

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032534.D
 Acq On : 06 Jul 2024 07:35
 Operator : MA/JU
 Sample : P3065-09DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:43:36 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	5973	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.370	136	16970	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.238	164	9435	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.994	188	18899	0.400	ng/ul	-0.01
17) Chrysene-d12	21.204	240	17831	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	21545	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4133	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	902	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2054	0.038	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.419	128	1237	0.028	ng/ul#	72
10) Acenaphthylene	13.960	152	3285	0.084	ng/ul#	91
11) Acenaphthene	14.303	153	953	0.031	ng/ul	94
12) Fluorene	15.297	166	1359	0.037	ng/ul#	93
15) Phenanthrene	17.036	178	29136	0.562	ng/ul	100
16) Anthracene	17.133	178	7276	0.157	ng/ul#	93
19) Fluoranthene	19.063	202	62739	0.924	ng/ul	97
20) Pyrene	19.430	202	45630	0.643	ng/ul	100
21) Benzo(a)anthracene	21.187	228	32638	0.507	ng/ul	96
22) Chrysene	21.239	228	32265	0.457	ng/ul	97
24) Benzo(b)fluoranthene	22.753	252	49271m	0.526	ng/ul	
25) Benzo(k)fluoranthene	22.791	252	20249m	0.223	ng/ul	
26) Benzo(a)pyrene	23.317	252	17007	0.261	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.652	276	18130	0.178	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.652	278	5976	0.079	ng/ul#	59
29) Benzo(g,h,i)perylene	26.339	276	2726	0.034	ng/ul#	51

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

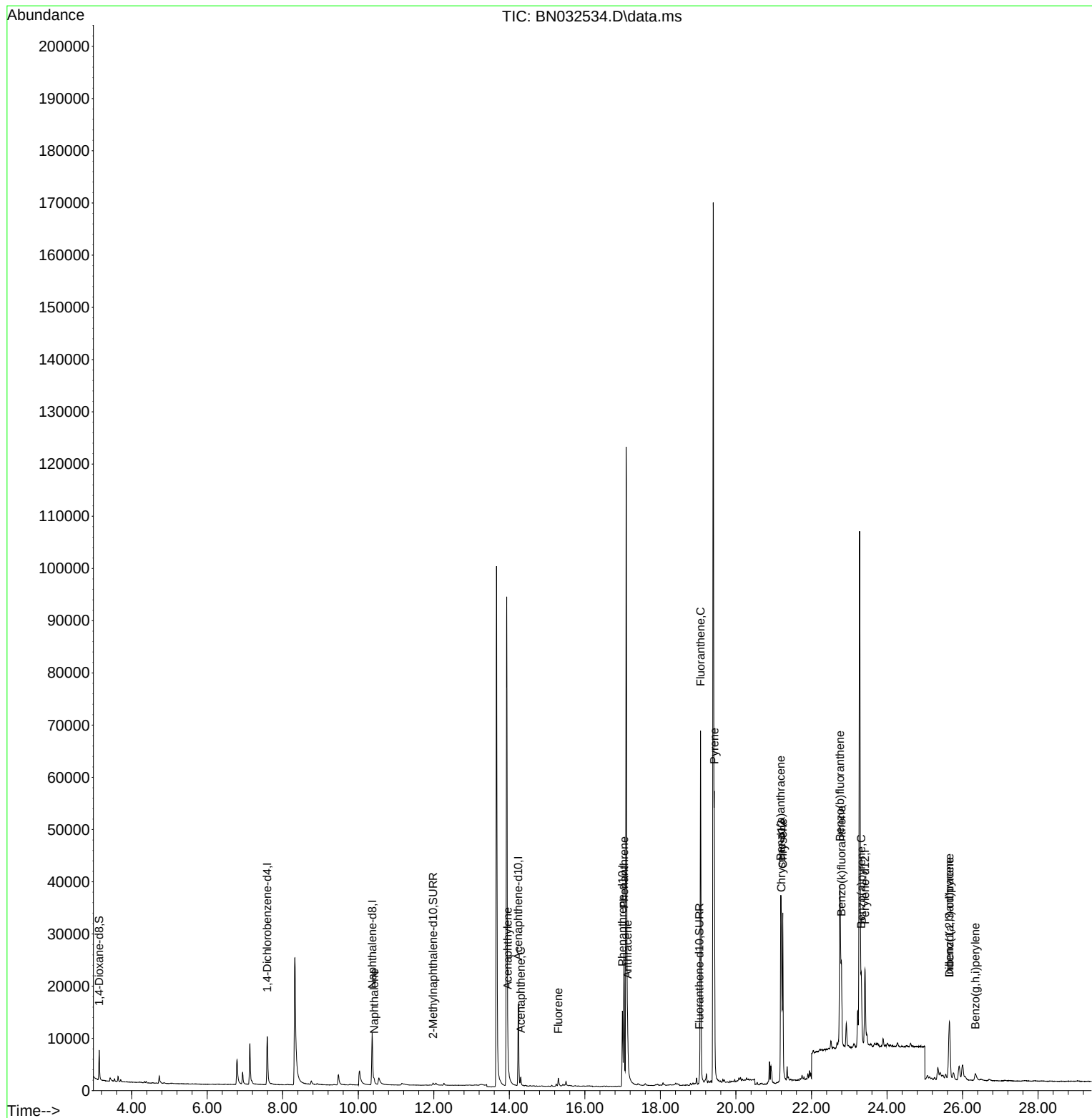
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032534.D
Acq On : 06 Jul 2024 07:35
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Sample : P3065-09DL 5X
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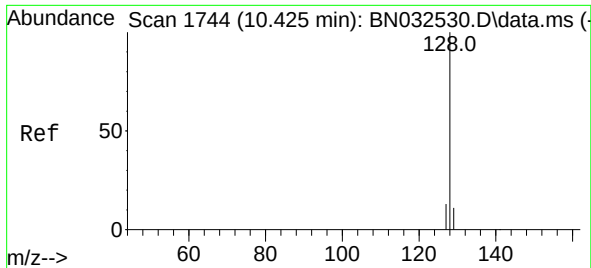
Instrument :
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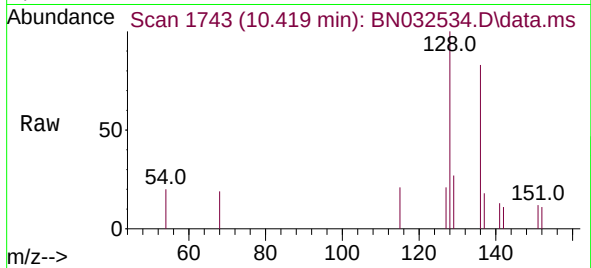
Quant Time: Jul 07 23:43:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

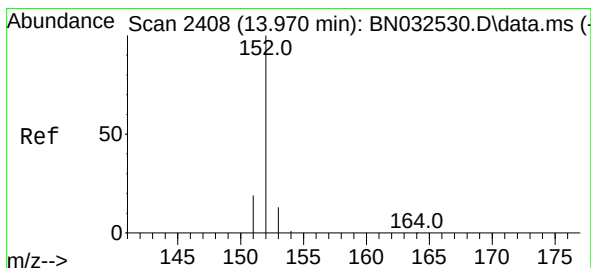
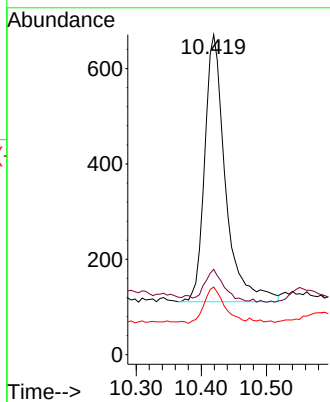
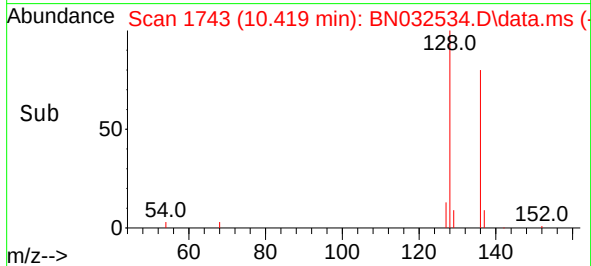
Instrument :
BNA_N
ClientSampleId :
A4CD7DL



Tgt Ion:128 Resp: 123
Ion Ratio Lower Upper
128 100
129 26.7 9.2 13.8#
127 21.2 10.8 16.2#

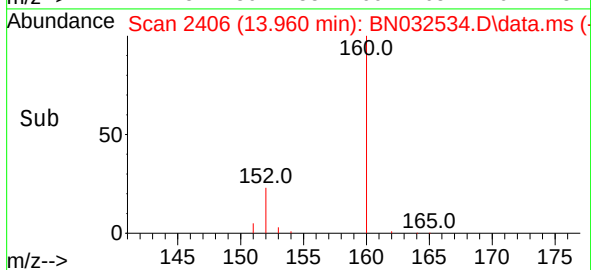
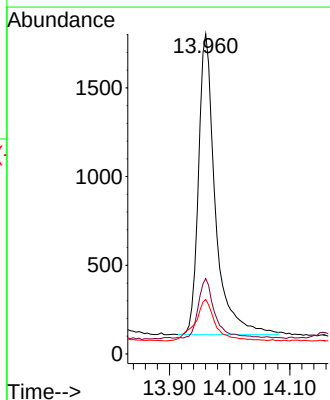
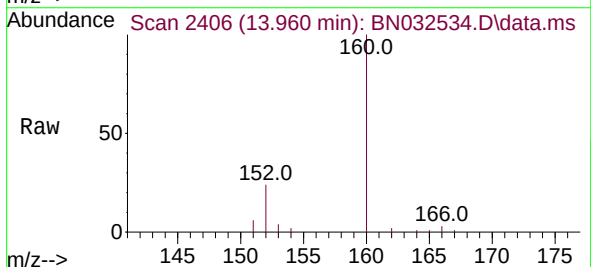
Manual Integrations
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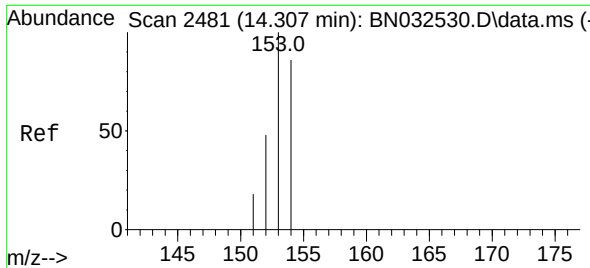
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.960 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

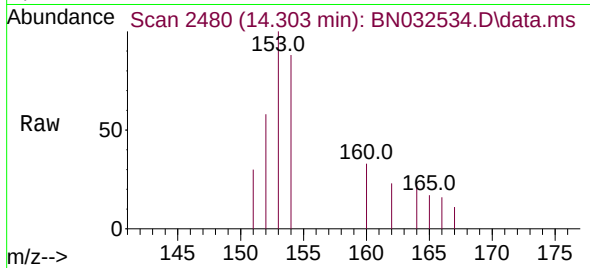
Tgt Ion:152 Resp: 3285
Ion Ratio Lower Upper
152 100
151 23.6 15.7 23.5#
153 17.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.303 min Scan# 2481
Delta R.T. -0.011 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

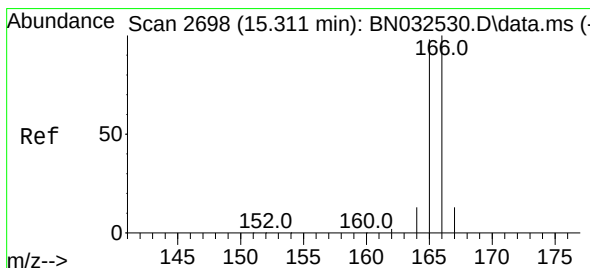
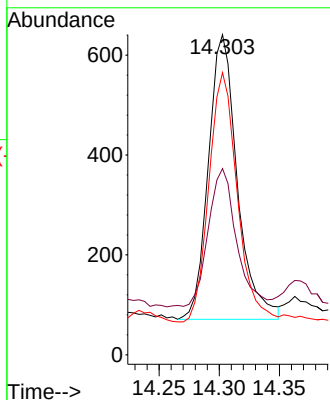
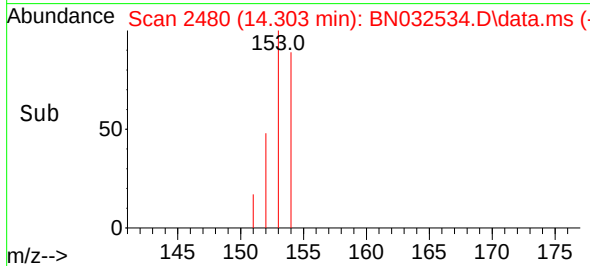
Instrument :
BNA_N
ClientSampleId :
A4CD7DL



Tgt Ion:153 Resp: 953
Ion Ratio Lower Upper
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152 58.2 39.5 59.3
154 88.1 71.7 107.5

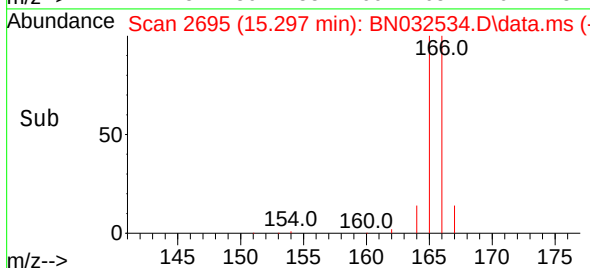
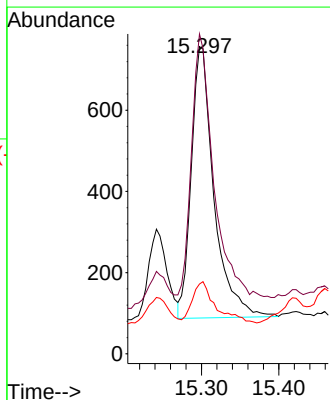
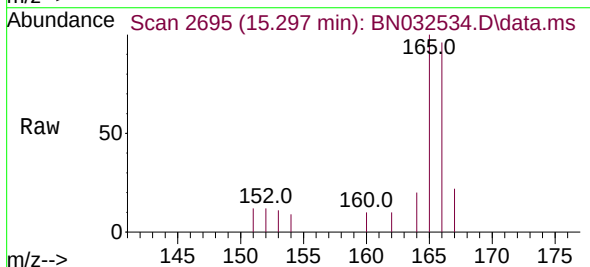
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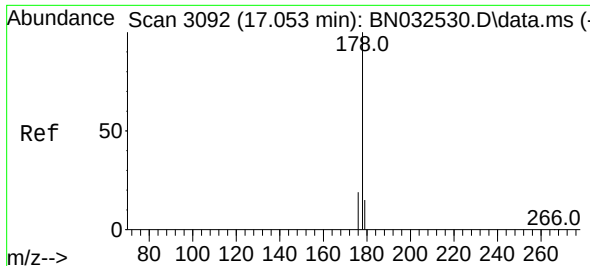
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.297 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

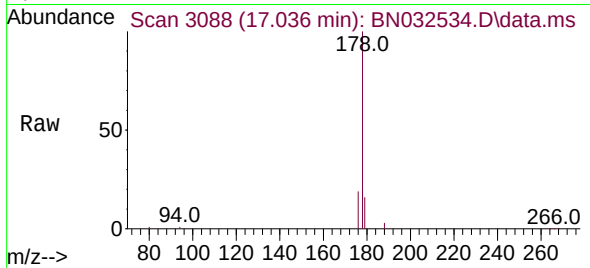
Tgt Ion:166 Resp: 1359
Ion Ratio Lower Upper
166 100
165 104.1 79.0 118.6
167 22.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.562 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

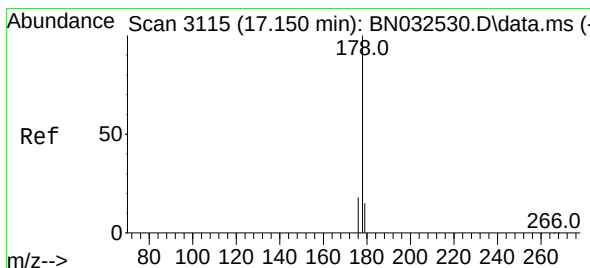
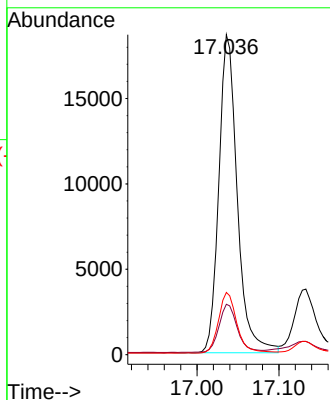
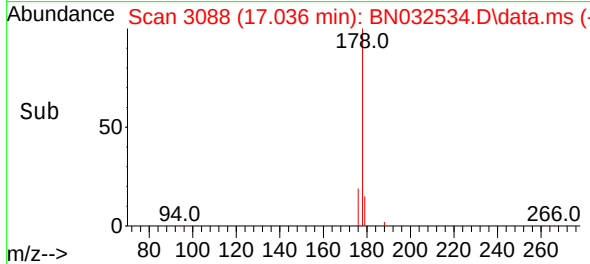
Instrument :
BNA_N
ClientSampleId :
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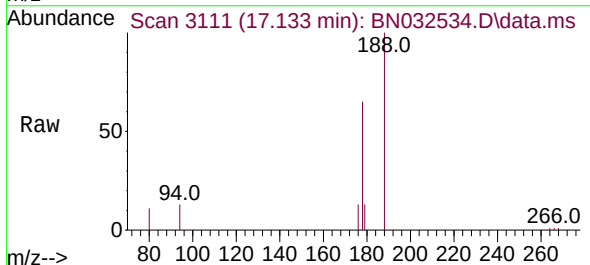
Tgt Ion:178 Resp: 29136
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.5 15.6 23.4

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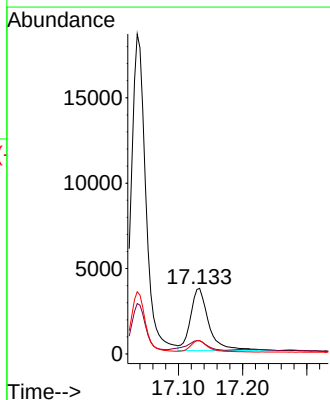
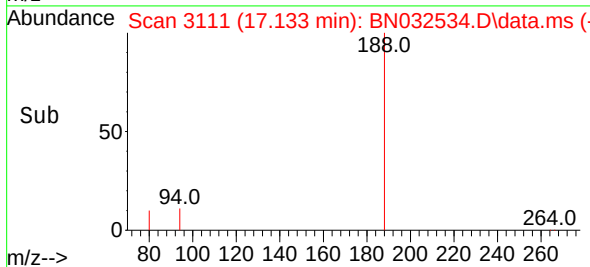
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

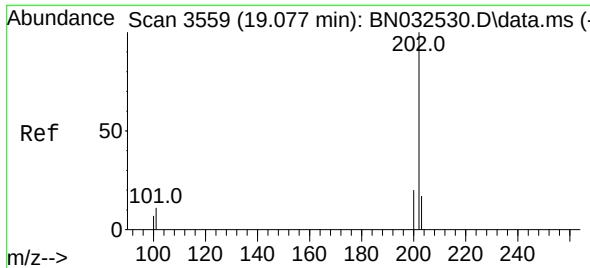


#16
Anthracene
Concen: 0.157 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35



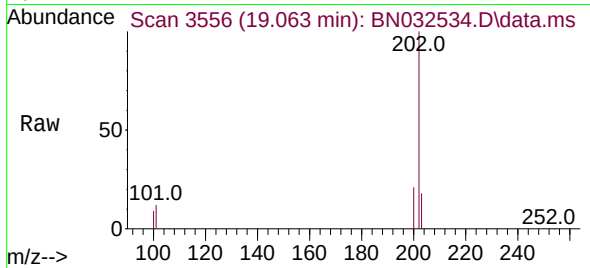
Tgt Ion:178 Resp: 7276
Ion Ratio Lower Upper
178 100
179 20.2 12.5 18.7#
176 20.2 15.0 22.6





#19
Fluoranthene
Concen: 0.924 ng/ul
RT: 19.063 min Scan# 3556
Delta R.T. -0.011 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

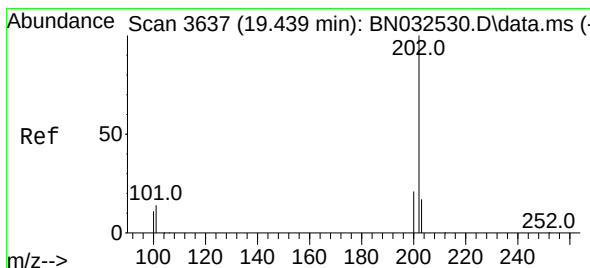
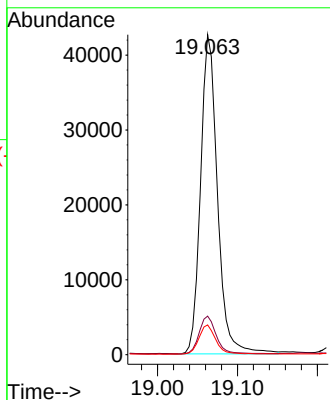
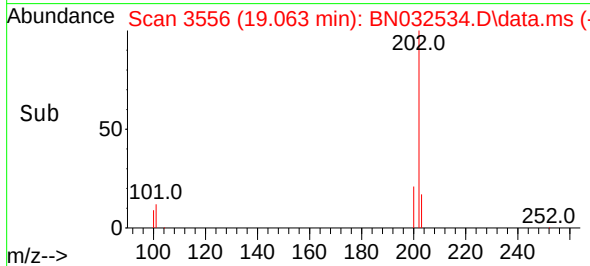
Instrument :
BNA_N
ClientSampleId :
A4CD7DL



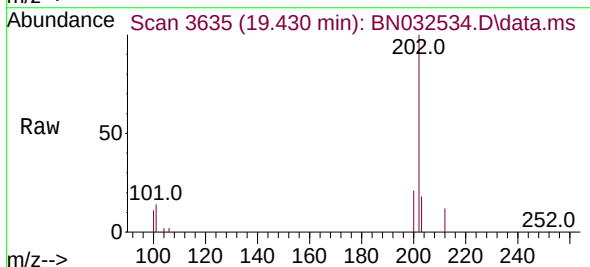
Tgt Ion:202 Resp: 62739
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.3 6.4 9.6

Manual Integrations
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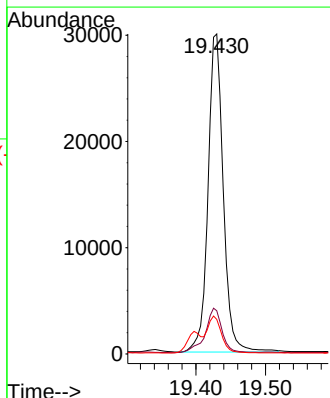
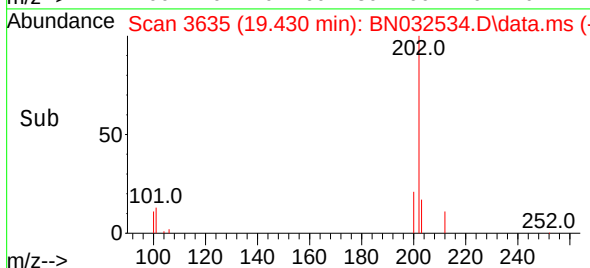
Reviewed By :Yogesh Patel 07/08/2024
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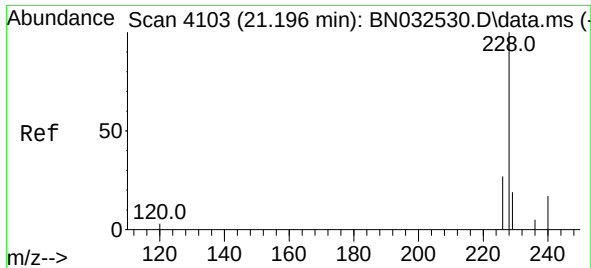


#20
Pyrene
Concen: 0.643 ng/ul
RT: 19.430 min Scan# 3635
Delta R.T. -0.011 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35



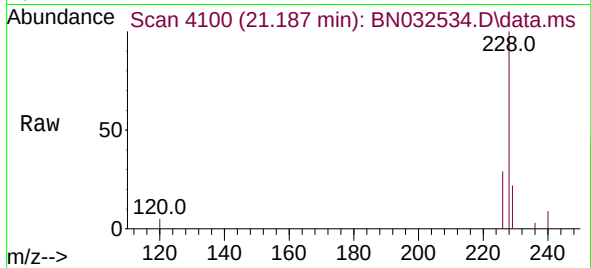
Tgt Ion:202 Resp: 45630
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 10.8 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.507 ng/ul
RT: 21.187 min Scan# 4118
Delta R.T. -0.004 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

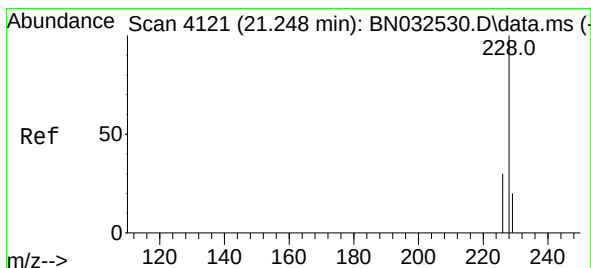
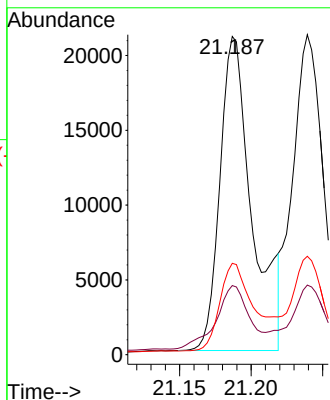
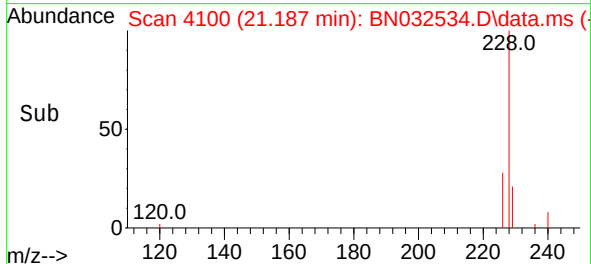
Instrument :
BNA_N
ClientSampleId :
A4CD7DL



Tgt Ion:228 Resp: 32638
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.7 21.8 32.8

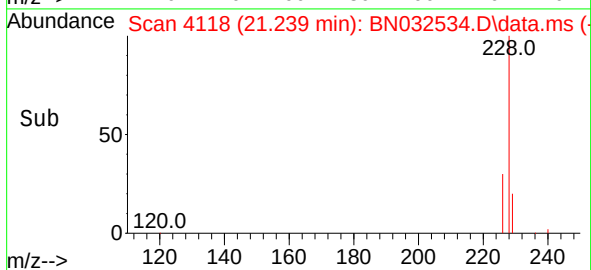
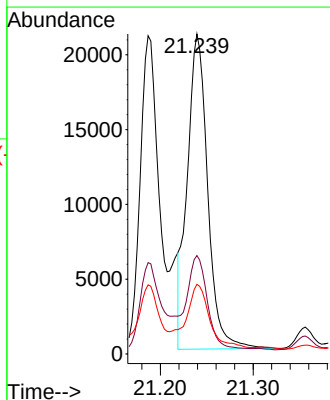
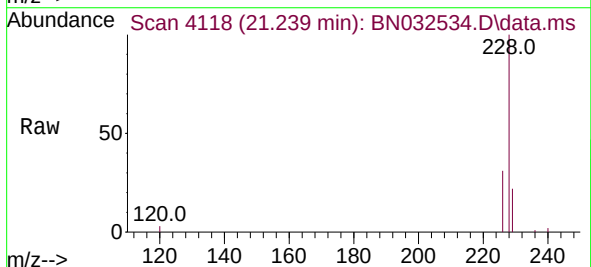
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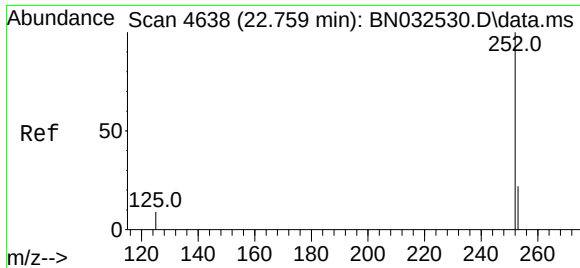
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.239 min Scan# 4118
Delta R.T. -0.004 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

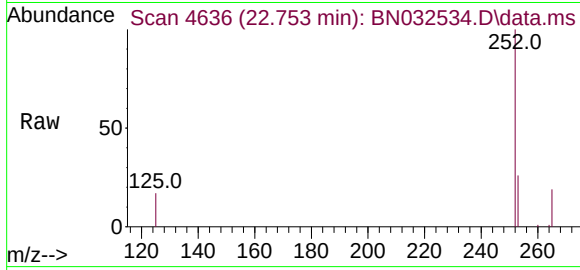
Tgt Ion:228 Resp: 32265
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.526 ng/ul m
RT: 22.753 min Scan# 4638
Delta R.T. -0.004 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

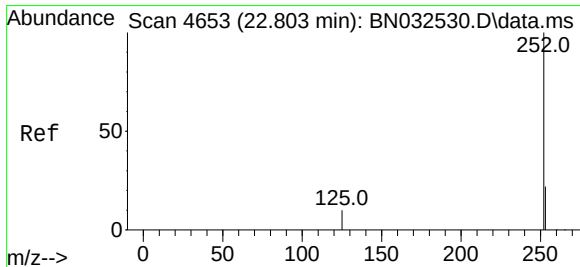
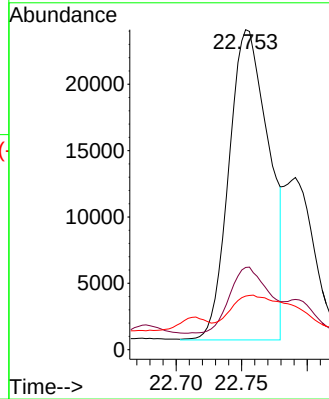
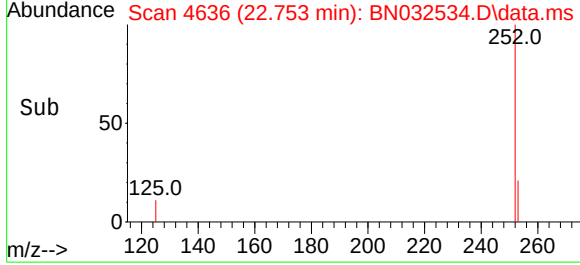
Instrument :
BNA_N
ClientSampleId :
A4CD7DL



Tgt Ion:252 Resp: 4927
Ion Ratio Lower Upper
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253 25.7 0.0 50.2
125 16.7 0.0 32.0

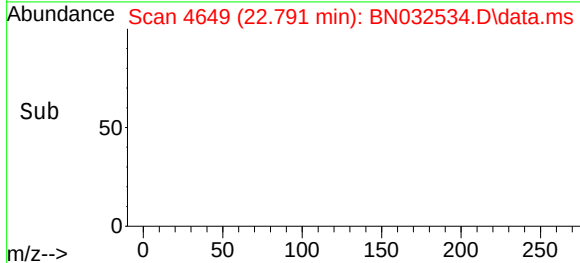
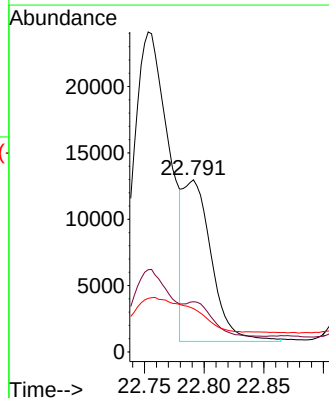
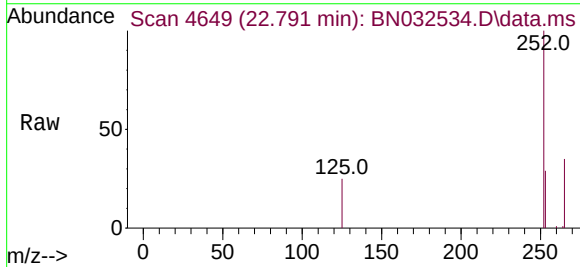
Manual Integrations
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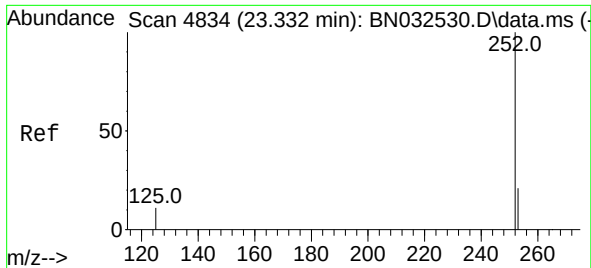
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.223 ng/ul m
RT: 22.791 min Scan# 4649
Delta R.T. -0.010 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

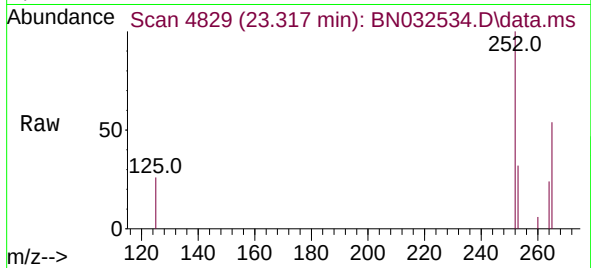
Tgt Ion:252 Resp: 20249
Ion Ratio Lower Upper
252 100
253 29.2 20.3 30.5
125 25.2 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.317 min Scan# 4829
Delta R.T. -0.010 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

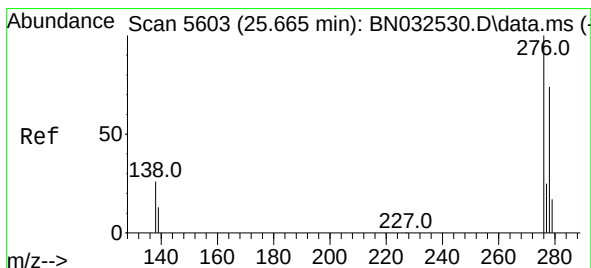
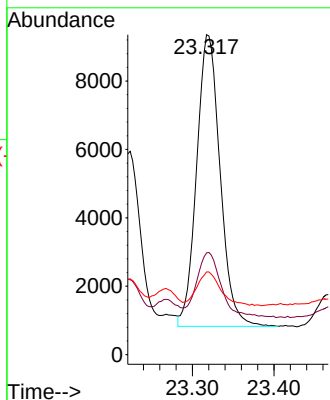
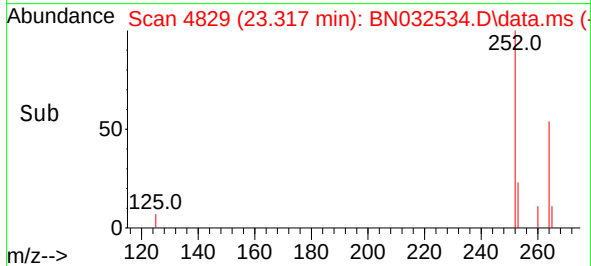
Instrument :
BNA_N
ClientSampleId :
A4CD7DL



Tgt Ion:252 Resp: 1700
Ion Ratio Lower Upper
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125 25.8 16.4 24.6

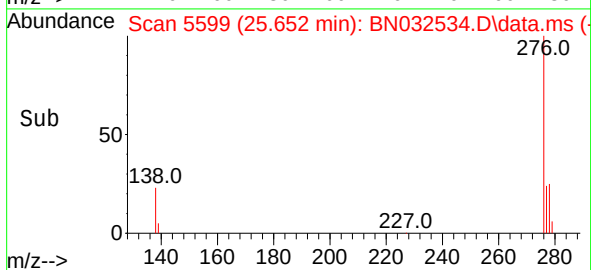
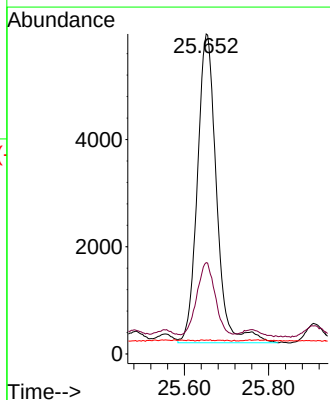
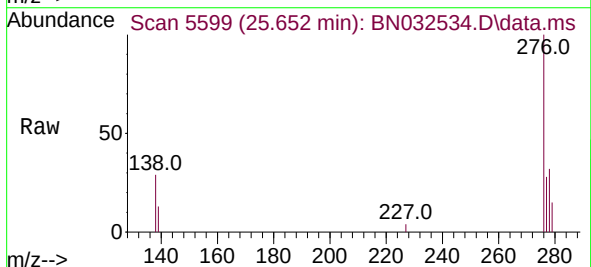
Manual Integrations
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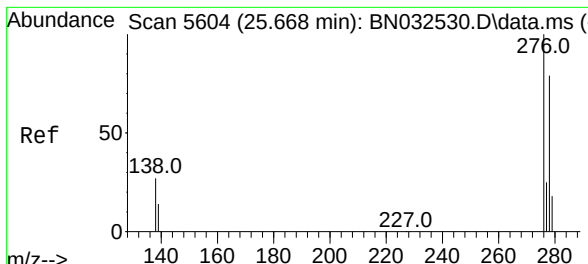
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. -0.008 min
Lab File: BN032534.D
Acq: 06 Jul 2024 07:35

Tgt Ion:276 Resp: 18130
Ion Ratio Lower Upper
276 100
138 22.7 21.3 31.9
227 0.0 0.1 0.1





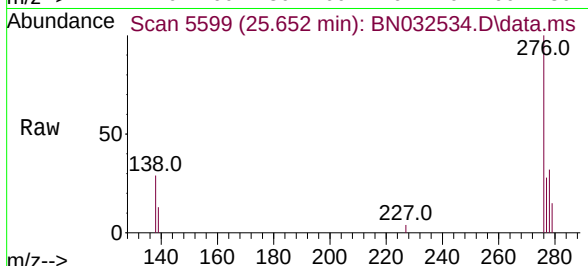
#28
 Dibenzo(a,h)anthracene
 Concen: 0.079 ng/ul
 RT: 25.652 min Scan# 5599
 Delta R.T. -0.015 min
 Lab File: BN032534.D
 Acq: 06 Jul 2024 07:35

Instrument :

BNA_N

ClientSampleId :

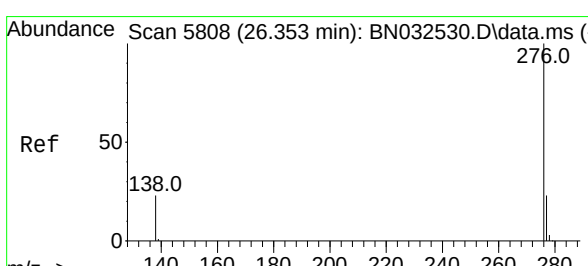
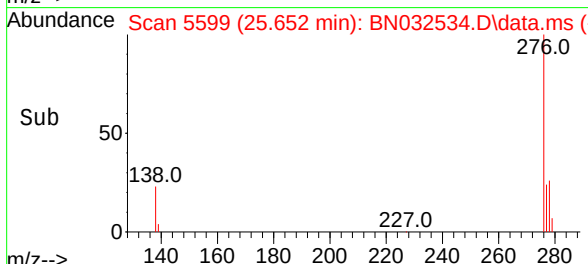
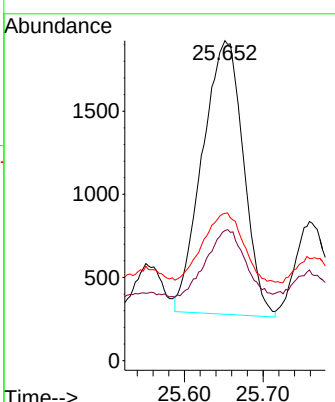
A4CD7DL



Tgt Ion:	278	Resp:	5970
Ion Ratio	Lower	Upper	
278	100		
139	40.6	15.9	23.9#
279	46.0	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: 0.034 ng/ul
 RT: 26.339 min Scan# 5804
 Delta R.T. -0.005 min
 Lab File: BN032534.D
 Acq: 06 Jul 2024 07:35

Tgt Ion:	276	Resp:	2726
Ion Ratio	Lower	Upper	
276	100		
138	51.3	19.8	29.6#
277	47.0	19.8	29.6#

