

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032537.D
 Acq On : 06 Jul 2024 09:24
 Operator : MA/JU
 Sample : P2964-12DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:44:09 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	5975	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.370	136	16937	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.238	164	9448	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.994	188	18819	0.400	ng/ul	-0.01
17) Chrysene-d12	21.201	240	18241	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	21623	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4663	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	965	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.030	212	2249	0.041	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	3971	0.089	ng/ul#	91
7) 2-Methylnaphthalene	12.052	142	1212	0.041	ng/ul	98
8) 1-Methylnaphthalene	12.267	142	973	0.032	ng/ul	95
10) Acenaphthylene	13.960	152	8984	0.229	ng/ul	96
11) Acenaphthene	14.303	153	3352	0.110	ng/ul	97
12) Fluorene	15.297	166	4140	0.114	ng/ul#	99
15) Phenanthrene	17.036	178	92203	1.787	ng/ul	99
16) Anthracene	17.129	178	20641	0.449	ng/ul	97
19) Fluoranthene	19.063	202	226852	3.266	ng/ul	99
20) Pyrene	19.430	202	168639	2.323	ng/ul	98
21) Benzo(a)anthracene	21.187	228	105705	1.606	ng/ul	98
22) Chrysene	21.239	228	124861m	1.728	ng/ul	
24) Benzo(b)fluoranthene	22.753	252	174819m	1.861	ng/ul	
25) Benzo(k)fluoranthene	22.791	252	67851m	0.743	ng/ul	
26) Benzo(a)pyrene	23.320	252	66616	1.019	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.645	276	65723	0.642	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.642	278	21515	0.283	ng/ul#	85
29) Benzo(g,h,i)perylene	26.332	276	9945	0.122	ng/ul#	77

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

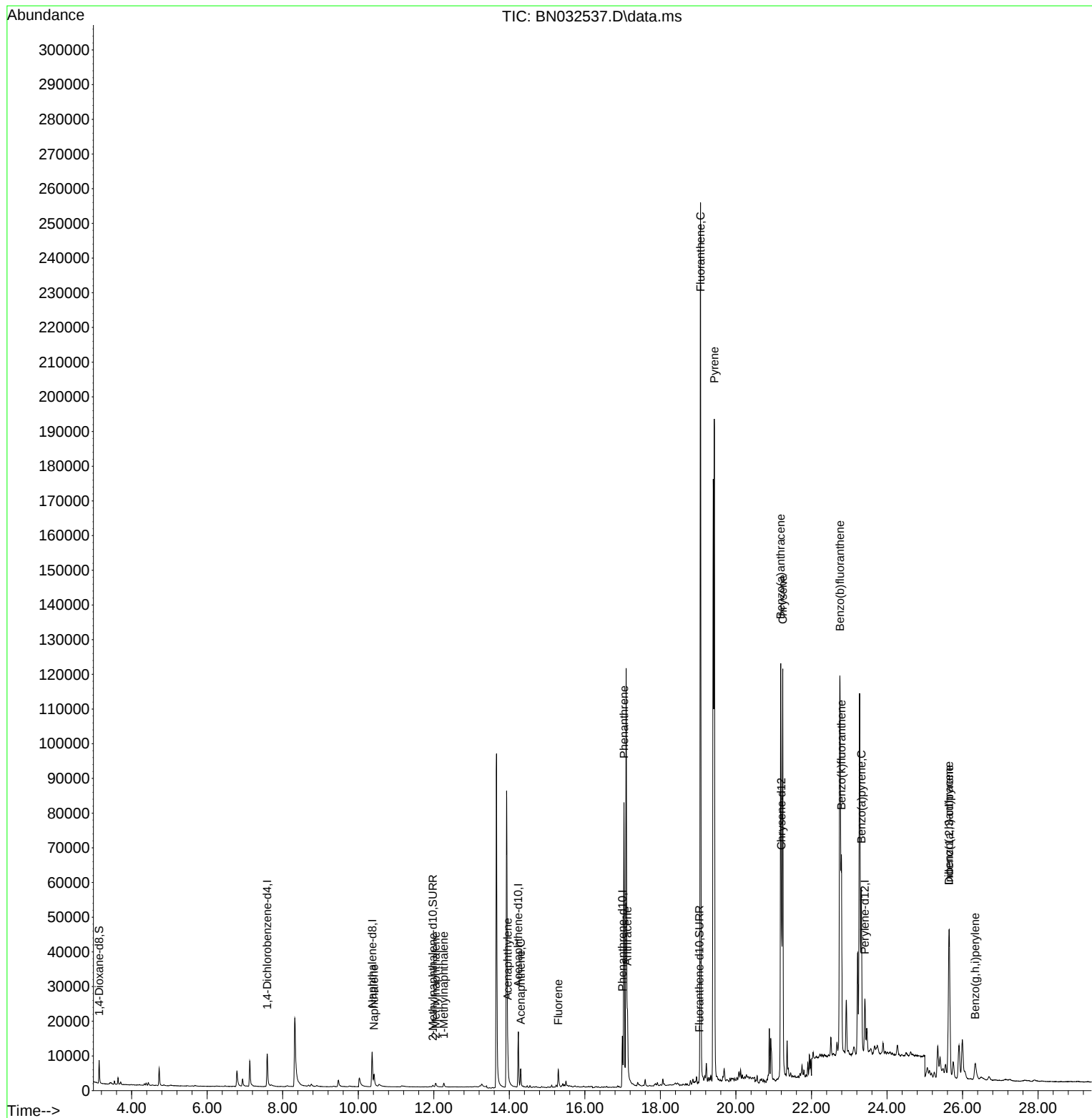
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032537.D
Acq On : 06 Jul 2024 09:24
Operator : MA/JU
Sample : P2964-12DL 5X
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ALS Vial : 38 Sample Multiplier: 1

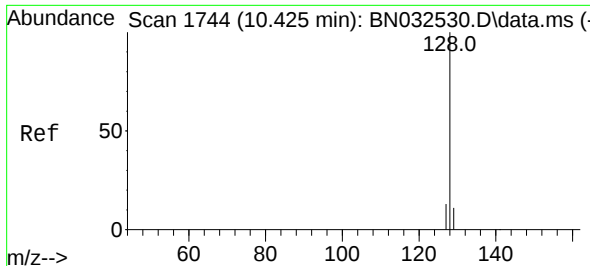
Instrument :
BNA_N
ClientSampleId :
A4CS6DL

Manual Integrations
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Supervised By :mohammad ahmed 07/08/2024

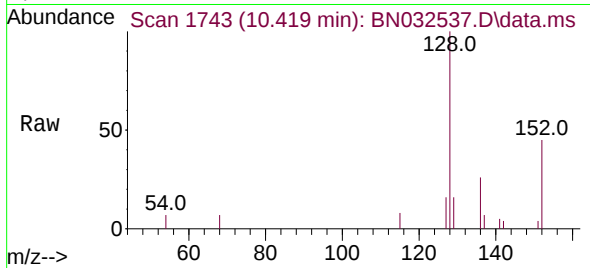
Quant Time: Jul 07 23:44:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.419 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

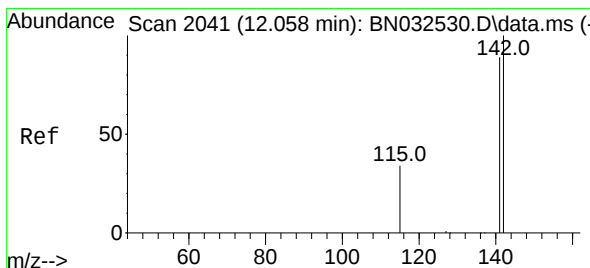
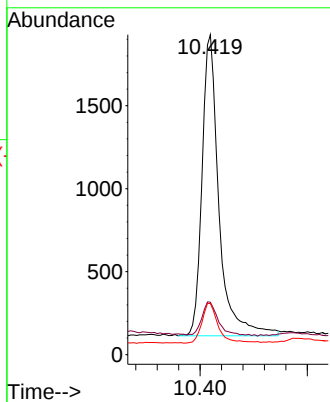
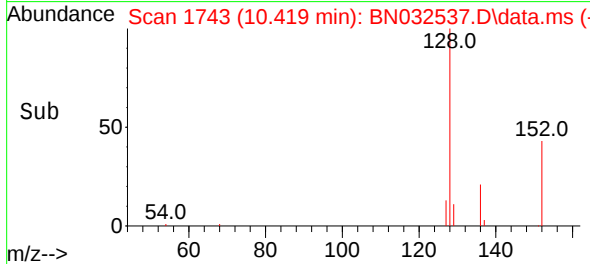
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:128 Resp: 397
Ion Ratio Lower Upper
128 100
129 16.4 9.2 13.8
127 16.0 10.8 16.2

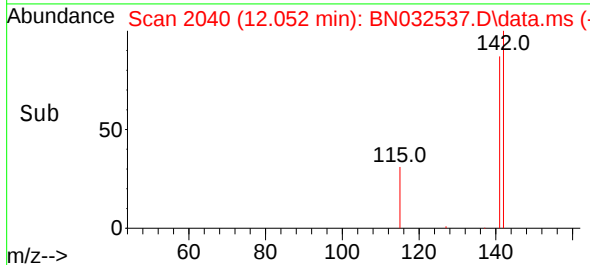
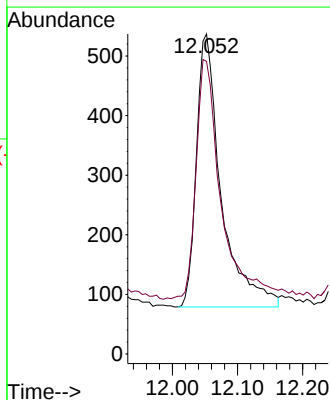
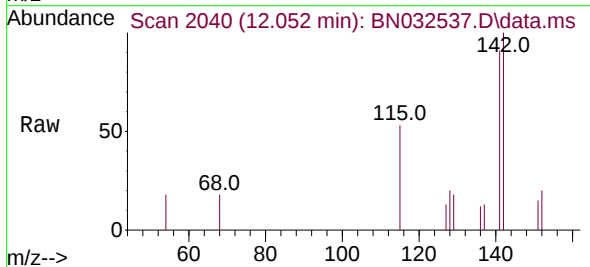
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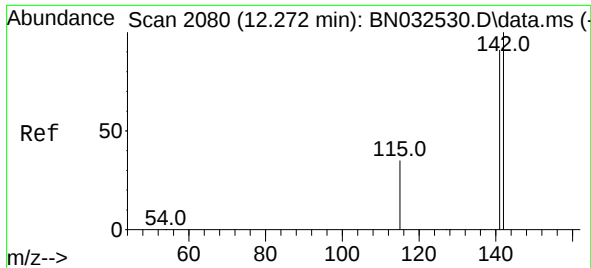
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

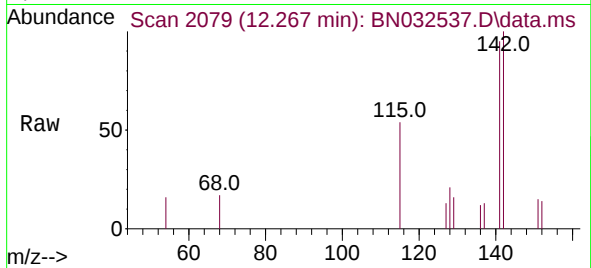
Tgt Ion:142 Resp: 1212
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

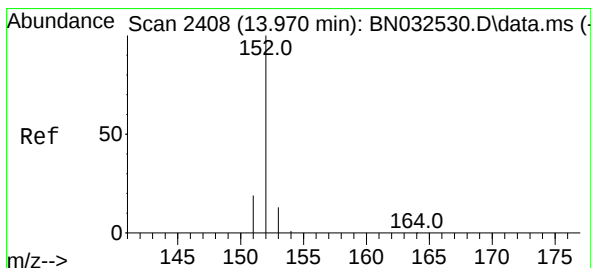
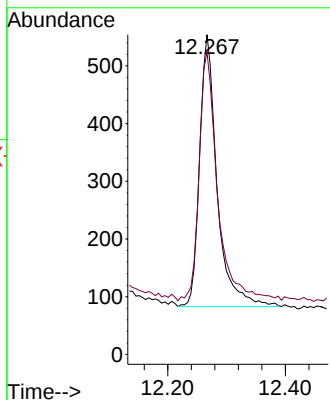
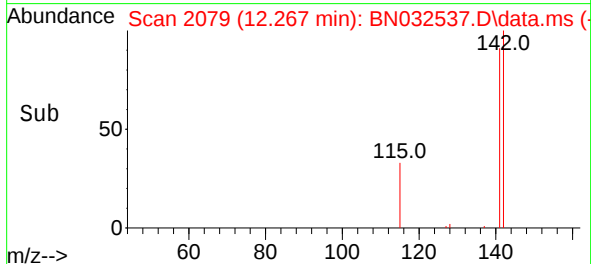
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:142 Resp: 973
Ion Ratio Lower Upper
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141 96.0 73.4 110.0

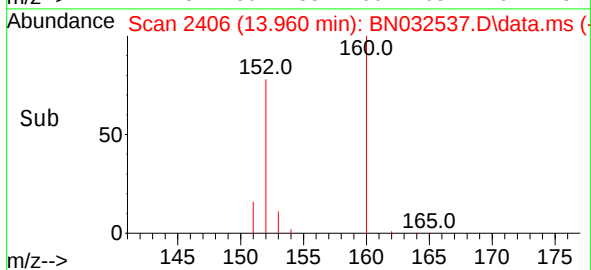
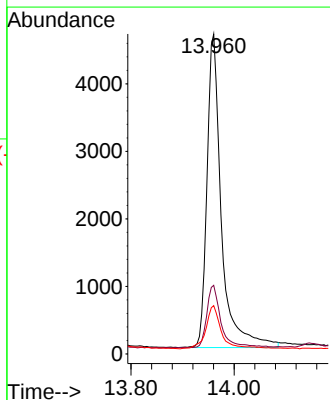
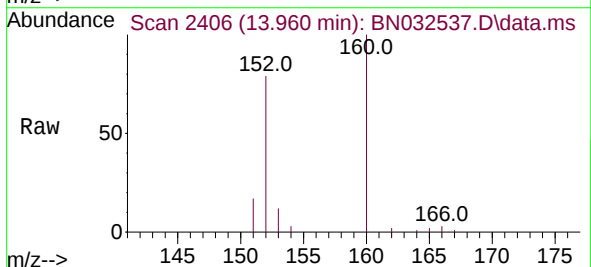
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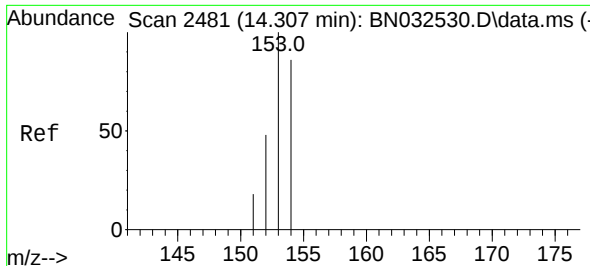
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.229 ng/ul
RT: 13.960 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

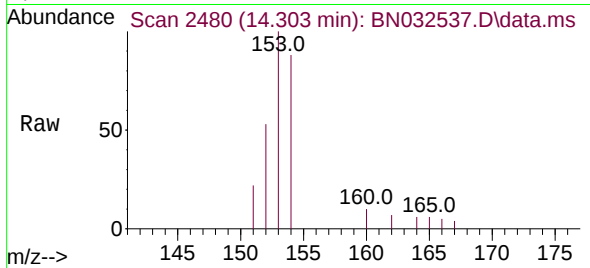
Tgt Ion:152 Resp: 8984
Ion Ratio Lower Upper
152 100
151 21.5 15.7 23.5
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.110 ng/ul
RT: 14.303 min Scan# 2481
Delta R.T. -0.011 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

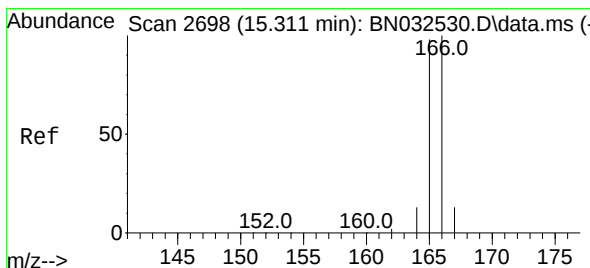
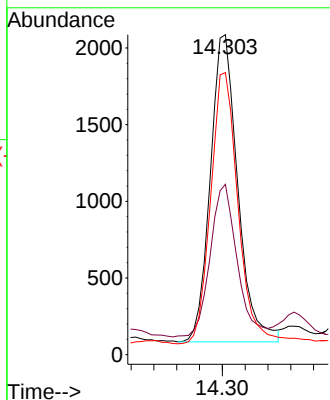
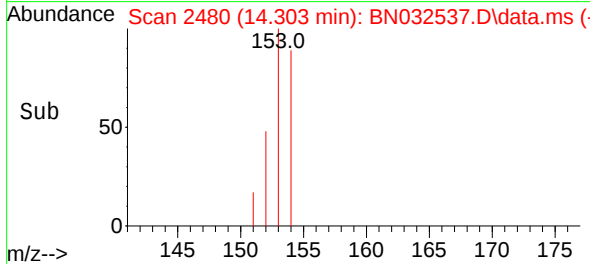
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:153 Resp: 3352
Ion Ratio Lower Upper
153 100
152 53.2 39.5 59.3
154 88.2 71.7 107.5

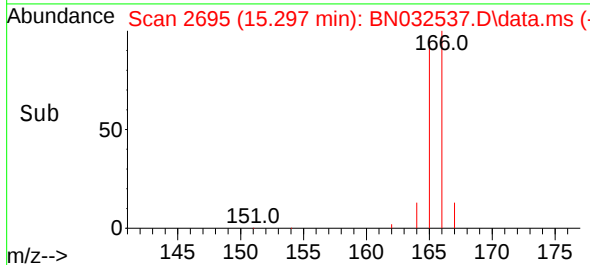
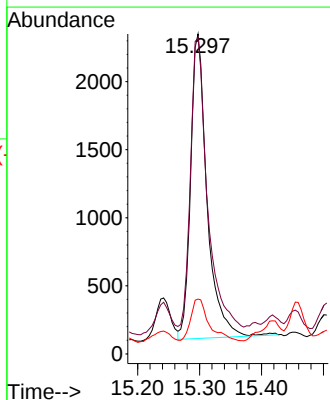
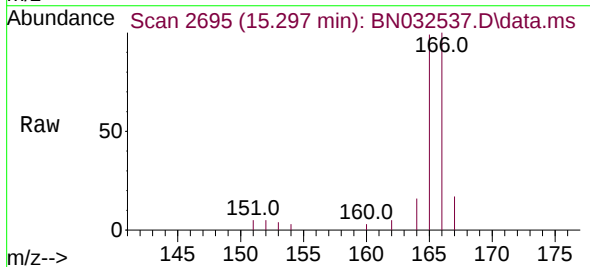
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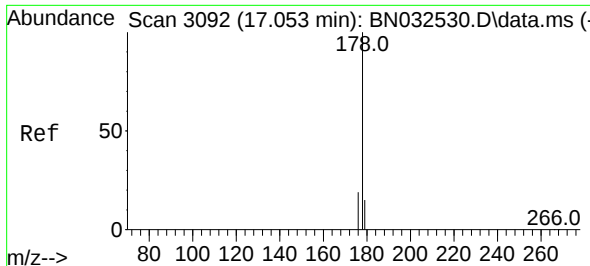
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.297 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

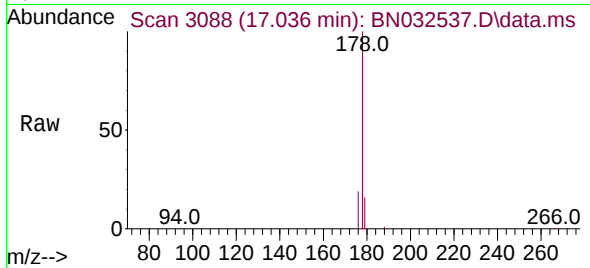
Tgt Ion:166 Resp: 4140
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 17.1 11.0 16.6#





#15
Phenanthrene
Concen: 1.787 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

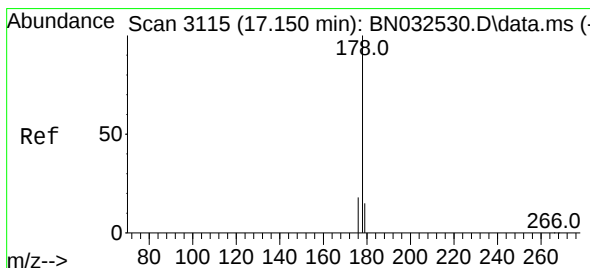
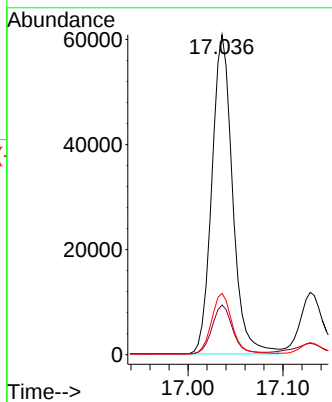
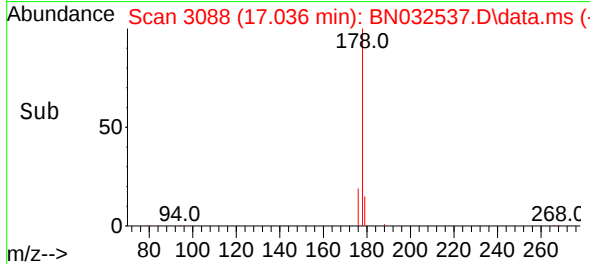
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:178 Resp: 92203
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4

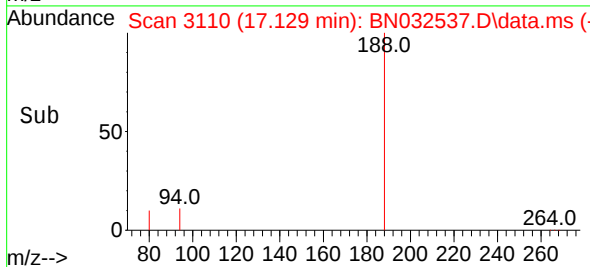
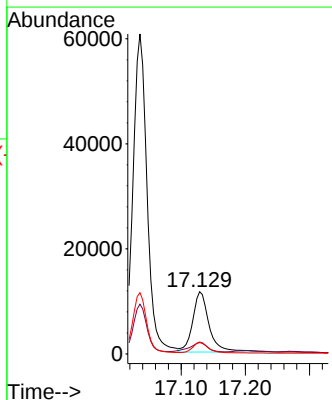
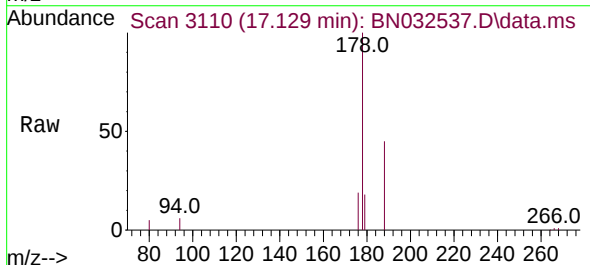
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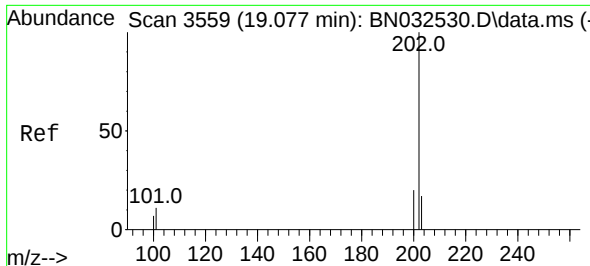
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.449 ng/ul
RT: 17.129 min Scan# 3110
Delta R.T. -0.014 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

Tgt Ion:178 Resp: 20641
Ion Ratio Lower Upper
178 100
179 18.2 12.5 18.7
176 19.1 15.0 22.6





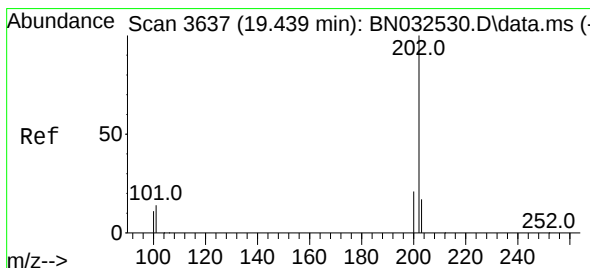
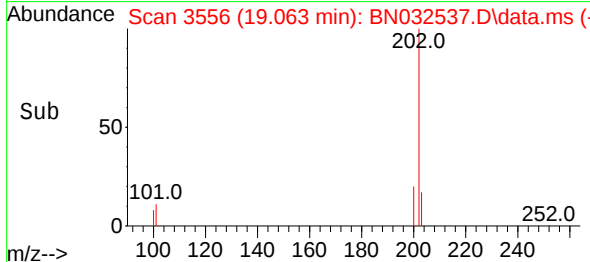
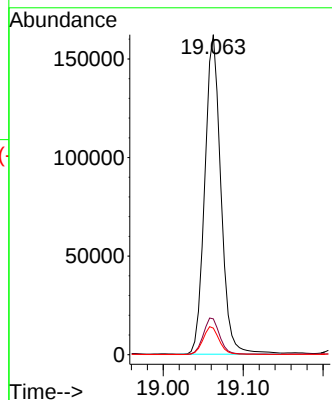
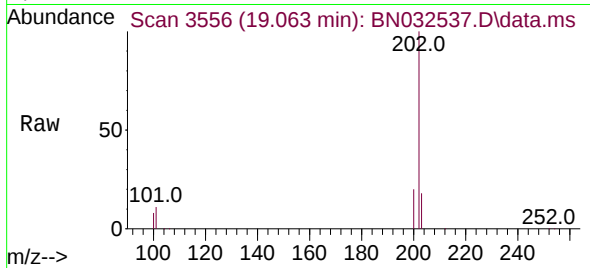
#19
Fluoranthene
Concen: 3.266 ng/ul
RT: 19.063 min Scan# 3559
Delta R.T. -0.011 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

Instrument :
BNA_N
ClientSampleId :
A4CS6DL

Tgt Ion:202 Resp: 22685
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.4 9.6

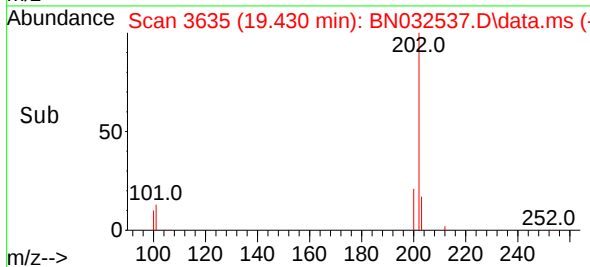
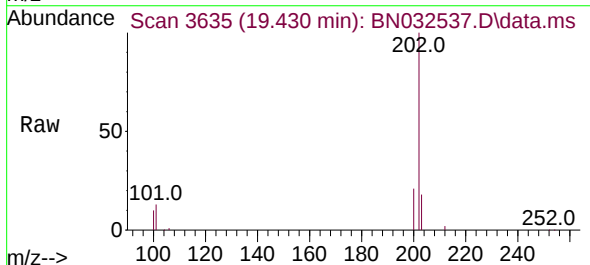
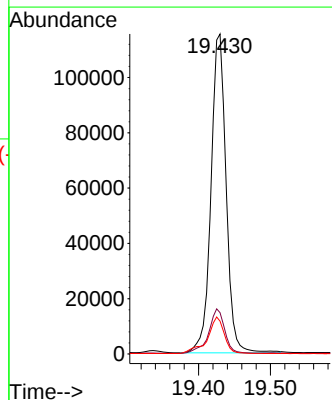
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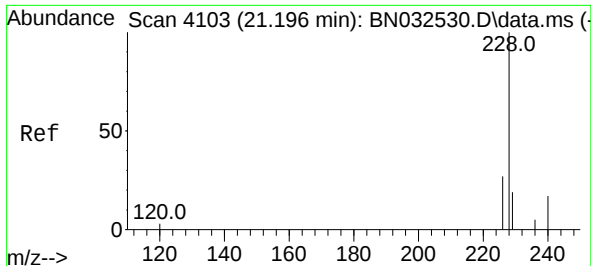
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 2.323 ng/ul
RT: 19.430 min Scan# 3635
Delta R.T. -0.011 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

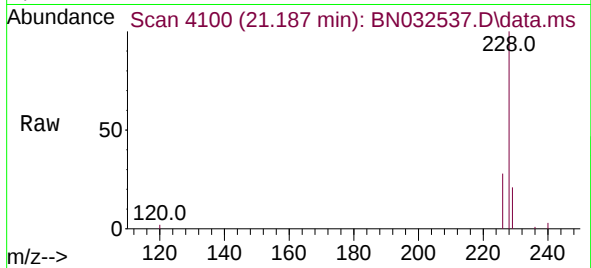
Tgt Ion:202 Resp: 168639
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.606 ng/ul
RT: 21.187 min Scan# 4110
Delta R.T. -0.004 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

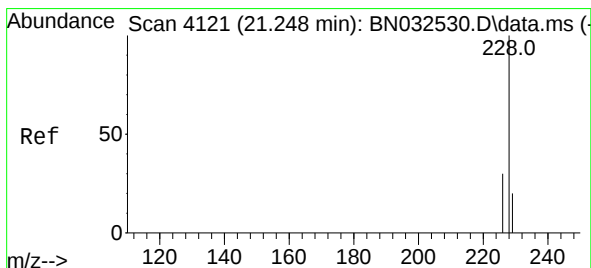
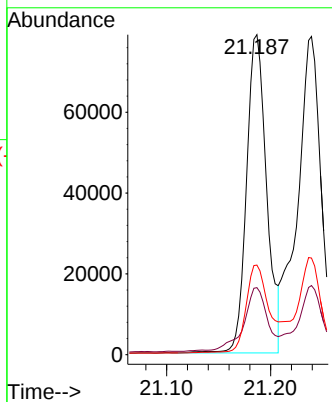
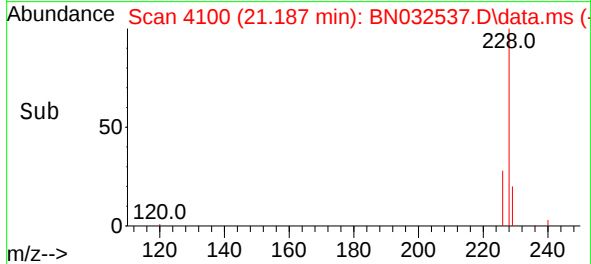
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:228 Resp: 105709
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.0 21.8 32.8

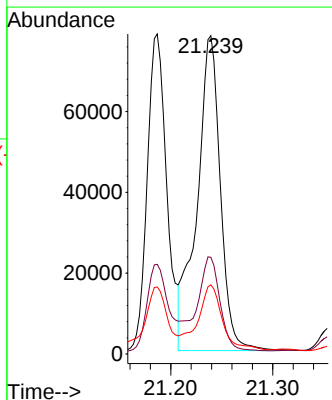
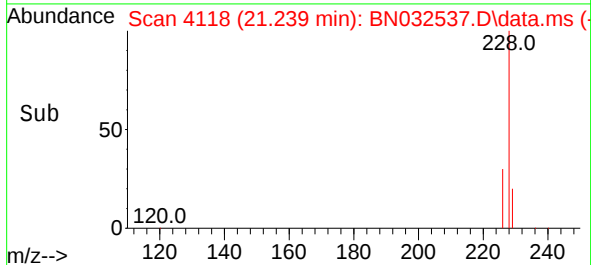
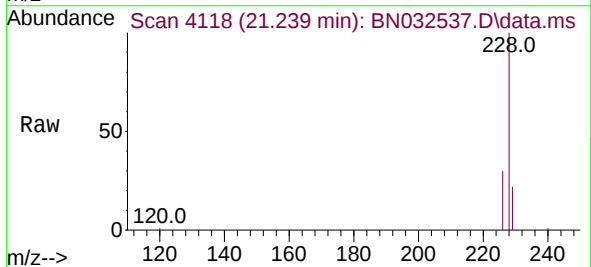
Manual Integrations
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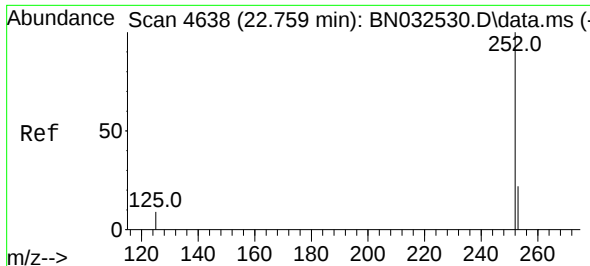
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.728 ng/ul m
RT: 21.239 min Scan# 4118
Delta R.T. -0.004 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

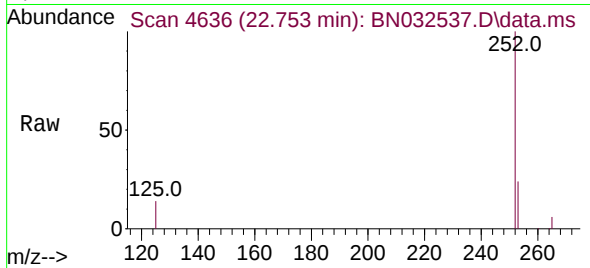
Tgt Ion:228 Resp: 124861
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.861 ng/ul m
RT: 22.753 min Scan# 4636
Delta R.T. -0.004 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

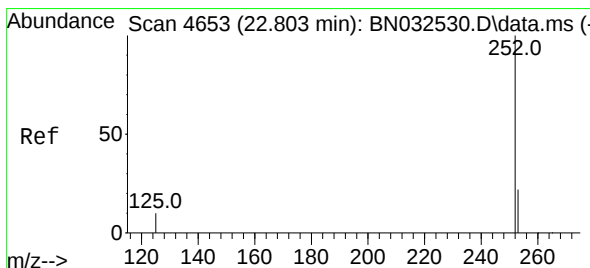
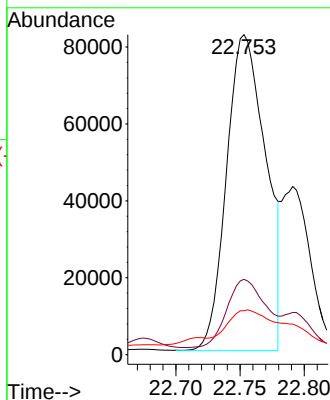
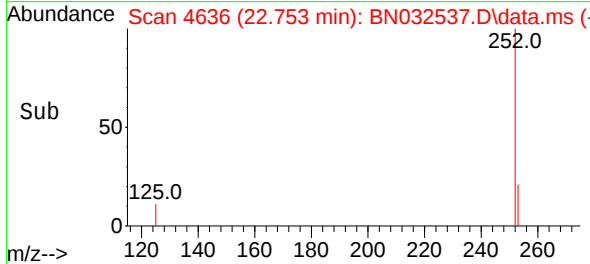
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:252 Resp: 174819
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 13.8 0.0 32.0

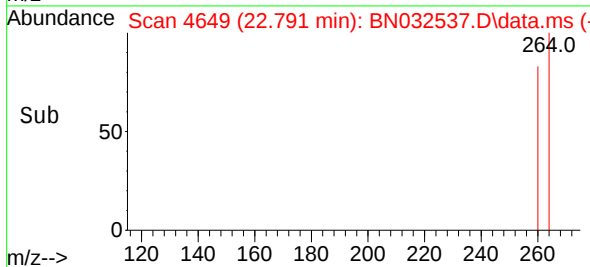
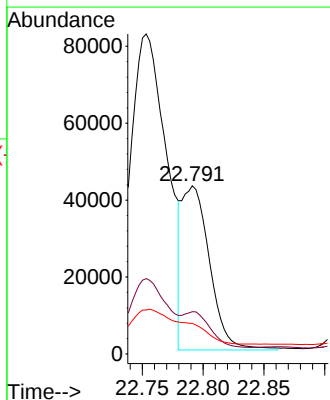
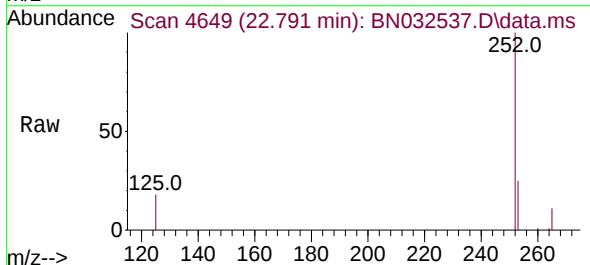
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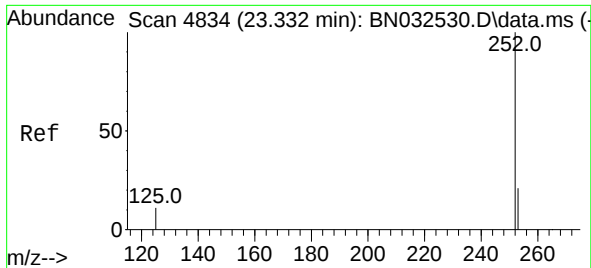
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.743 ng/ul m
RT: 22.791 min Scan# 4649
Delta R.T. -0.010 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

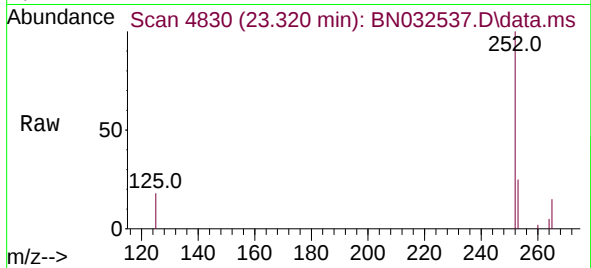
Tgt Ion:252 Resp: 67851
Ion Ratio Lower Upper
252 100
253 25.1 20.3 30.5
125 18.2 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.019 ng/ul
RT: 23.320 min Scan# 4834
Delta R.T. -0.007 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

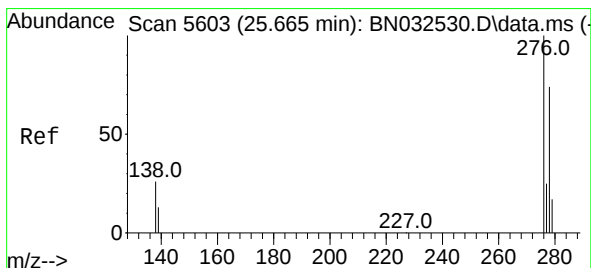
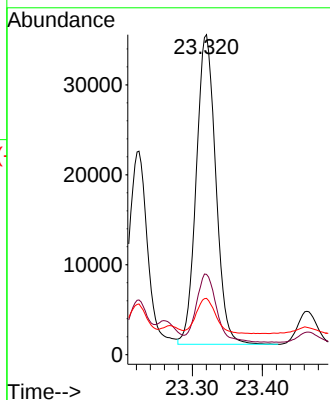
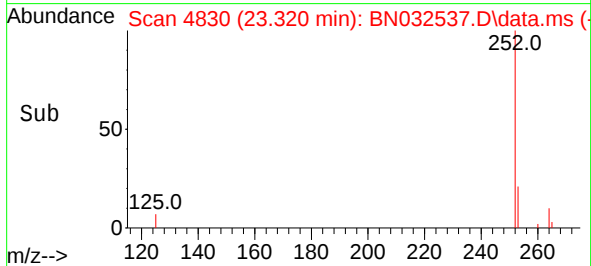
Instrument :
BNA_N
ClientSampleId :
A4CS6DL



Tgt Ion:252 Resp: 66610
Ion Ratio Lower Upper
252 100
253 25.1 22.2 33.2
125 17.6 16.4 24.6

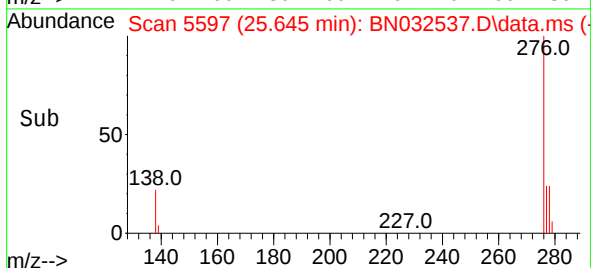
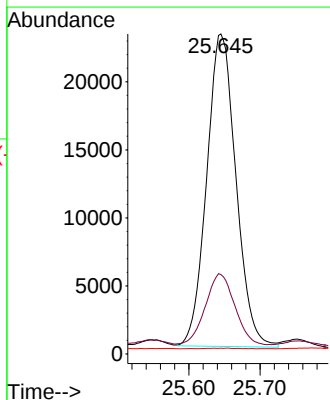
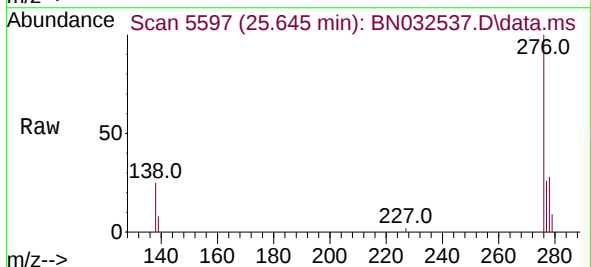
Manual Integrations
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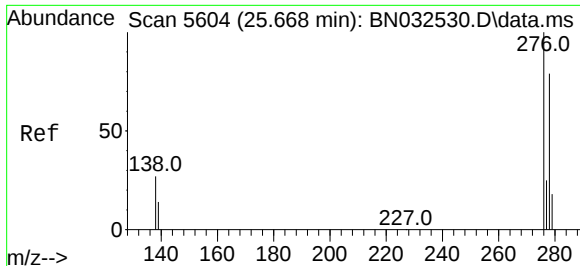
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.642 ng/ul
RT: 25.645 min Scan# 5597
Delta R.T. -0.015 min
Lab File: BN032537.D
Acq: 06 Jul 2024 09:24

Tgt Ion:276 Resp: 65723
Ion Ratio Lower Upper
276 100
138 23.0 21.3 31.9
227 0.1 0.1 0.1#





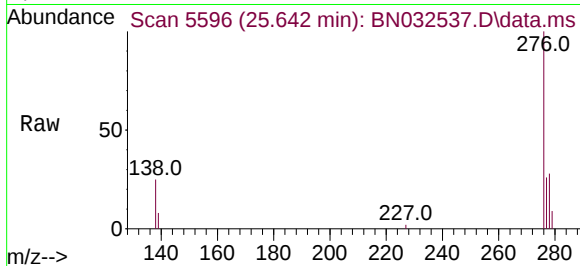
#28
 Dibenzo(a,h)anthracene
 Concen: 0.283 ng/ul
 RT: 25.642 min Scan# 5596
 Delta R.T. -0.025 min
 Lab File: BN032537.D
 Acq: 06 Jul 2024 09:24

Instrument :

BNA_N

ClientSampleId :

A4CS6DL



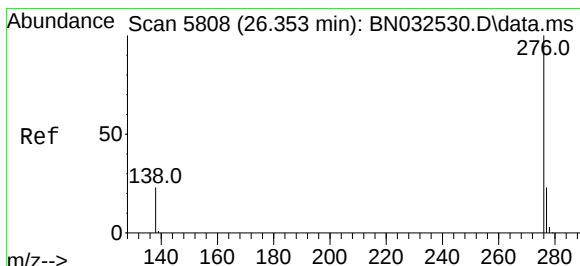
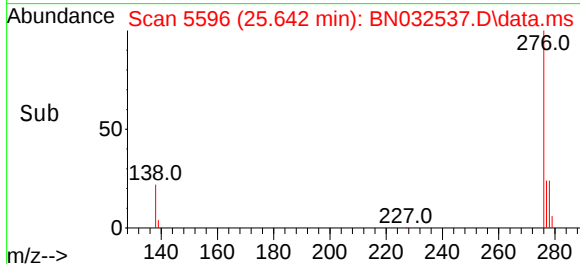
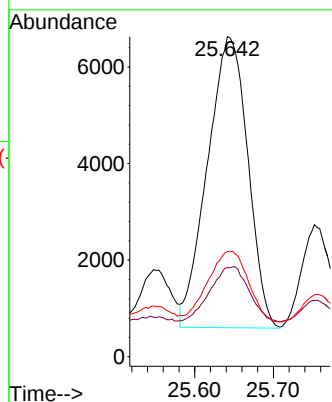
Tgt Ion:278 Resp: 2151
 Ion Ratio Lower Upper
 278 100
 139 27.8 15.9 23.9#
 279 32.8 21.1 31.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.122 ng/ul
 RT: 26.332 min Scan# 5802
 Delta R.T. -0.011 min
 Lab File: BN032537.D
 Acq: 06 Jul 2024 09:24

Tgt Ion:276 Resp: 9945
 Ion Ratio Lower Upper
 276 100
 138 36.7 19.8 29.6#
 277 35.2 19.8 29.6#

