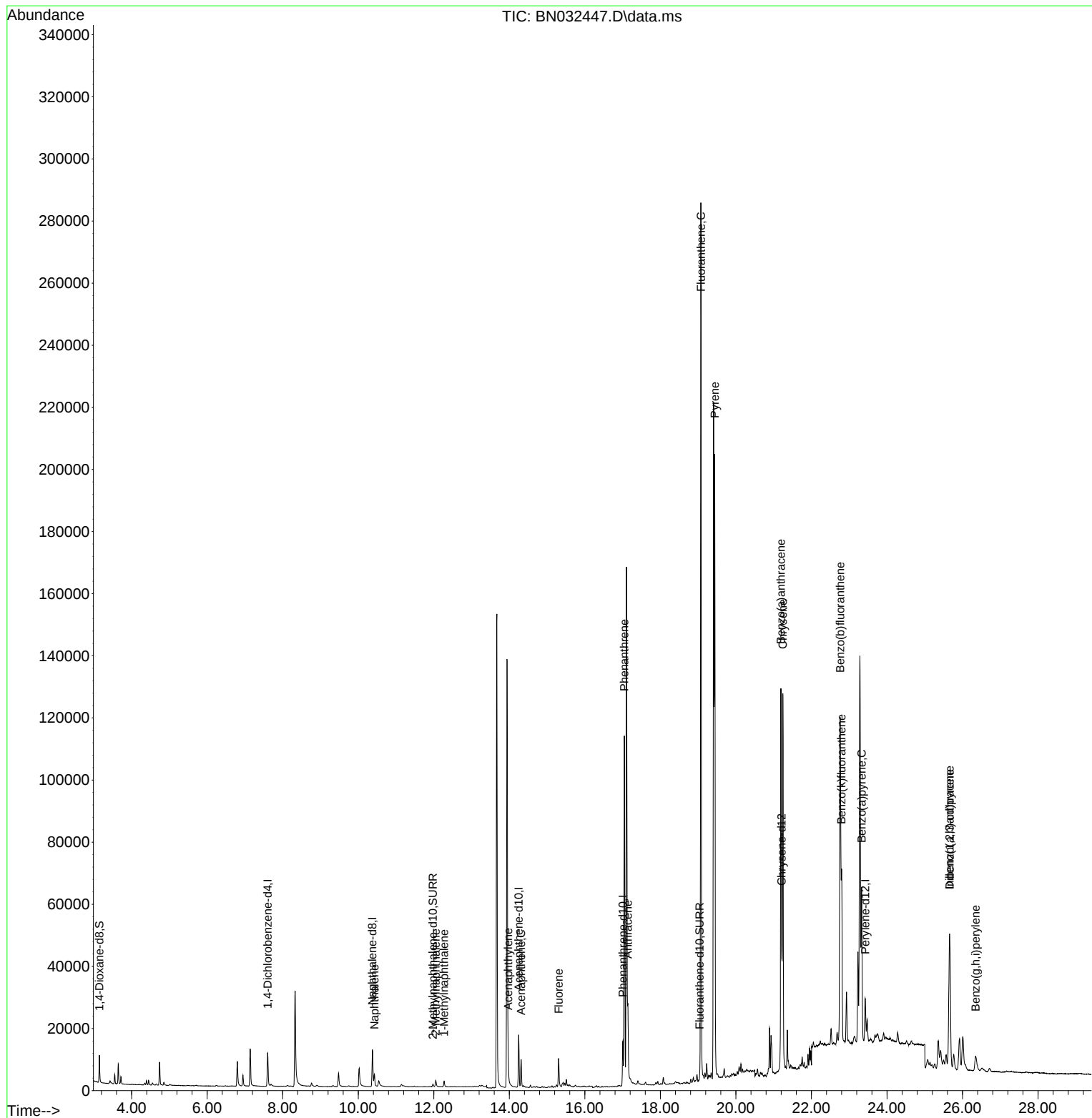
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032447.D
Acq On : 03 Jul 2024 21:47
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ALS Vial : 18 Sample Multiplier: 1

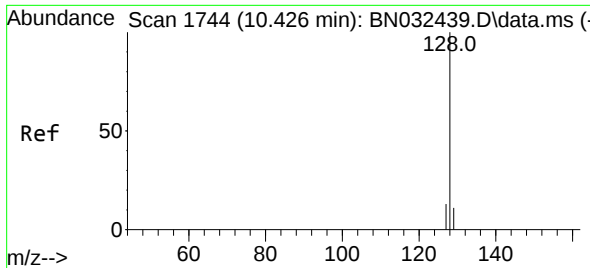
Instrument :
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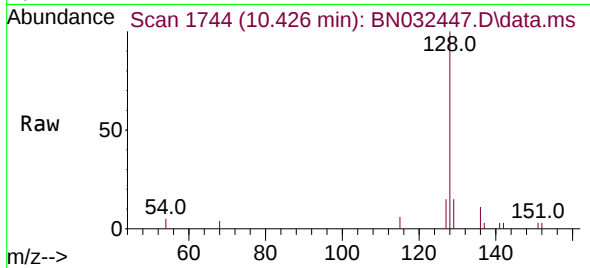
Quant Time: Jul 03 23:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.120 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

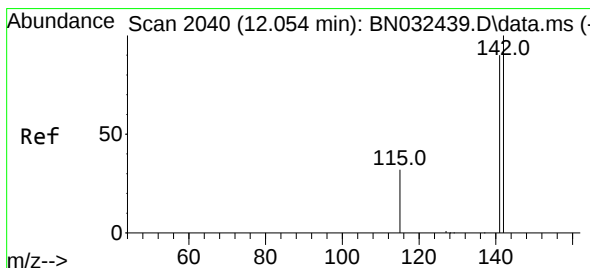
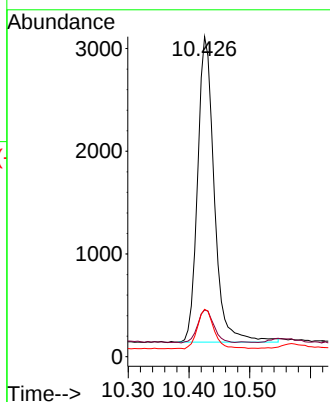
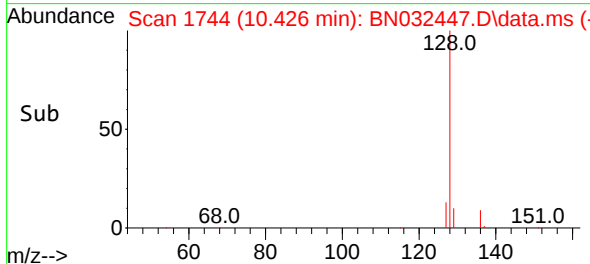
Instrument :
BNA_N
ClientSampleId :
A4C54DL



Tgt Ion:128 Resp: 5684
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8
127 14.8 10.8 16.2

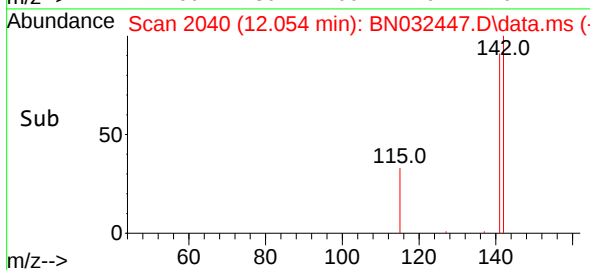
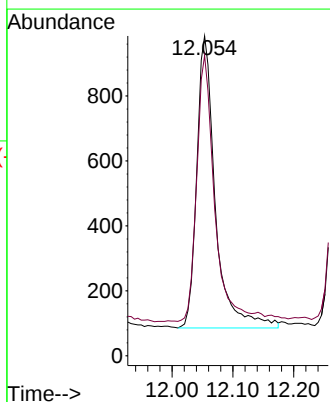
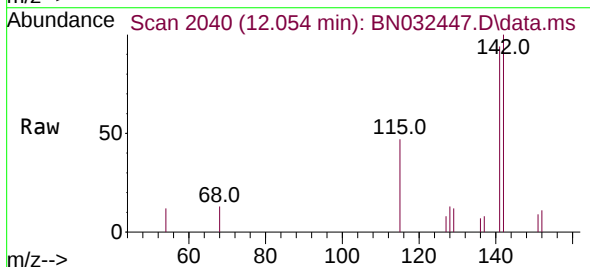
Manual Integrations
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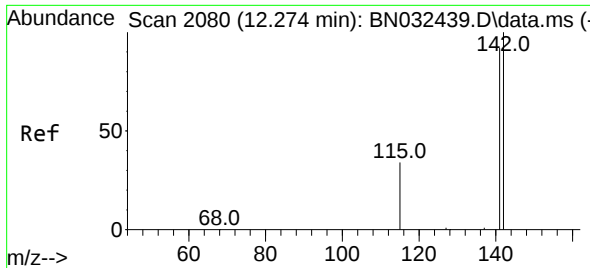
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

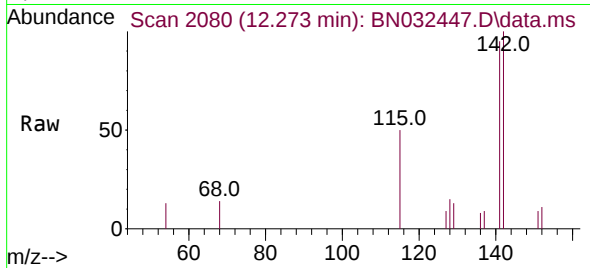
Tgt Ion:142 Resp: 1915
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

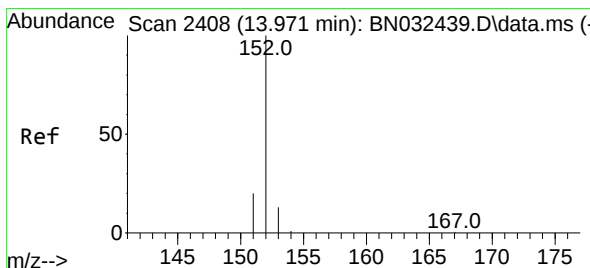
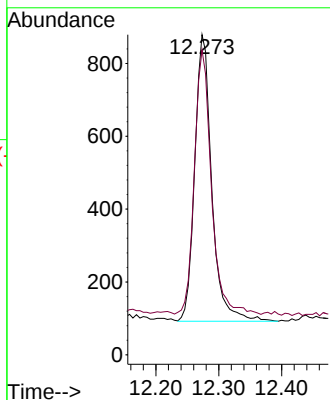
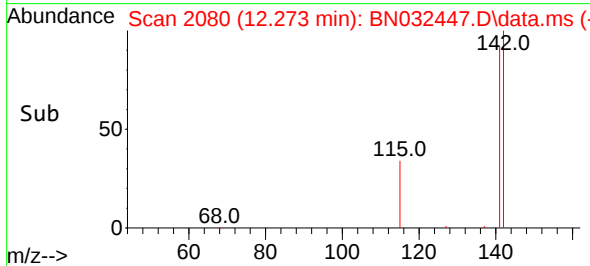
Instrument :
BNA_N
ClientSampleId :
A4C54DL



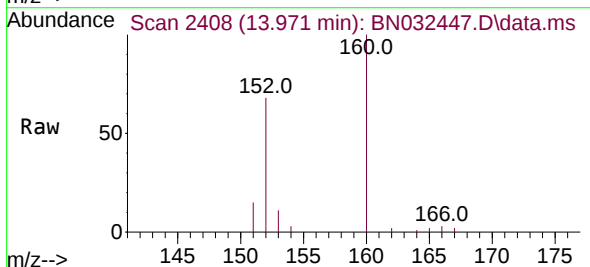
Tgt Ion:142 Resp: 1480
Ion Ratio Lower Upper
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141 92.0 73.4 110.0

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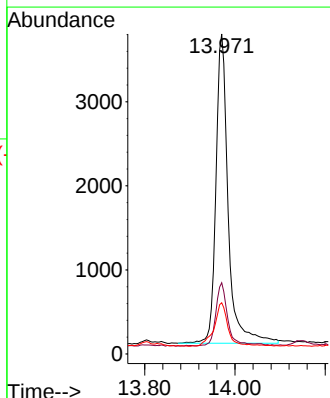
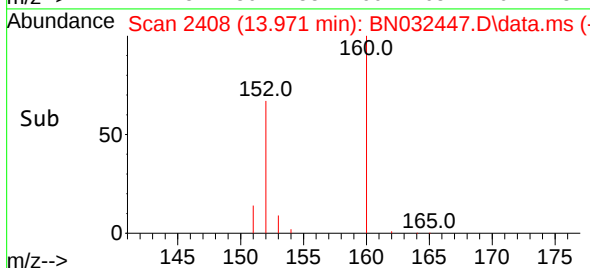
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

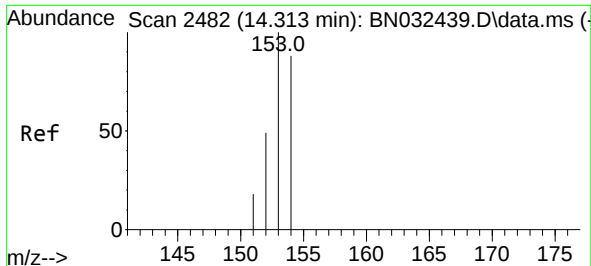


#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47



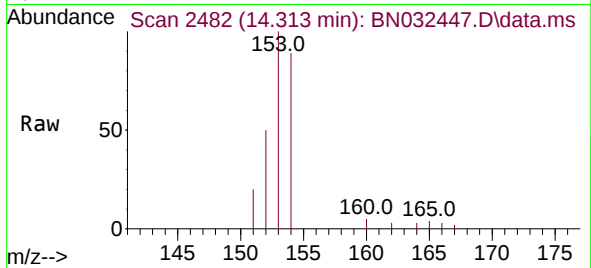
Tgt Ion:152 Resp: 6903
Ion Ratio Lower Upper
152 100
151 22.2 15.7 23.5
153 16.0 10.9 16.3





#11
Acenaphthene
Concen: 0.172 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

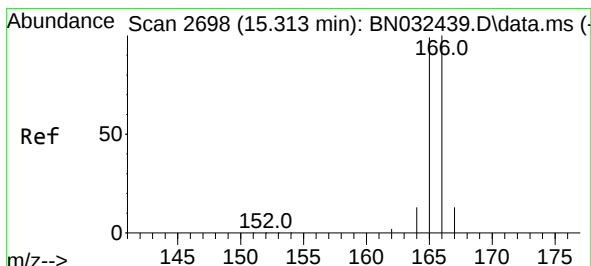
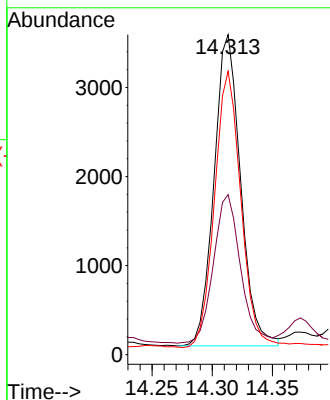
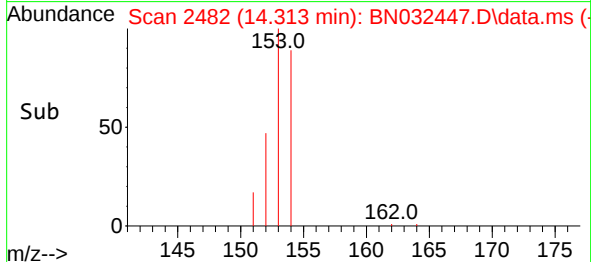
Instrument :
BNA_N
ClientSampleId :
A4C54DL



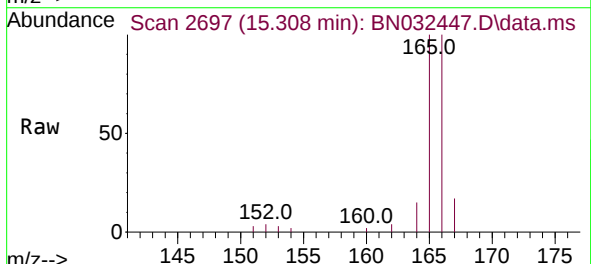
Tgt Ion:153 Resp: 5360
Ion Ratio Lower Upper
153 100
152 50.0 39.5 59.3
154 88.5 71.7 107.5

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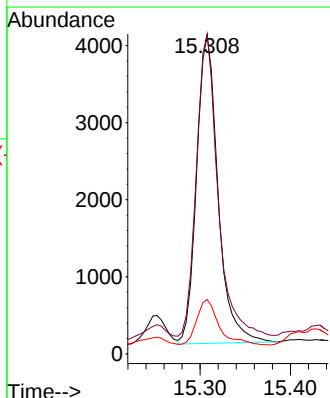
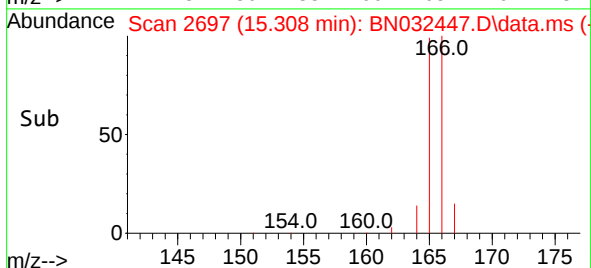
Reviewed By :Yogesh Patel 07/05/2024
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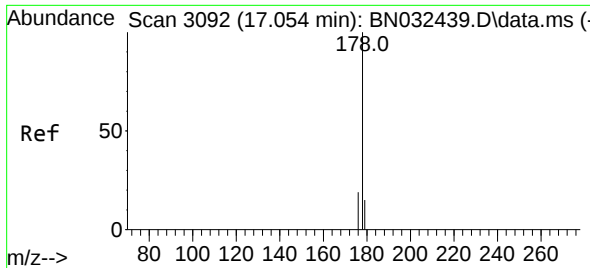


#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47



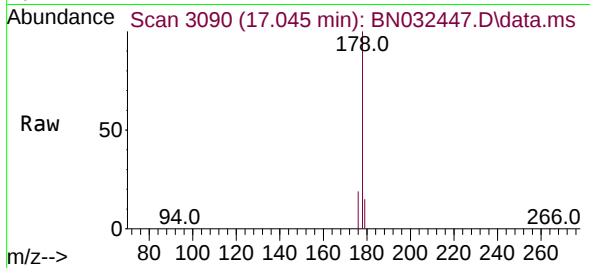
Tgt Ion:166 Resp: 6610
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.6
167 17.1 11.0 16.6#





#15
Phenanthrene
Concen: 2.523 ng/ul
RT: 17.045 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

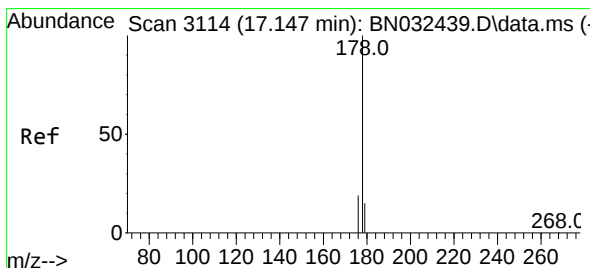
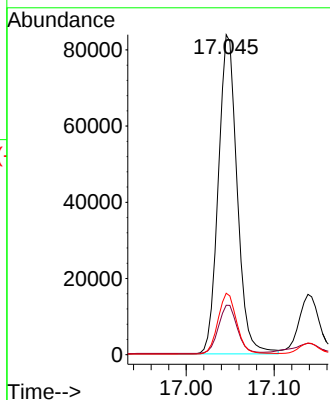
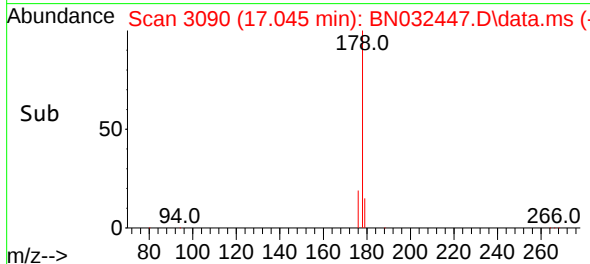
Instrument :
BNA_N
ClientSampleId :
A4C54DL



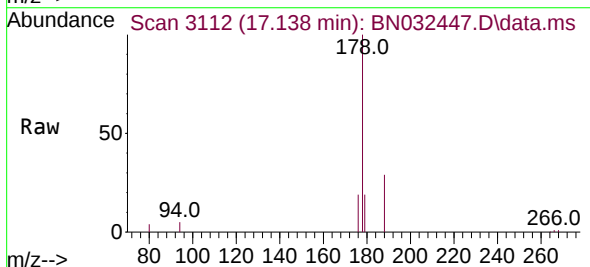
Tgt Ion:178 Resp: 12435
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

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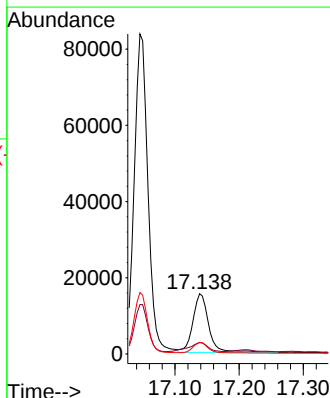
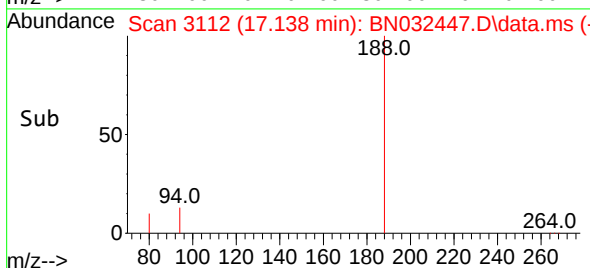
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

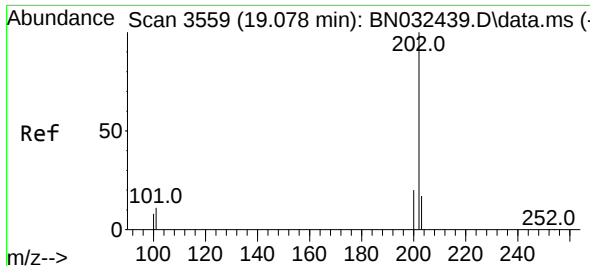


#16
Anthracene
Concen: 0.596 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47



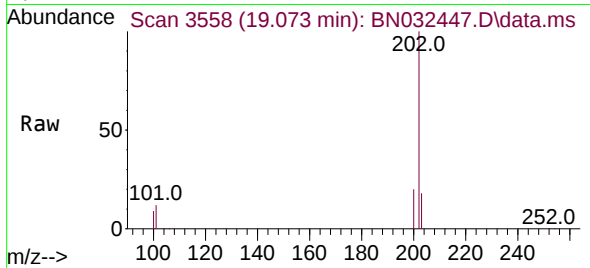
Tgt Ion:178 Resp: 26219
Ion Ratio Lower Upper
178 100
179 18.8 12.5 18.7#
176 19.4 15.0 22.6





#19
Fluoranthene
Concen: 4.280 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

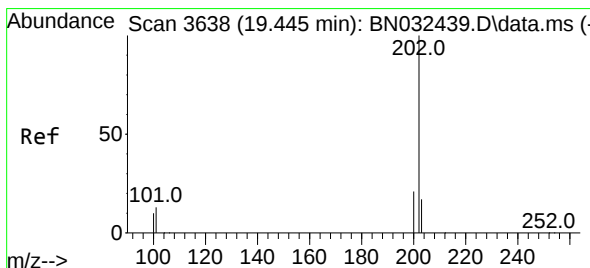
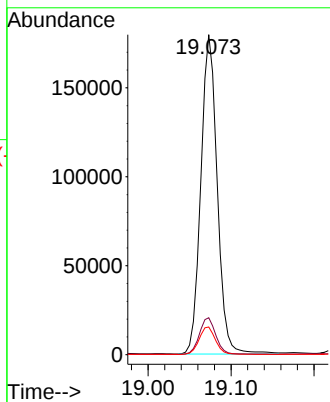
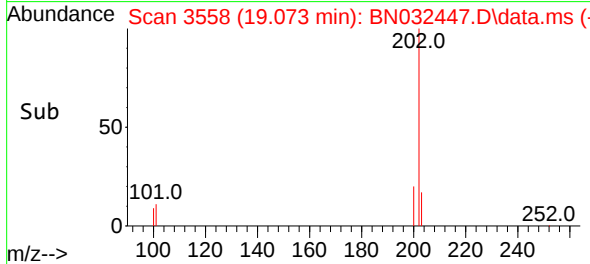
Instrument :
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A4C54DL



Tgt Ion:202 Resp: 247428
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.7 6.4 9.6

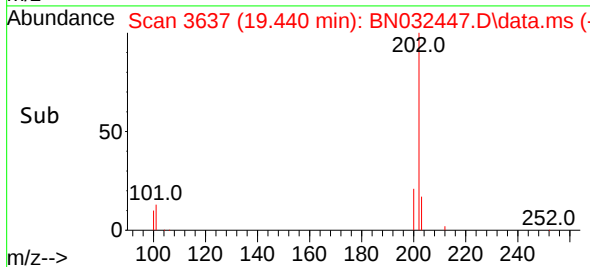
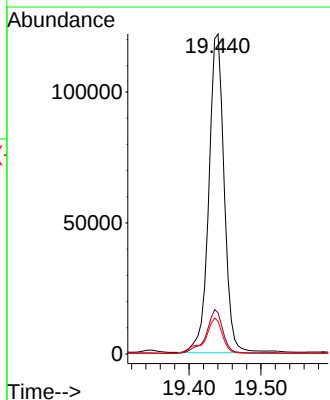
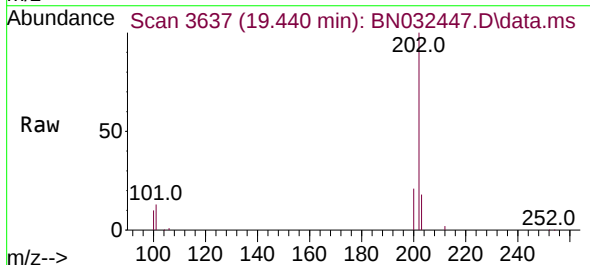
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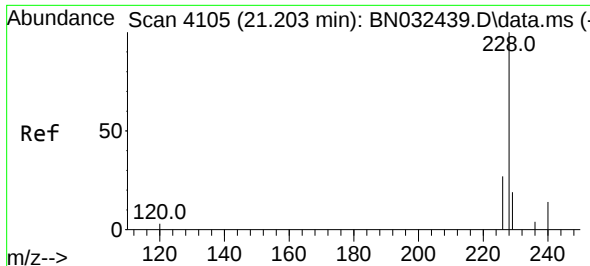
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.973 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

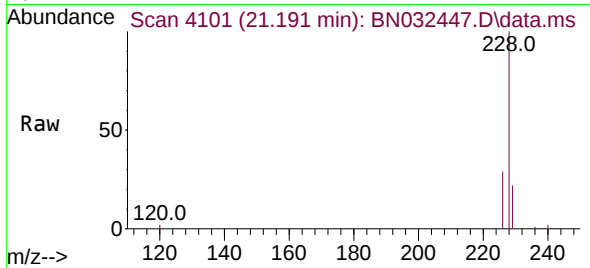
Tgt Ion:202 Resp: 179627
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.2 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.949 ng/ul
RT: 21.191 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

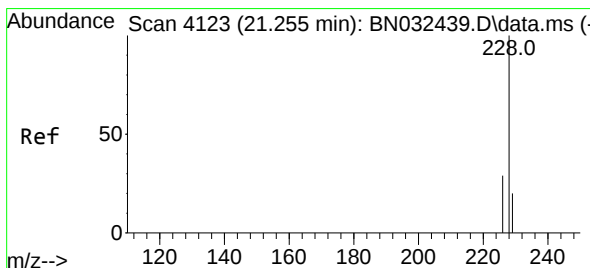
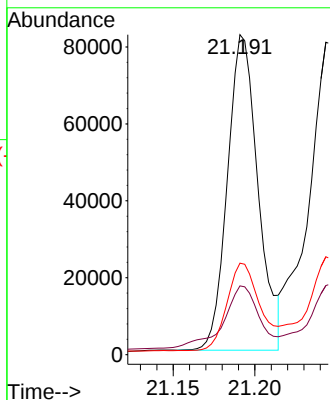
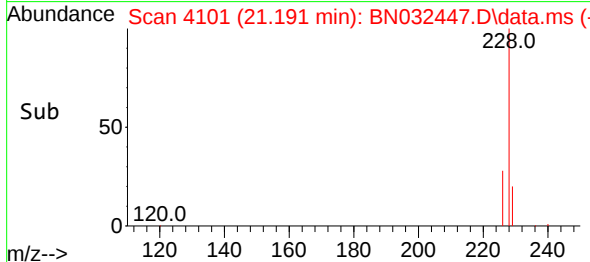
Instrument :
BNA_N
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A4C54DL



Tgt Ion:228 Resp: 106800
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.6 21.8 32.8

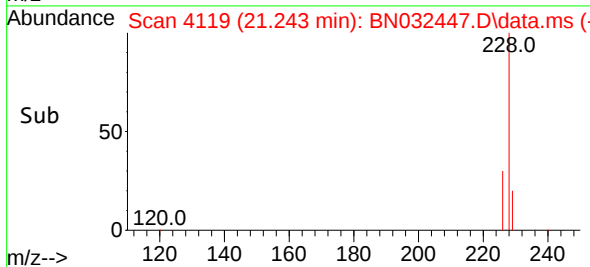
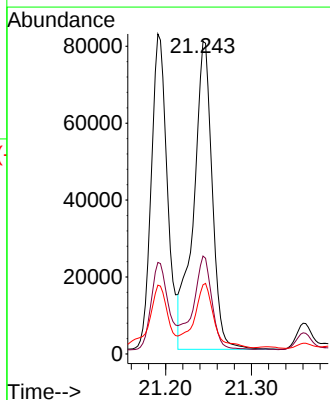
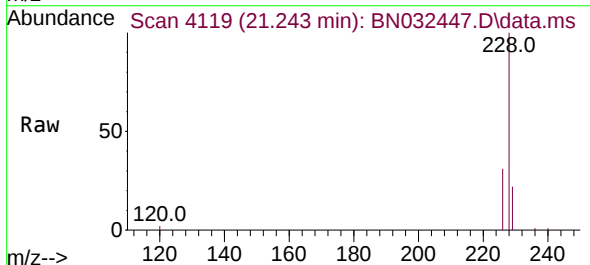
Manual Integrations
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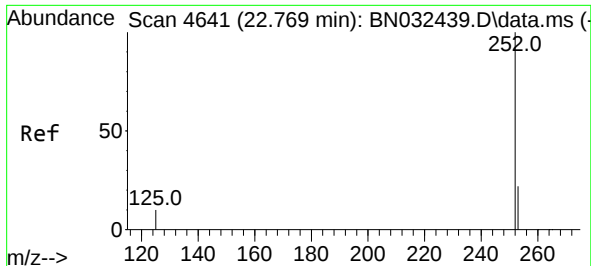
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 2.012 ng/ul
RT: 21.243 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

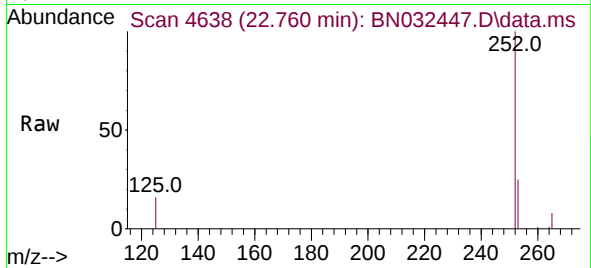
Tgt Ion:228 Resp: 121014
Ion Ratio Lower Upper
228 100
226 31.3 23.6 35.4
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.036 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

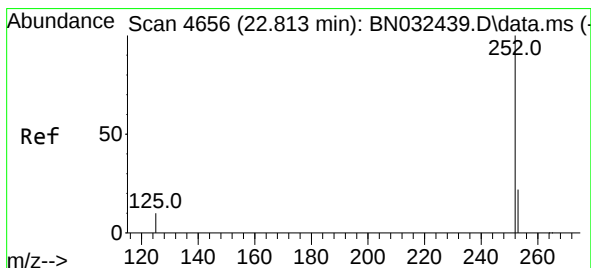
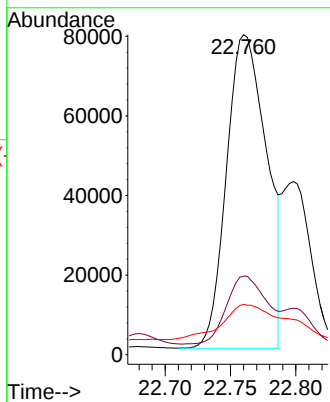
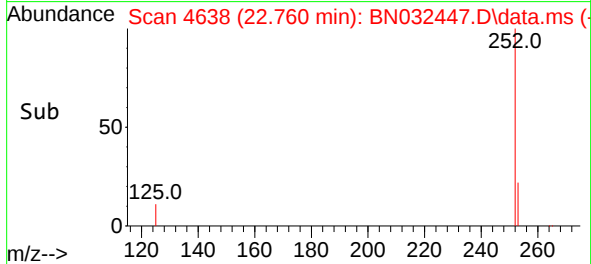
Instrument :
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Tgt Ion:252 Resp: 16837
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 15.7 0.0 32.0

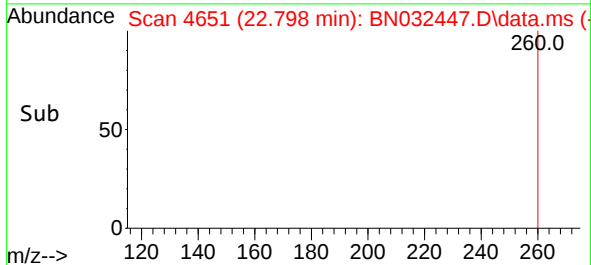
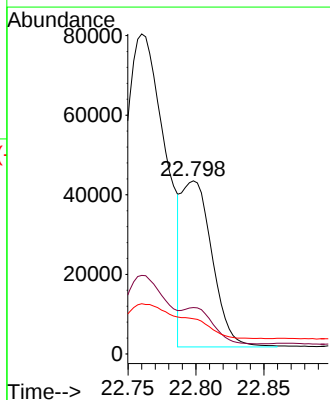
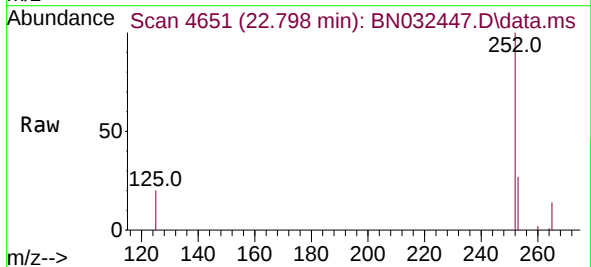
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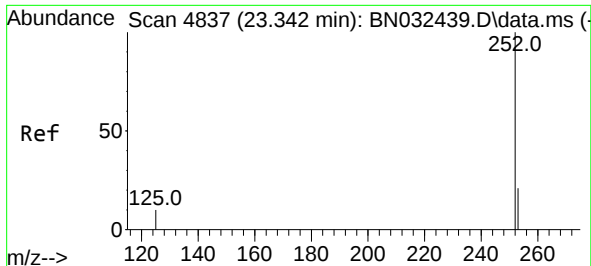
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.815 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

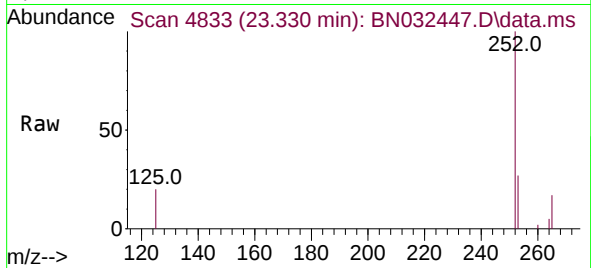
Tgt Ion:252 Resp: 65449
Ion Ratio Lower Upper
252 100
253 26.8 20.3 30.5
125 20.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.207 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. 0.003 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

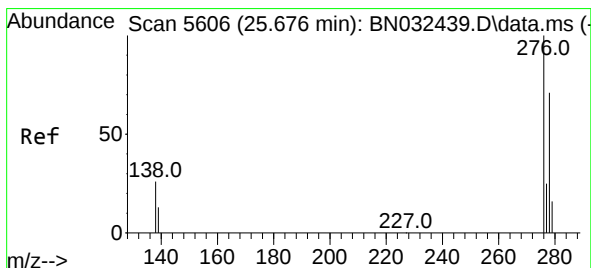
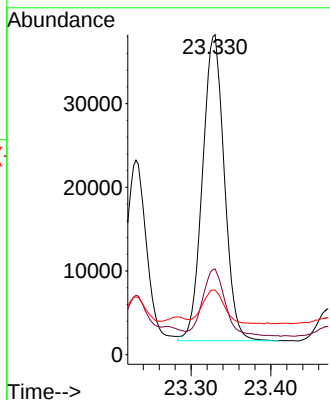
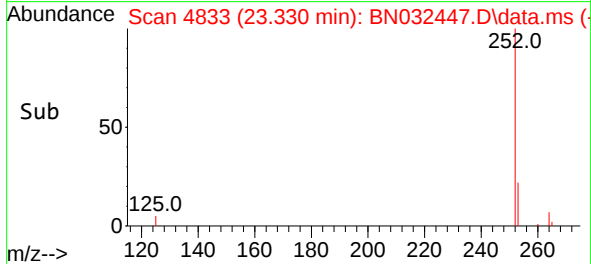
Instrument :
BNA_N
ClientSampleId :
A4C54DL



Tgt Ion:252 Resp: 69468
Ion Ratio Lower Upper
252 100
253 26.8 22.2 33.2
125 20.2 16.4 24.6

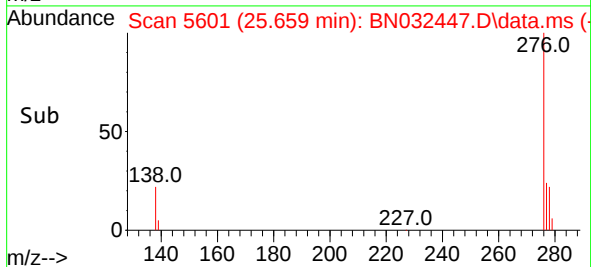
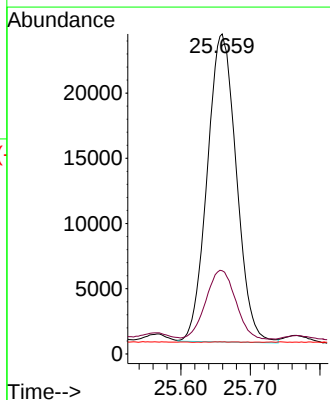
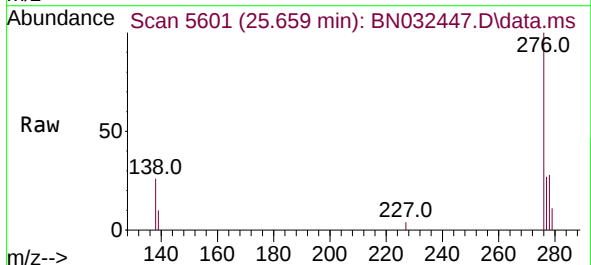
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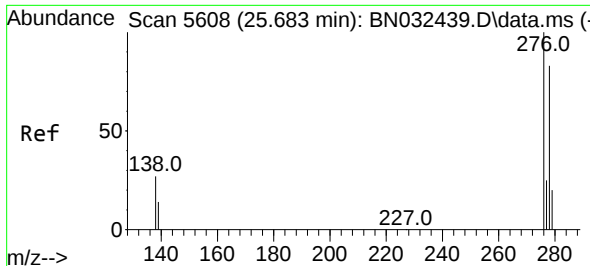
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.763 ng/ul
RT: 25.659 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

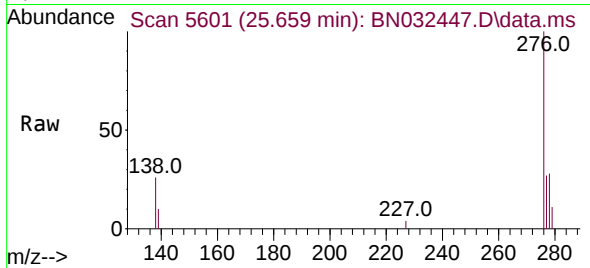
Tgt Ion:276 Resp: 68770
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 25.659 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

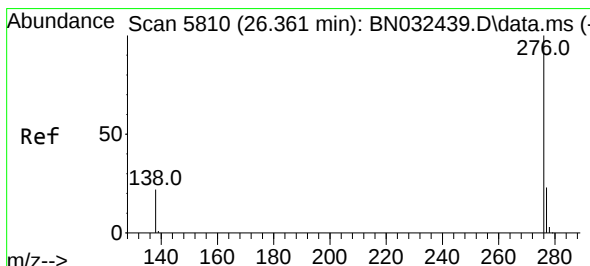
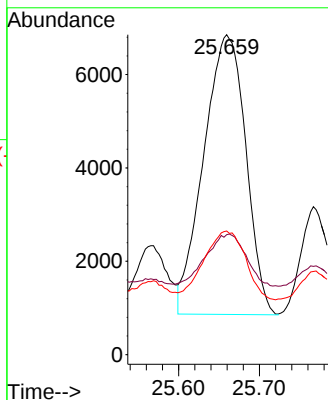
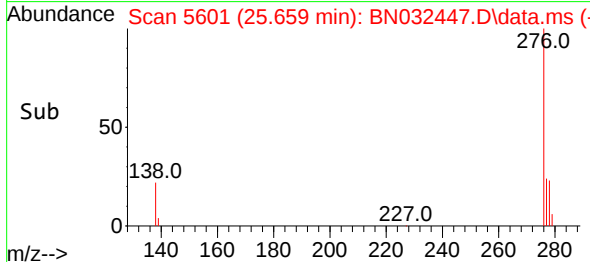
Instrument :
BNA_N
ClientSampleId :
A4C54DL



Tgt Ion:278 Resp: 21720
Ion Ratio Lower Upper
278 100
139 37.5 15.9 23.9#
279 38.6 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: 0.148 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032447.D
Acq: 03 Jul 2024 21:47

Tgt Ion:276 Resp: 10604
Ion Ratio Lower Upper
276 100
138 45.2 19.8 29.6#
277 42.3 19.8 29.6#

