

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032703.D
 Acq On : 13 Jul 2024 10:54
 Operator : MA/JU
 Sample : P3124-02MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:56:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5356	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16194	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	8865	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.952	188	18304	0.400	ng/ul	-0.04
17) Chrysene-d12	21.164	240	15404m	0.400	ng/ul	-0.03
23) Perylene-d12	23.359	264	21820	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2606	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	6670	0.273	ng/ul	-0.06
18) Fluoranthene-d10	18.994	212	16186	0.322	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.135	88	7065	0.965	ng/ul#	89
5) Naphthalene	10.371	128	33909	0.780	ng/ul	97
7) 2-Methylnaphthalene	11.993	142	15341	0.565	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	13813	0.492	ng/ul	100
10) Acenaphthylene	13.920	152	52179	1.457	ng/ul	99
11) Acenaphthene	14.257	153	37914	1.280	ng/ul	99
12) Fluorene	15.257	166	43027	1.271	ng/ul	98
14) Pentachlorophenol	16.623	266	3140	0.978	ng/ul	99
15) Phenanthrene	16.995	178	798684	16.022	ng/ul	99
16) Anthracene	17.087	178	155677	3.823	ng/ul	98
19) Fluoranthene	19.026	202	1735657	27.713	ng/ul	98
20) Pyrene	19.389	202	1031696	15.915	ng/ul	100
21) Benzo(a)anthracene	21.150	228	794660	16.207	ng/ul	99
22) Chrysene	21.202	228	877911m	12.377	ng/ul	
24) Benzo(b)fluoranthene	22.704	252	1250189m	16.239	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	449303m	4.789	ng/ul	
26) Benzo(a)pyrene	23.266	252	377056m	5.659	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.565	276	388407	4.305	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.565	278	168428	2.409	ng/ul	97
29) Benzo(g,h,i)perylene	26.243	276	110830	1.470	ng/ul	98

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

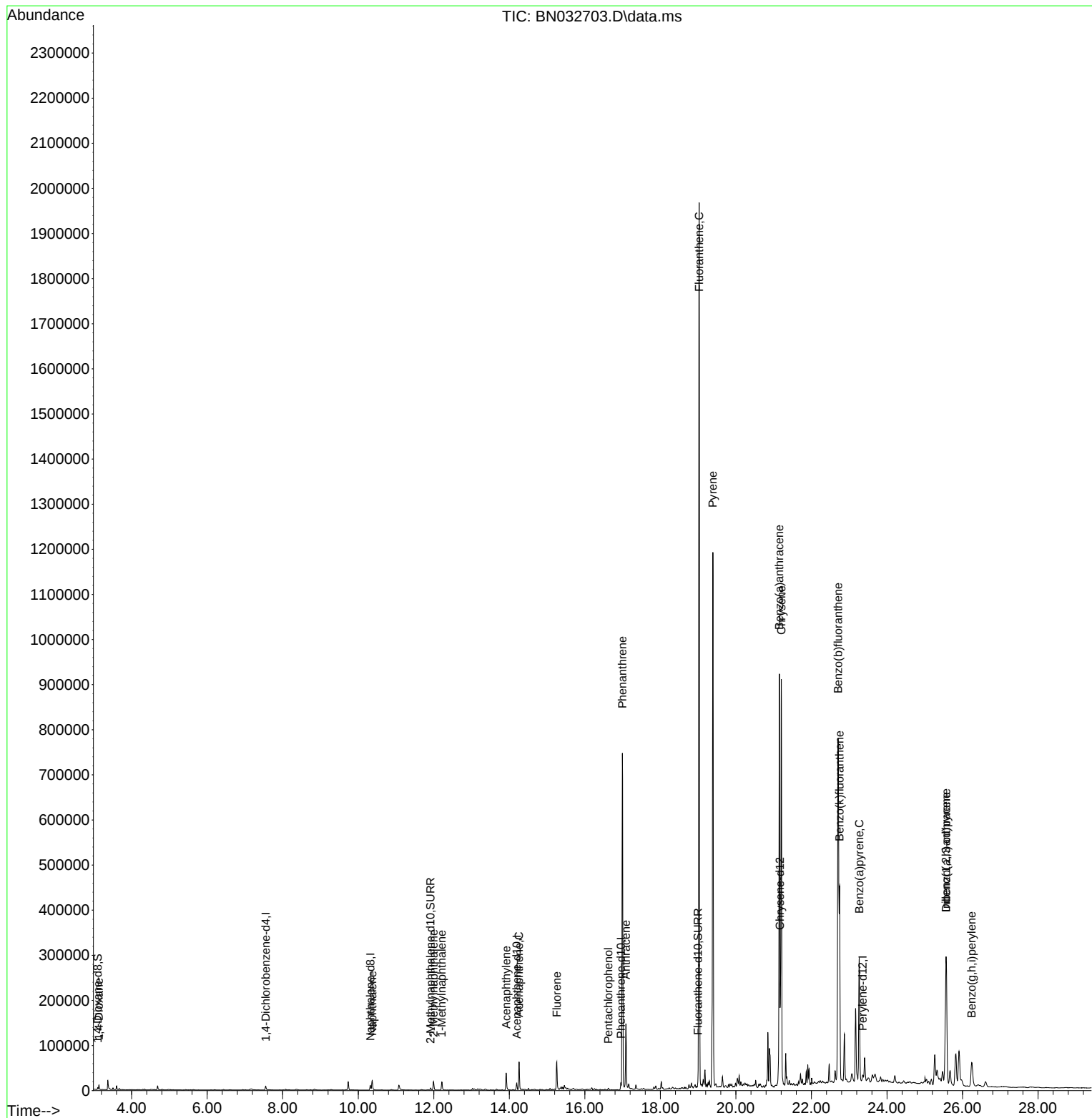
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032703.D
Acq On : 13 Jul 2024 10:54
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Misc :
ALS Vial : 44 Sample Multiplier: 1

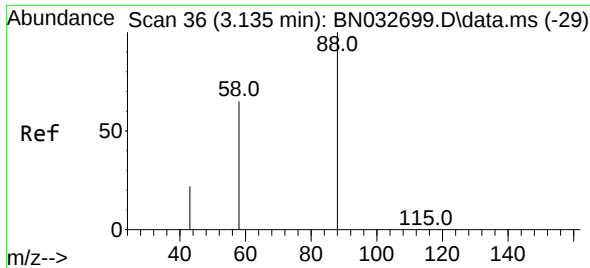
Instrument :
BNA_N
ClientSampleId :
A4CB3MS

Quant Time: Jul 15 08:56:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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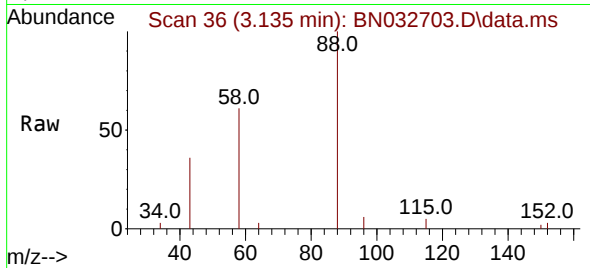
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024





#2
1,4-Dioxane
Concen: 0.965 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

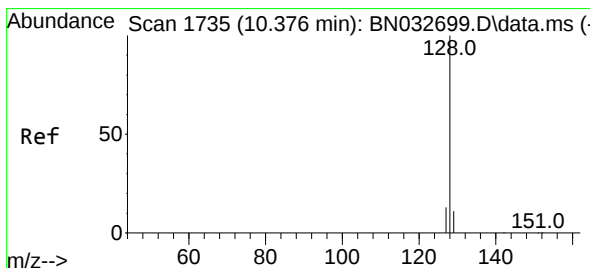
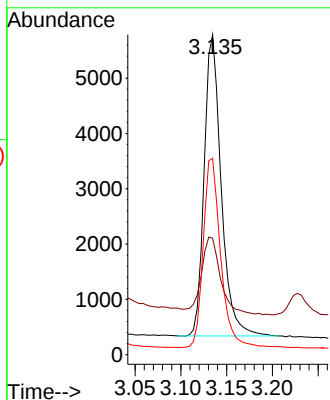
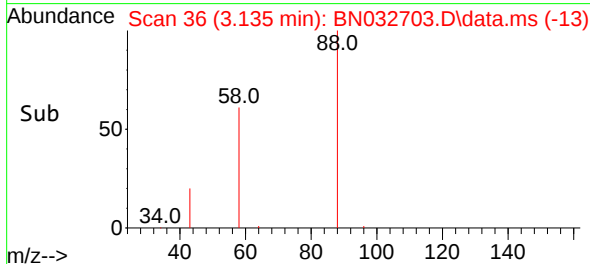
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



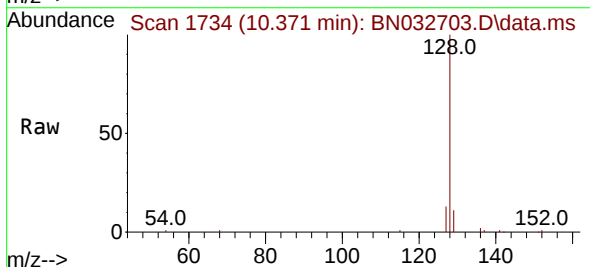
Tgt Ion: 88 Resp: 7065
Ion Ratio Lower Upper
88 100
43 36.4 24.0 36.0
58 61.4 43.3 64.9

Manual Integrations
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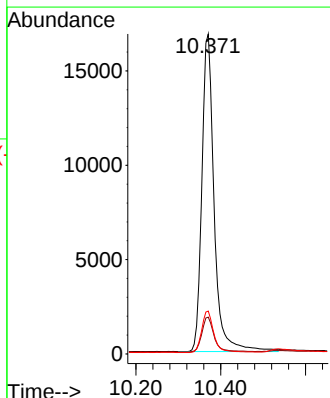
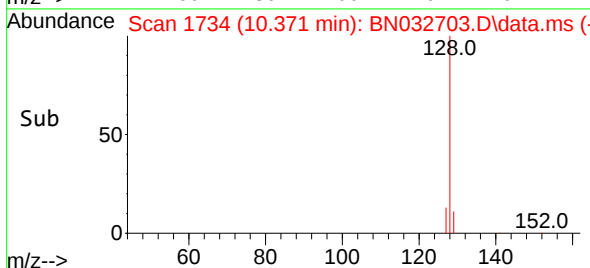
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

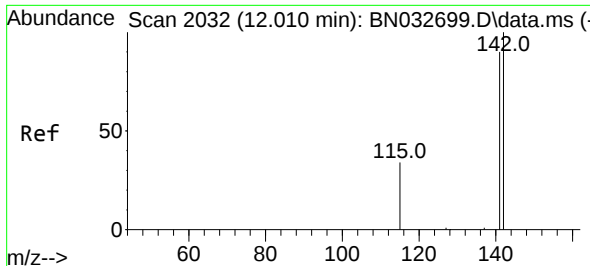


#5
Naphthalene
Concen: 0.780 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54



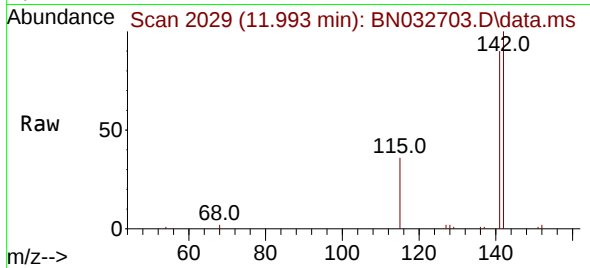
Tgt Ion:128 Resp: 33909
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.4 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.565 ng/ul
RT: 11.993 min Scan# 2069
Delta R.T. -0.055 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

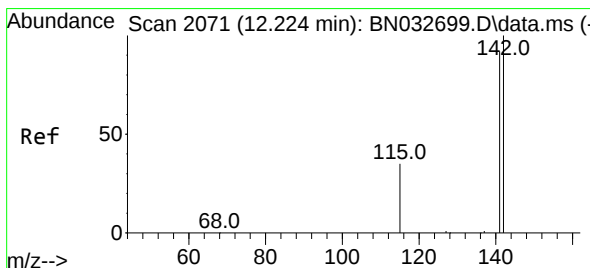
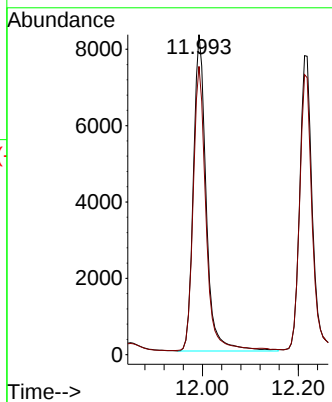
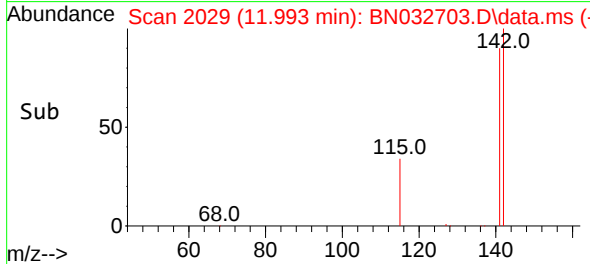
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



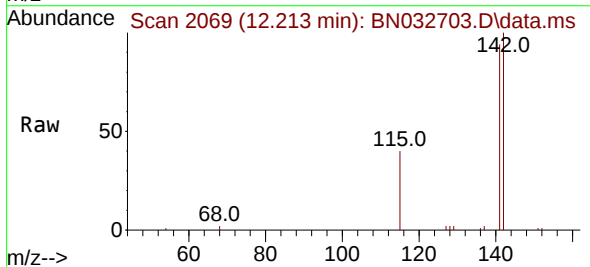
Tgt Ion:142 Resp: 1534
Ion Ratio Lower Upper
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141 89.5 74.0 111.0

Manual Integrations
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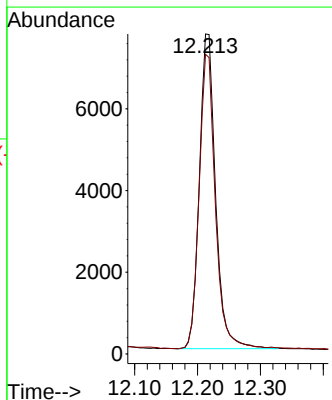
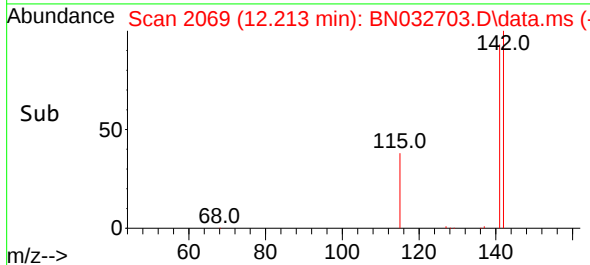
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

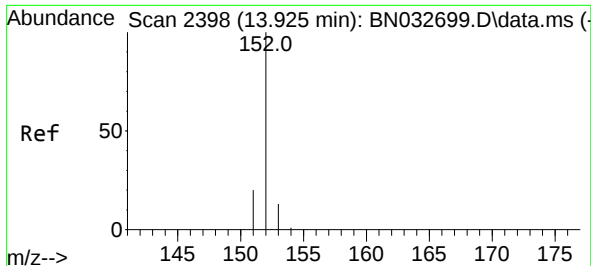


#8
1-Methylnaphthalene
Concen: 0.492 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.033 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54



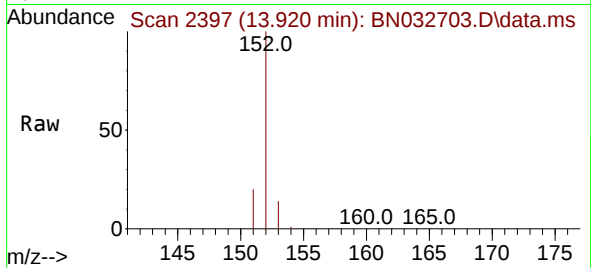
Tgt Ion:142 Resp: 13813
Ion Ratio Lower Upper
142 100
141 94.0 75.0 112.4





#10
Acenaphthylene
Concen: 1.457 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

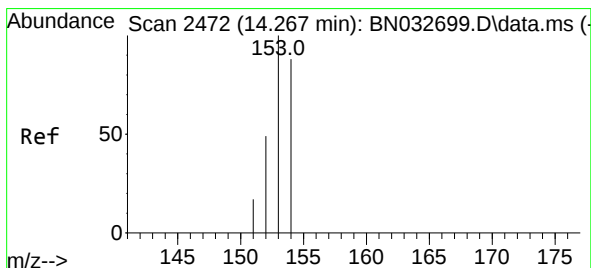
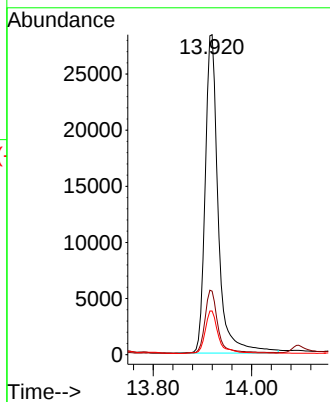
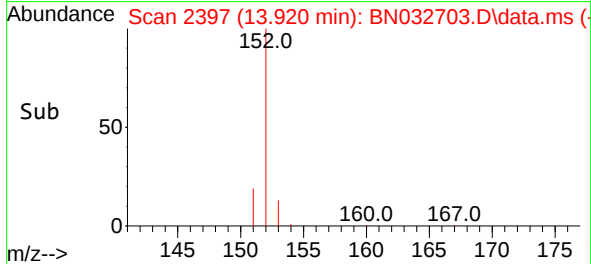
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



Tgt Ion:152 Resp: 52179
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.6 11.3 16.9

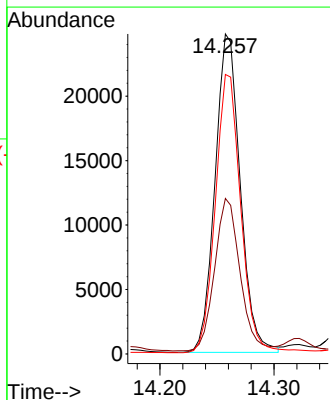
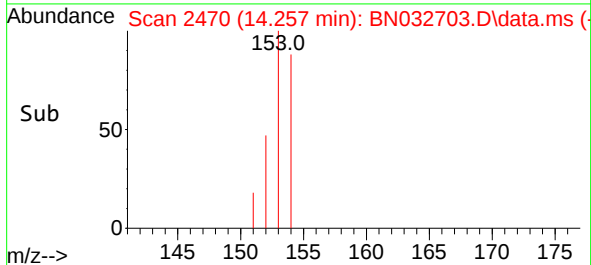
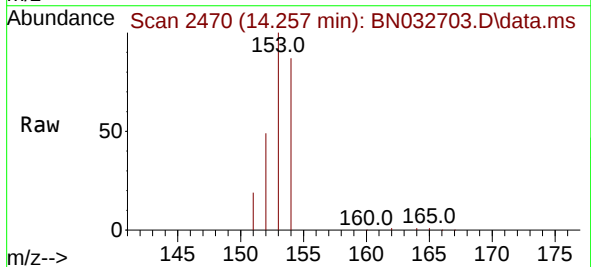
Manual Integrations
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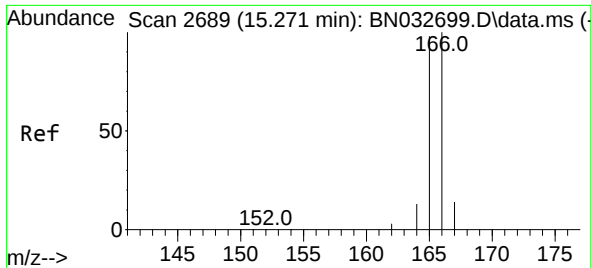
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 1.280 ng/ul
RT: 14.257 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

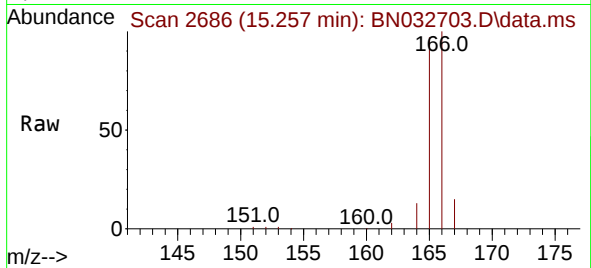
Tgt Ion:153 Resp: 37914
Ion Ratio Lower Upper
153 100
152 48.6 40.0 60.0
154 87.4 70.2 105.4





#12
Fluorene
Concen: 1.271 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.033 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

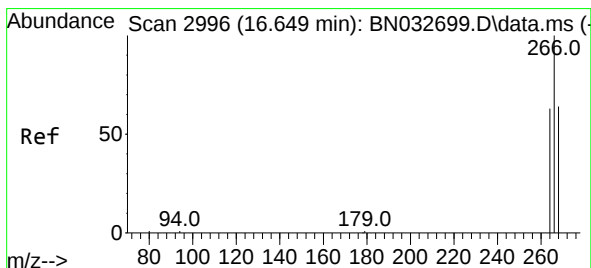
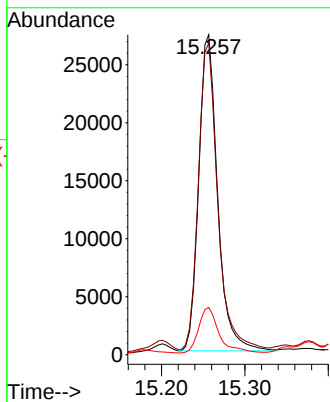
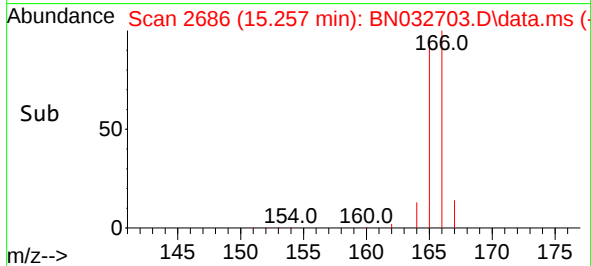
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



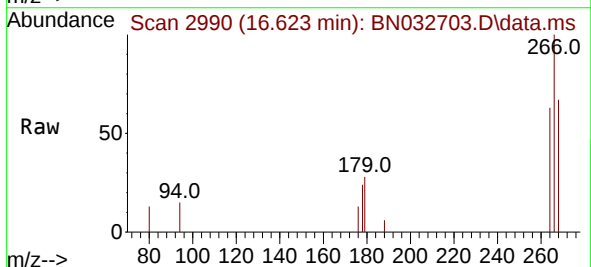
Tgt Ion:166 Resp: 4302
Ion Ratio Lower Upper
166 100
165 97.4 79.7 119.5
167 14.8 11.4 17.2

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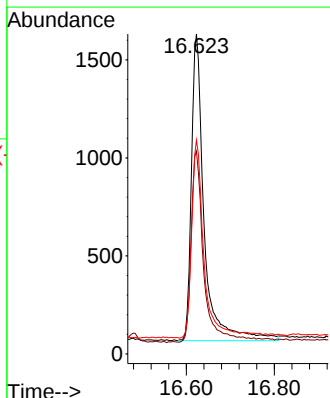
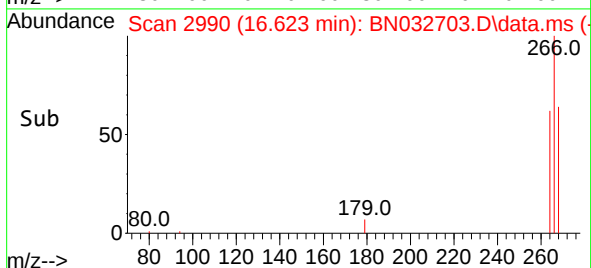
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

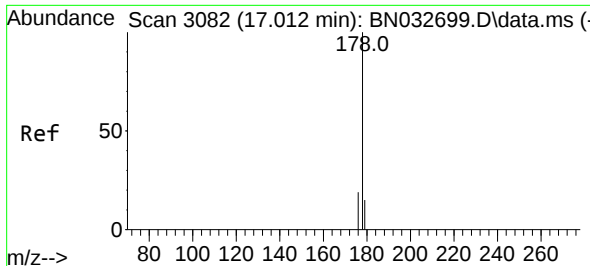


#14
Pentachlorophenol
Concen: 0.978 ng/ul
RT: 16.623 min Scan# 2990
Delta R.T. -0.047 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54



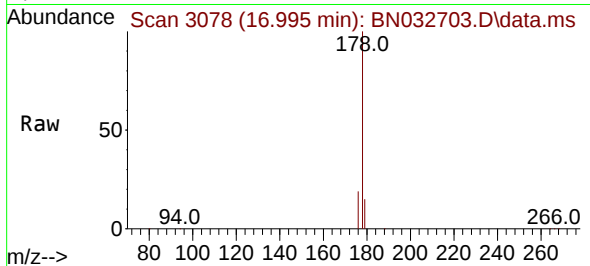
Tgt Ion:266 Resp: 3140
Ion Ratio Lower Upper
266 100
264 62.8 49.4 74.2
268 65.1 51.6 77.4





#15
Phenanthrene
Concen: 16.022 ng/ul
RT: 16.995 min Scan# 3082
Delta R.T. -0.034 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

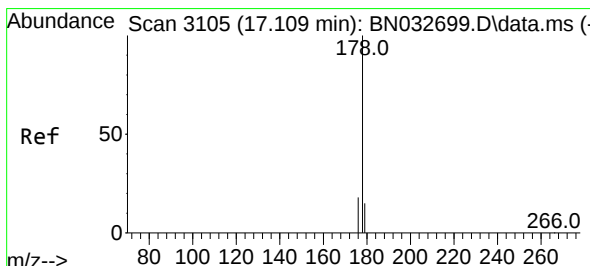
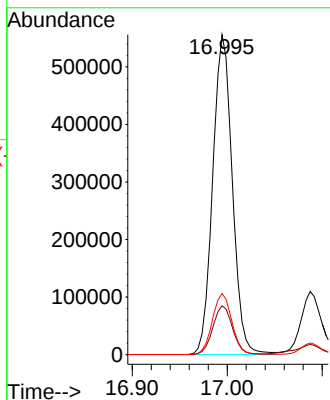
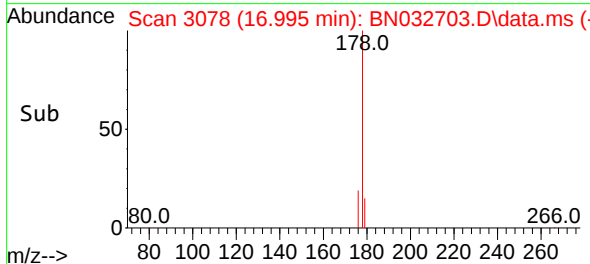
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



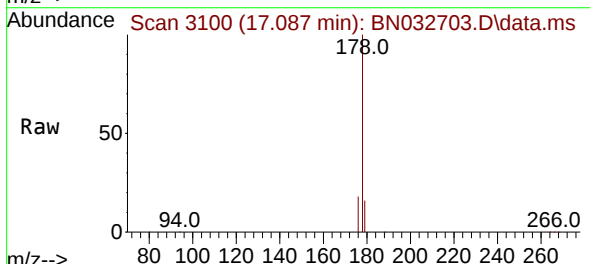
Tgt Ion:178 Resp: 798684
Ion Ratio Lower Upper
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179 15.3 13.0 19.4
176 19.1 15.6 23.4

Manual Integrations
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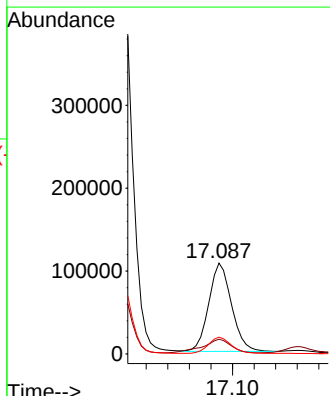
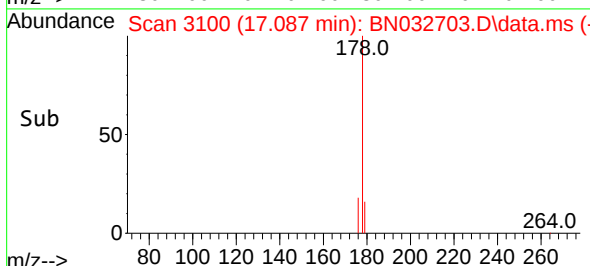
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

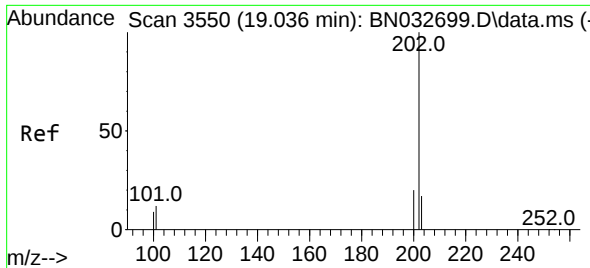


#16
Anthracene
Concen: 3.823 ng/ul
RT: 17.087 min Scan# 3100
Delta R.T. -0.051 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54



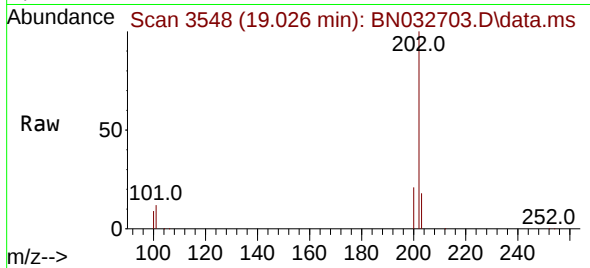
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Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 27.713 ng/u1
RT: 19.026 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

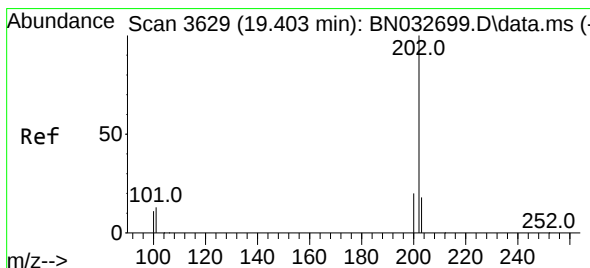
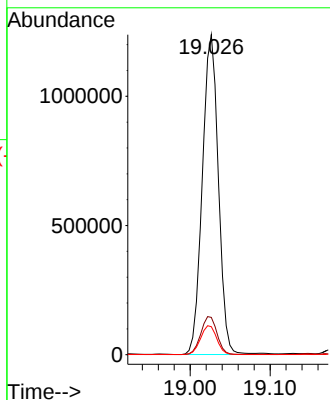
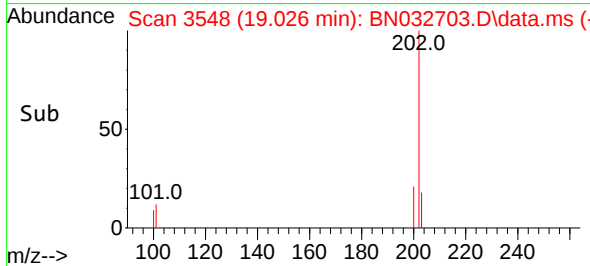
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



Tgt Ion:202 Resp: 173565
Ion Ratio Lower Upper
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101 11.6 9.8 14.8
100 8.8 7.9 11.9

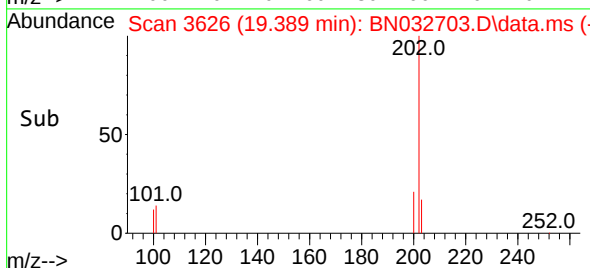
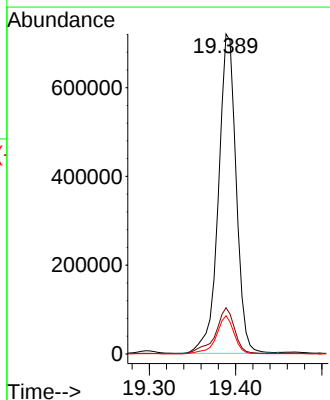
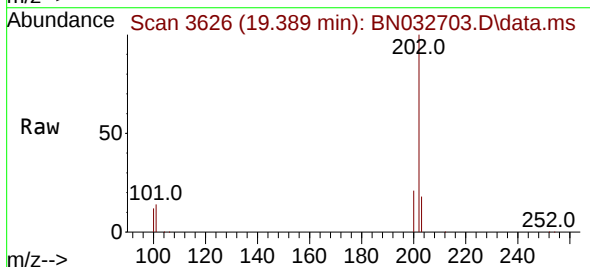
Manual Integrations
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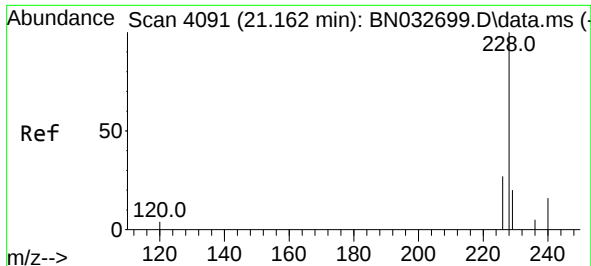
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 15.915 ng/u1
RT: 19.389 min Scan# 3626
Delta R.T. -0.033 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

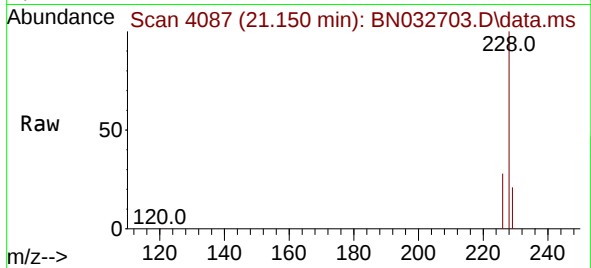
Tgt Ion:202 Resp: 1031696
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 16.207 ng/ul
RT: 21.150 min Scan# 4087
Delta R.T. -0.032 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

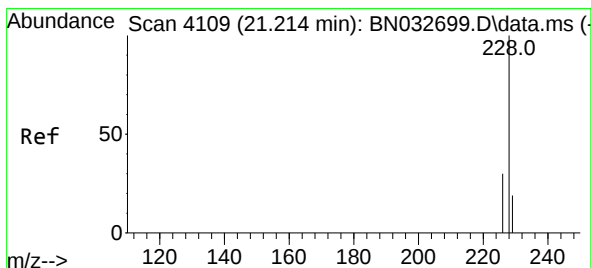
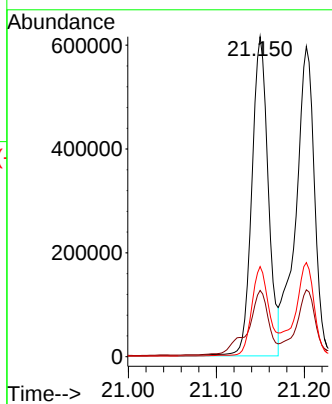
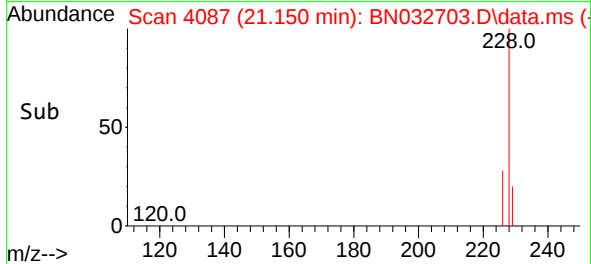
Instrument :
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ClientSampleId :
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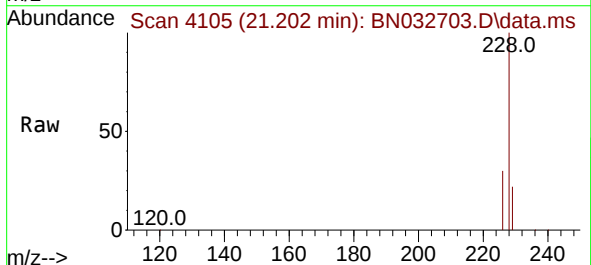
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Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 28.2 21.9 32.9

Manual Integrations
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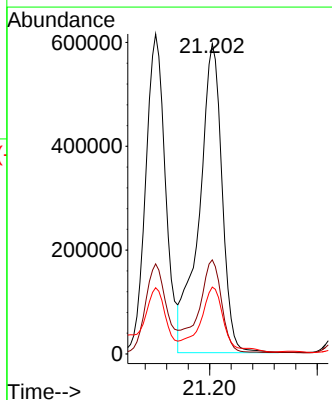
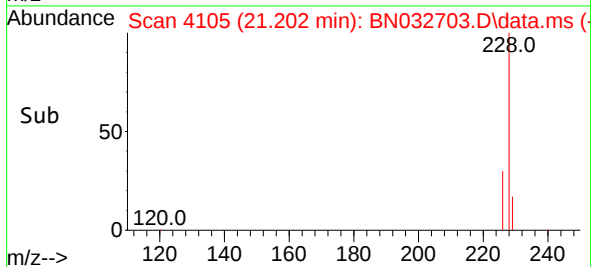
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

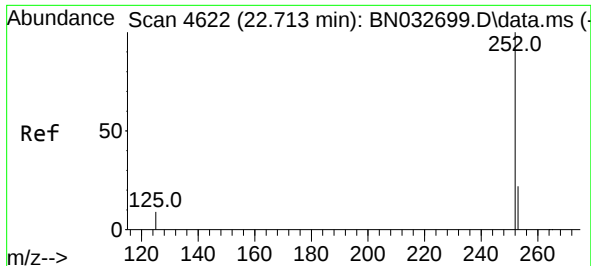


#22
Chrysene
Concen: 12.377 ng/ul m
RT: 21.202 min Scan# 4105
Delta R.T. -0.030 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54



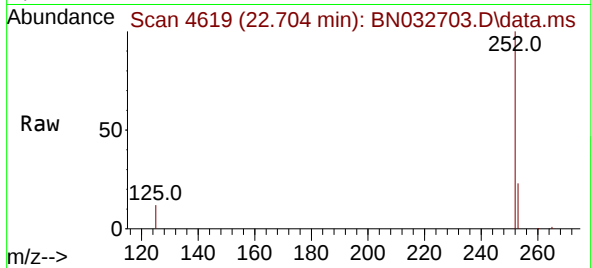
Tgt Ion:228 Resp: 877911
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 16.239 ng/ul m
RT: 22.704 min Scan# 4619
Delta R.T. -0.030 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

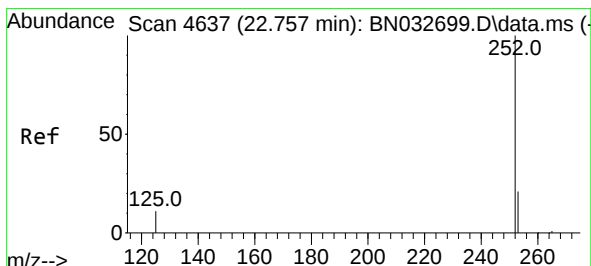
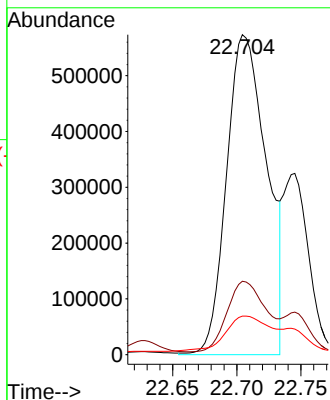
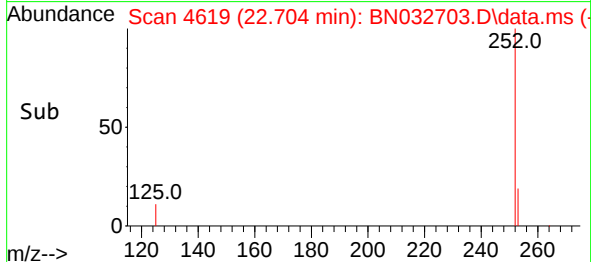
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



Tgt Ion:252 Resp: 1250189
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 12.0 0.0 36.0

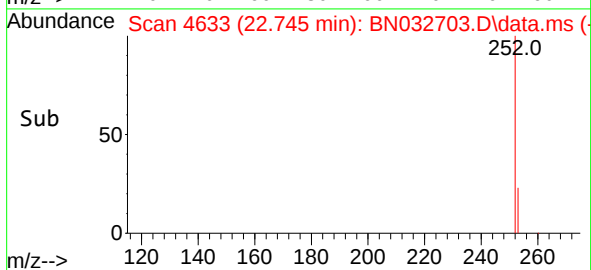
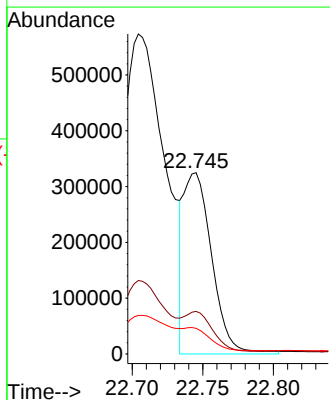
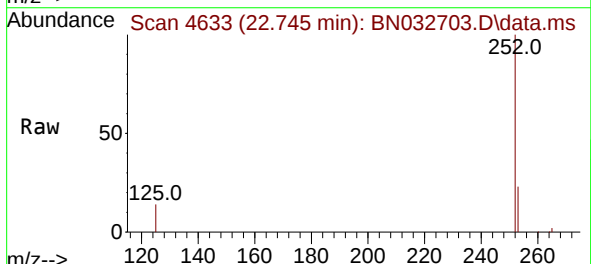
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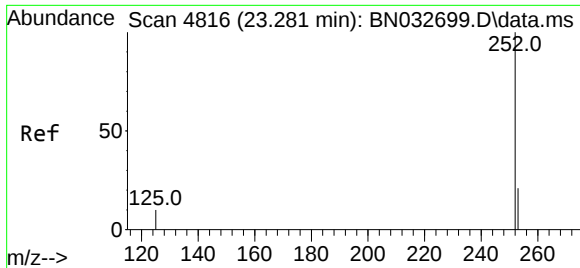
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 4.789 ng/ul m
RT: 22.745 min Scan# 4633
Delta R.T. -0.032 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

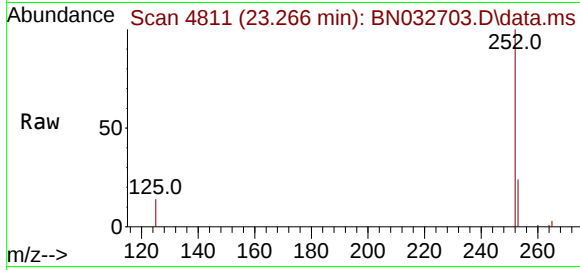
Tgt Ion:252 Resp: 449303
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 14.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 5.659 ng/ul m
RT: 23.266 min Scan# 4816
Delta R.T. -0.044 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

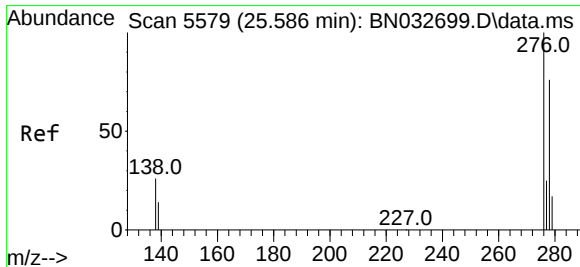
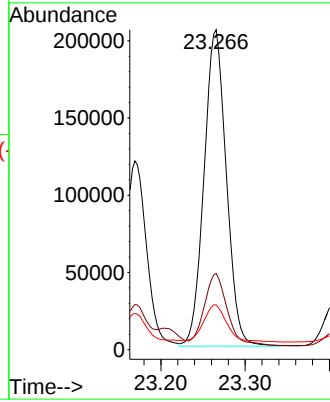
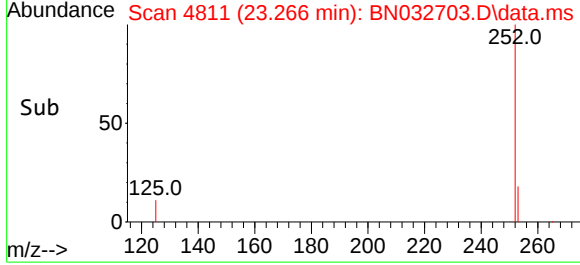
Instrument :
BNA_N
ClientSampleId :
A4CB3MS



Tgt Ion:252 Resp: 377050
Ion Ratio Lower Upper
252 100
253 23.8 25.4 38.0
125 14.0 20.6 30.8

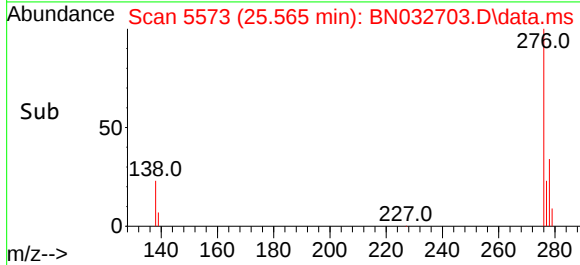
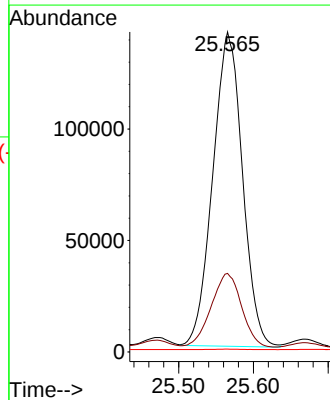
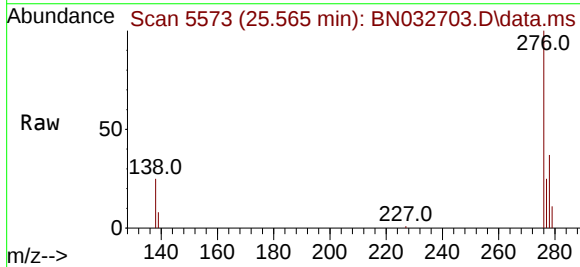
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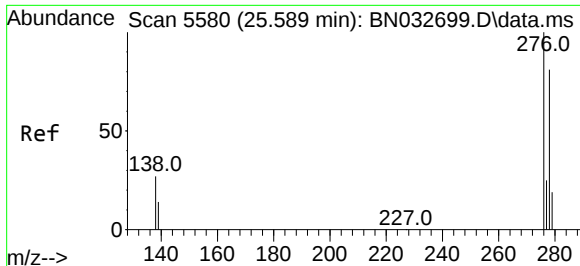
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.305 ng/ul
RT: 25.565 min Scan# 5573
Delta R.T. -0.061 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

Tgt Ion:276 Resp: 388407
Ion Ratio Lower Upper
276 100
138 24.1 21.6 32.4
227 0.2 0.0 0.0





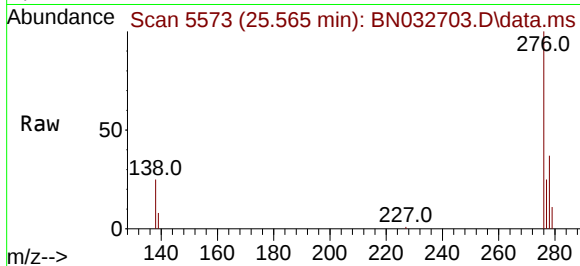
#28
Dibenzo(a,h)anthracene
Concen: 2.409 ng/ul
RT: 25.565 min Scan# 51
Delta R.T. -0.074 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54

Instrument :

BNA_N

ClientSampleId :

A4CB3MS

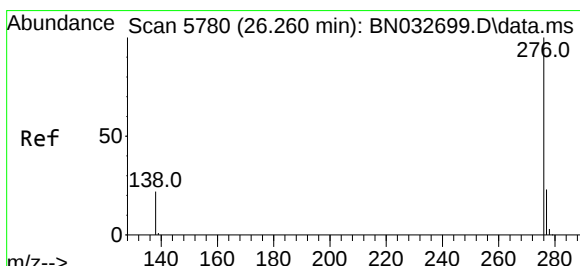
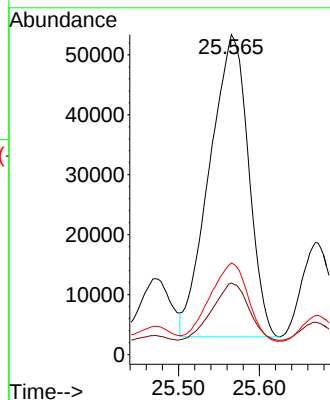
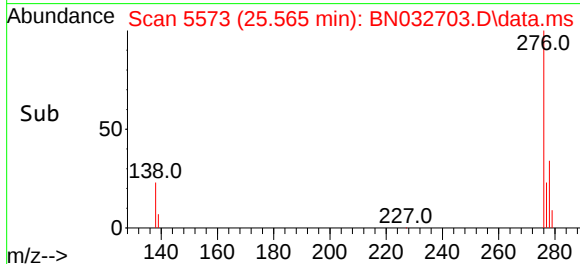


Tgt Ion:278 Resp: 168428
Ion Ratio Lower Upper
278 100
139 22.4 16.6 24.8
279 28.7 23.7 35.5

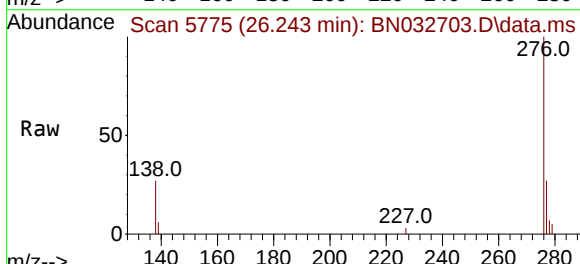
Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 1.470 ng/ul
RT: 26.243 min Scan# 5775
Delta R.T. -0.057 min
Lab File: BN032703.D
Acq: 13 Jul 2024 10:54



Tgt Ion:276 Resp: 110830
Ion Ratio Lower Upper
276 100
138 26.7 21.0 31.4
277 27.4 20.6 31.0

