

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032543.D
 Acq On : 06 Jul 2024 13:00
 Operator : MA/JU
 Sample : P2982-03MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT2MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:45:17 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	6134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	18398	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	10711	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.991	188	22016	0.400	ng/ul	-0.02
17) Chrysene-d12	21.200	240	21336	0.400	ng/ul	# 0.00
23) Perylene-d12	23.415	264	28047	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	882	0.129	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1957	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	6046	0.094	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	2399	0.309	ng/ul#	83
5) Naphthalene	10.415	128	8989	0.185	ng/ul	96
7) 2-Methylnaphthalene	12.043	142	4178	0.129	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	3896	0.116	ng/ul	99
10) Acenaphthylene	13.962	152	21059	0.473	ng/ul	99
11) Acenaphthene	14.299	153	9989	0.289	ng/ul	98
12) Fluorene	15.299	166	12039	0.292	ng/ul	99
14) Pentachlorophenol	16.666	266	1059	0.213	ng/ul	98
15) Phenanthrene	17.033	178	244140	4.045	ng/ul	99
16) Anthracene	17.130	178	51809	0.962	ng/ul	99
19) Fluoranthene	19.059	202	650733	8.009	ng/ul	97
20) Pyrene	19.426	202	475127	5.596	ng/ul	100
21) Benzo(a)anthracene	21.185	228	299107	3.884	ng/ul	98
22) Chrysene	21.238	228	357614	4.231	ng/ul	98
24) Benzo(b)fluoranthene	22.749	252	520356m	4.270	ng/ul	
25) Benzo(k)fluoranthene	22.789	252	206326m	1.743	ng/ul	
26) Benzo(a)pyrene	23.319	252	183735	2.167	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.643	276	190488	1.435	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.643	278	70918	0.719	ng/ul	95
29) Benzo(g,h,i)perylene	26.334	276	26269	0.248	ng/ul#	85

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

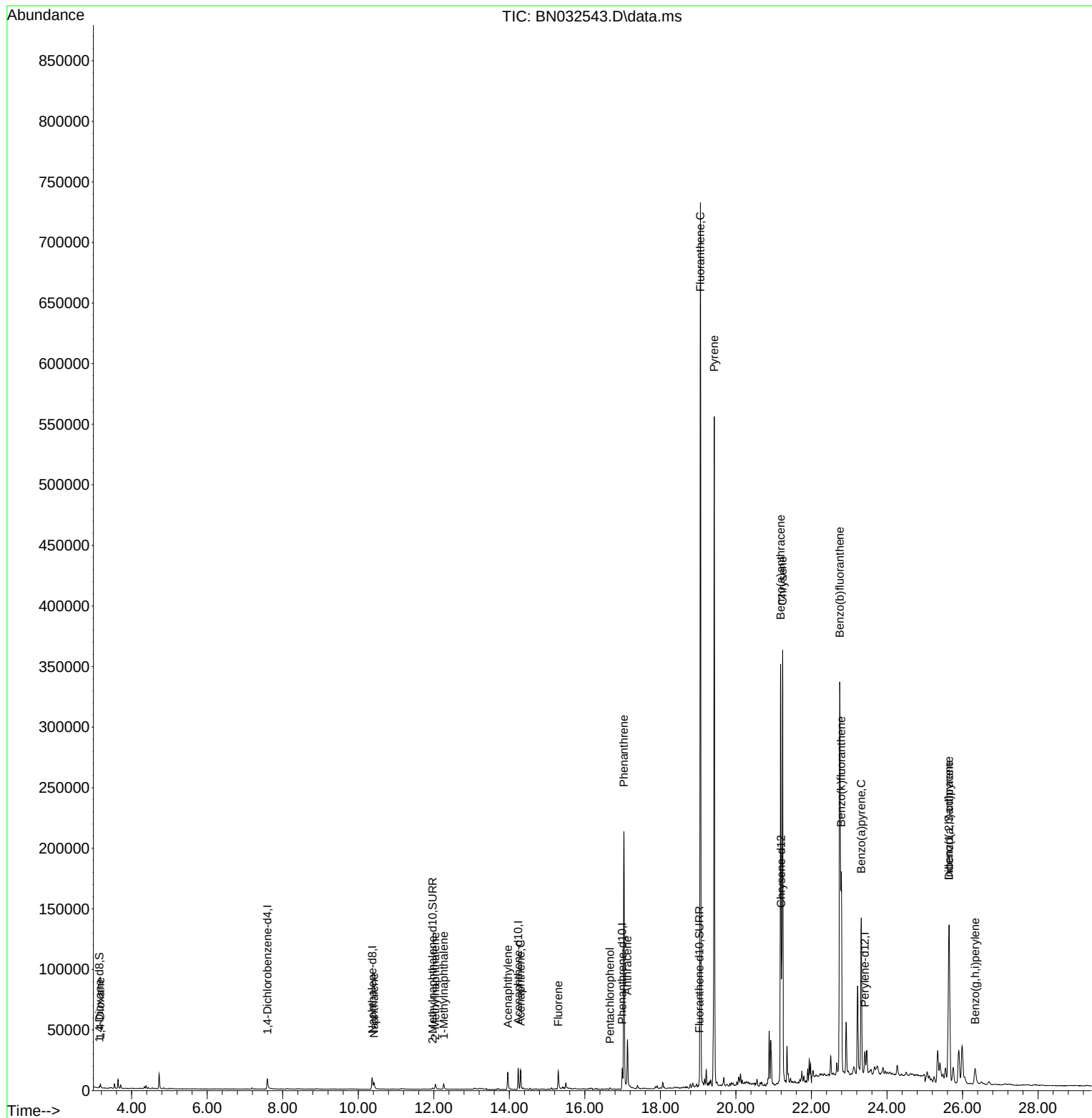
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032543.D
Acq On : 06 Jul 2024 13:00
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Sample : P2982-03MSD
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ALS Vial : 44 Sample Multiplier: 1

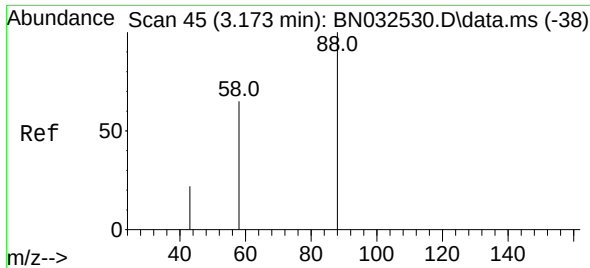
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD

Quant Time: Jul 07 23:45:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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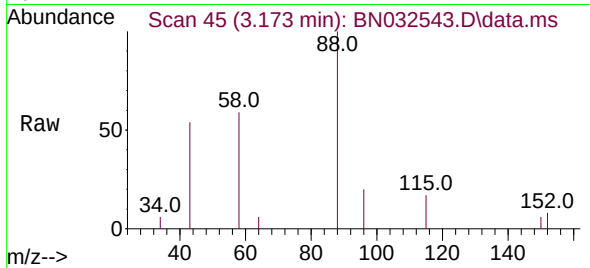
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#2
1,4-Dioxane
Concen: 0.309 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

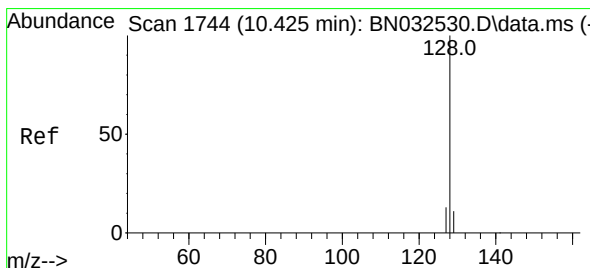
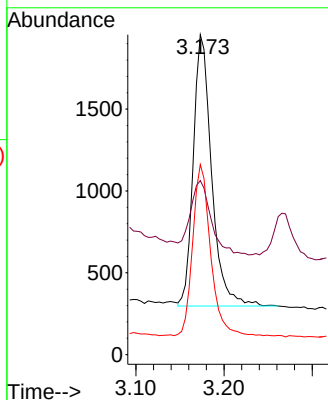
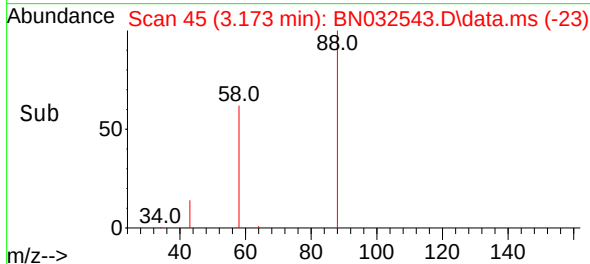
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD



Tgt Ion: 88 Resp: 2399
Ion Ratio Lower Upper
88 100
43 54.4 28.4 42.6
58 59.4 43.3 64.9

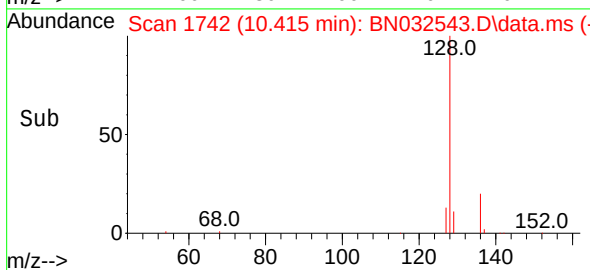
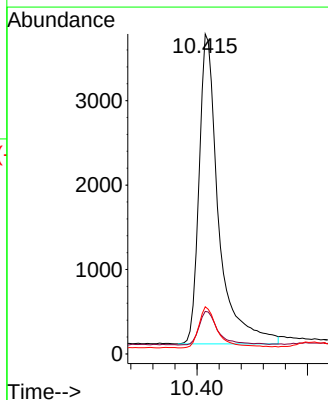
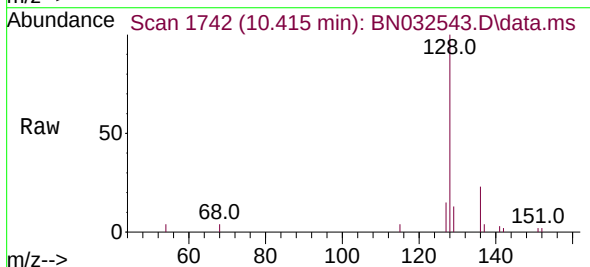
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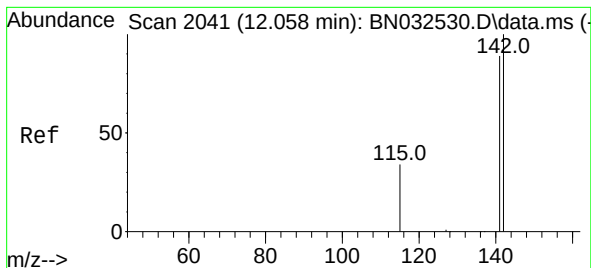
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.016 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

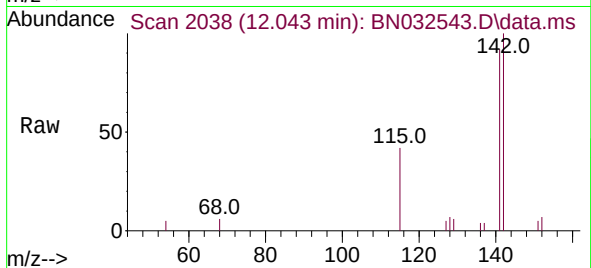
Tgt Ion:128 Resp: 8989
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 14.7 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.043 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

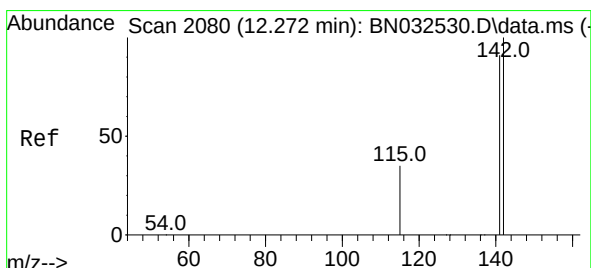
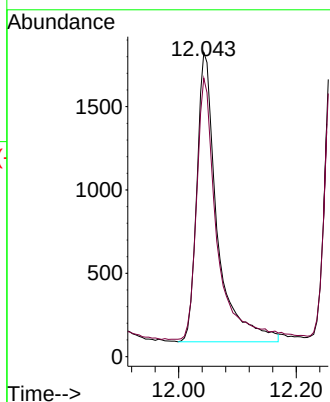
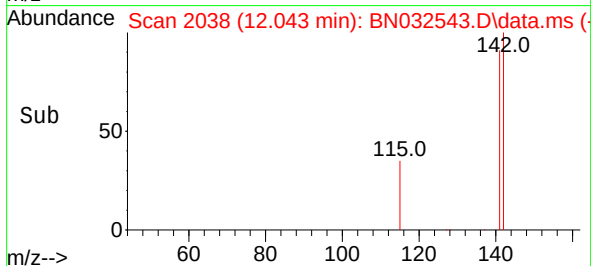
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD



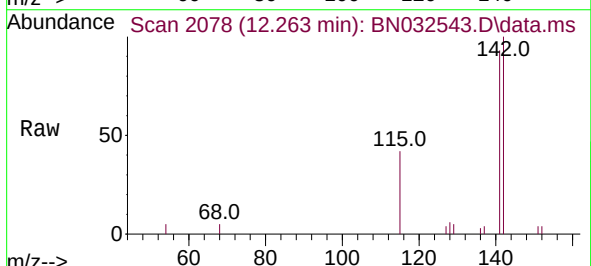
Tgt Ion:142 Resp: 4178
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2

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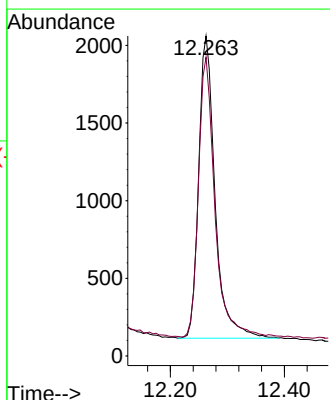
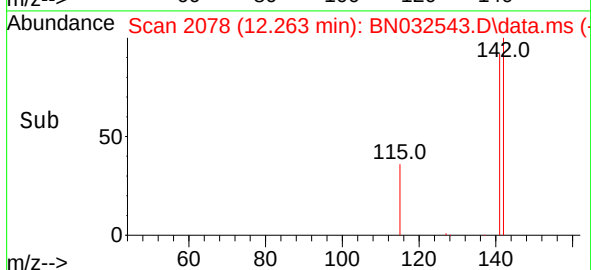
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

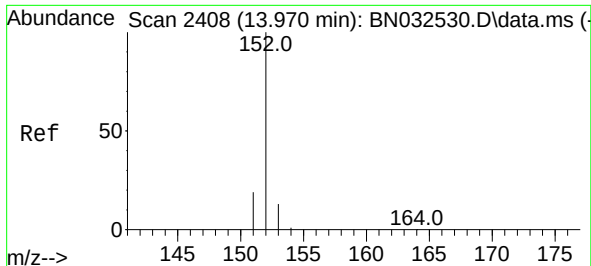


#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00



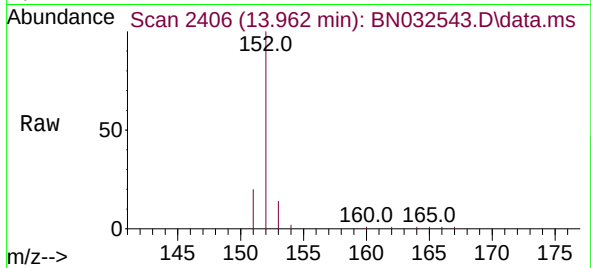
Tgt Ion:142 Resp: 3896
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0





#10
Acenaphthylene
Concen: 0.473 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

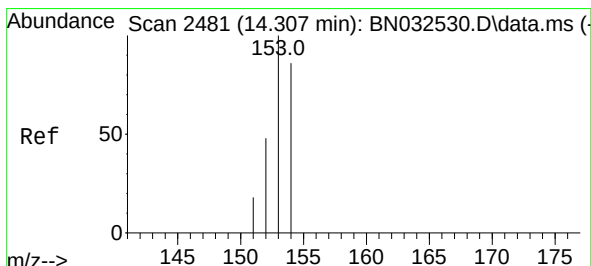
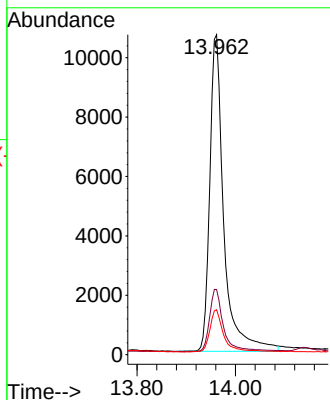
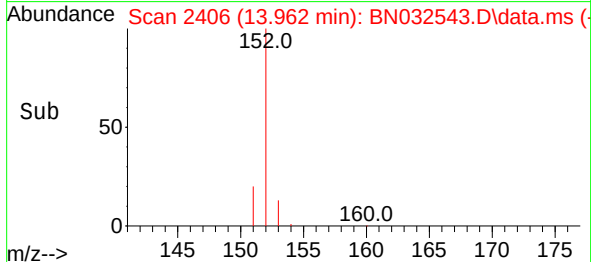
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD



Tgt Ion:152 Resp: 21059
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 14.0 10.9 16.3

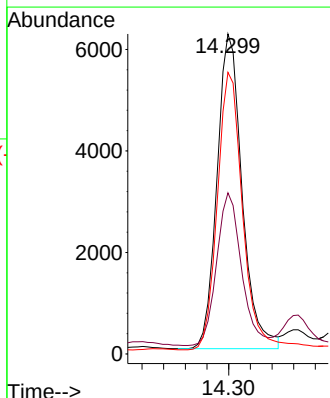
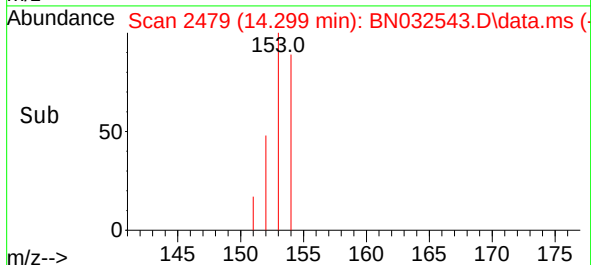
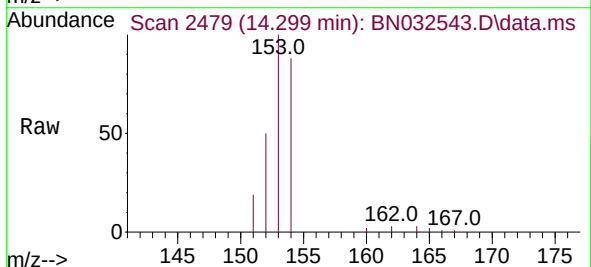
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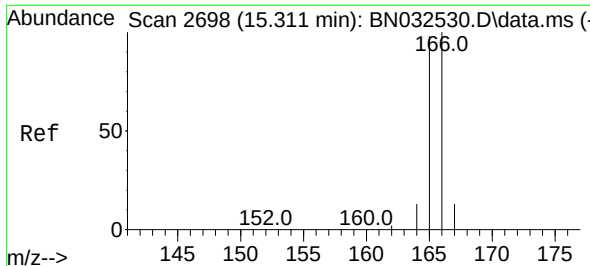
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

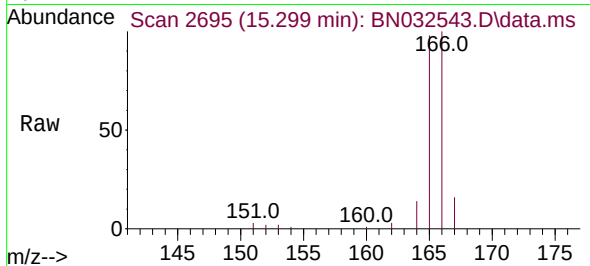
Tgt Ion:153 Resp: 9989
Ion Ratio Lower Upper
153 100
152 50.4 39.5 59.3
154 88.0 71.7 107.5





#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

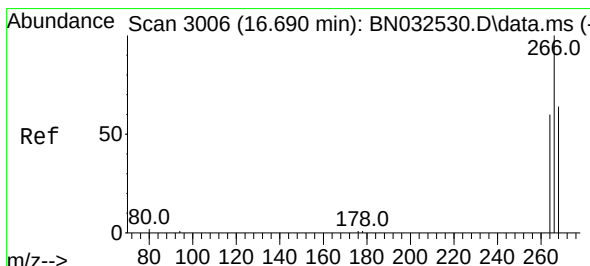
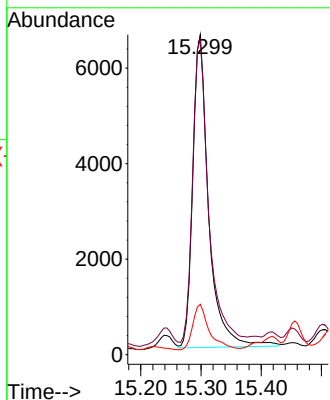
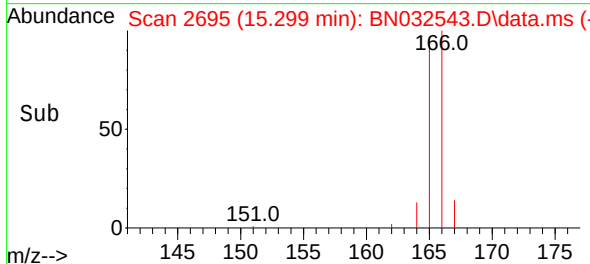
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD



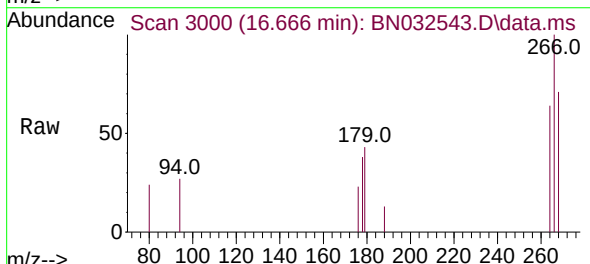
Tgt Ion:166 Resp: 12039
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 15.7 11.0 16.6

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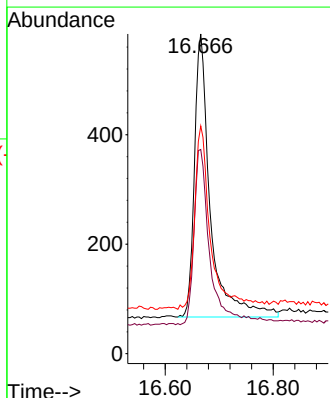
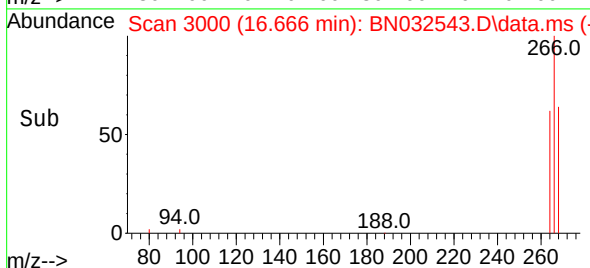
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

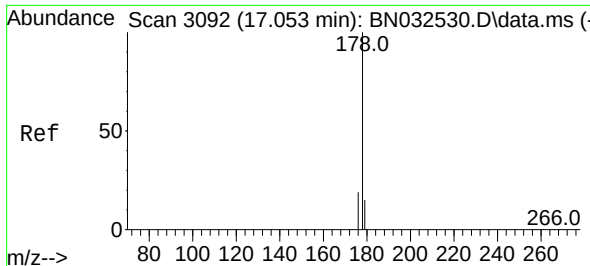


#14
Pentachlorophenol
Concen: 0.213 ng/ul
RT: 16.666 min Scan# 3000
Delta R.T. -0.008 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00



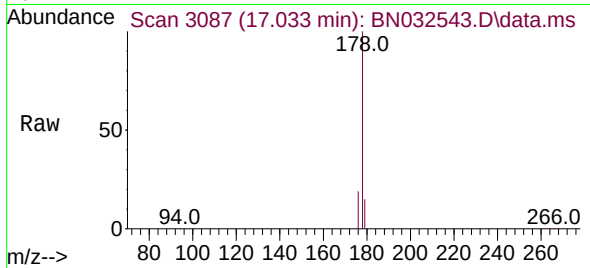
Tgt Ion:266 Resp: 1059
Ion Ratio Lower Upper
266 100
264 64.9 49.9 74.9
268 66.0 52.4 78.6





#15
Phenanthrene
Concen: 4.045 ng/ul
RT: 17.033 min Scan# 3092
Delta R.T. -0.017 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

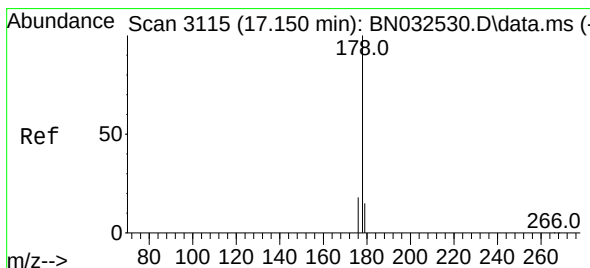
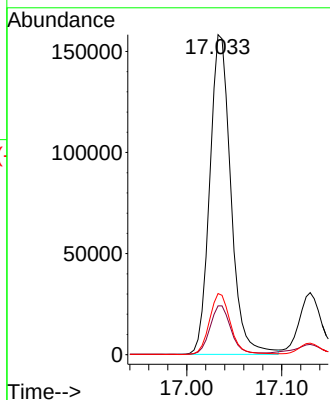
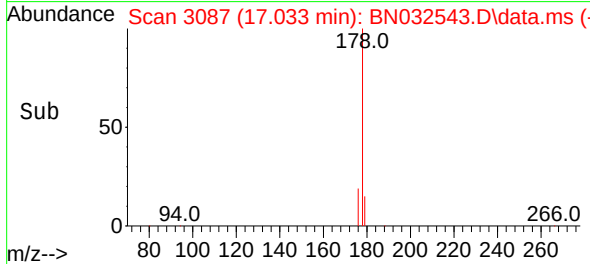
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD



Tgt Ion:178 Resp: 244140
Ion Ratio Lower Upper
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179 15.3 12.6 18.8
176 19.1 15.6 23.4

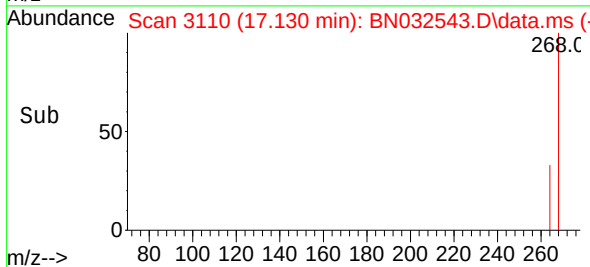
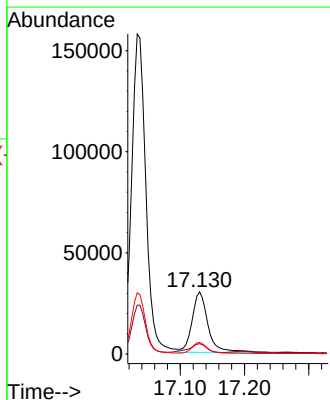
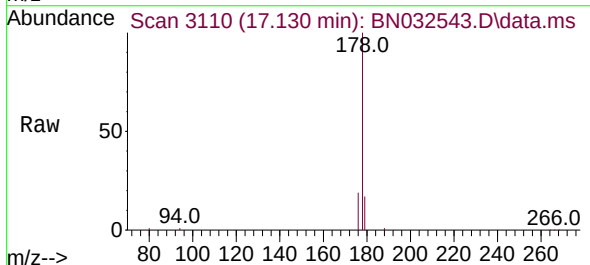
Manual Integrations
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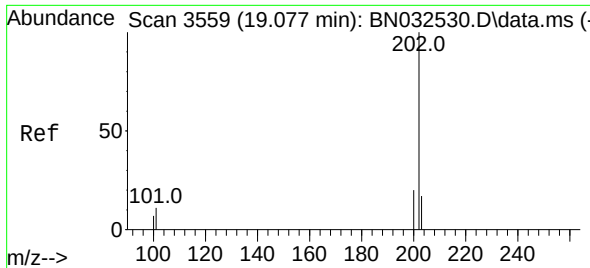
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.962 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:178 Resp: 51809
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 18.6 15.0 22.6





#19

Fluoranthene

Concen: 8.009 ng/ul

RT: 19.059 min Scan# 3555

Delta R.T. -0.014 min

Lab File: BN032543.D

Acq: 06 Jul 2024 13:00

Instrument :

BNA_N

ClientSampleId :

A4CT2MSD

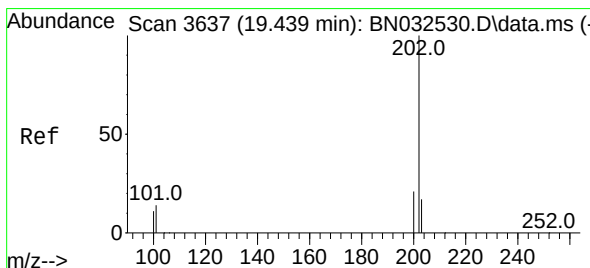
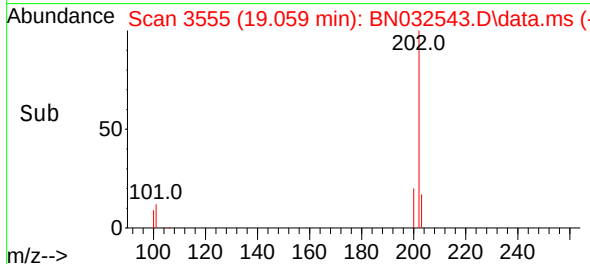
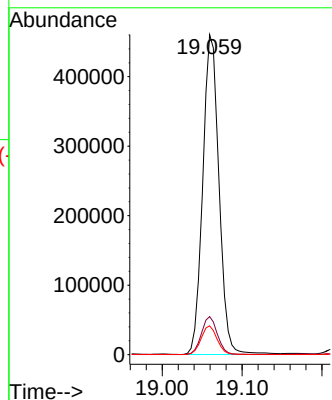
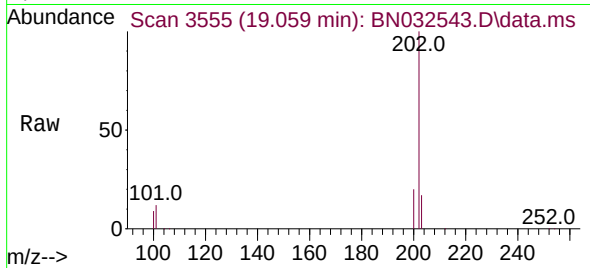
Tgt Ion:202 Resp: 650733
 Ion Ratio Lower Upper
 202 100
 101 11.9 8.8 13.2
 100 9.0 6.4 9.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#20

Pyrene

Concen: 5.596 ng/ul

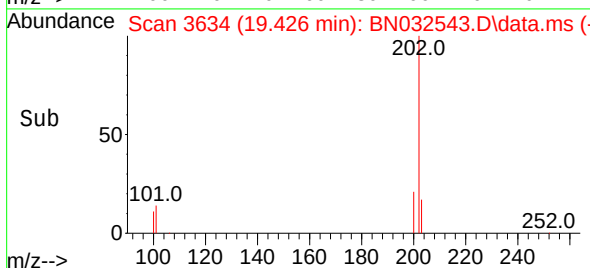
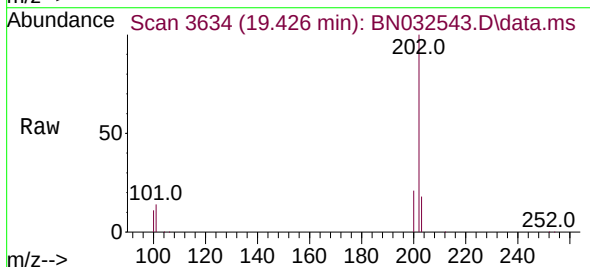
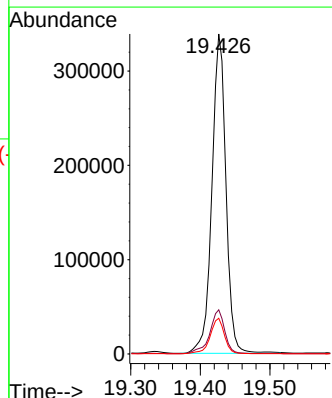
RT: 19.426 min Scan# 3634

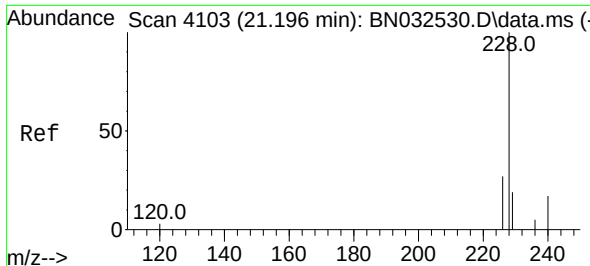
Delta R.T. -0.014 min

Lab File: BN032543.D

Acq: 06 Jul 2024 13:00

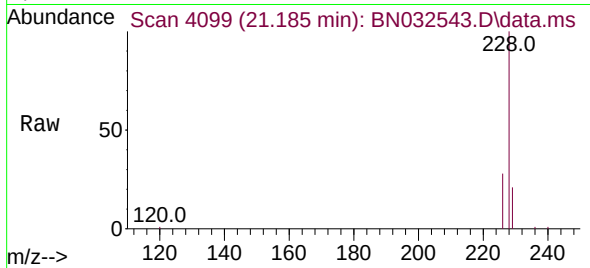
Tgt Ion:202 Resp: 475127
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.0 16.4
 100 11.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.884 ng/ul
RT: 21.185 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

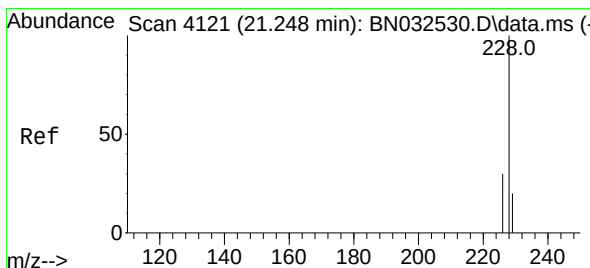
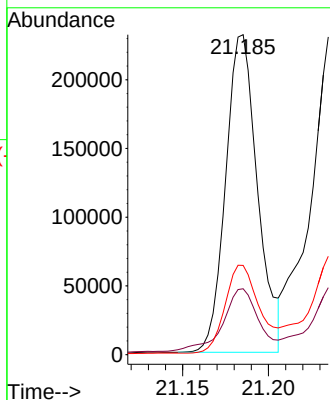
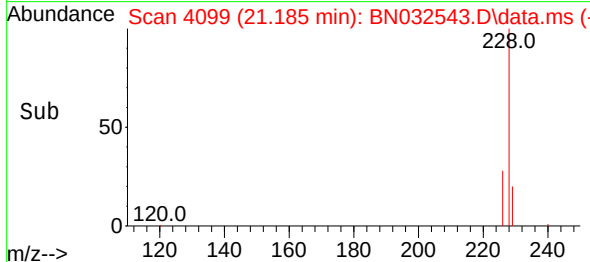
Instrument :
BNA_N
ClientSampleId :
A4CT2MSD



Tgt Ion:228 Resp: 29910
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.9 21.8 32.8

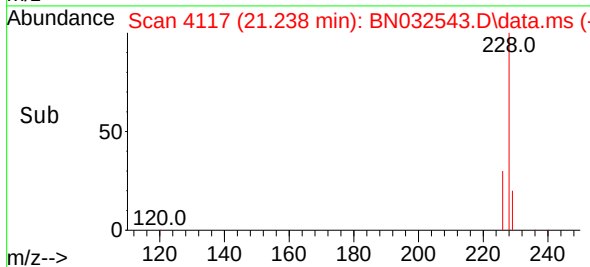
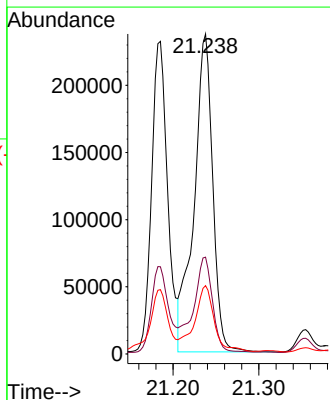
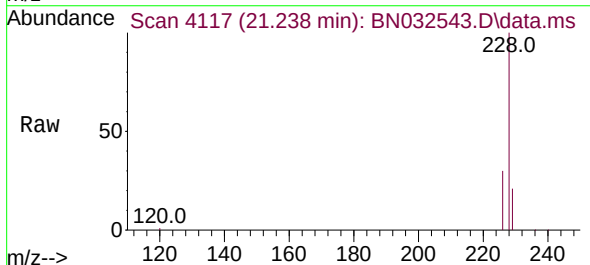
Manual Integrations
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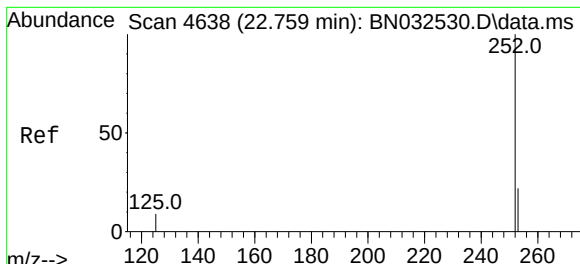
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 4.231 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032543.D
Acq: 06 Jul 2024 13:00

Tgt Ion:228 Resp: 357614
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.3 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 4.270 ng/ul m

RT: 22.749 min Scan# 4634

Delta R.T. -0.009 min

Lab File: BN032543.D

Acq: 06 Jul 2024 13:00

Instrument :

BNA_N

ClientSampleId :

A4CT2MSD

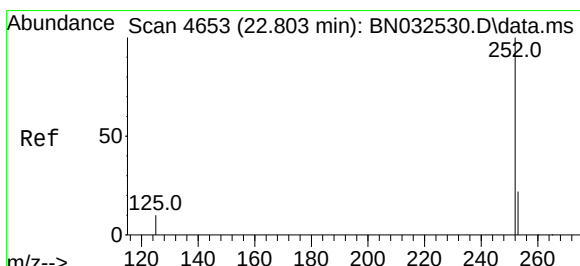
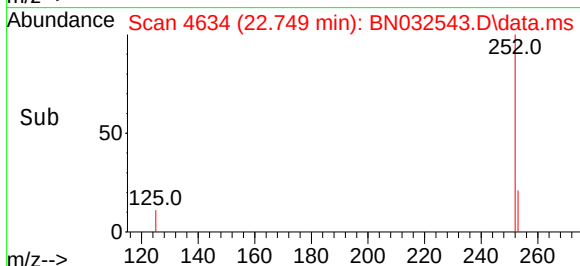
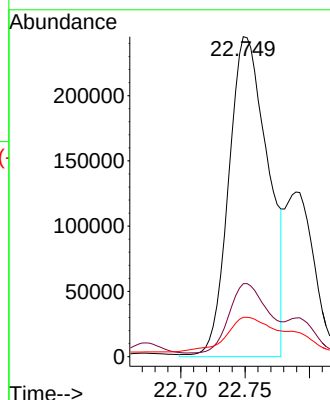
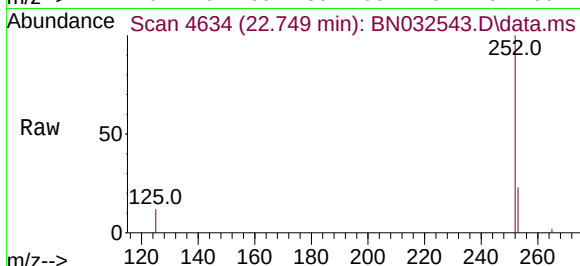
Tgt Ion:252	Resp: 520350
Ion Ratio	Lower Upper
252	100
253	22.8 0.0 50.2
125	12.3 0.0 32.0

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: 1.743 ng/ul m

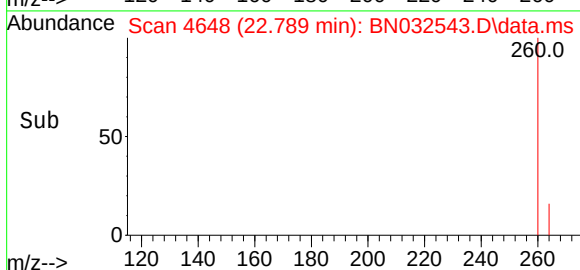
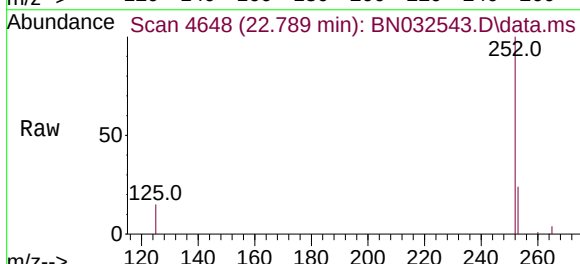
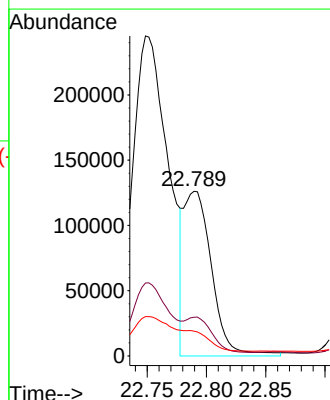
RT: 22.789 min Scan# 4648

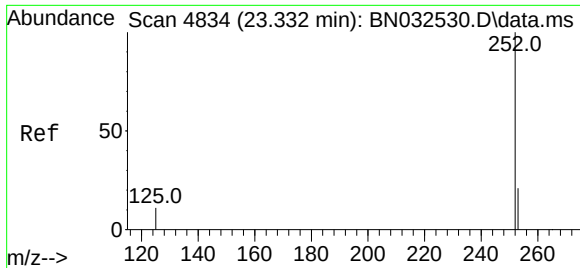
Delta R.T. -0.012 min

Lab File: BN032543.D

Acq: 06 Jul 2024 13:00

Tgt Ion:252	Resp: 206326
Ion Ratio	Lower Upper
252	100
253	23.5 20.3 30.5
125	15.1 12.8 19.2





#26

Benzo(a)pyrene

Concen: 2.167 ng/ul

RT: 23.319 min Scan# 4829

Delta R.T. -0.009 min

Lab File: BN032543.D

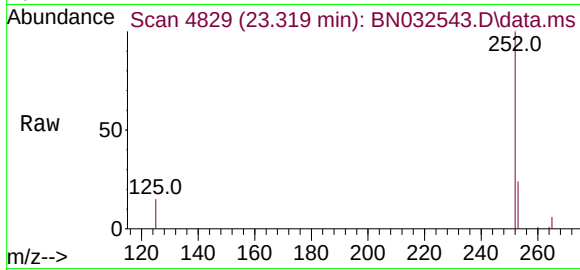
Acq: 06 Jul 2024 13:00

Instrument :

BNA_N

ClientSampleId :

A4CT2MSD



Tgt Ion:252 Resp: 183735

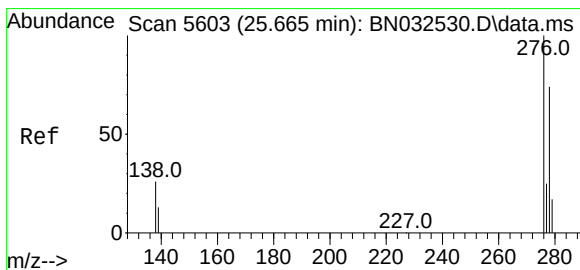
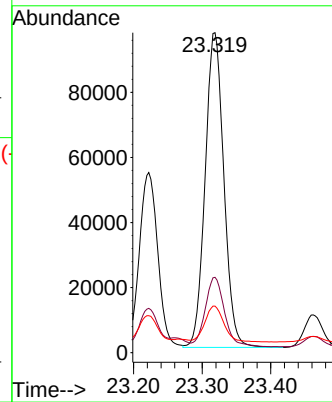
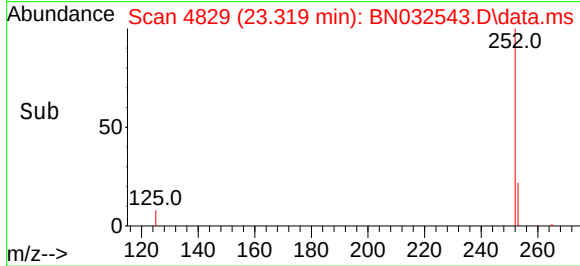
Ion	Ratio	Lower	Upper
252	100		
253	23.5	22.2	33.2
125	14.6	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.435 ng/ul

RT: 25.643 min Scan# 5596

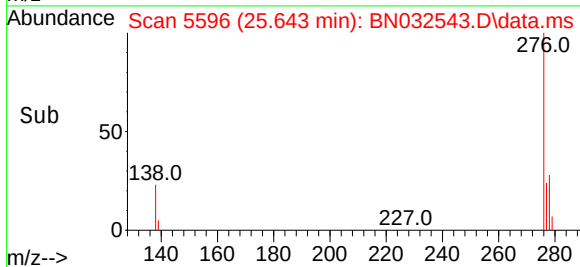
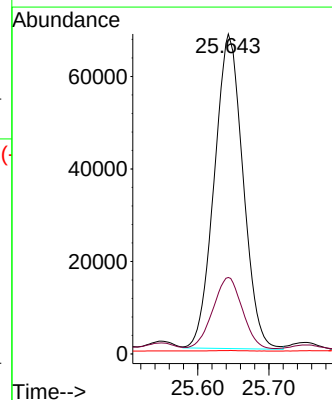
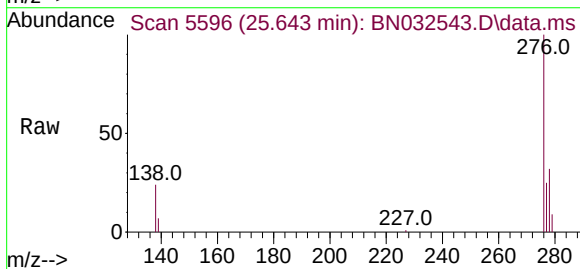
Delta R.T. -0.017 min

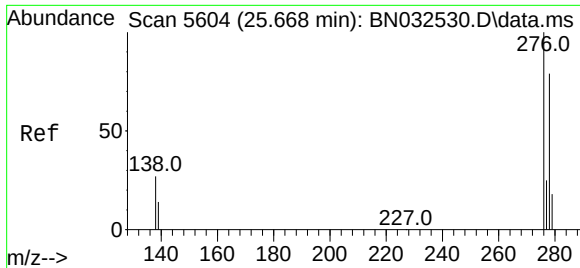
Lab File: BN032543.D

Acq: 06 Jul 2024 13:00

Tgt Ion:276 Resp: 190488

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.3	31.9
227	0.2	0.1	0.1





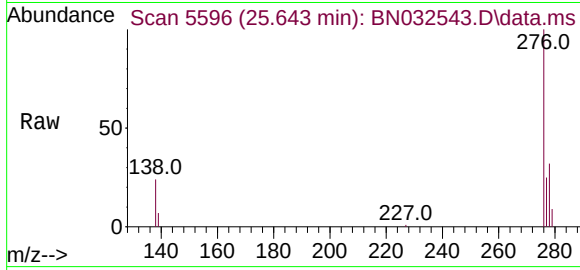
#28
 Dibenzo(a,h)anthracene
 Concen: 0.719 ng/ul
 RT: 25.643 min Scan# 5596
 Delta R.T. -0.023 min
 Lab File: BN032543.D
 Acq: 06 Jul 2024 13:00

Instrument :

BNA_N

ClientSampleId :

A4CT2MSD



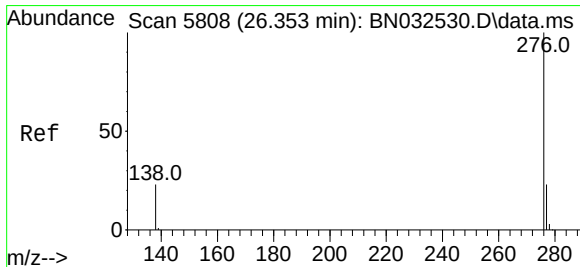
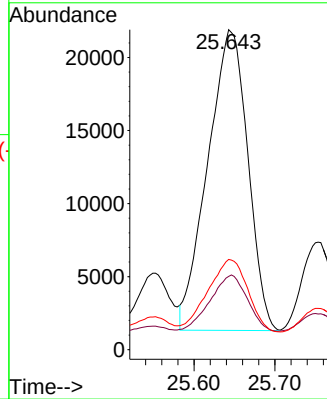
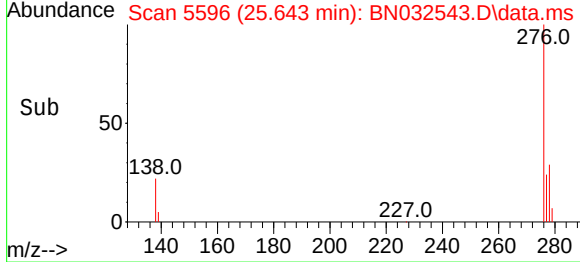
Tgt Ion:278 Resp: 70918
 Ion Ratio Lower Upper
 278 100
 139 22.9 15.9 23.9
 279 28.2 21.1 31.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.248 ng/ul
 RT: 26.334 min Scan# 5802
 Delta R.T. -0.010 min
 Lab File: BN032543.D
 Acq: 06 Jul 2024 13:00

Tgt Ion:276 Resp: 26269
 Ion Ratio Lower Upper
 276 100
 138 32.0 19.8 29.6#
 277 32.3 19.8 29.6#

