

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032533.D
 Acq On : 06 Jul 2024 06:59
 Operator : MA/JU
 Sample : P3065-08DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:43:25 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	7.591	152	6063	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.370	136	17143	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.238	164	9405	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.998	188	18338	0.400	ng/ul	0.00
17) Chrysene-d12	21.204	240	17654	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	21483	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4593	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	957	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2065	0.039	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	952	0.021	ng/ul#	66
10) Acenaphthylene	13.960	152	3118	0.080	ng/ul#	91
11) Acenaphthene	14.303	153	992	0.033	ng/ul	95
12) Fluorene	15.297	166	1338	0.037	ng/ul#	93
15) Phenanthrene	17.040	178	24304	0.483	ng/ul	99
16) Anthracene	17.133	178	6071	0.135	ng/ul#	93
19) Fluoranthene	19.063	202	56600	0.842	ng/ul	97
20) Pyrene	19.430	202	40103	0.571	ng/ul	100
21) Benzo(a)anthracene	21.190	228	30190	0.474	ng/ul	97
22) Chrysene	21.239	228	29014	0.415	ng/ul	96
24) Benzo(b)fluoranthene	22.753	252	44736m	0.479	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	18070m	0.199	ng/ul	
26) Benzo(a)pyrene	23.317	252	14706	0.226	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.648	276	16114	0.158	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.652	278	5288	0.070	ng/ul#	43
29) Benzo(g,h,i)perylene	26.343	276	2407	0.030	ng/ul#	41

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

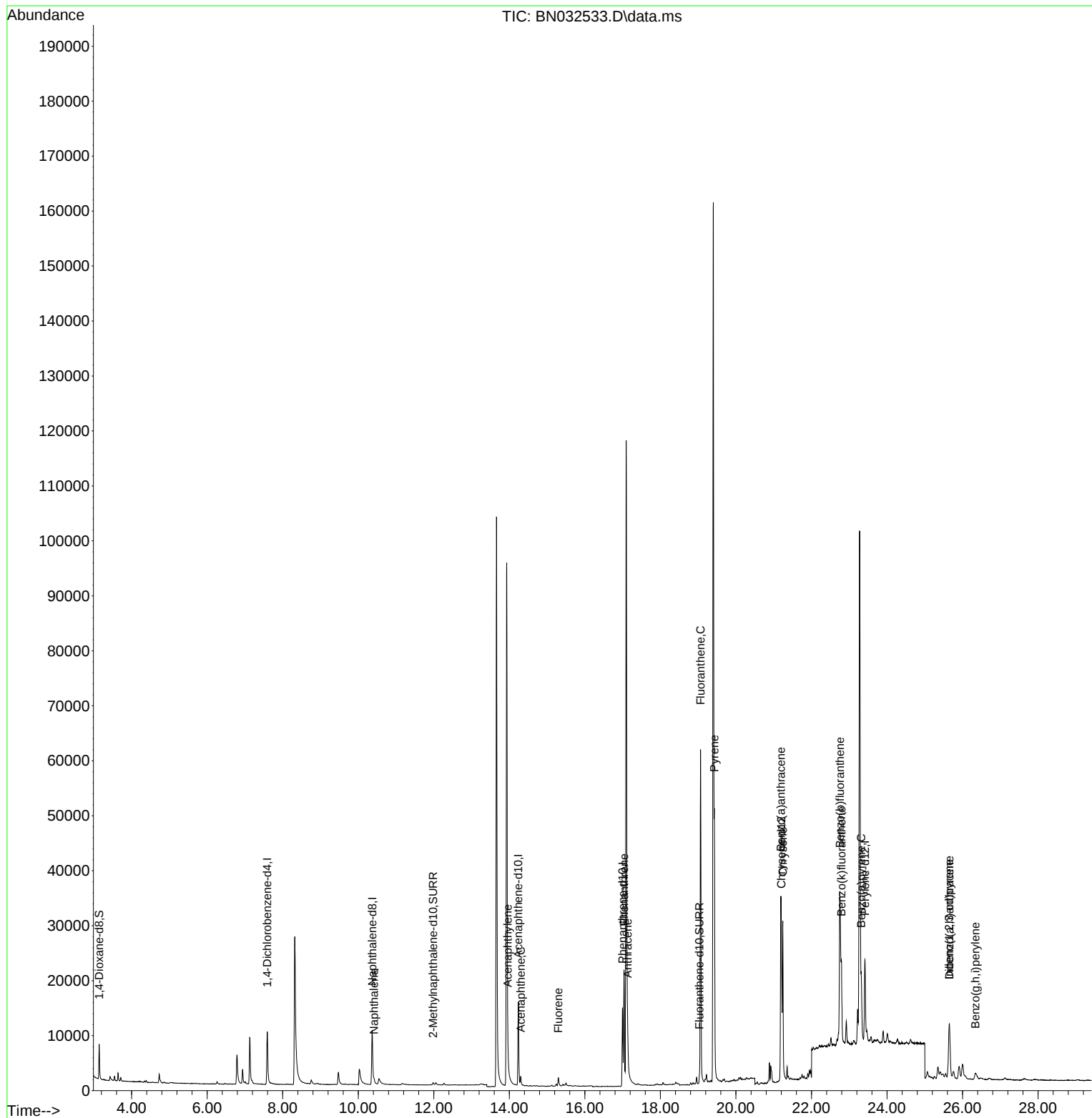
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032533.D
Acq On : 06 Jul 2024 06:59
Operator : MA/JU
Sample : P3065-08DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

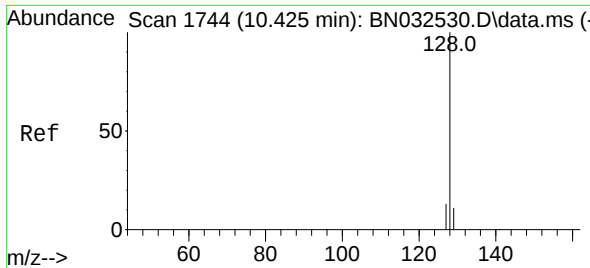
Instrument :
BNA_N
ClientSampleId :
A4CD4DL

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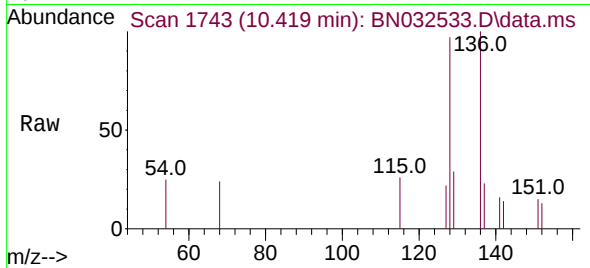
Quant Time: Jul 07 23:43:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

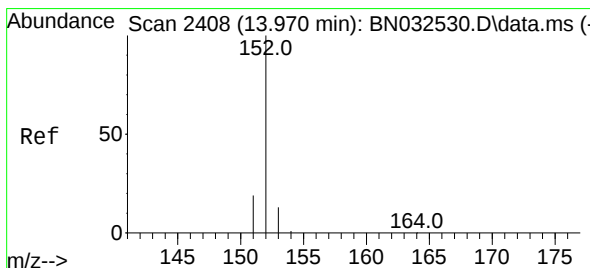
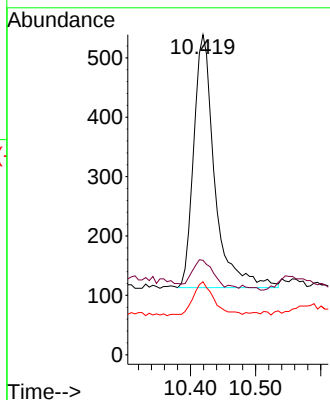
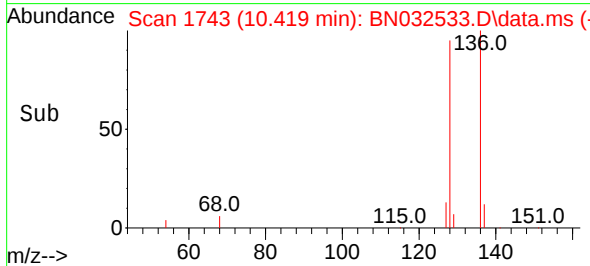
Instrument :
BNA_N
ClientSampleId :
A4CD4DL



Tgt Ion:128 Resp: 952
Ion Ratio Lower Upper
128 100
129 29.5 9.2 13.8#
127 22.8 10.8 16.2#

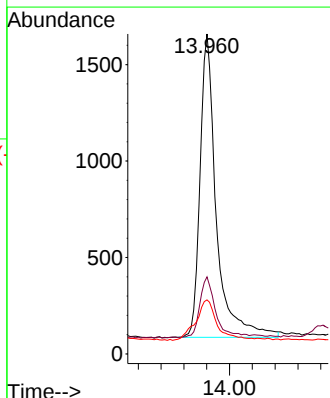
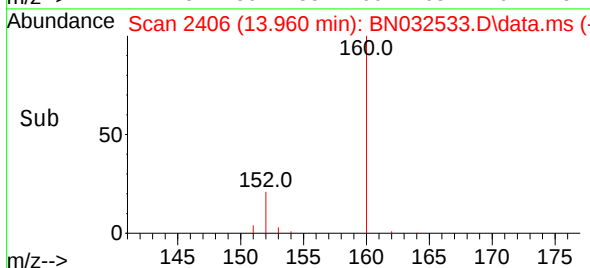
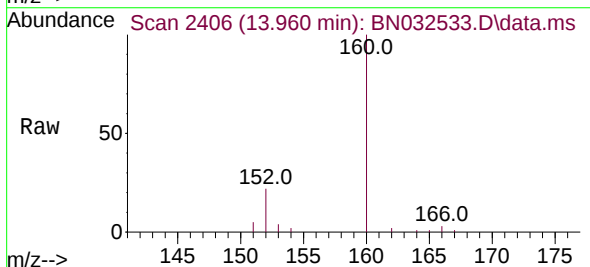
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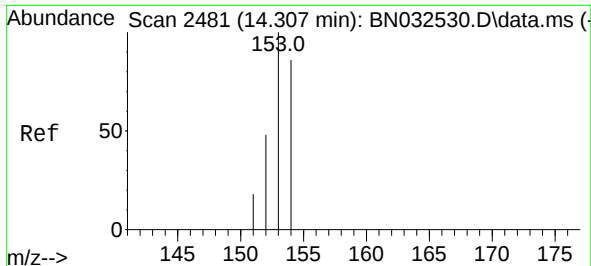
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 13.960 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

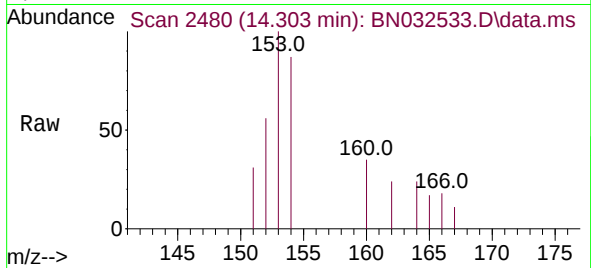
Tgt Ion:152 Resp: 3118
Ion Ratio Lower Upper
152 100
151 24.1 15.7 23.5#
153 16.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.303 min Scan# 2481
Delta R.T. -0.011 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

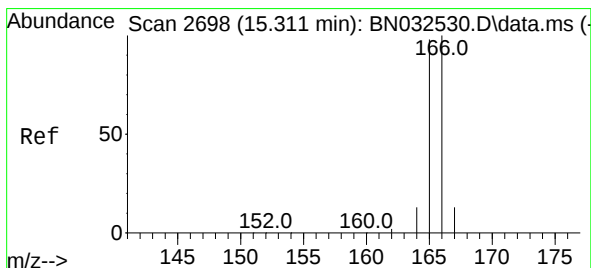
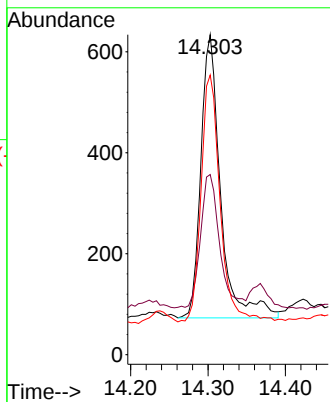
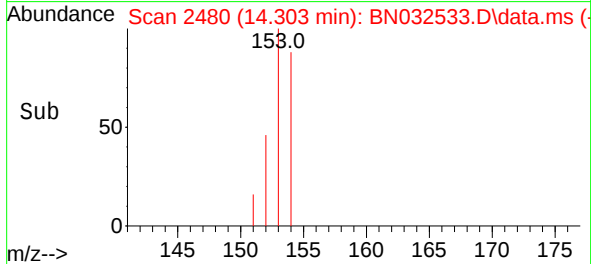
Instrument :
BNA_N
ClientSampleId :
A4CD4DL



Tgt Ion:153 Resp: 992
Ion Ratio Lower Upper
153 100
152 56.3 39.5 59.3
154 87.4 71.7 107.5

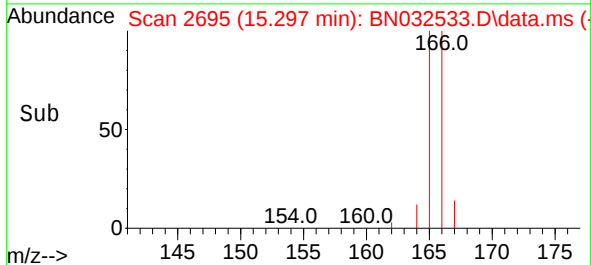
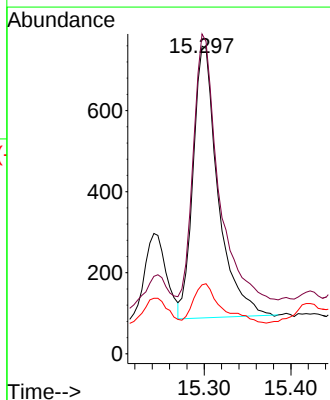
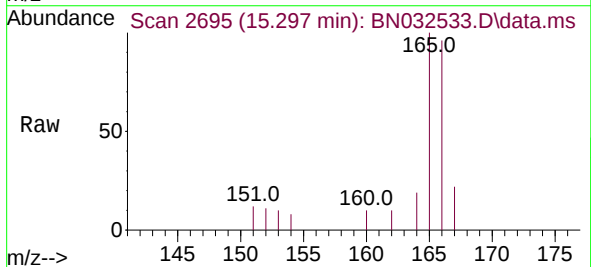
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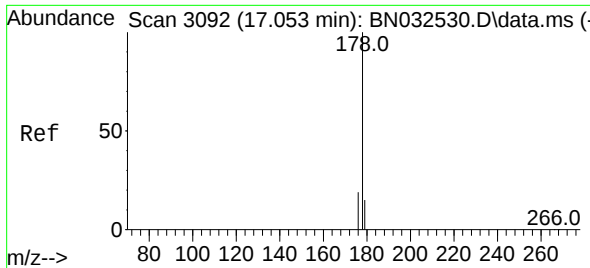
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.297 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

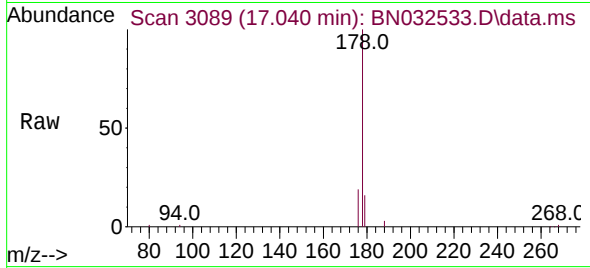
Tgt Ion:166 Resp: 1338
Ion Ratio Lower Upper
166 100
165 104.0 79.0 118.6
167 22.4 11.0 16.6#





#15
Phenanthrene
Concen: 0.483 ng/ul
RT: 17.040 min Scan# 3092
Delta R.T. -0.010 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

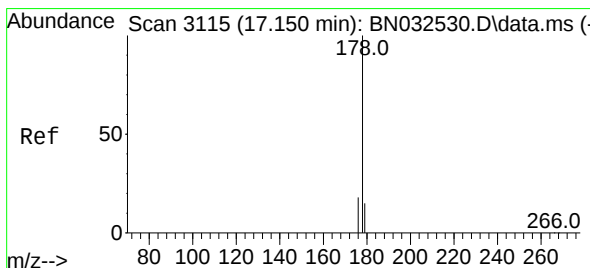
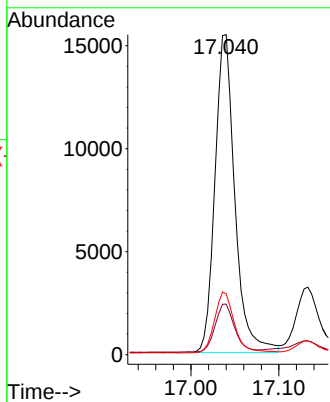
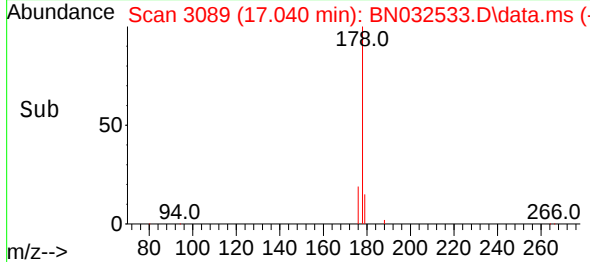
Instrument :
BNA_N
ClientSampleId :
A4CD4DL



Tgt Ion:178 Resp: 24304
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.6 23.4

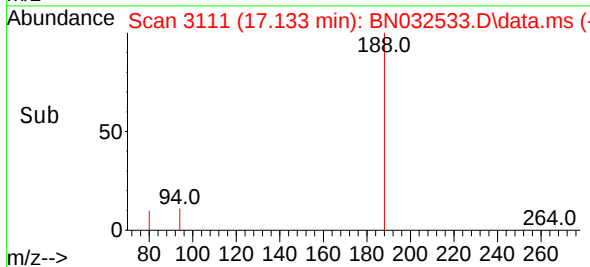
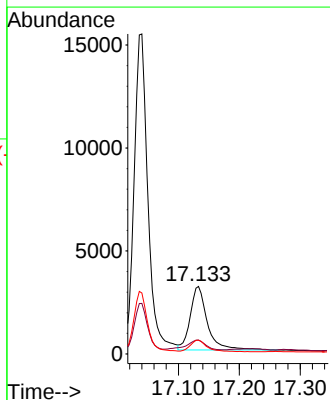
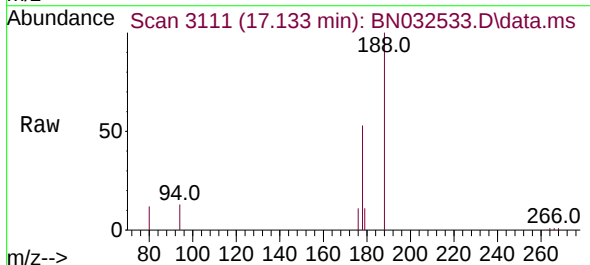
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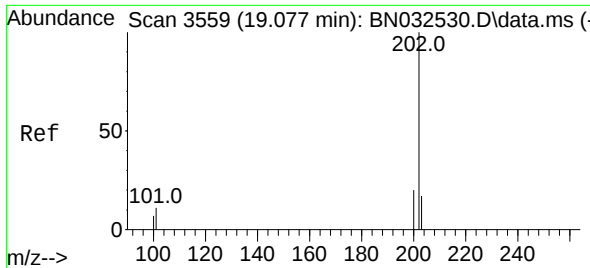
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.135 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

Tgt Ion:178 Resp: 6071
Ion Ratio Lower Upper
178 100
179 20.7 12.5 18.7#
176 20.4 15.0 22.6





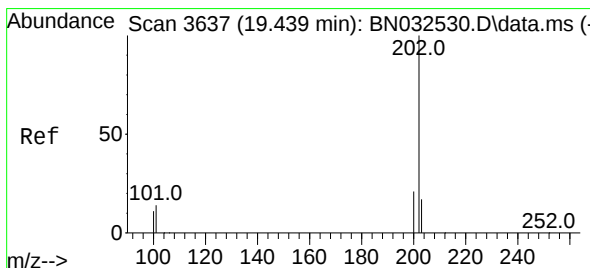
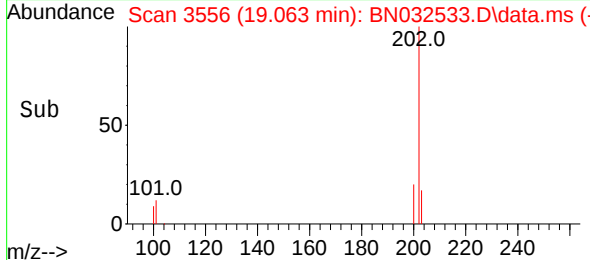
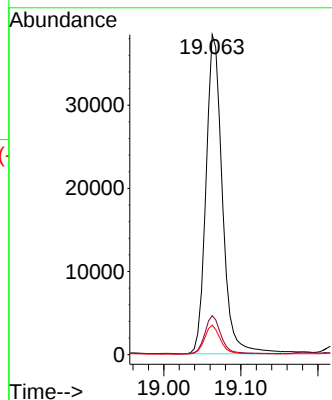
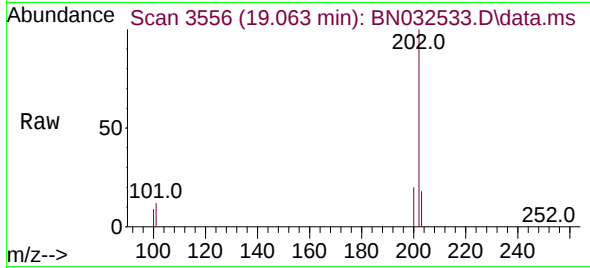
#19
Fluoranthene
Concen: 0.842 ng/ul
RT: 19.063 min Scan# 3556
Delta R.T. -0.011 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

Instrument :
BNA_N
ClientSampleId :
A4CD4DL

Tgt Ion:202 Resp: 56600
Ion Ratio Lower Upper
202 100
101 12.2 8.8 13.2
100 9.2 6.4 9.6

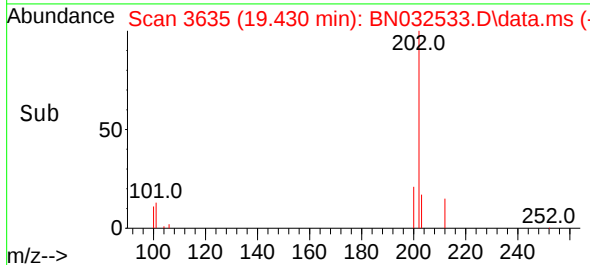
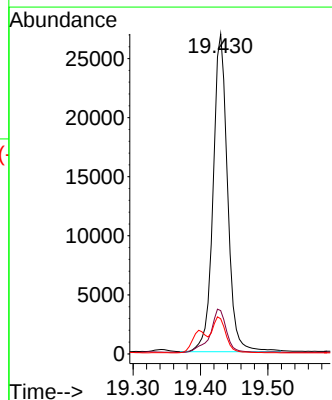
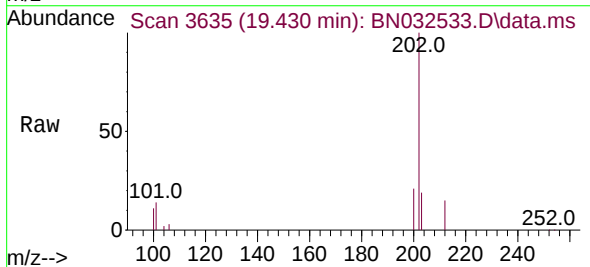
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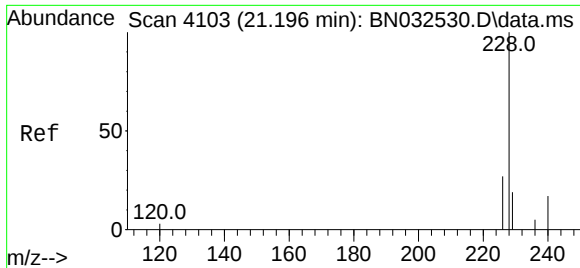
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.571 ng/ul
RT: 19.430 min Scan# 3635
Delta R.T. -0.011 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

Tgt Ion:202 Resp: 40103
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 11.0 8.7 13.1





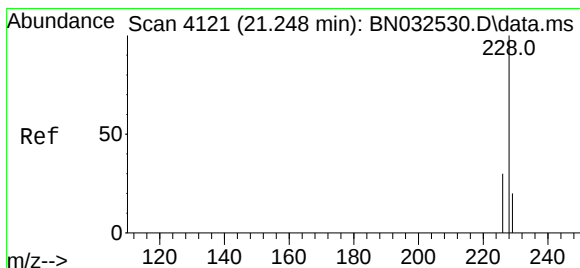
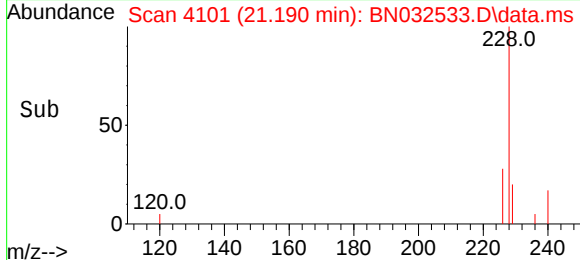
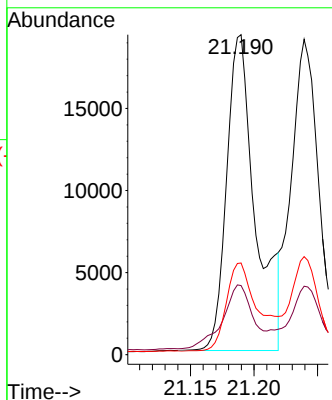
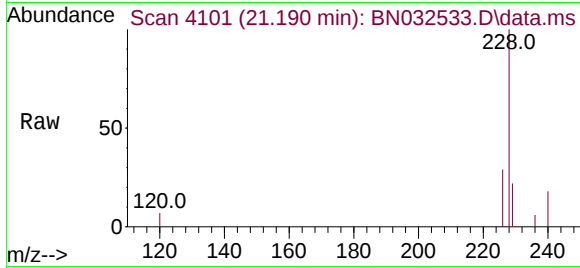
#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 21.190 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

Instrument :
BNA_N
ClientSampleId :
A4CD4DL

Tgt Ion:228 Resp: 30190
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.7 21.8 32.8

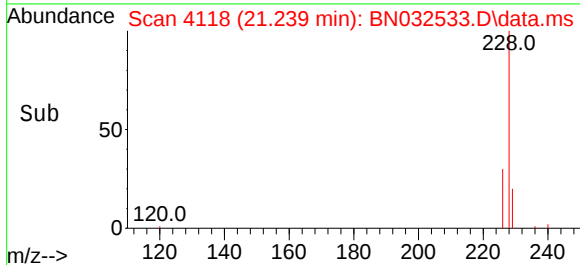
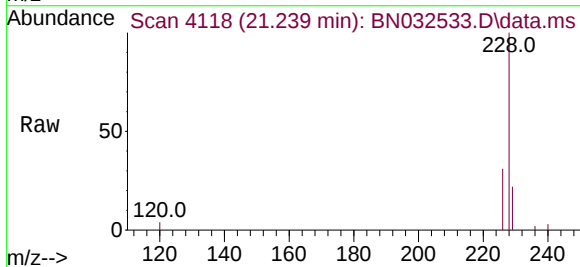
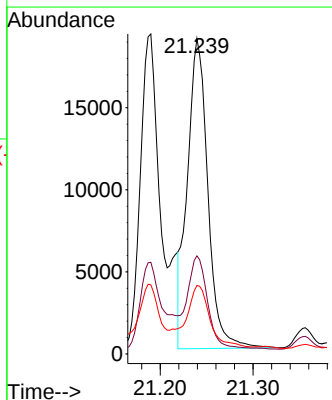
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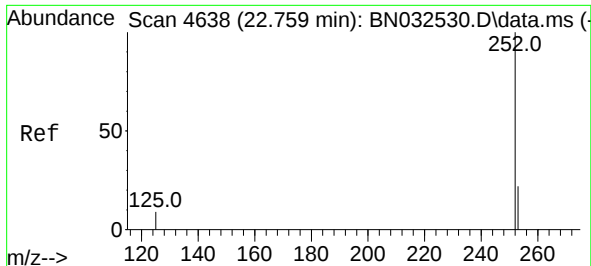
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.239 min Scan# 4118
Delta R.T. -0.004 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

Tgt Ion:228 Resp: 29014
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 21.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.479 ng/ul m

RT: 22.753 min Scan# 4636

Delta R.T. -0.004 min

Lab File: BN032533.D

Acq: 06 Jul 2024 06:59

Instrument :

BNA_N

ClientSampleId :

A4CD4DL

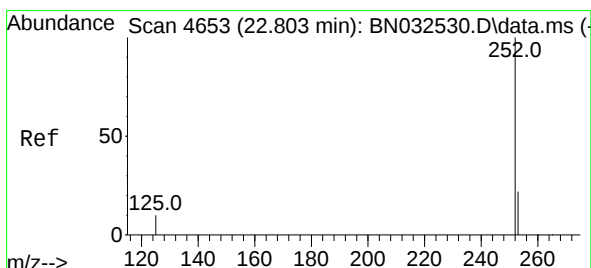
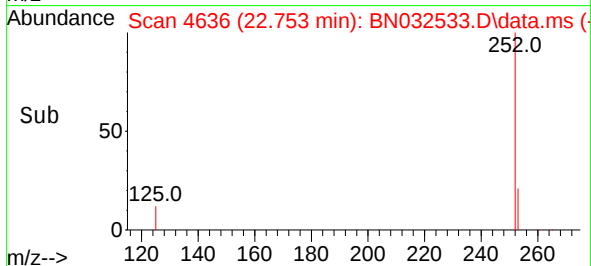
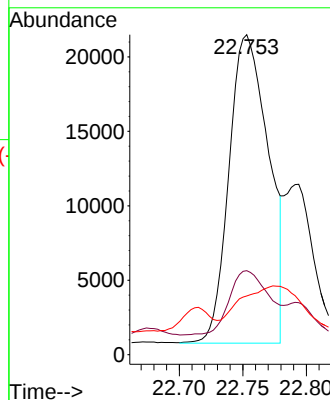
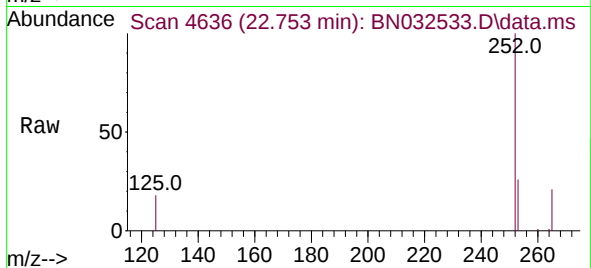
Tgt Ion:252	Resp:	44730
Ion Ratio	Lower	Upper
252	100	
253	26.2	0.0 50.2
125	18.4	0.0 32.0

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#25

Benzo(k)fluoranthene

Concen: 0.199 ng/ul m

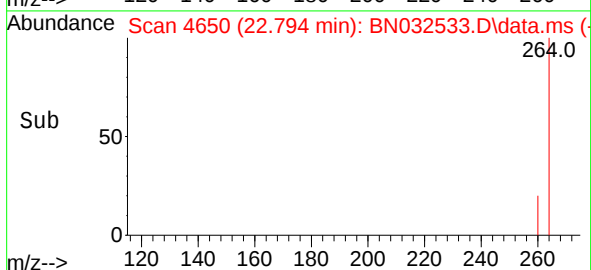
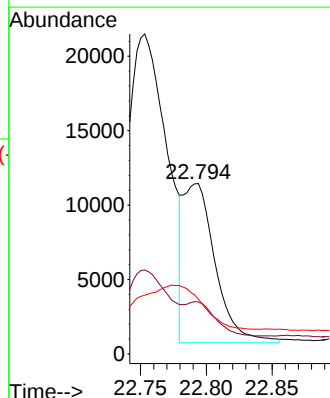
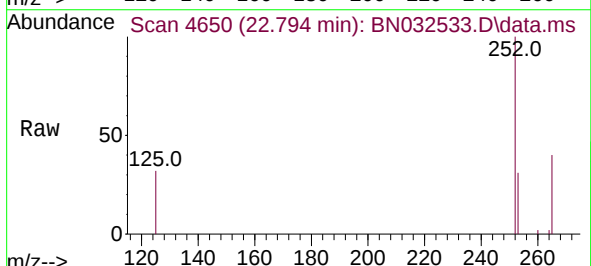
RT: 22.794 min Scan# 4650

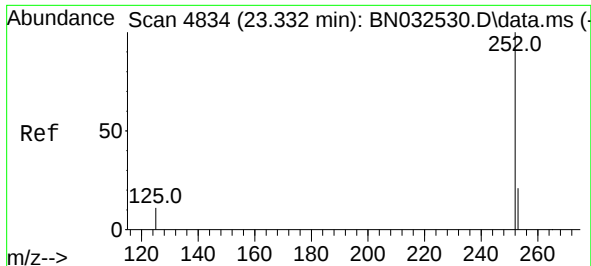
Delta R.T. -0.007 min

Lab File: BN032533.D

Acq: 06 Jul 2024 06:59

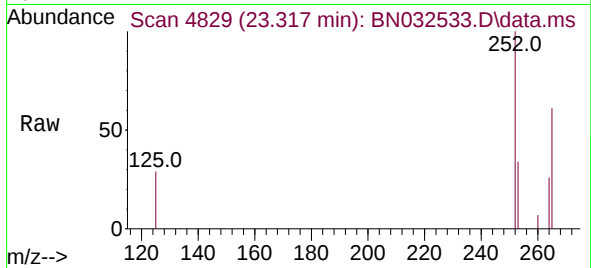
Tgt Ion:252	Resp:	18070
Ion Ratio	Lower	Upper
252	100	
253	30.6	20.3 30.5#
125	32.1	12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.226 ng/ul
RT: 23.317 min Scan# 4829
Delta R.T. -0.010 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

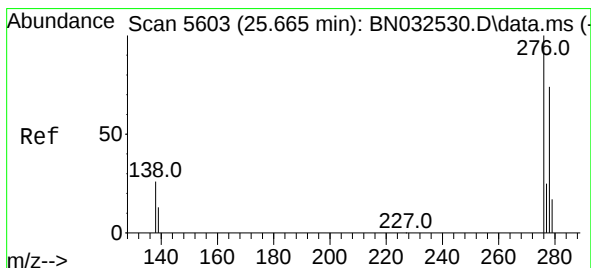
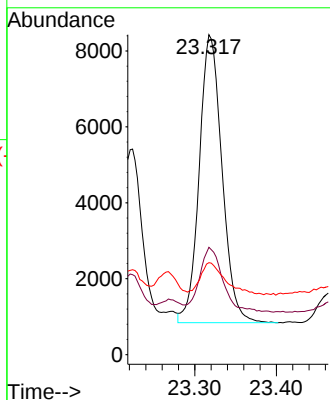
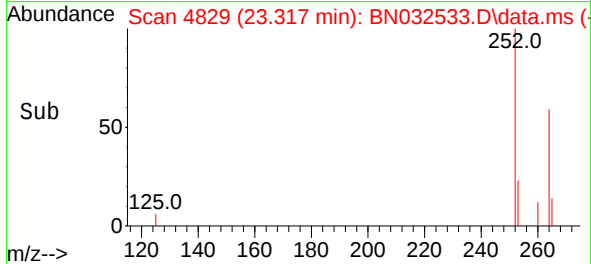
Instrument :
BNA_N
ClientSampleId :
A4CD4DL



Tgt Ion:252 Resp: 14700
Ion Ratio Lower Upper
252 100
253 33.6 22.2 33.2
125 28.8 16.4 24.6

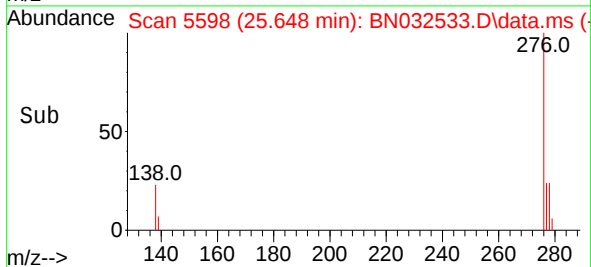
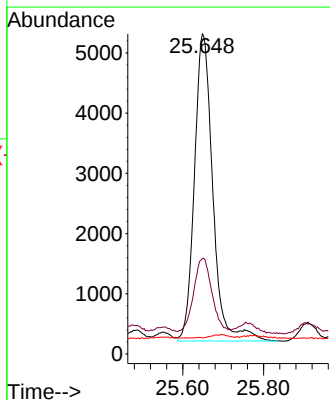
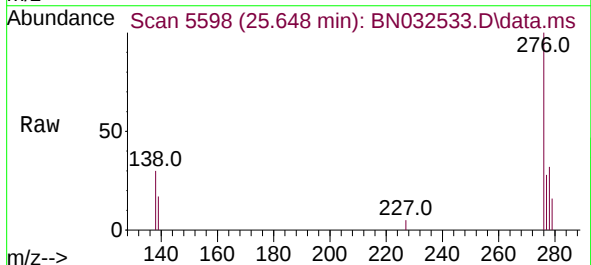
Manual Integrations
APPROVED

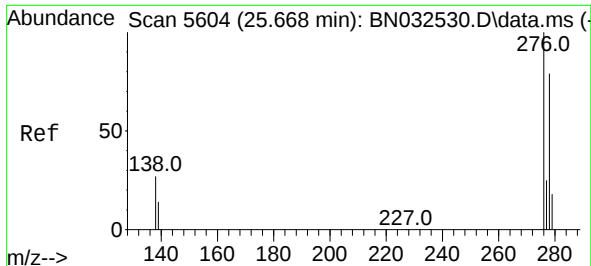
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 25.648 min Scan# 5598
Delta R.T. -0.011 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

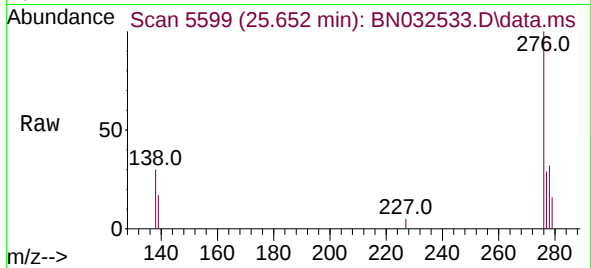
Tgt Ion:276 Resp: 16114
Ion Ratio Lower Upper
276 100
138 24.0 21.3 31.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. -0.015 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

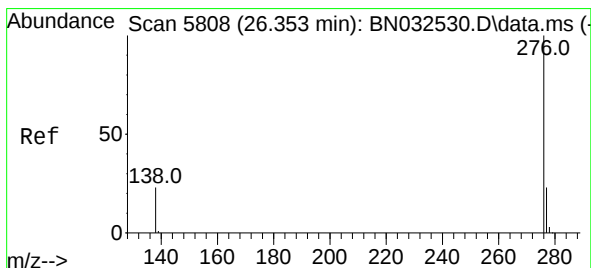
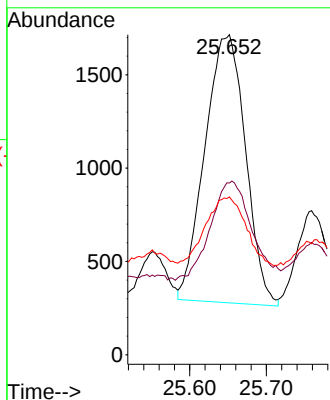
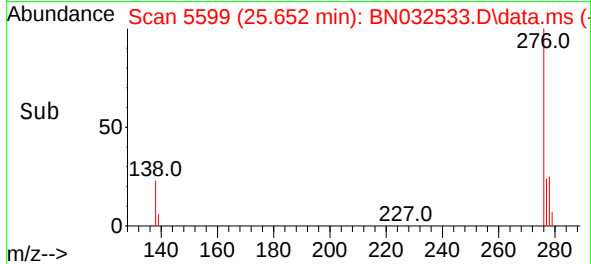
Instrument :
BNA_N
ClientSampleId :
A4CD4DL



Tgt Ion:278 Resp: 528
Ion Ratio Lower Upper
278 100
139 53.6 15.9 23.9#
279 49.3 21.1 31.7#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 26.343 min Scan# 5805
Delta R.T. -0.001 min
Lab File: BN032533.D
Acq: 06 Jul 2024 06:59

Tgt Ion:276 Resp: 2407
Ion Ratio Lower Upper
276 100
138 57.9 19.8 29.6#
277 50.1 19.8 29.6#

