

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032448.D
 Acq On : 03 Jul 2024 22:23
 Operator : MA/JU
 Sample : P2871-08DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C57DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:50:45 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	7087	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	20971	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	11414	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20340	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	16700	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	21166	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	6601	0.838	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1893	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	3270	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	11370	0.205	ng/ul	98
7) 2-Methylnaphthalene	12.048	142	4831	0.131	ng/ul	100
8) 1-Methylnaphthalene	12.274	142	3618	0.095	ng/ul	99
10) Acenaphthylene	13.971	152	21341	0.450	ng/ul	99
11) Acenaphthene	14.313	153	8461	0.230	ng/ul	100
12) Fluorene	15.308	166	9610	0.219	ng/ul#	97
15) Phenanthrene	17.046	178	186327	3.341	ng/ul	99
16) Anthracene	17.139	178	43719	0.879	ng/ul	99
19) Fluoranthene	19.073	202	319831	5.029	ng/ul	99
20) Pyrene	19.436	202	255971	3.852	ng/ul	100
21) Benzo(a)anthracene	21.191	228	152865	2.536	ng/ul	97
22) Chrysene	21.244	228	162447	2.455	ng/ul	96
24) Benzo(b)fluoranthene	22.757	252	223342m	2.429	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	81453m	0.912	ng/ul	
26) Benzo(a)pyrene	23.325	252	100748	1.575	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.660	276	96491	0.963	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.660	278	31178	0.419	ng/ul#	75
29) Benzo(g,h,i)perylene	26.347	276	14433	0.181	ng/ul#	74

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

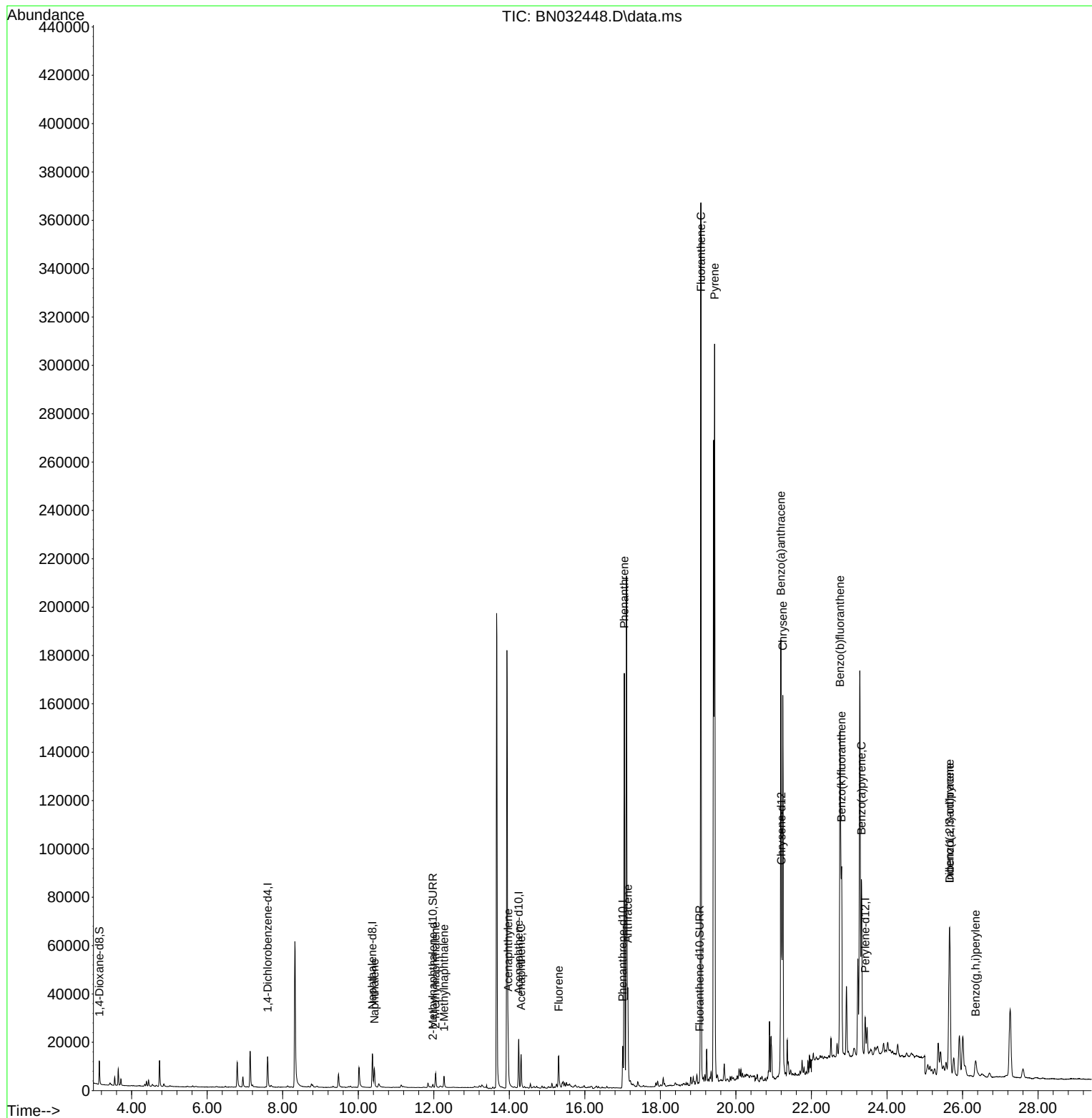
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032448.D
Acq On : 03 Jul 2024 22:23
Operator : MA/JU
Sample : P2871-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

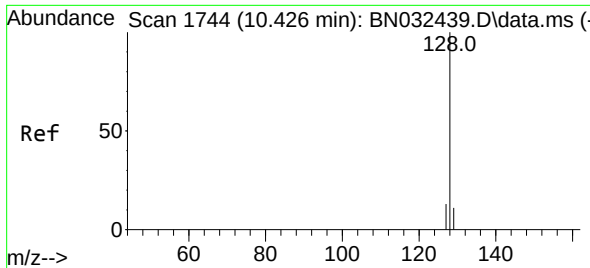
Instrument :
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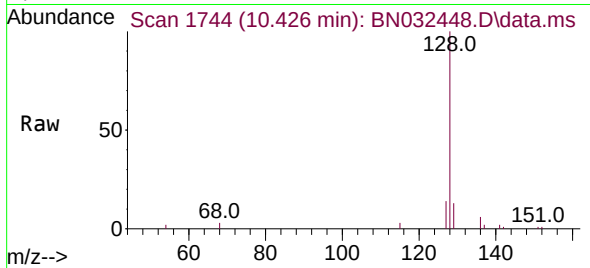
Quant Time: Jul 03 23:50:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

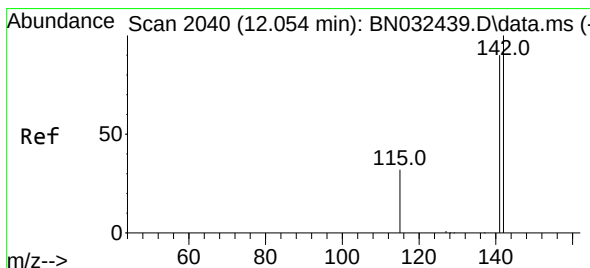
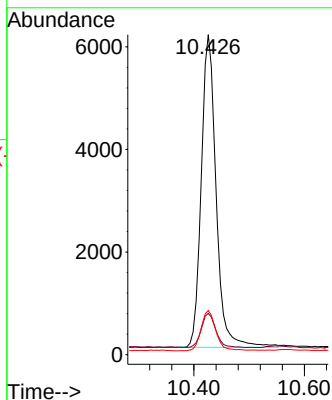
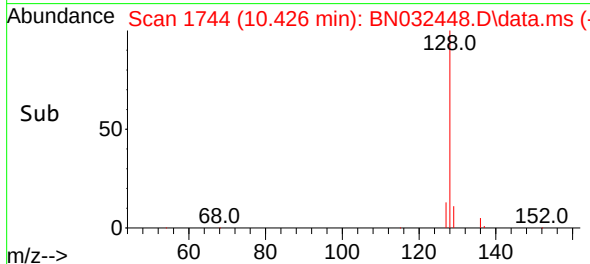
Instrument :
BNA_N
ClientSampleId :
A4C57DL



Tgt Ion:128 Resp: 11370
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.8 10.8 16.2

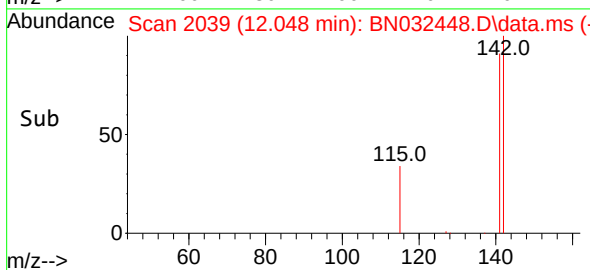
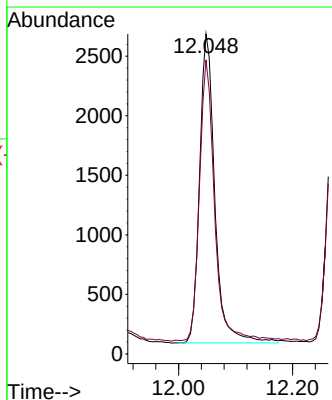
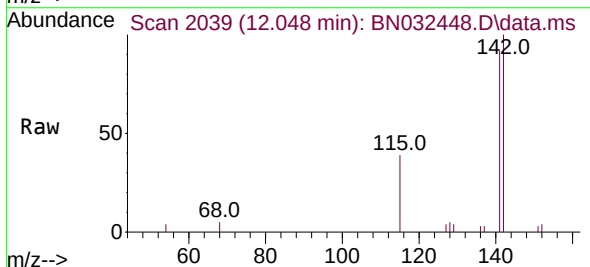
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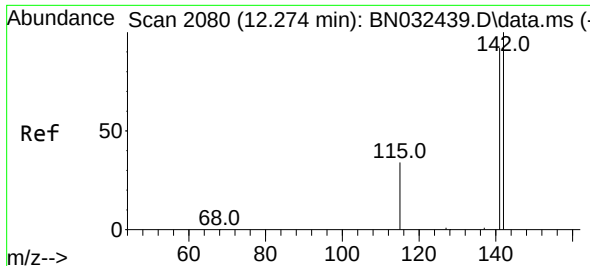
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

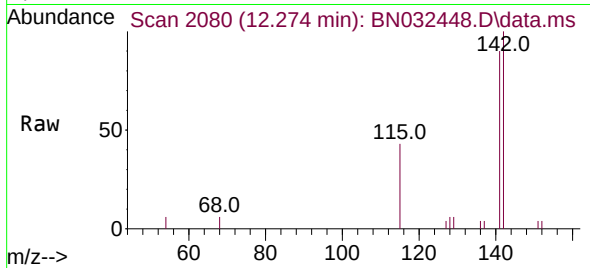
Tgt Ion:142 Resp: 4831
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

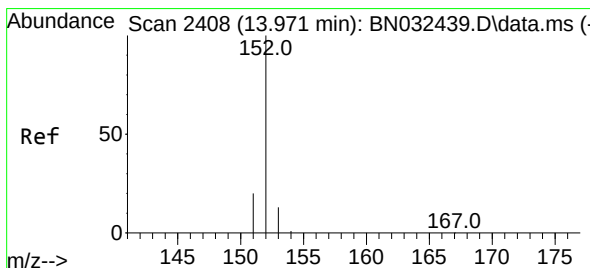
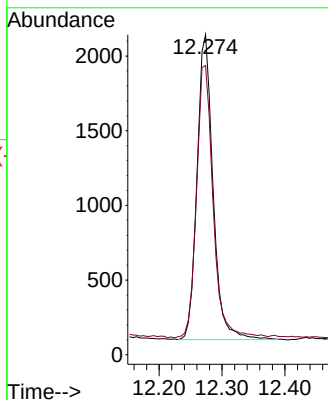
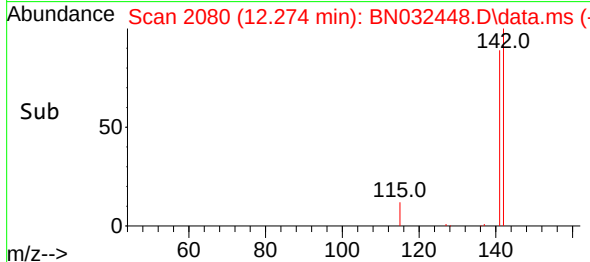
Instrument :
BNA_N
ClientSampleId :
A4C57DL



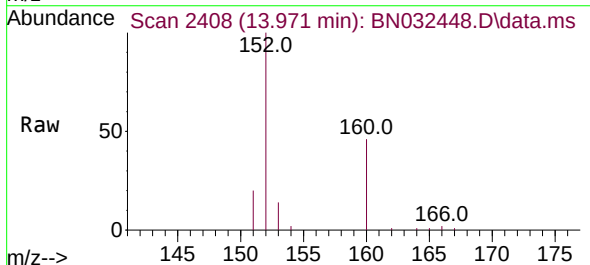
Tgt Ion:142 Resp: 3618
Ion Ratio Lower Upper
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141 92.5 73.4 110.0

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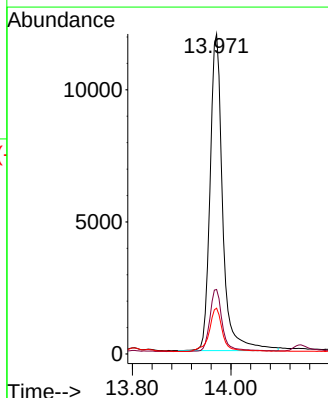
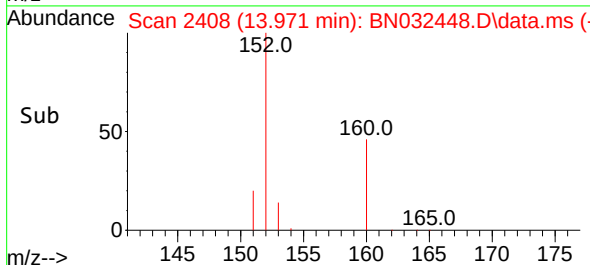
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

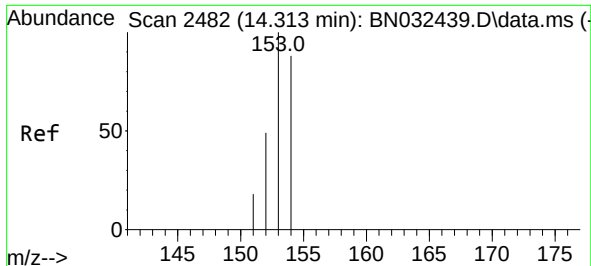


#10
Acenaphthylene
Concen: 0.450 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23



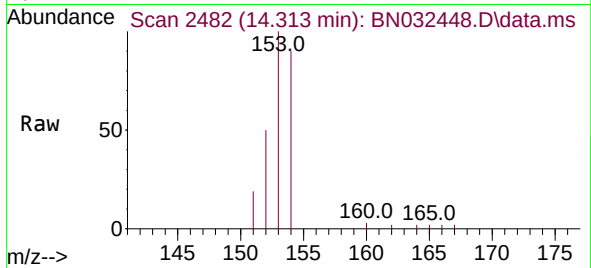
Tgt Ion:152 Resp: 21341
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.230 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

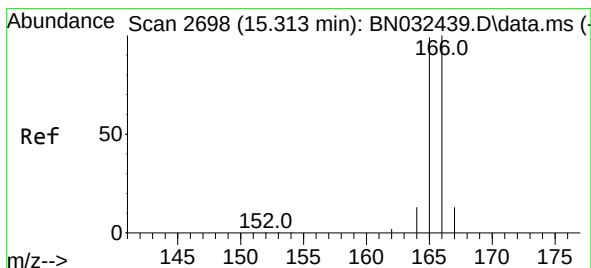
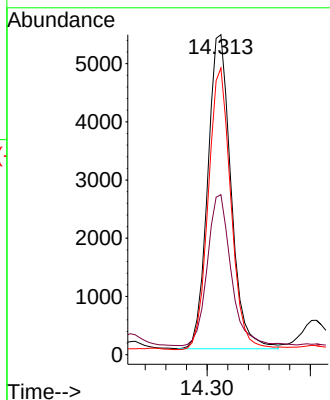
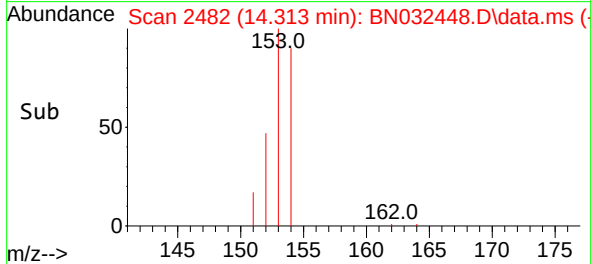
Instrument :
BNA_N
ClientSampleId :
A4C57DL



Tgt Ion:153 Resp: 846
Ion Ratio Lower Upper
153 100
152 50.0 39.5 59.3
154 89.6 71.7 107.5

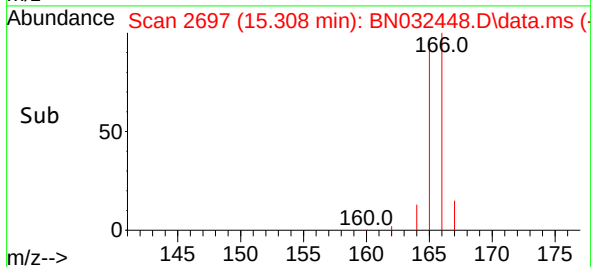
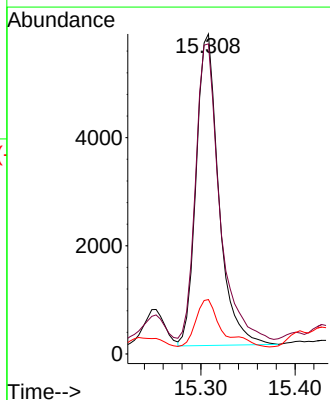
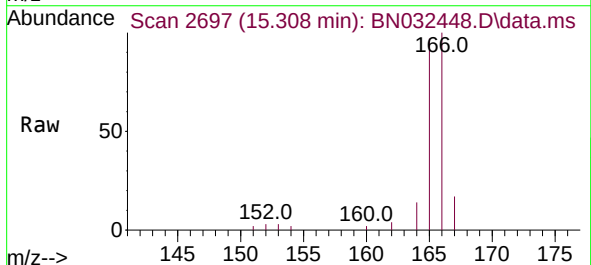
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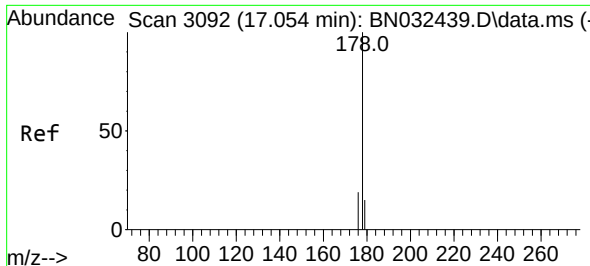
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.219 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

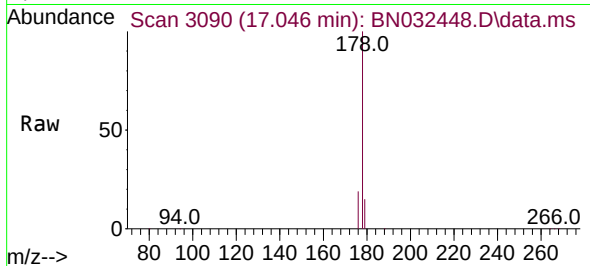
Tgt Ion:166 Resp: 9610
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 17.0 11.0 16.6#





#15
Phenanthrene
Concen: 3.341 ng/ul
RT: 17.046 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

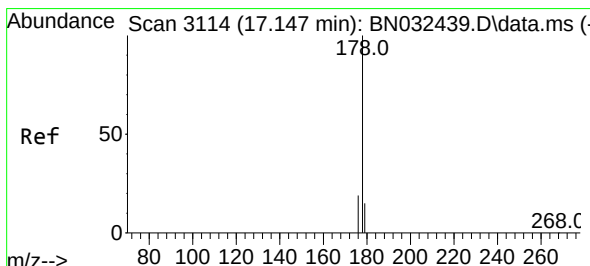
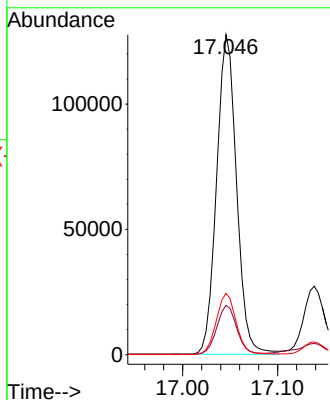
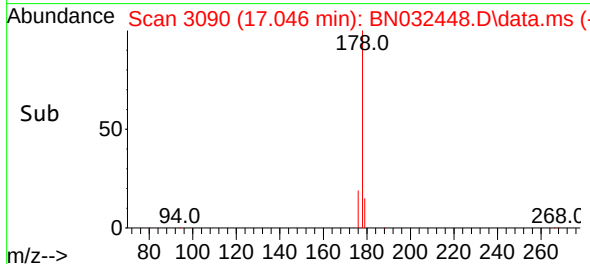
Instrument :
BNA_N
ClientSampleId :
A4C57DL



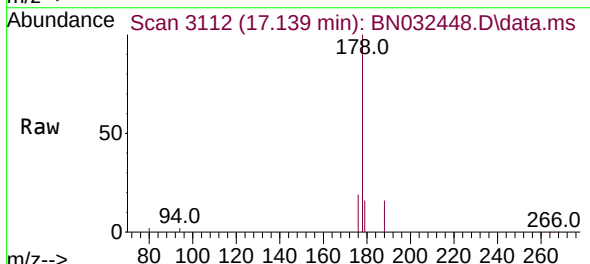
Tgt Ion:178 Resp: 18632
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

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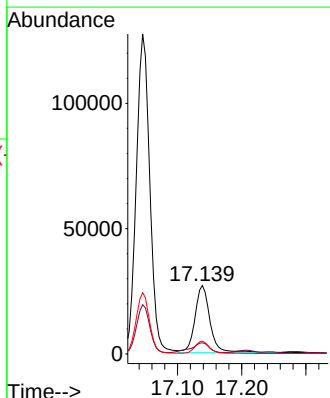
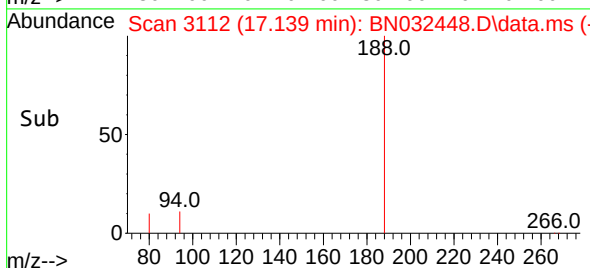
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

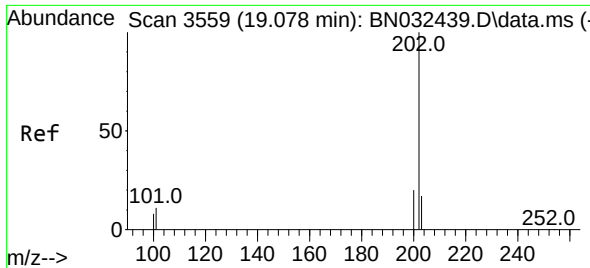


#16
Anthracene
Concen: 0.879 ng/ul
RT: 17.139 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23



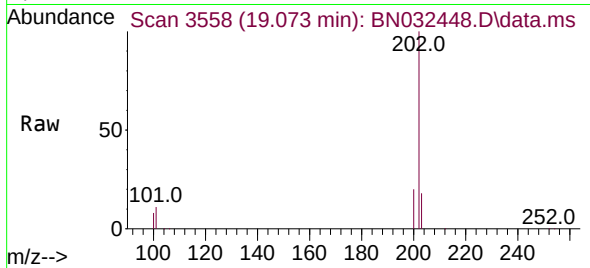
Tgt Ion:178 Resp: 43719
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 5.029 ng/u1
RT: 19.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

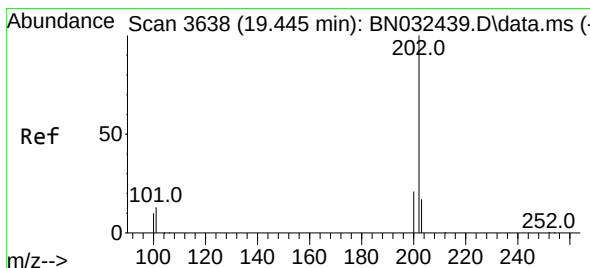
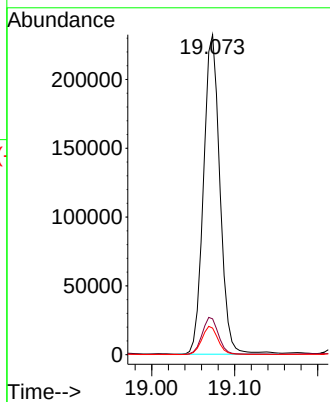
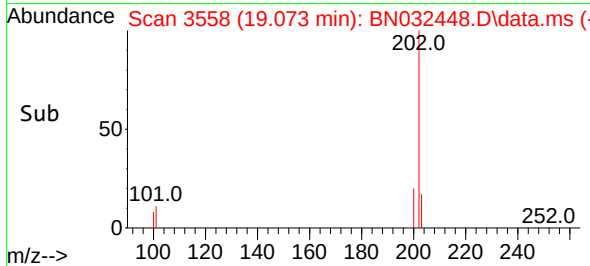
Instrument :
BNA_N
ClientSampleId :
A4C57DL



Tgt Ion:202 Resp: 31983
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.4 9.6

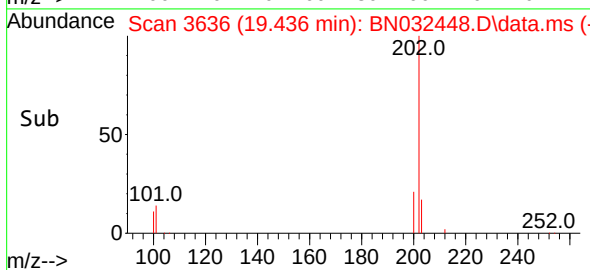
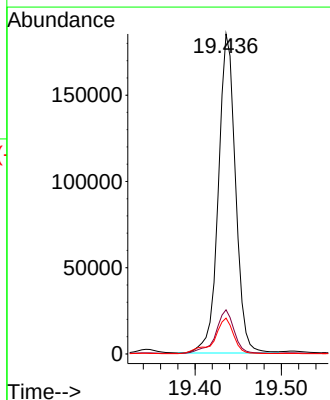
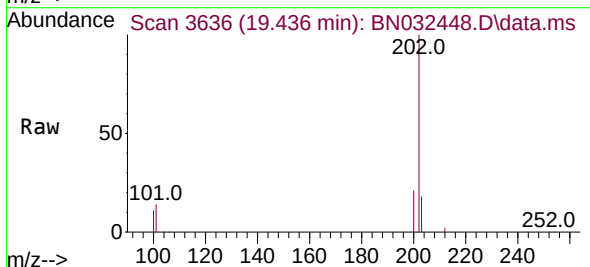
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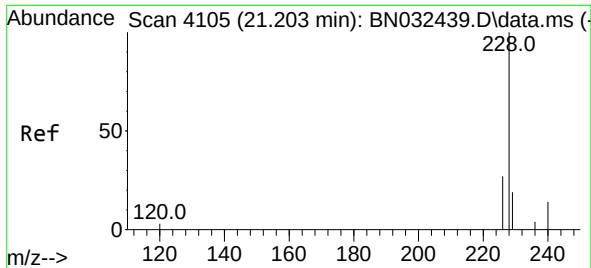
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 3.852 ng/u1
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

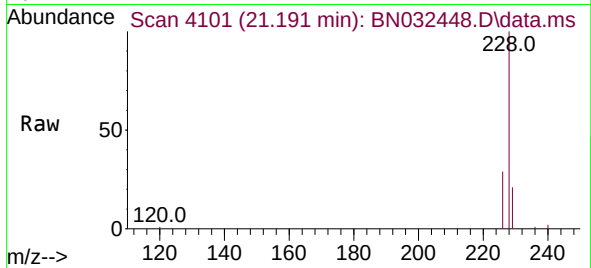
Tgt Ion:202 Resp: 255971
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.2 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.536 ng/ul
RT: 21.191 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

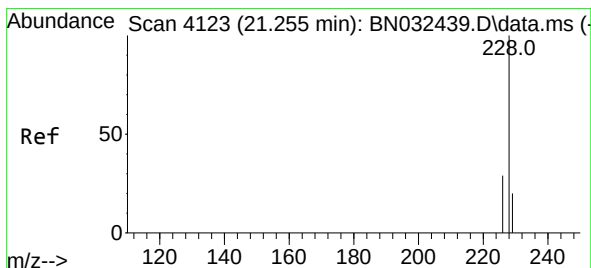
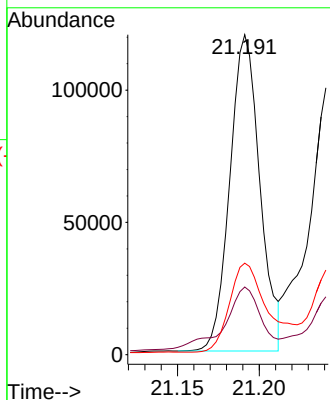
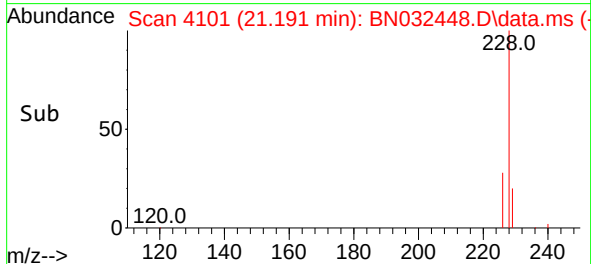
Instrument :
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Tgt Ion:228 Resp: 15286
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.6 21.8 32.8

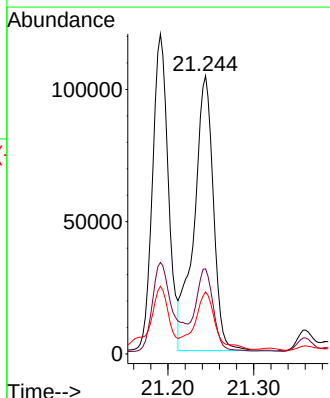
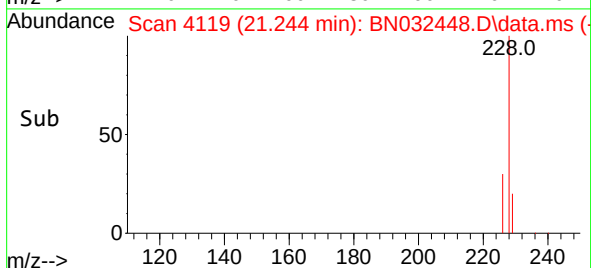
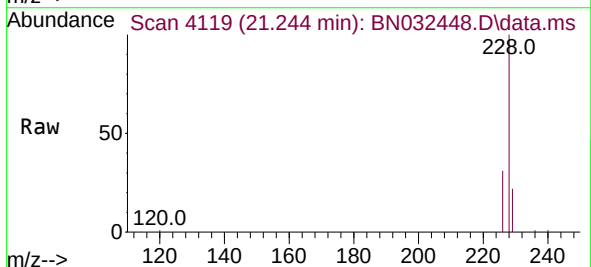
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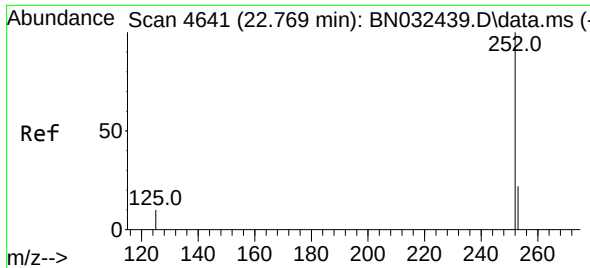
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 2.455 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

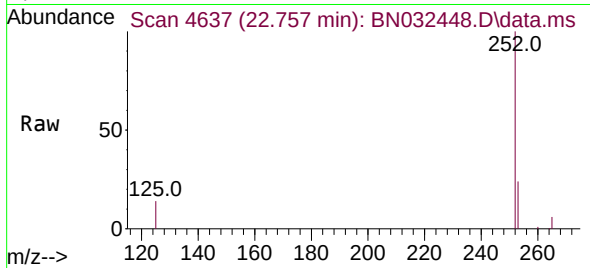
Tgt Ion:228 Resp: 162447
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.429 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

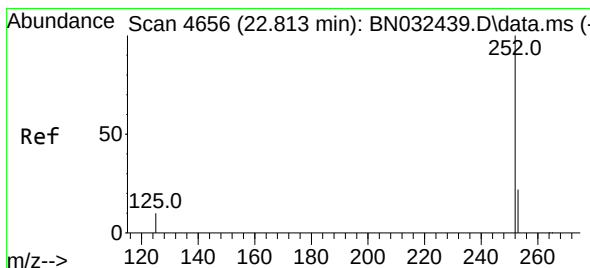
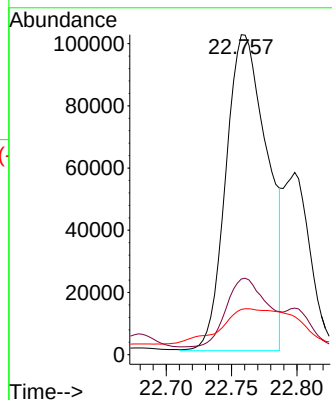
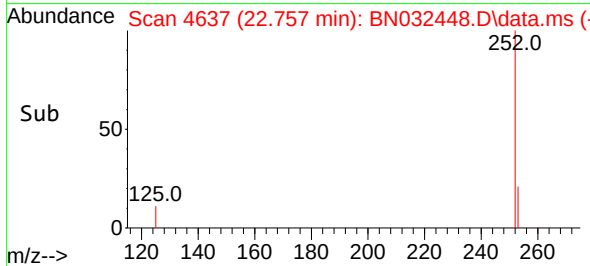
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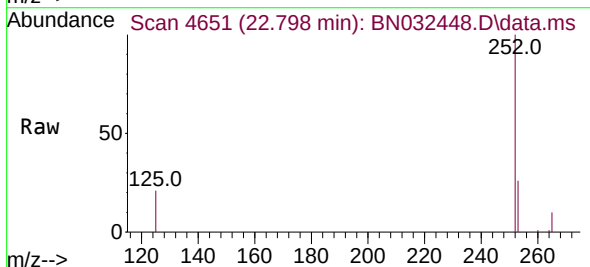
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Ion Ratio Lower Upper
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253 23.7 0.0 50.2
125 14.2 0.0 32.0

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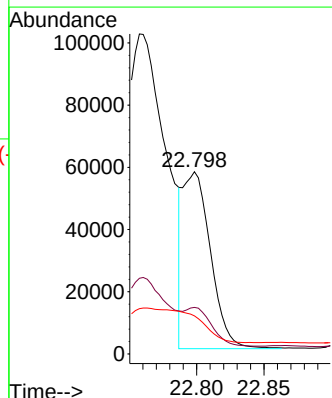
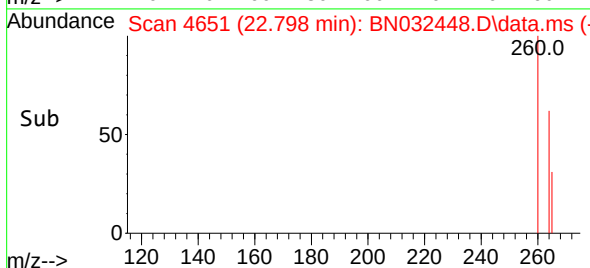
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

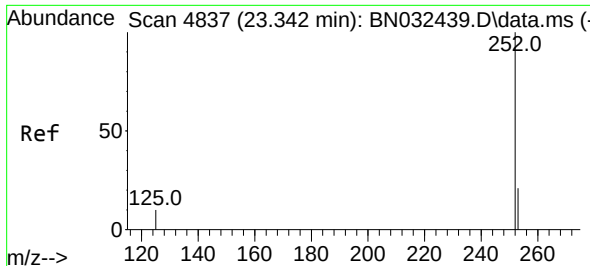


#25
Benzo(k)fluoranthene
Concen: 0.912 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23



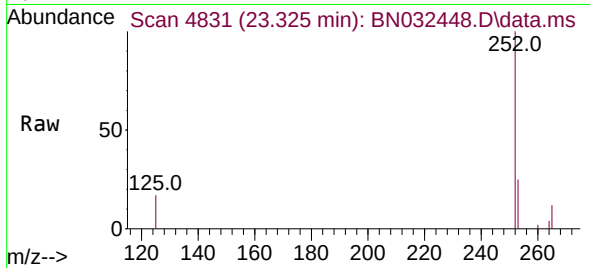
Tgt Ion:252 Resp: 81453
Ion Ratio Lower Upper
252 100
253 25.5 20.3 30.5
125 20.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.575 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

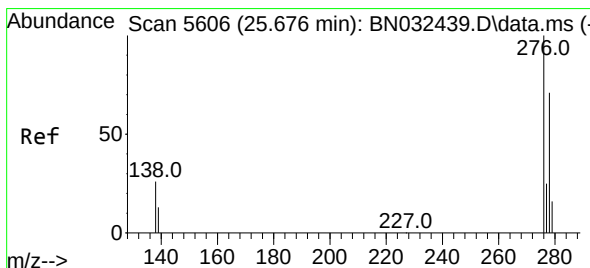
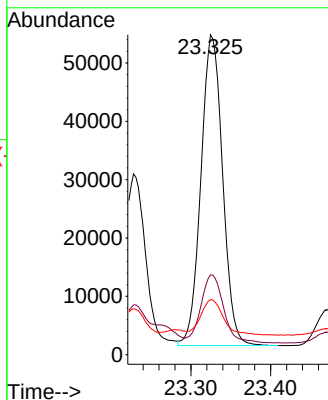
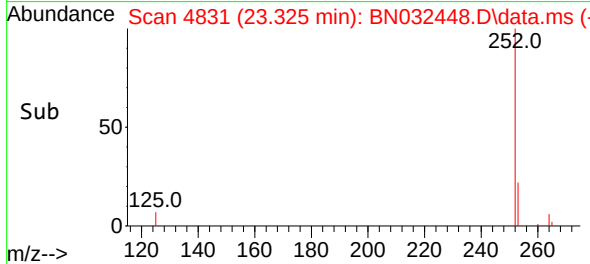
Instrument :
BNA_N
ClientSampleId :
A4C57DL



Tgt Ion:252 Resp: 100748
Ion Ratio Lower Upper
252 100
253 25.0 22.2 33.2
125 17.2 16.4 24.6

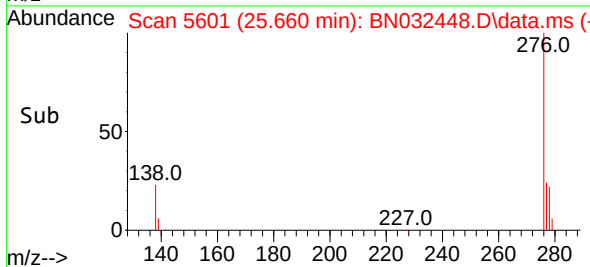
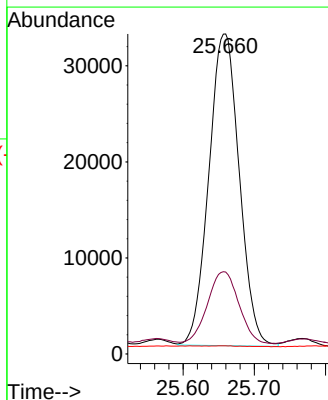
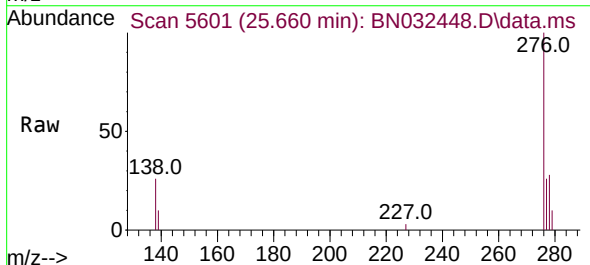
Manual Integrations
APPROVED

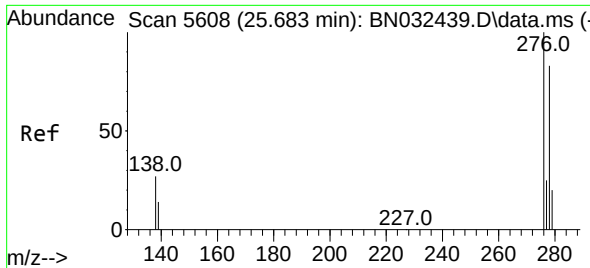
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.963 ng/ul
RT: 25.660 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

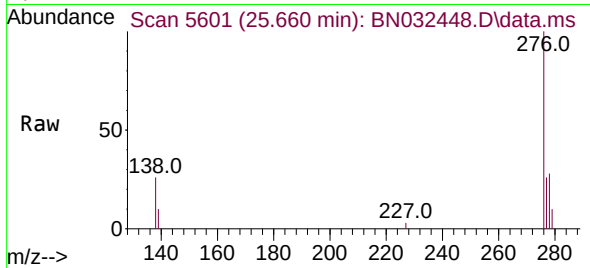
Tgt Ion:276 Resp: 96491
Ion Ratio Lower Upper
276 100
138 23.8 21.3 31.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 25.660 min Scan# 5608
Delta R.T. -0.007 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23

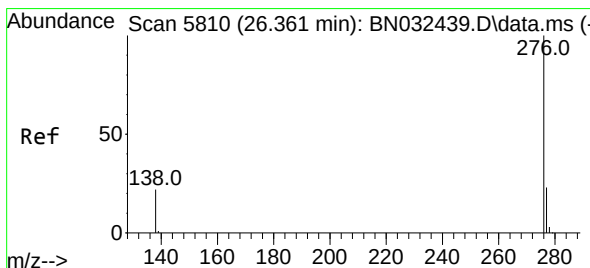
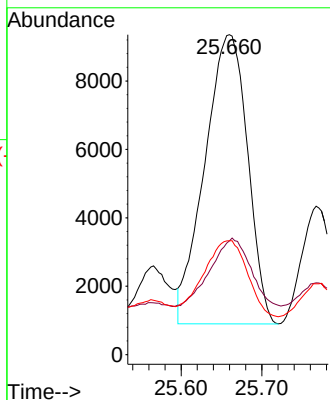
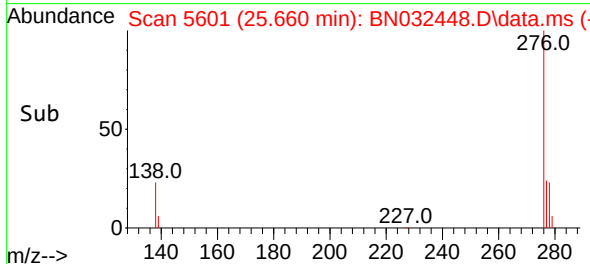
Instrument :
BNA_N
ClientSampleId :
A4C57DL



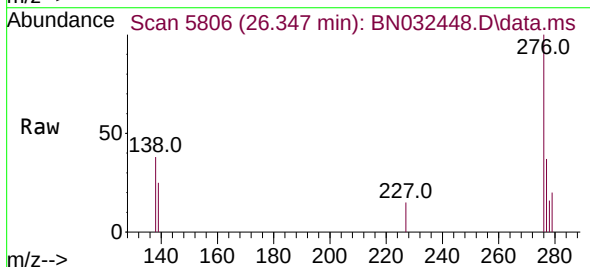
Tgt Ion:278 Resp: 31178
Ion Ratio Lower Upper
278 100
139 35.5 15.9 23.9#
279 35.6 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032448.D
Acq: 03 Jul 2024 22:23



Tgt Ion:276 Resp: 14433
Ion Ratio Lower Upper
276 100
138 38.3 19.8 29.6#
277 36.9 19.8 29.6#

