

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032519.D
 Acq On : 05 Jul 2024 21:55
 Operator : MA/JU
 Sample : P2964-04DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B51DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:29:19 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	5853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	16374	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8616	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	15747	0.400	ng/ul	0.00
17) Chrysene-d12	21.205	240	14551	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	17803	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3474	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	741	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	1463	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	1066	0.025	ng/ul#	66
10) Acenaphthylene	13.966	152	2311	0.064	ng/ul#	87
11) Acenaphthene	14.308	153	1088	0.039	ng/ul	96
12) Fluorene	15.303	166	1480	0.045	ng/ul#	95
15) Phenanthrene	17.041	178	32666	0.757	ng/ul	100
16) Anthracene	17.134	178	6697	0.174	ng/ul#	93
19) Fluoranthene	19.068	202	77174	1.393	ng/ul	99
20) Pyrene	19.431	202	52716	0.910	ng/ul	100
21) Benzo(a)anthracene	21.188	228	36960	0.704	ng/ul	97
22) Chrysene	21.240	228	35849	0.622	ng/ul	95
24) Benzo(b)fluoranthene	22.757	252	52916m	0.684	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	21293m	0.283	ng/ul	
26) Benzo(a)pyrene	23.324	252	18783	0.349	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.656	276	19565	0.232	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.656	278	6108	0.098	ng/ul#	57
29) Benzo(g,h,i)perylene	26.350	276	2947	0.044	ng/ul#	45

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

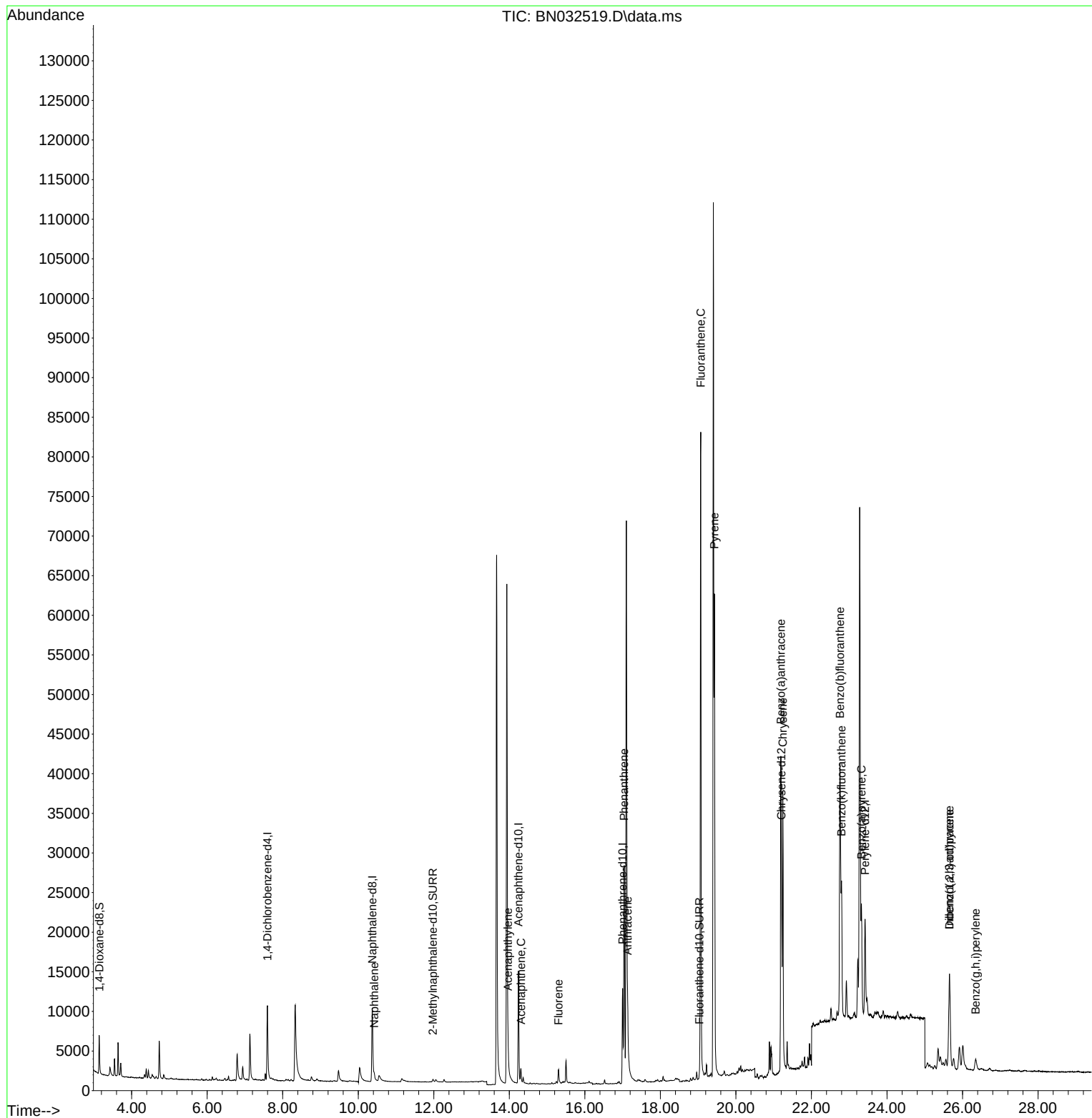
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032519.D
Acq On : 05 Jul 2024 21:55
Operator : MA/JU
Sample : P2964-04DL 5X
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ALS Vial : 19 Sample Multiplier: 1

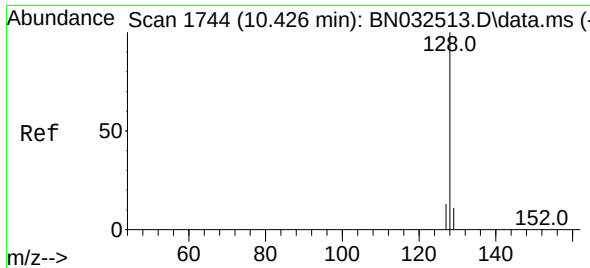
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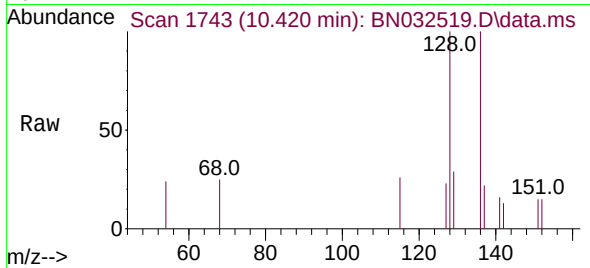
Quant Time: Jul 05 23:29:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

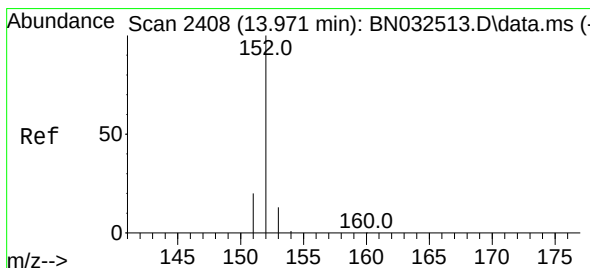
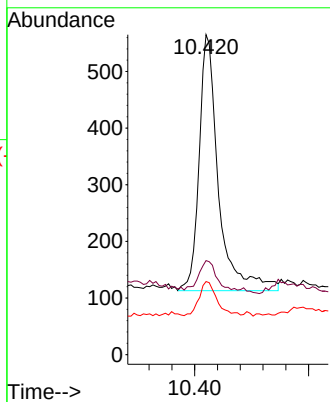
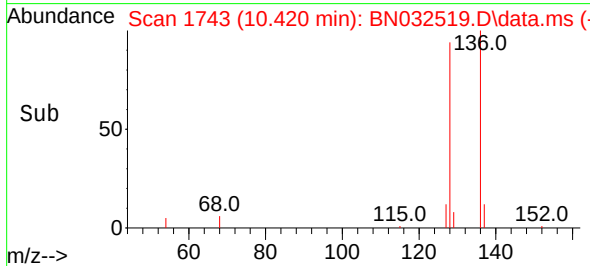
Instrument :
BNA_N
ClientSampleId :
A4B51DL



Tgt Ion:128 Resp: 1060
Ion Ratio Lower Upper
128 100
129 29.4 9.2 13.8#
127 22.8 10.8 16.2#

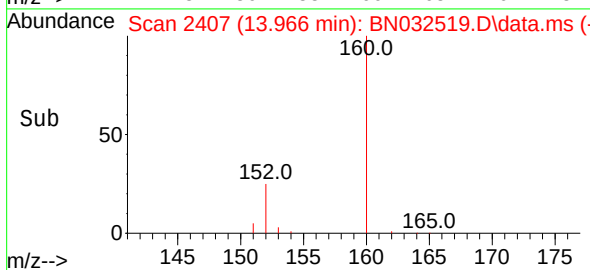
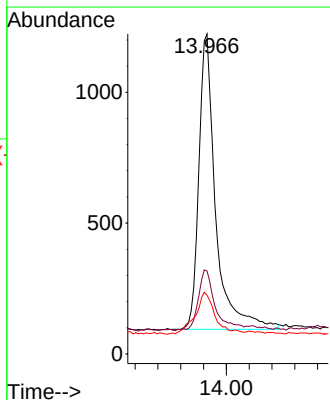
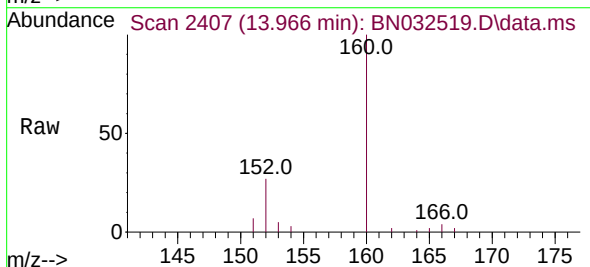
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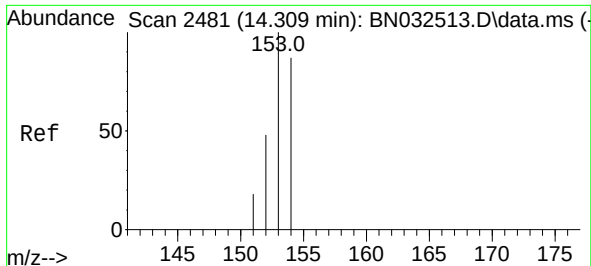
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

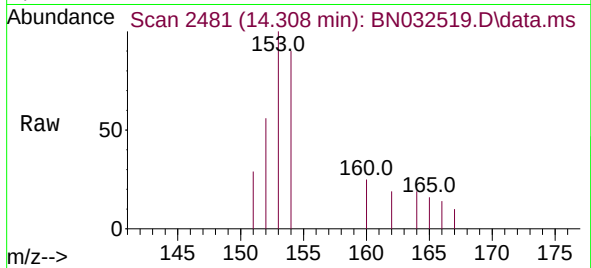
Tgt Ion:152 Resp: 2311
Ion Ratio Lower Upper
152 100
151 25.9 15.7 23.5#
153 18.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

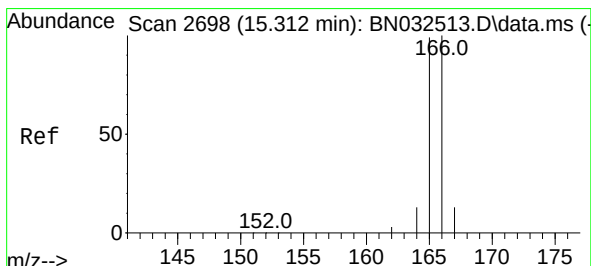
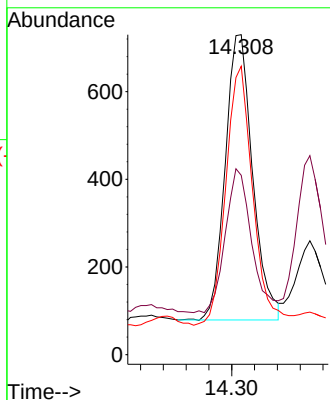
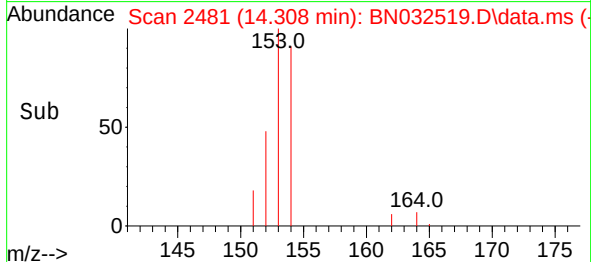
Instrument :
BNA_N
ClientSampleId :
A4B51DL



Tgt Ion:153 Resp: 1088
Ion Ratio Lower Upper
153 100
152 56.0 39.5 59.3
154 90.1 71.7 107.5

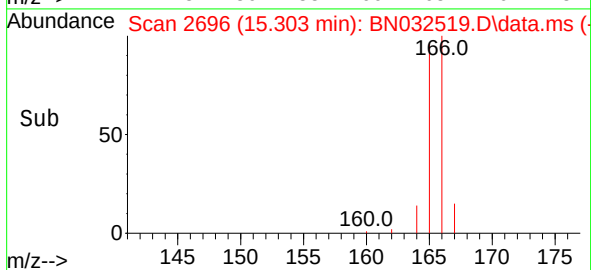
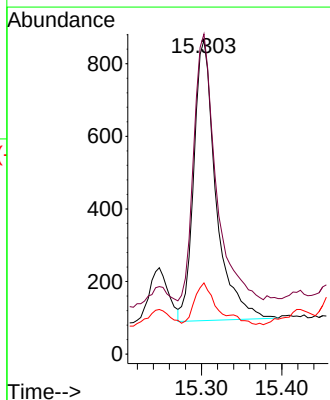
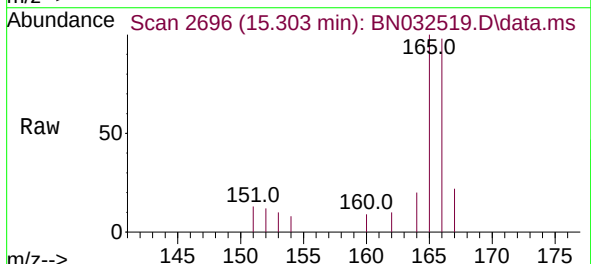
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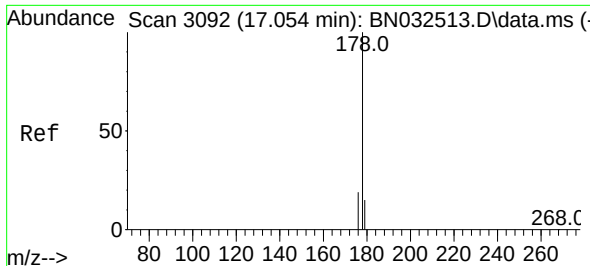
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

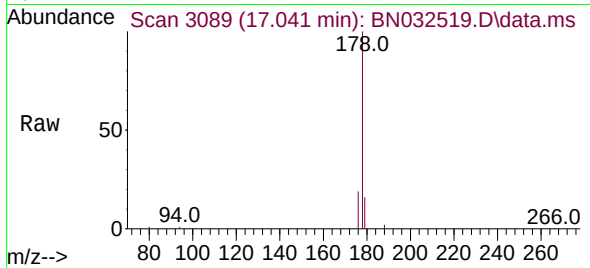
Tgt Ion:166 Resp: 1480
Ion Ratio Lower Upper
166 100
165 102.0 79.0 118.6
167 22.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.757 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.009 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

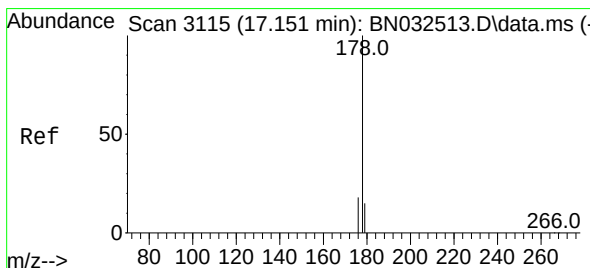
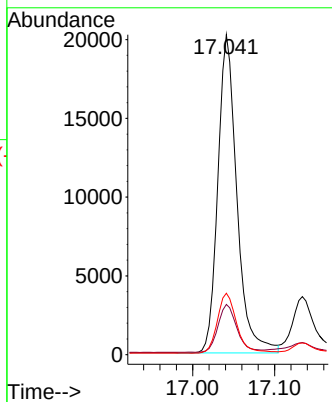
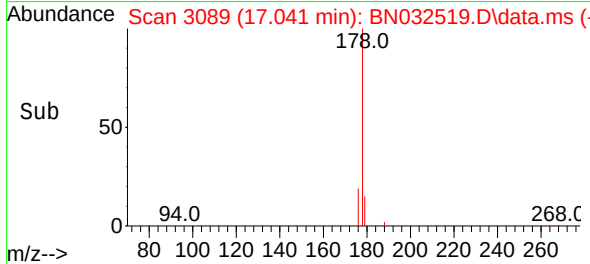
Instrument :
BNA_N
ClientSampleId :
A4B51DL



Tgt Ion:178 Resp: 3266
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.2 15.6 23.4

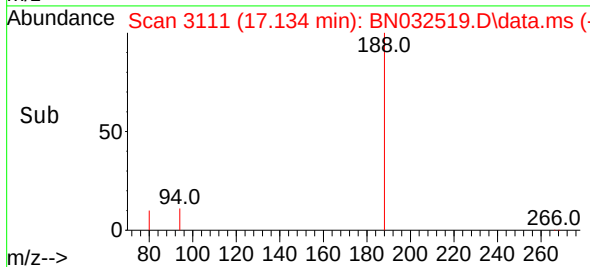
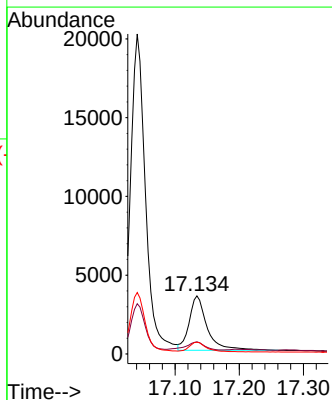
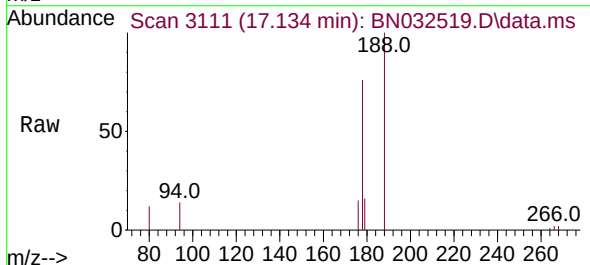
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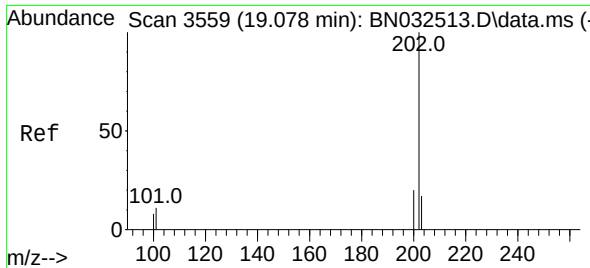
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.174 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

Tgt Ion:178 Resp: 6697
Ion Ratio Lower Upper
178 100
179 20.8 12.5 18.7#
176 20.2 15.0 22.6





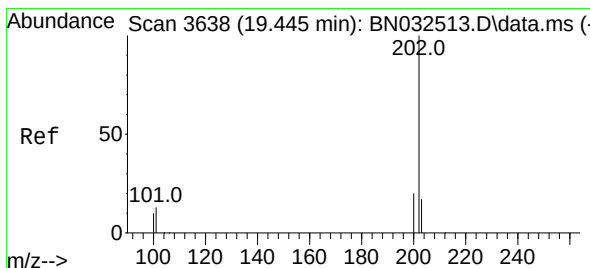
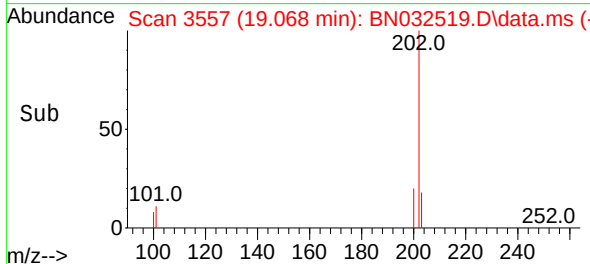
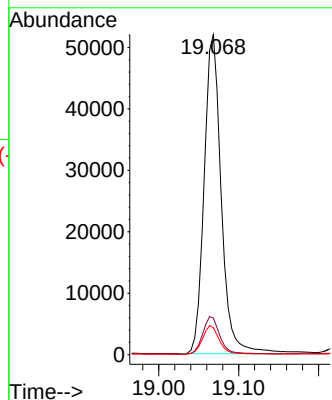
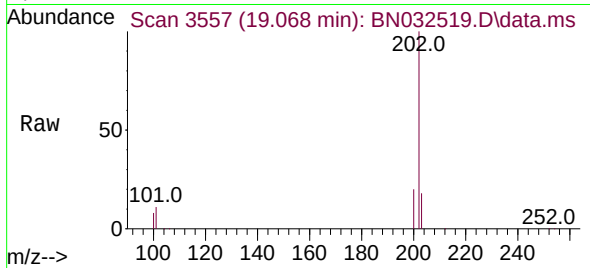
#19
Fluoranthene
Concen: 1.393 ng/ul
RT: 19.068 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

Instrument :
BNA_N
ClientSampleId :
A4B51DL

Tgt Ion:202 Resp: 77174
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.5 6.4 9.6

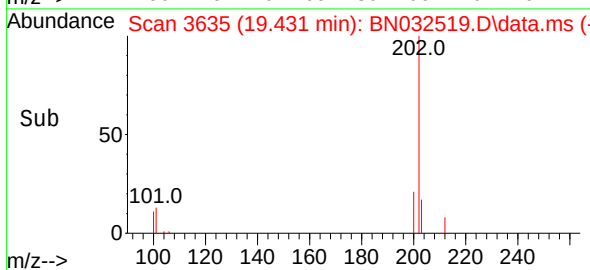
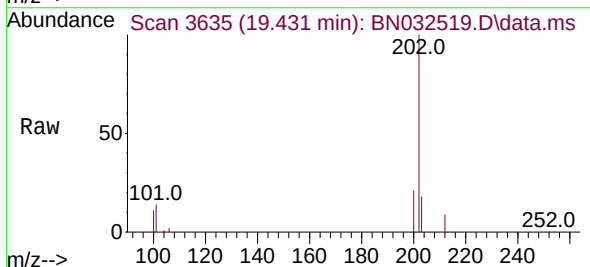
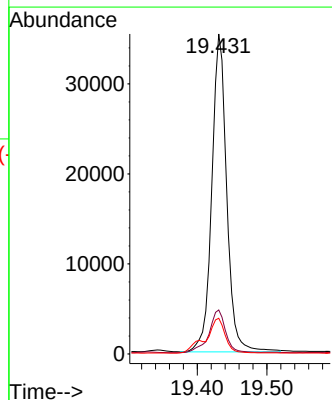
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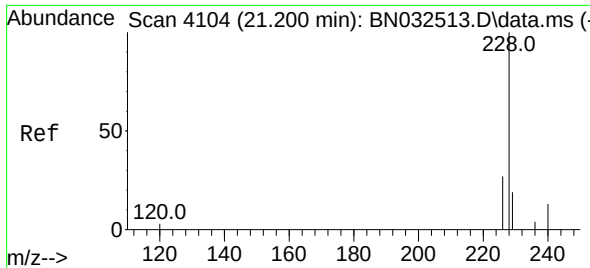
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.910 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.010 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

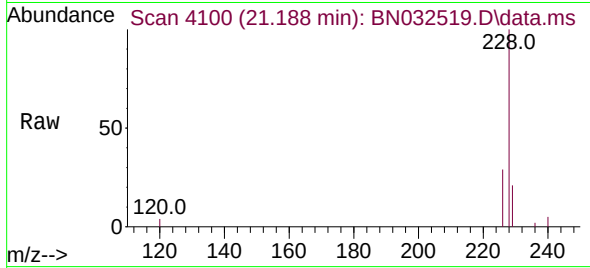
Tgt Ion:202 Resp: 52716
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 11.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.704 ng/ul
RT: 21.188 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

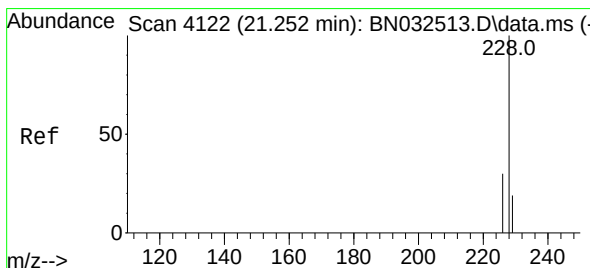
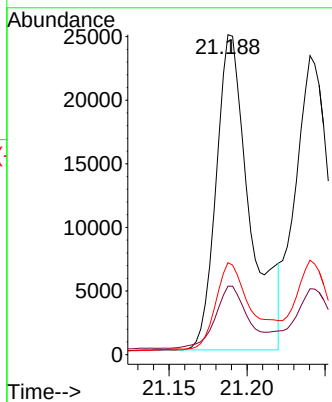
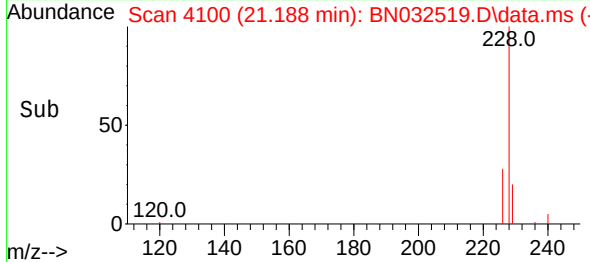
Instrument :
BNA_N
ClientSampleId :
A4B51DL



Tgt Ion:228 Resp: 36960
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.8 21.8 32.8

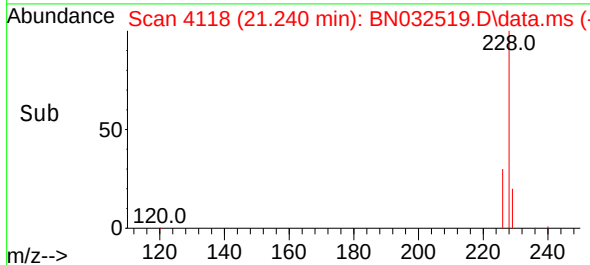
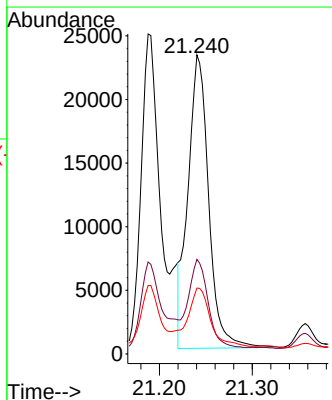
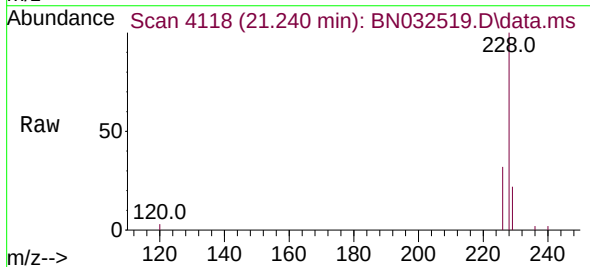
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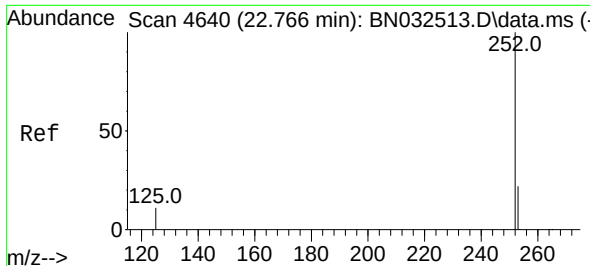
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.622 ng/ul
RT: 21.240 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

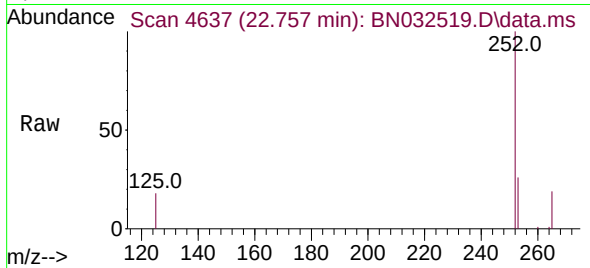
Tgt Ion:228 Resp: 35849
Ion Ratio Lower Upper
228 100
226 31.6 23.6 35.4
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.684 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

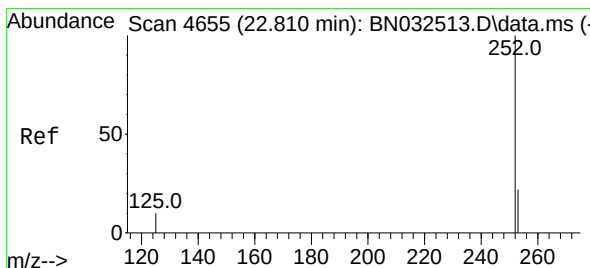
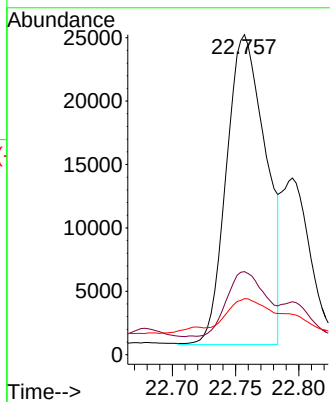
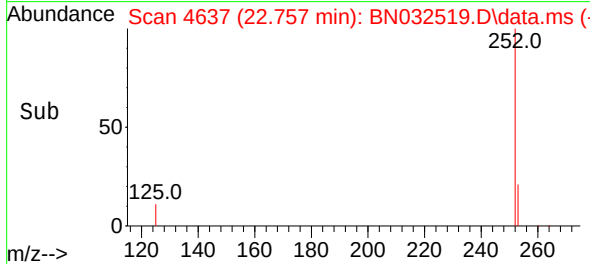
Instrument :
BNA_N
ClientSampleId :
A4B51DL



Tgt Ion:252 Resp: 52910
Ion Ratio Lower Upper
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253 26.0 0.0 50.2
125 17.5 0.0 32.0

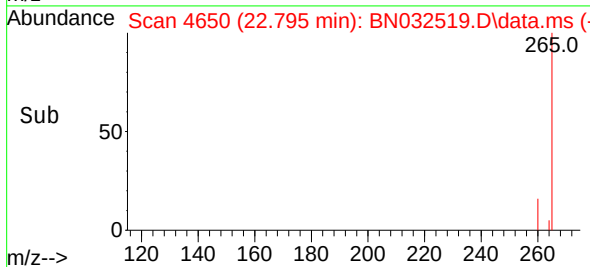
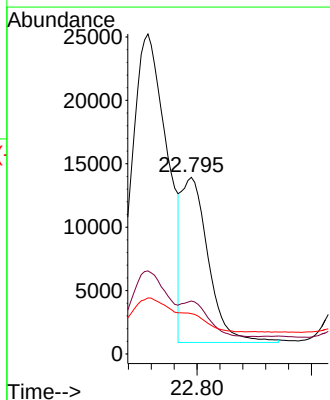
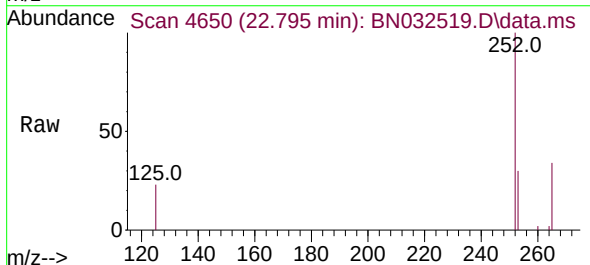
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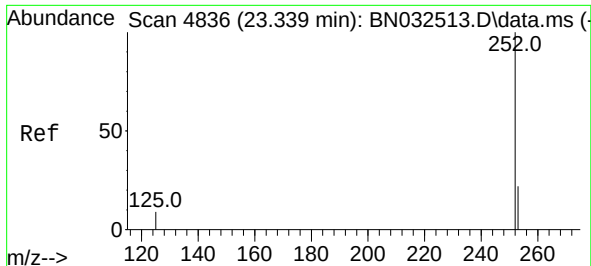
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

Tgt Ion:252 Resp: 21293
Ion Ratio Lower Upper
252 100
253 29.9 20.3 30.5
125 22.8 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.324 min Scan# 4831

Delta R.T. -0.003 min

Lab File: BN032519.D

Acq: 05 Jul 2024 21:55

Instrument :

BNA_N

ClientSampleId :

A4B51DL

Tgt Ion:252 Resp: 1878

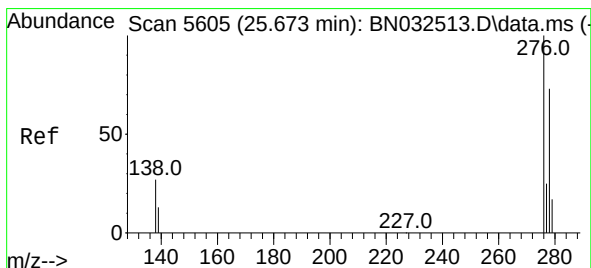
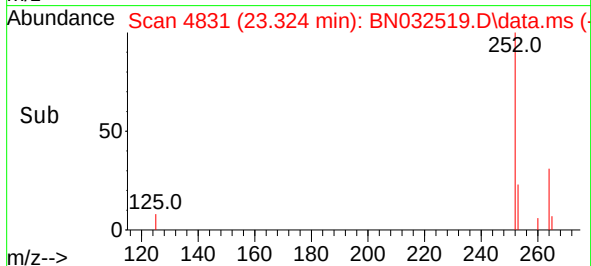
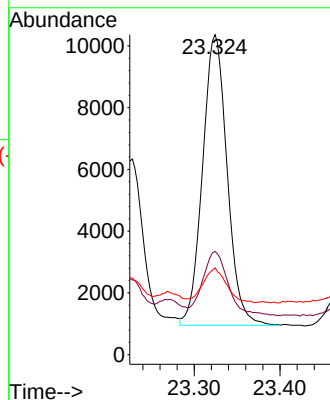
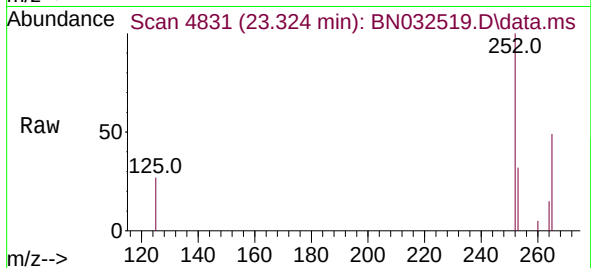
Ion	Ratio	Lower	Upper
252	100		
253	32.3	22.2	33.2
125	27.2	16.4	24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.232 ng/ul

RT: 25.656 min Scan# 5600

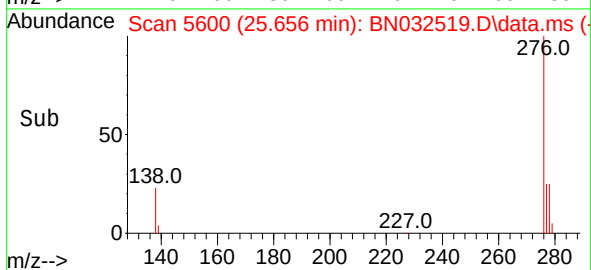
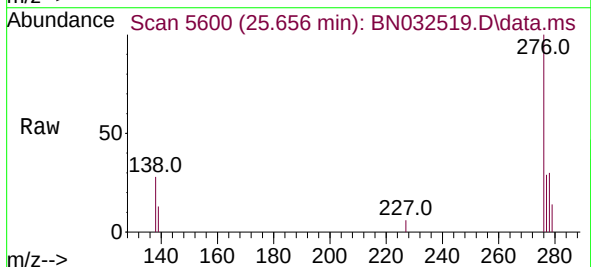
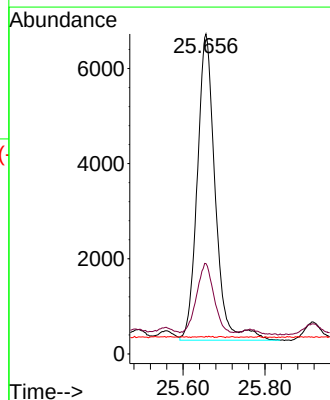
Delta R.T. -0.004 min

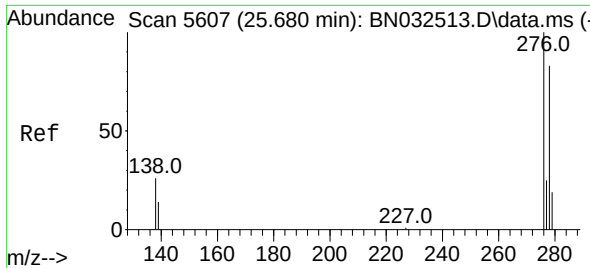
Lab File: BN032519.D

Acq: 05 Jul 2024 21:55

Tgt Ion:276 Resp: 19565

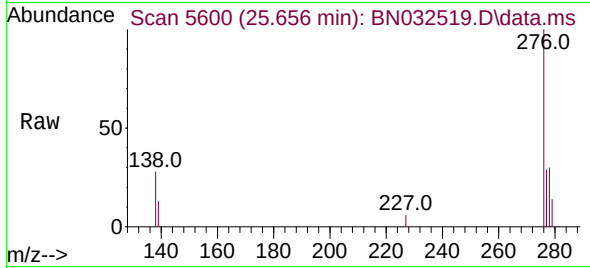
Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.3	31.9
227	0.0	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.656 min Scan# 5100
Delta R.T. -0.010 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55

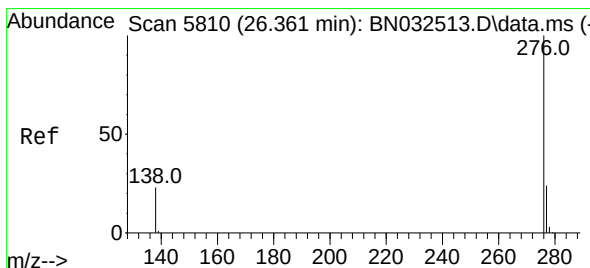
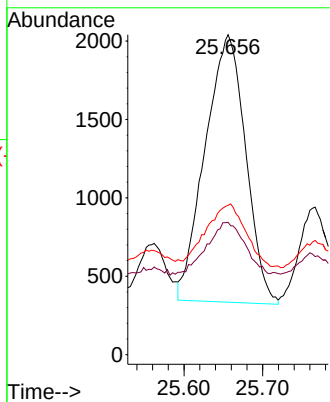
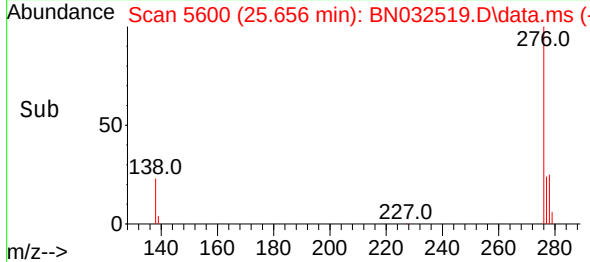
Instrument :
BNA_N
ClientSampleId :
A4B51DL



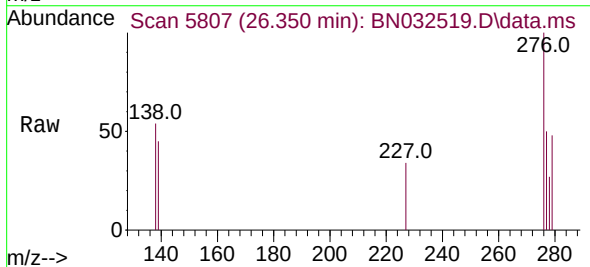
Tgt Ion:278 Resp: 6100
Ion Ratio Lower Upper
278 100
139 41.4 15.9 23.9#
279 46.7 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.350 min Scan# 5807
Delta R.T. 0.006 min
Lab File: BN032519.D
Acq: 05 Jul 2024 21:55



Tgt Ion:276 Resp: 2947
Ion Ratio Lower Upper
276 100
138 54.3 19.8 29.6#
277 49.7 19.8 29.6#

