

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032522.D
 Acq On : 05 Jul 2024 23:44
 Operator : MA/JU
 Sample : P2964-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 00:08:58 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	7.595	152	5836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	16142	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8477	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	15603	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	14847	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	18374	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3165	0.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	625	0.026	ng/ul	0.01
18) Fluoranthene-d10	19.036	212	1309	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	1012	0.024	ng/ul#	68
10) Acenaphthylene	13.966	152	1280	0.036	ng/ul#	78
11) Acenaphthene	14.309	153	1227	0.045	ng/ul	97
12) Fluorene	15.303	166	1488	0.046	ng/ul#	94
15) Phenanthrene	17.041	178	21234	0.496	ng/ul	99
16) Anthracene	17.134	178	4734	0.124	ng/ul#	89
19) Fluoranthene	19.069	202	33866	0.599	ng/ul	98
20) Pyrene	19.431	202	25104	0.425	ng/ul	98
21) Benzo(a)anthracene	21.191	228	17786	0.332	ng/ul	95
22) Chrysene	21.244	228	15557	0.265	ng/ul	94
24) Benzo(b)fluoranthene	22.757	252	23820m	0.298	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	8717m	0.112	ng/ul	
26) Benzo(a)pyrene	23.322	252	9160	0.165	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.660	276	8894	0.102	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.656	278	2757	0.043	ng/ul#	26
29) Benzo(g,h,i)perylene	26.347	276	1438	0.021	ng/ul#	20

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

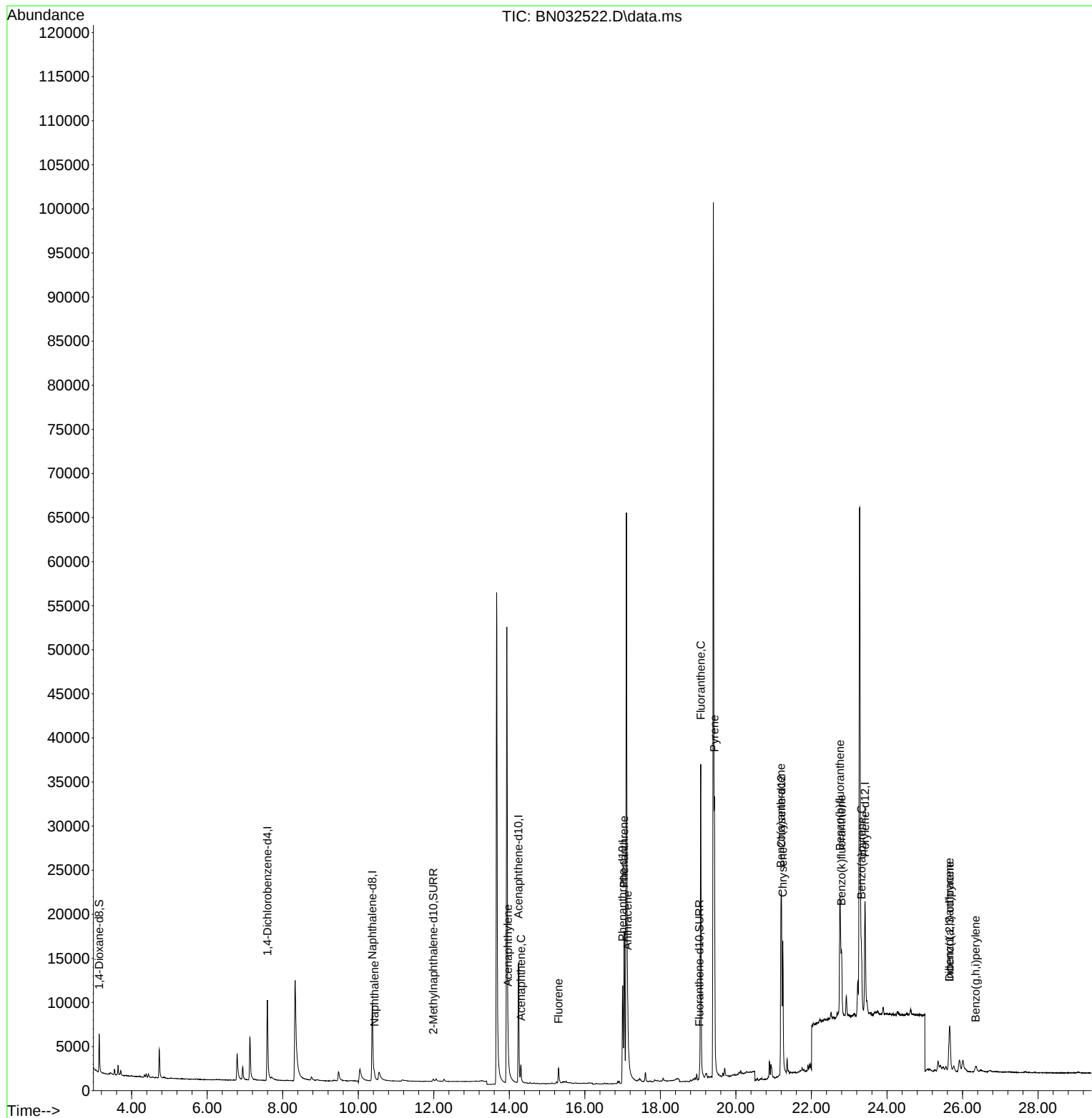
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032522.D
Acq On : 05 Jul 2024 23:44
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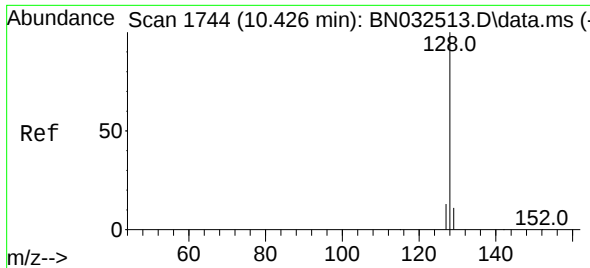
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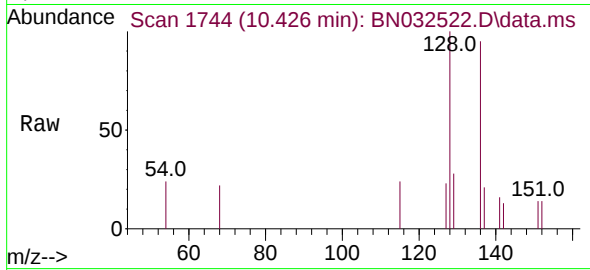
Quant Time: Jul 06 00:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

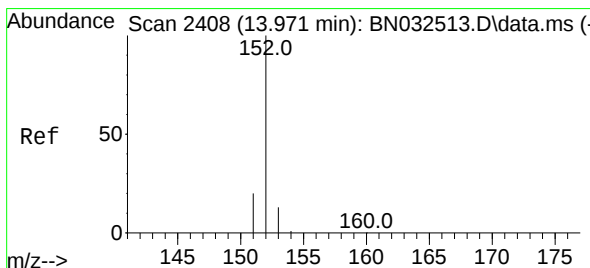
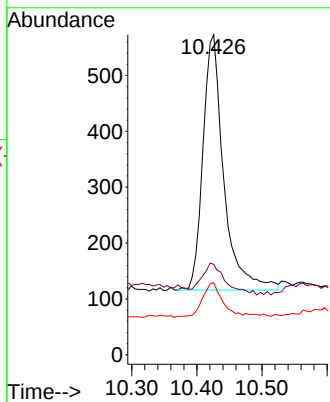
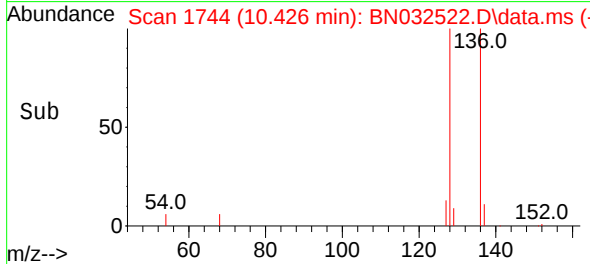
Instrument :
BNA_N
ClientSampleId :
A4CT6DL



Tgt Ion:128 Resp: 1012
Ion Ratio Lower Upper
128 100
129 28.3 9.2 13.8#
127 22.5 10.8 16.2#

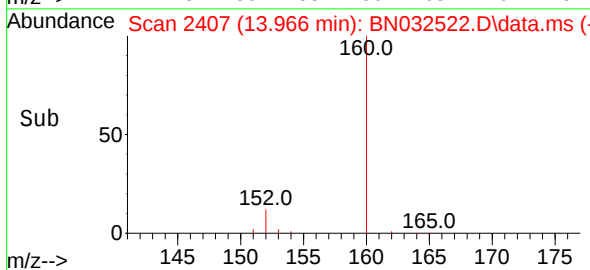
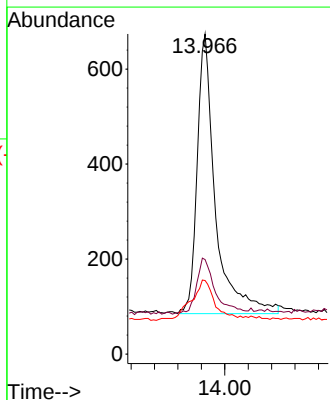
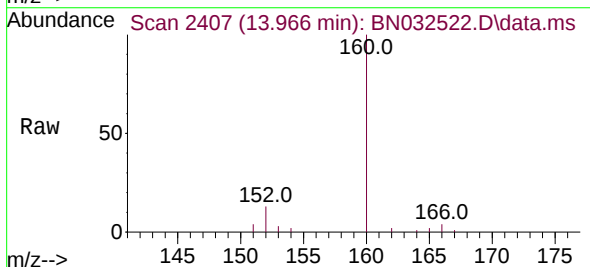
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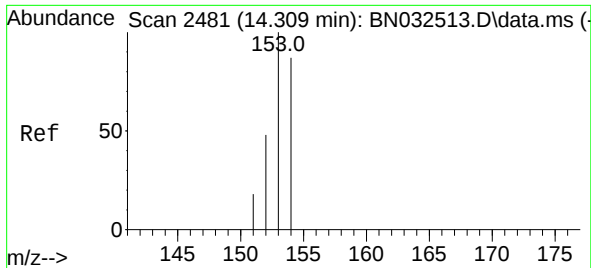
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

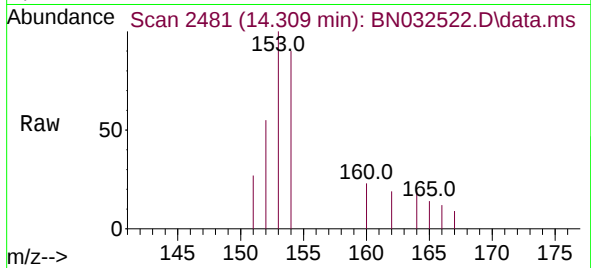
Tgt Ion:152 Resp: 1280
Ion Ratio Lower Upper
152 100
151 29.5 15.7 23.5#
153 23.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

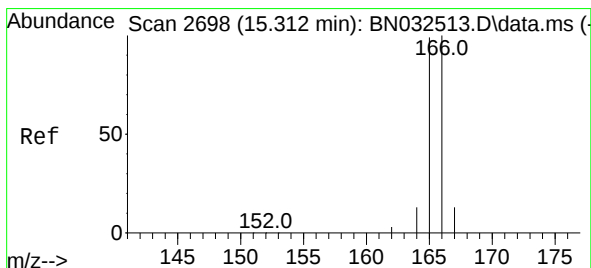
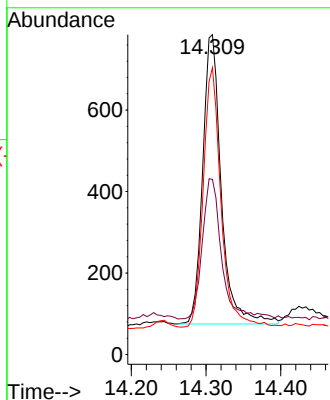
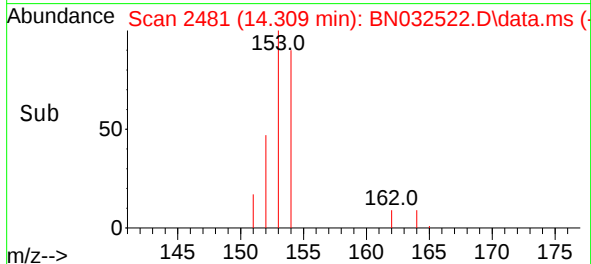
Instrument :
BNA_N
ClientSampleId :
A4CT6DL



Tgt Ion:153 Resp: 122
Ion Ratio Lower Upper
153 100
152 54.8 39.5 59.3
154 89.7 71.7 107.5

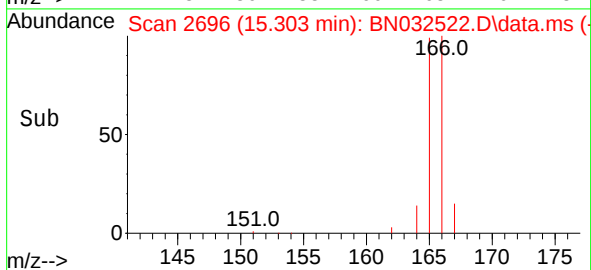
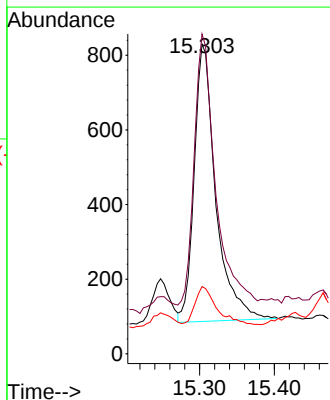
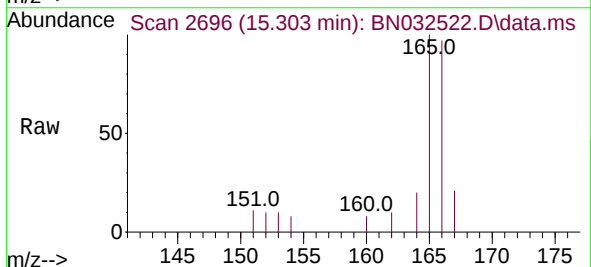
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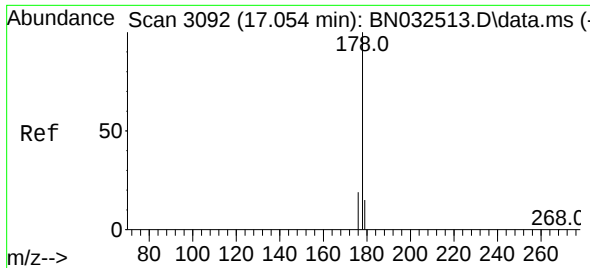
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

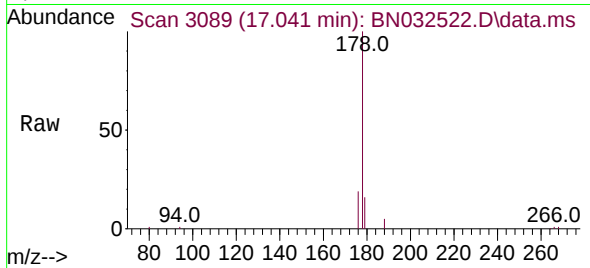
Tgt Ion:166 Resp: 1488
Ion Ratio Lower Upper
166 100
165 103.3 79.0 118.6
167 21.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.496 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.008 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

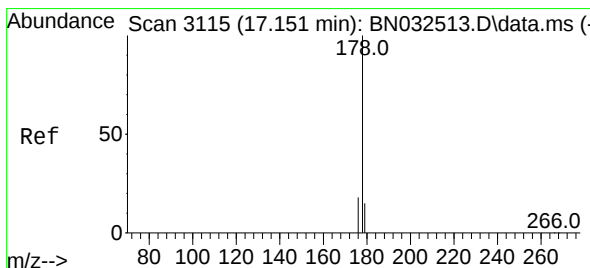
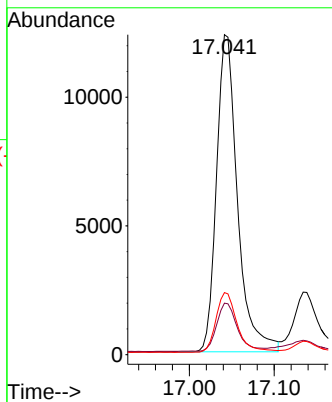
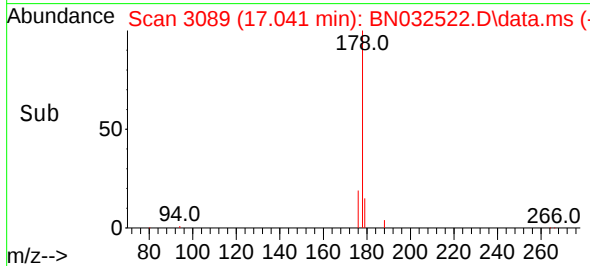
Instrument :
BNA_N
ClientSampleId :
A4CT6DL



Tgt Ion:178 Resp: 21234
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.4 15.6 23.4

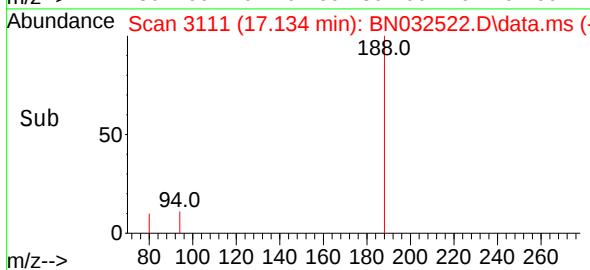
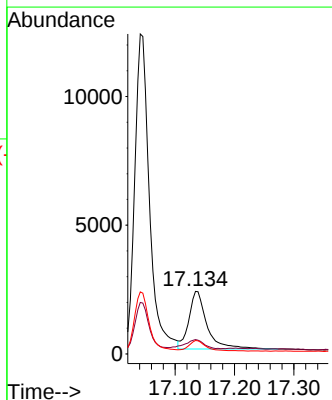
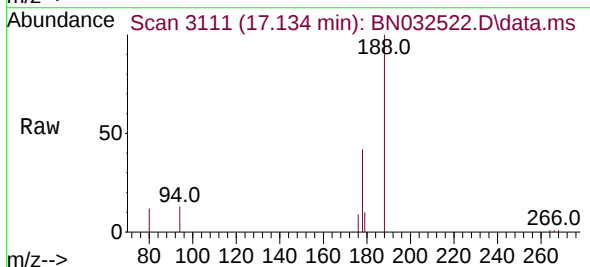
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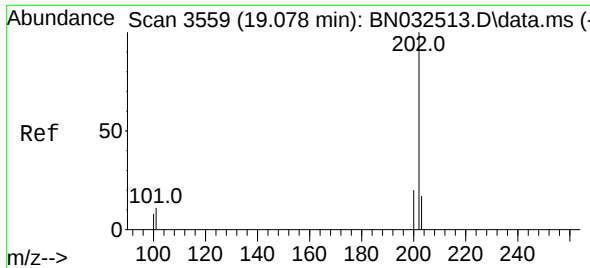
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.124 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

Tgt Ion:178 Resp: 4734
Ion Ratio Lower Upper
178 100
179 23.0 12.5 18.7#
176 21.5 15.0 22.6





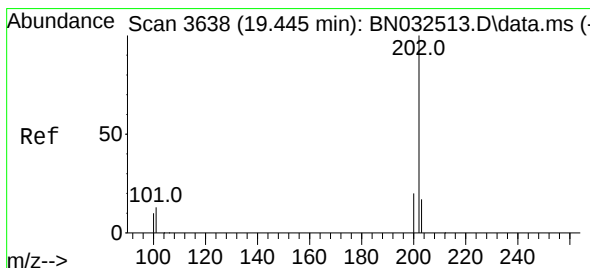
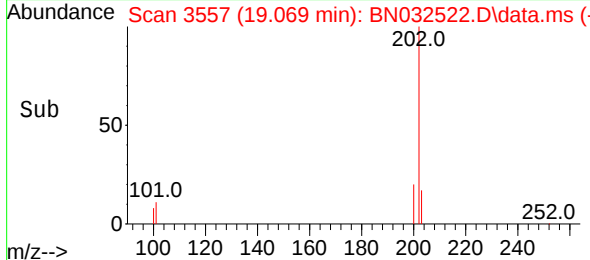
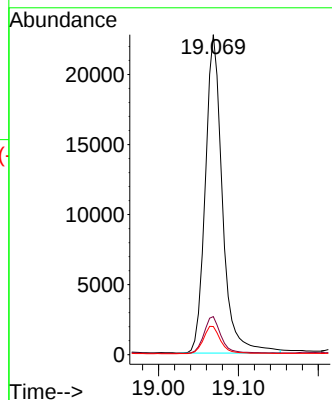
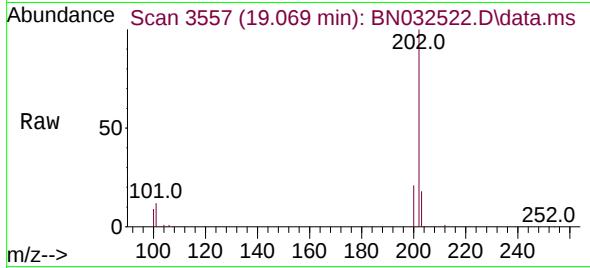
#19
Fluoranthene
Concen: 0.599 ng/ul
RT: 19.069 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

Instrument :
BNA_N
ClientSampleId :
A4CT6DL

Tgt Ion:202 Resp: 3386
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 8.8 6.4 9.6

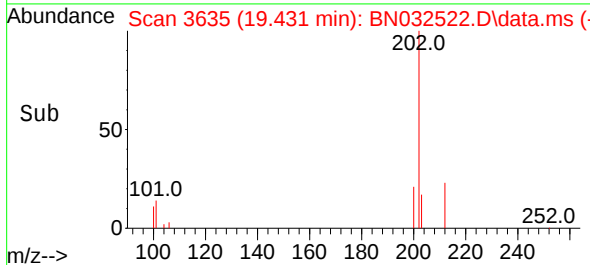
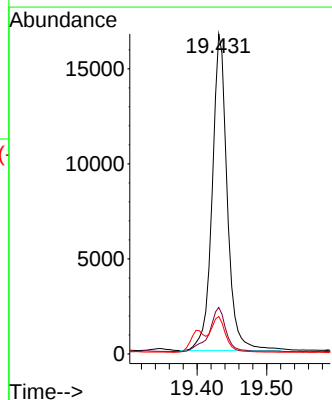
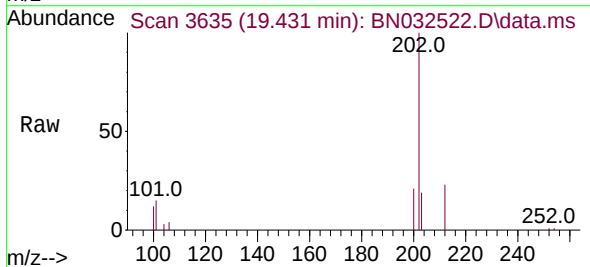
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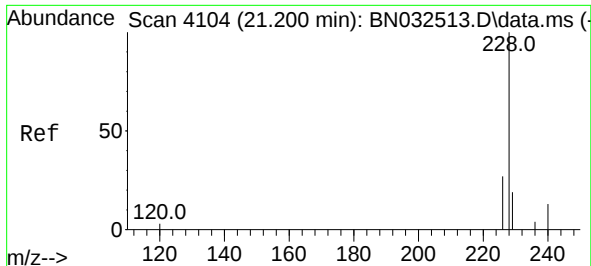
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

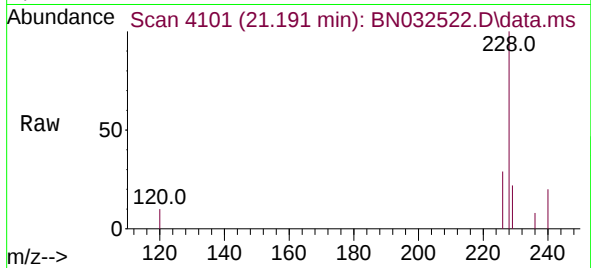
Tgt Ion:202 Resp: 25104
Ion Ratio Lower Upper
202 100
101 14.5 11.0 16.4
100 11.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.191 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

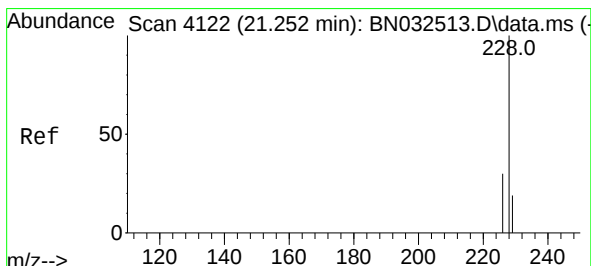
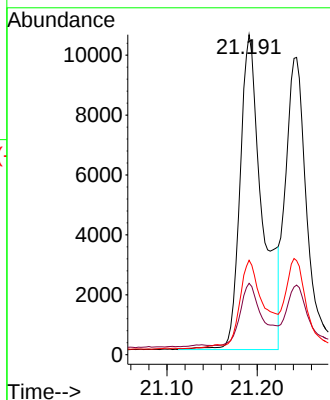
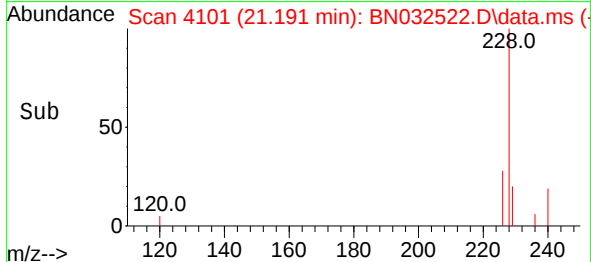
Instrument :
BNA_N
ClientSampleId :
A4CT6DL



Tgt Ion:228 Resp: 17780
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 29.5 21.8 32.8

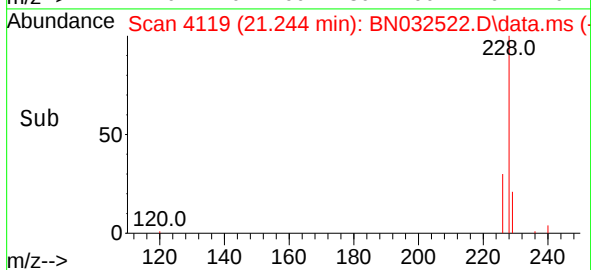
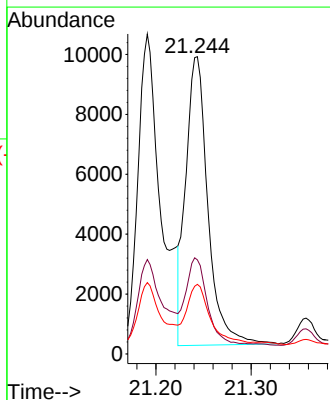
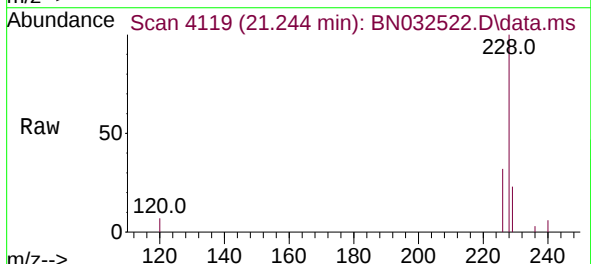
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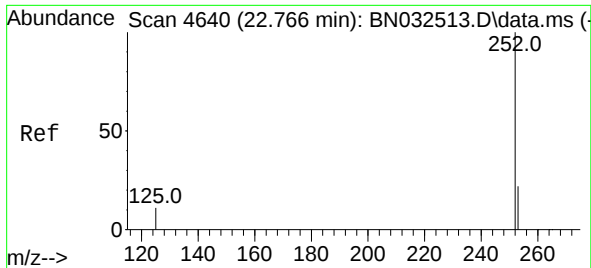
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

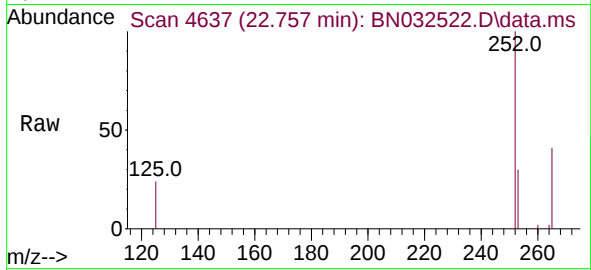
Tgt Ion:228 Resp: 15557
Ion Ratio Lower Upper
228 100
226 31.6 23.6 35.4
229 23.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.298 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

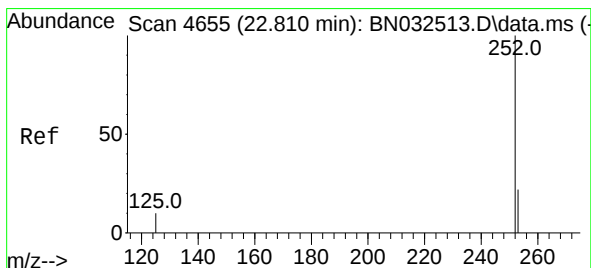
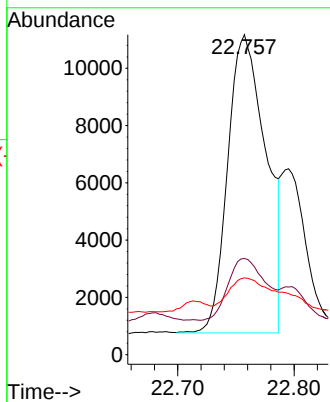
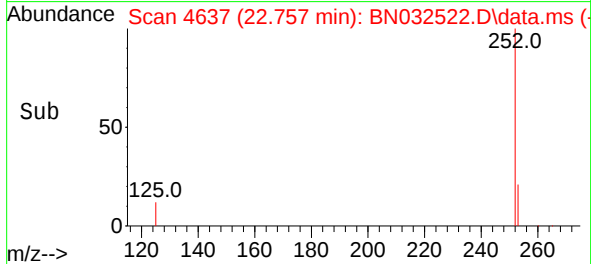
Instrument :
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A4CT6DL



Tgt Ion:252 Resp: 23820
Ion Ratio Lower Upper
252 100
253 30.0 0.0 50.2
125 24.0 0.0 32.0

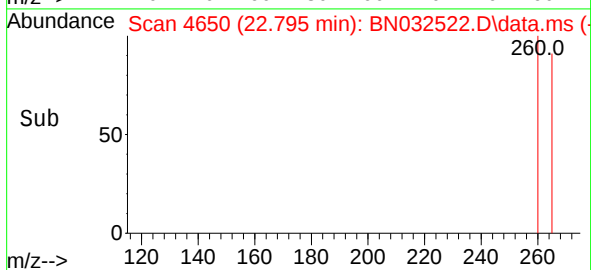
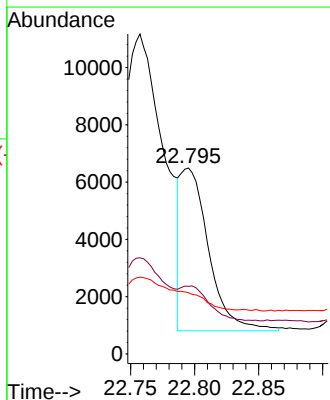
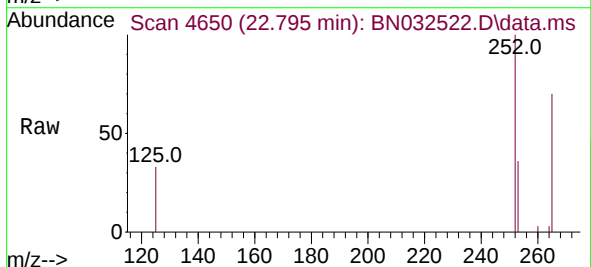
Manual Integrations
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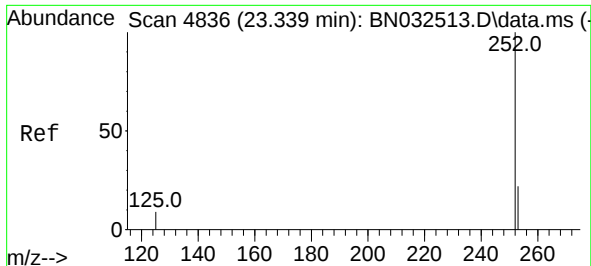
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.112 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

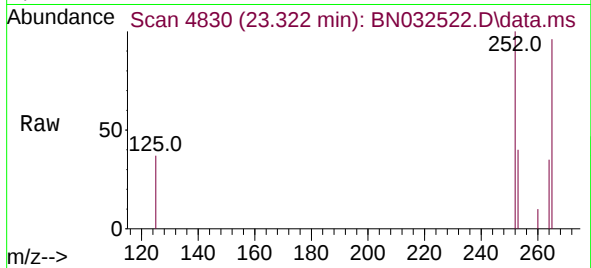
Tgt Ion:252 Resp: 8717
Ion Ratio Lower Upper
252 100
253 36.4 20.3 30.5#
125 32.8 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.322 min Scan# 4836
Delta R.T. -0.006 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

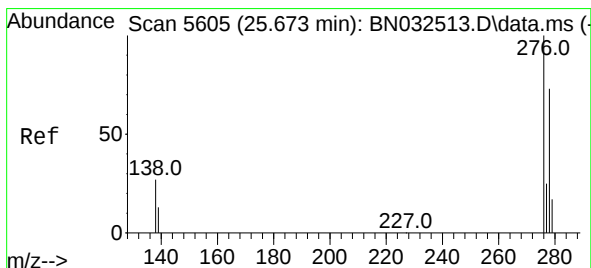
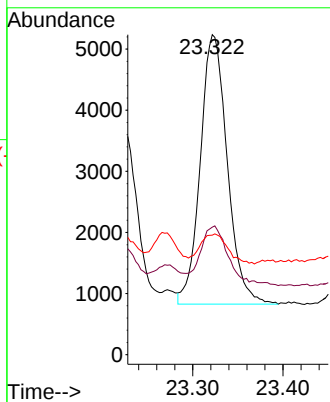
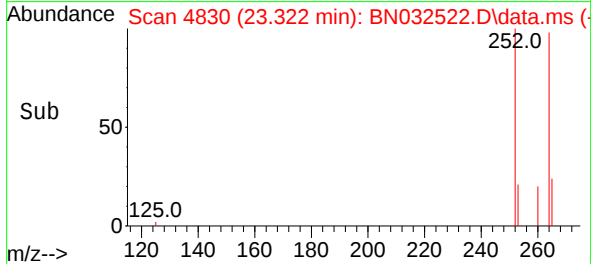
Instrument :
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A4CT6DL



Tgt Ion:252 Resp: 9160
Ion Ratio Lower Upper
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253 39.8 22.2 33.2#
125 37.3 16.4 24.6#

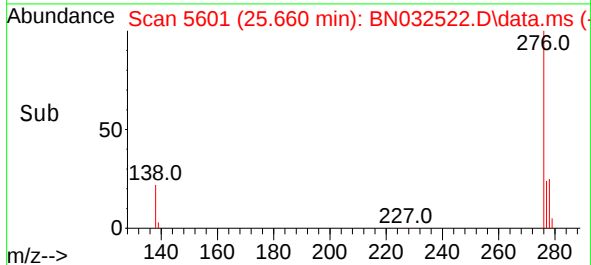
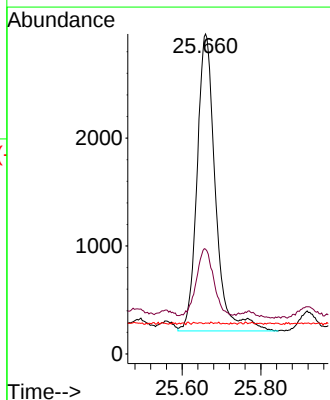
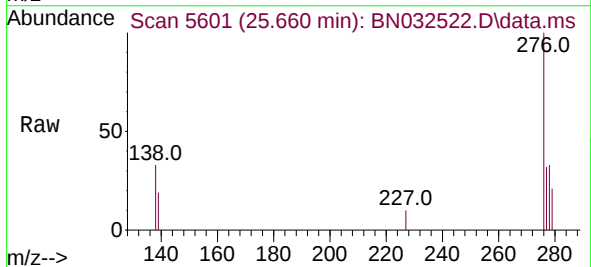
Manual Integrations
APPROVED

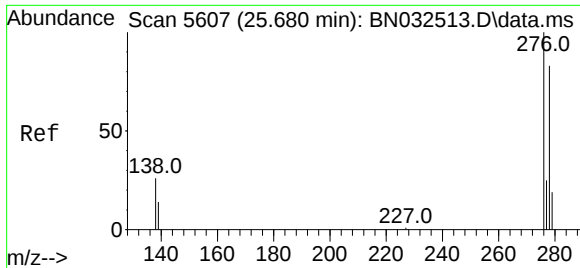
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 25.660 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

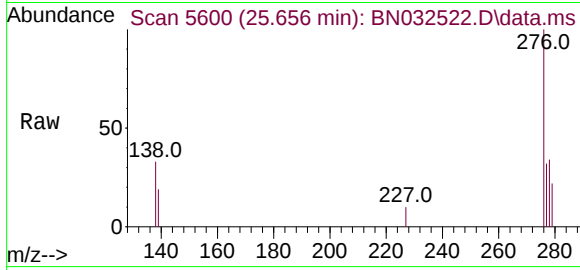
Tgt Ion:276 Resp: 8894
Ion Ratio Lower Upper
276 100
138 21.0 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 25.656 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

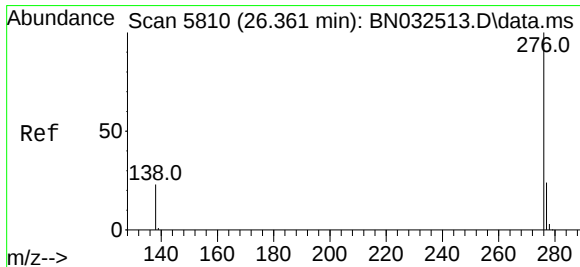
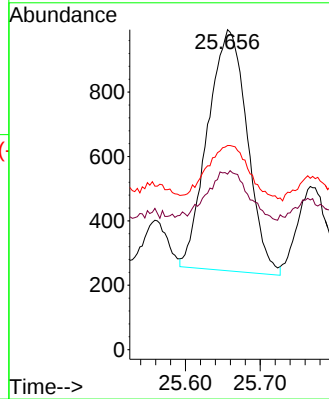
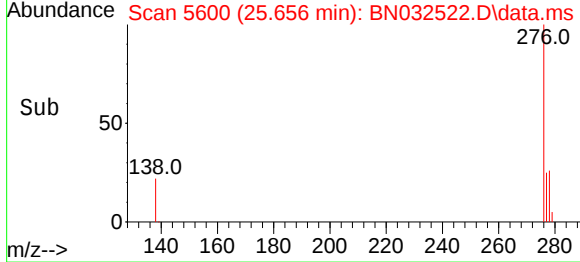
Instrument :
BNA_N
ClientSampleId :
A4CT6DL



Tgt Ion:278 Resp: 275
Ion Ratio Lower Upper
278 100
139 54.8 15.9 23.9#
279 63.8 21.1 31.7#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032522.D
Acq: 05 Jul 2024 23:44

Tgt Ion:276 Resp: 1438
Ion Ratio Lower Upper
276 100
138 68.6 19.8 29.6#
277 61.0 19.8 29.6#

