

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032907.D
 Acq On : 23 Jul 2024 12:54
 Operator : MA/JU
 Sample : P3215-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 13:36:24 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	5938	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	20394	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.170	164	12360	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	22879m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.150	240	15718m	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	17149m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	16754	2.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5438	0.176	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	9669	0.189	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	8393	0.153	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	2696	0.079	ng/ul	98
8) 1-Methylnaphthalene	12.191	142	1883	0.053	ng/ul	99
10) Acenaphthylene	13.892	152	14514	0.291	ng/ul	99
11) Acenaphthene	14.235	153	7926	0.192	ng/ul	99
12) Fluorene	15.229	166	12607	0.267	ng/ul	100
15) Phenanthrene	16.974	178	319516m	5.128	ng/ul	
16) Anthracene	17.067	178	54070m	1.062	ng/ul	
19) Fluoranthene	19.004	202	522541	8.177	ng/ul	99
20) Pyrene	19.371	202	344286	5.205	ng/ul	99
21) Benzo(a)anthracene	21.133	228	202539	4.048	ng/ul	99
22) Chrysene	21.185	228	220741	3.050	ng/ul	98
24) Benzo(b)fluoranthene	22.684	252	293658m	4.853	ng/ul	
25) Benzo(k)fluoranthene	22.722	252	96460m	1.308	ng/ul	
26) Benzo(a)pyrene	23.243	252	109883	2.098	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.539	276	108330	1.528	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.536	278	34945	0.636	ng/ul#	94
29) Benzo(g,h,i)perylene	26.226	276	14536	0.245	ng/ul#	83

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

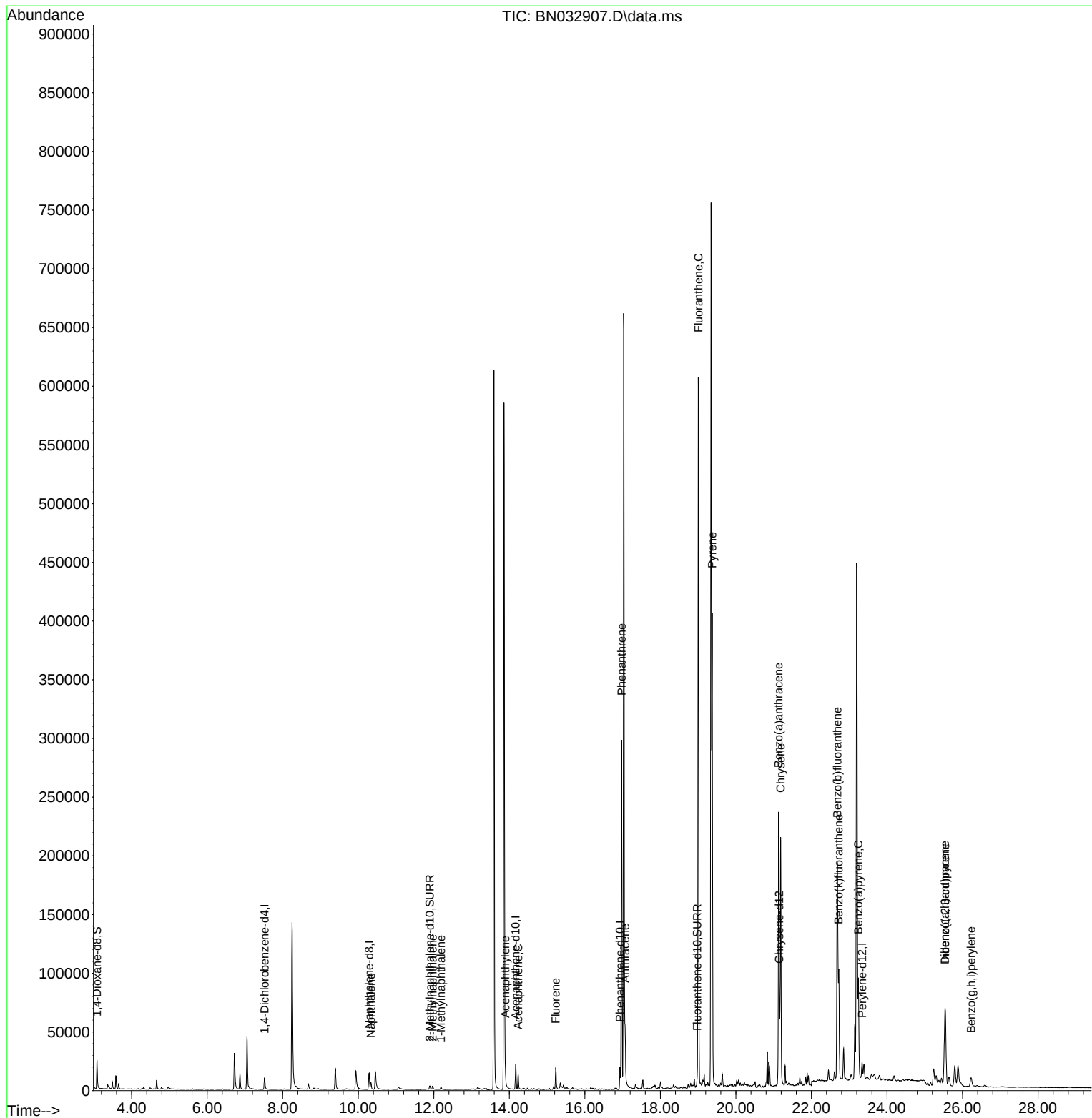
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032907.D
Acq On : 23 Jul 2024 12:54
Operator : MA/JU
Sample : P3215-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

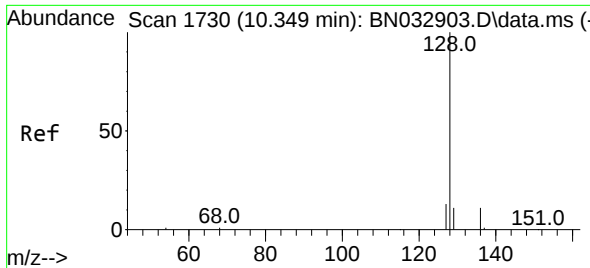
Instrument :
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A4CJ5

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Supervised By :mohammad ahmed 07/26/2024

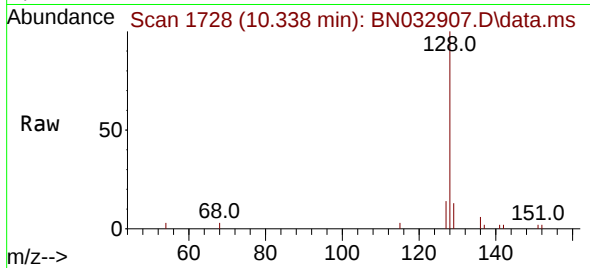
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

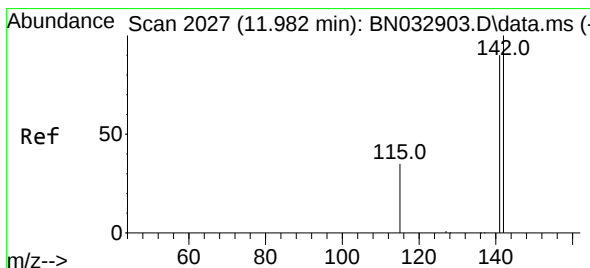
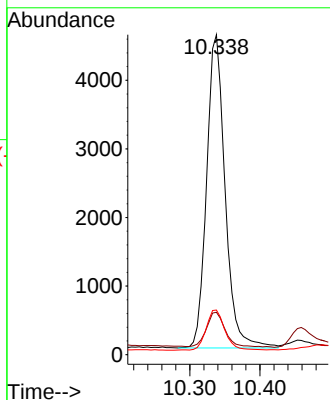
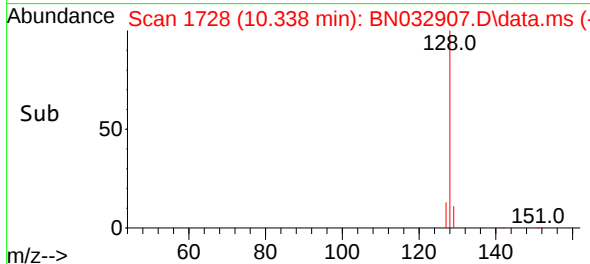
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:128 Resp: 839
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 14.0 11.6 17.4

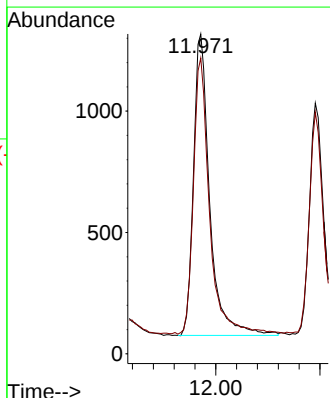
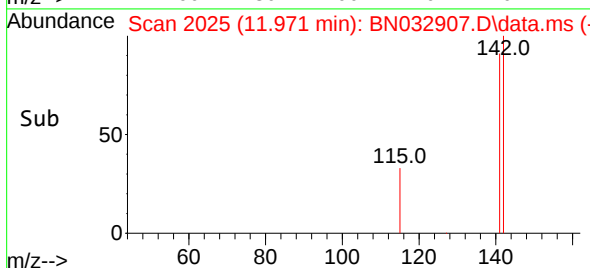
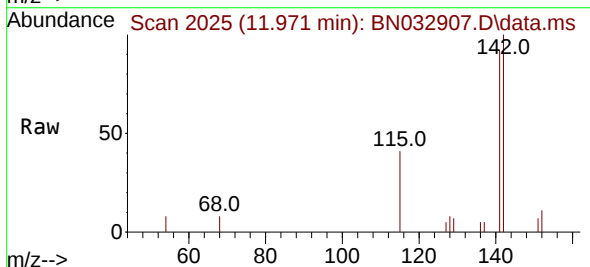
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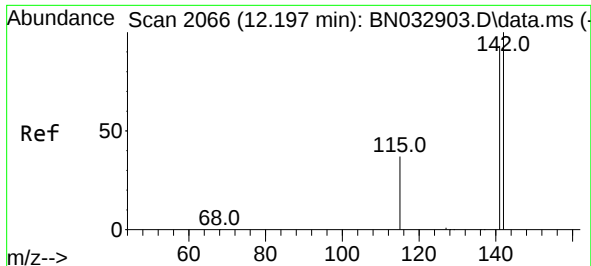
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

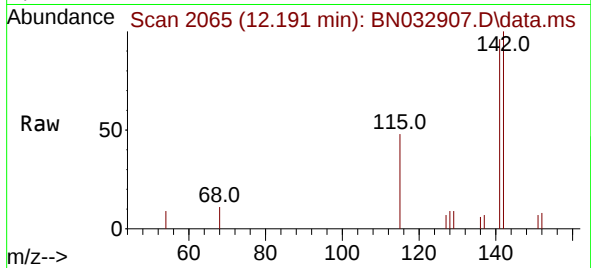
Tgt Ion:142 Resp: 2696
Ion Ratio Lower Upper
142 100
141 90.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.020 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

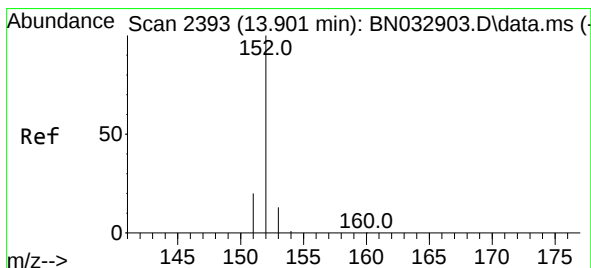
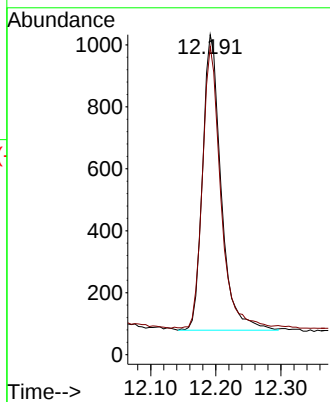
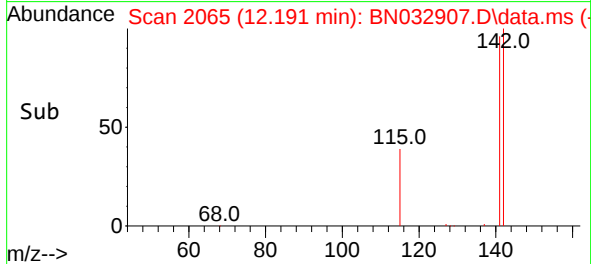
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
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141 94.7 75.0 112.4

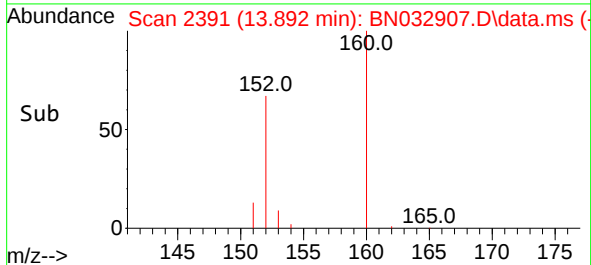
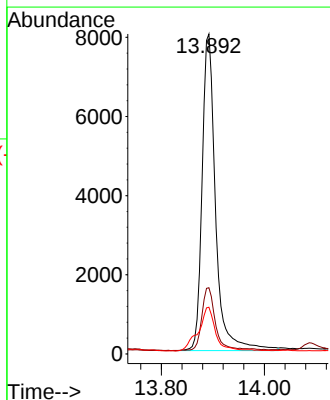
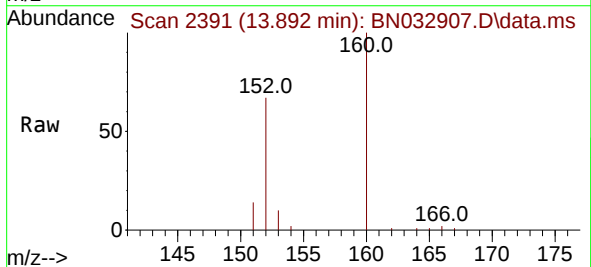
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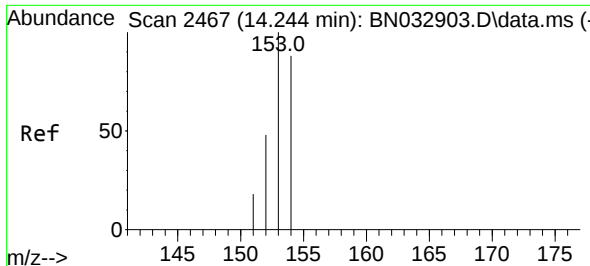
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

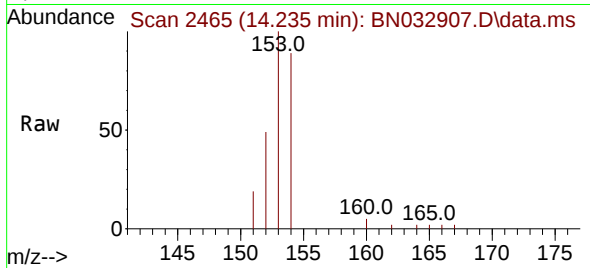
Tgt Ion:152 Resp: 14514
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

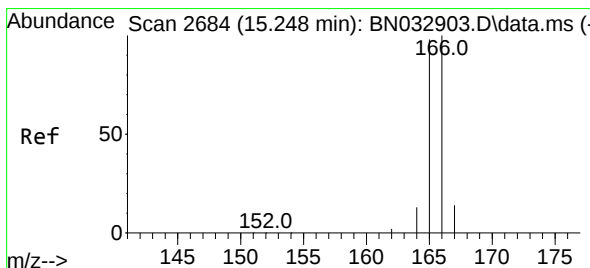
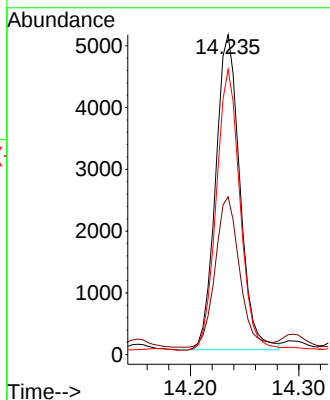
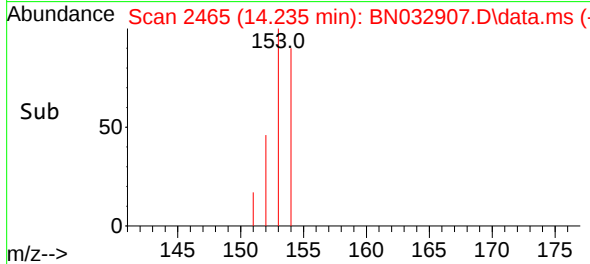
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:153 Resp: 7920
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 89.1 70.2 105.4

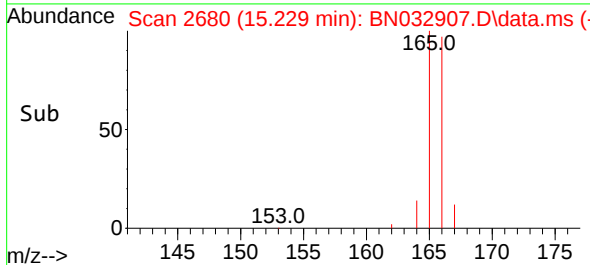
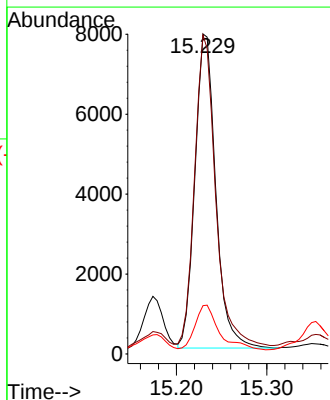
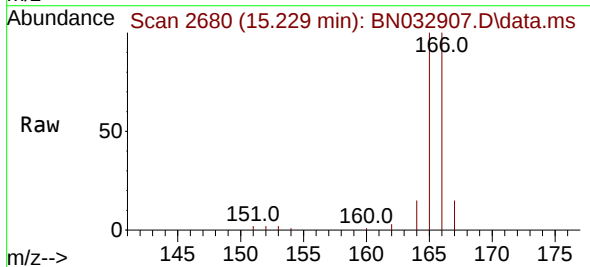
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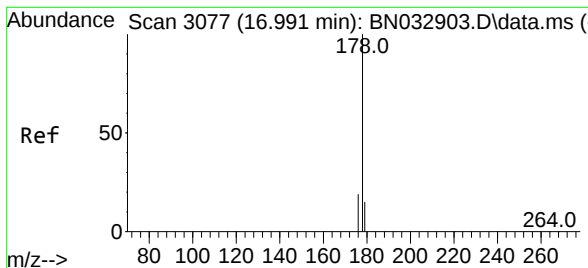
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

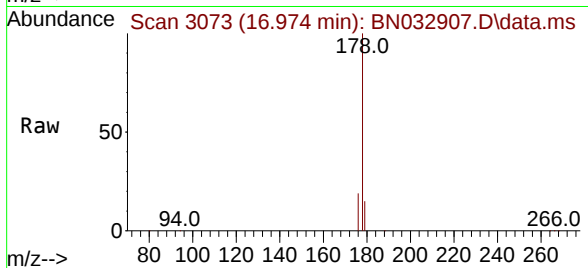
Tgt Ion:166 Resp: 12607
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 15.1 11.4 17.2





#15
 Phenanthrene
 Concen: 5.128 ng/ul m
 RT: 16.974 min Scan# 3073
 Delta R.T. -0.028 min
 Lab File: BN032907.D
 Acq: 23 Jul 2024 12:54

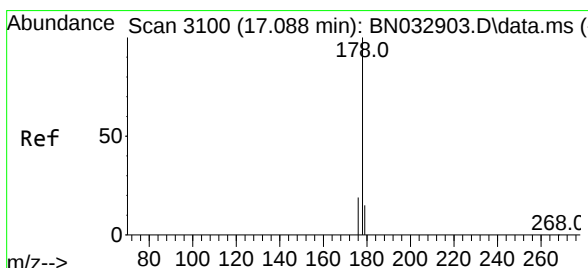
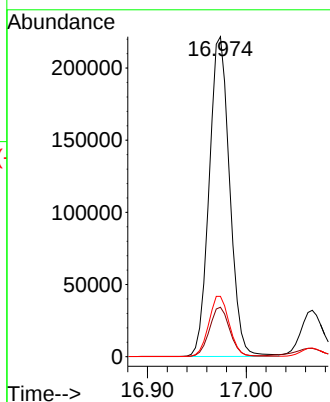
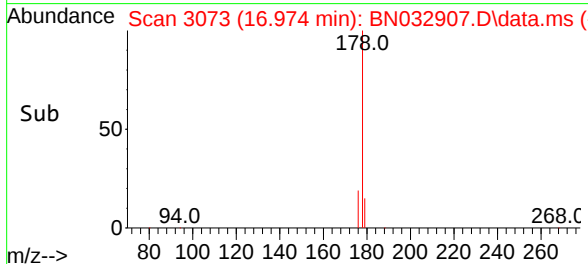
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5



Tgt Ion:178 Resp: 319510
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.4
 176 18.8 15.6 23.4

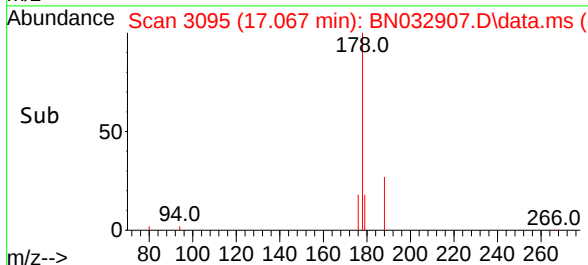
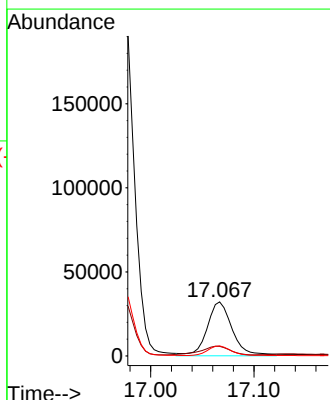
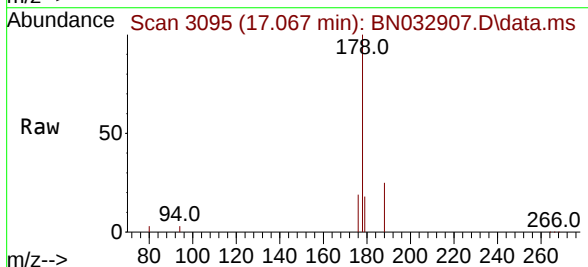
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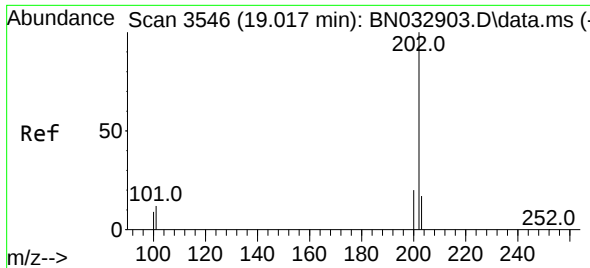
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#16
 Anthracene
 Concen: 1.062 ng/ul m
 RT: 17.067 min Scan# 3095
 Delta R.T. -0.032 min
 Lab File: BN032907.D
 Acq: 23 Jul 2024 12:54

Tgt Ion:178 Resp: 54070
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.4 20.2
 176 18.6 15.4 23.0





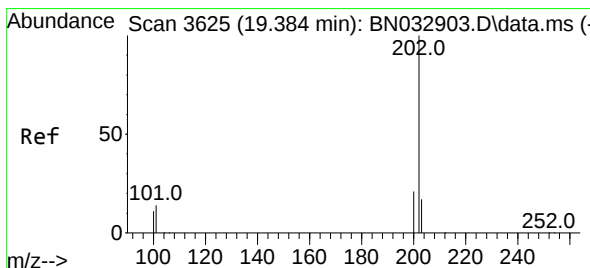
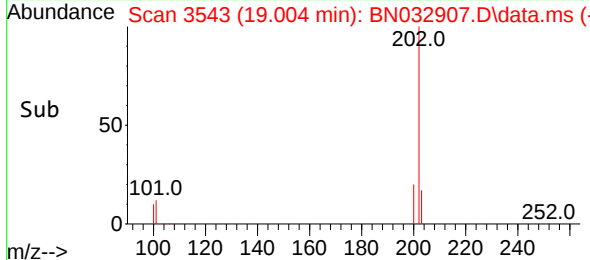
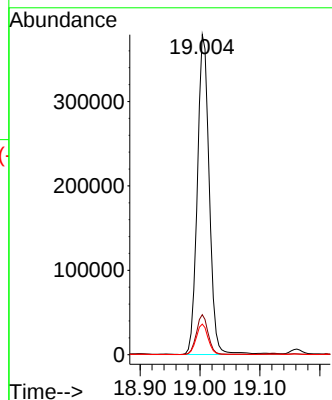
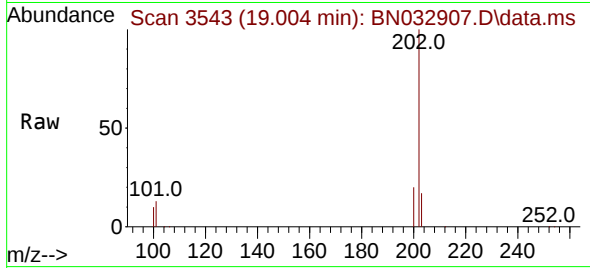
#19
Fluoranthene
Concen: 8.177 ng/u1
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

Instrument :
BNA_N
ClientSampleId :
A4CJ5

Tgt Ion:202 Resp: 52254
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.6 7.9 11.9

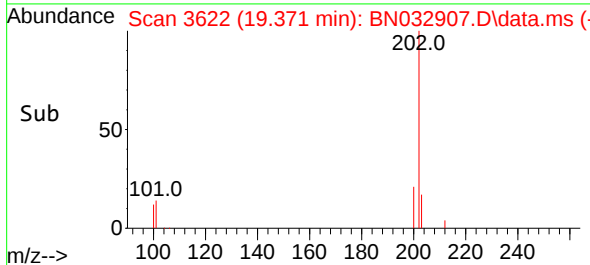
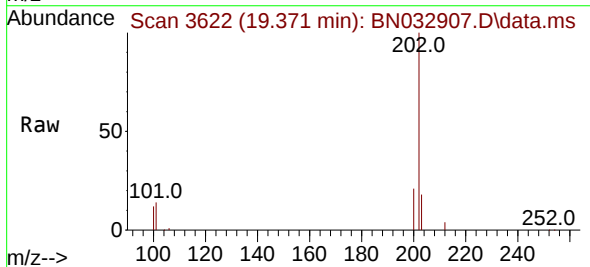
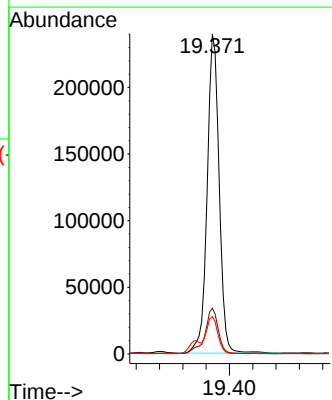
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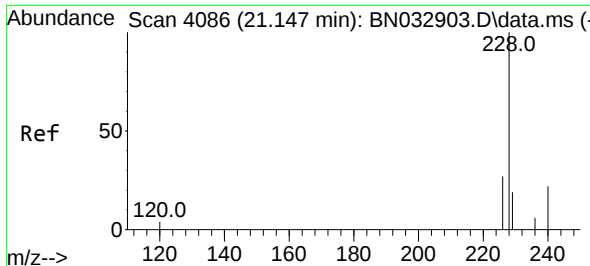
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 5.205 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

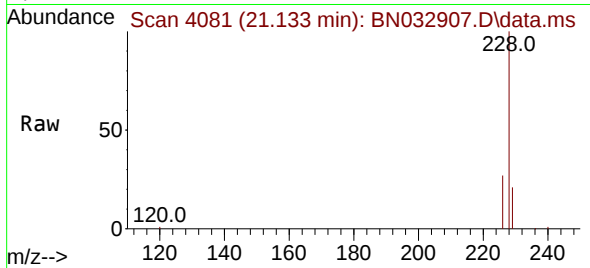
Tgt Ion:202 Resp: 344286
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 4.048 ng/ul
RT: 21.133 min Scan# 4081
Delta R.T. -0.018 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

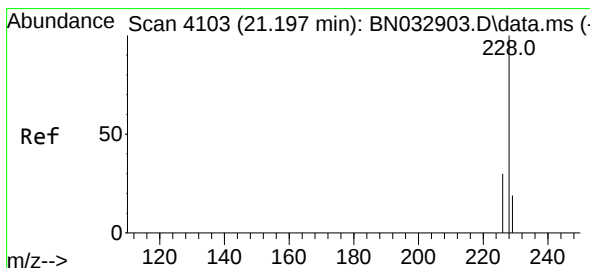
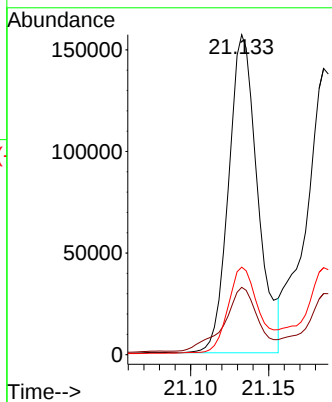
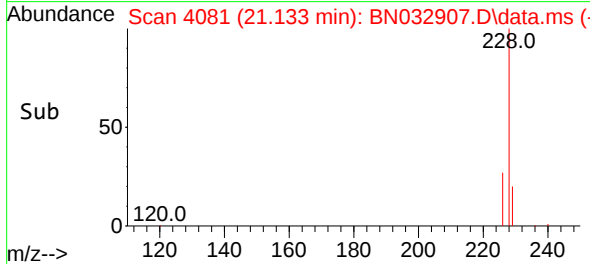
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:228 Resp: 202539
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 27.3 21.9 32.9

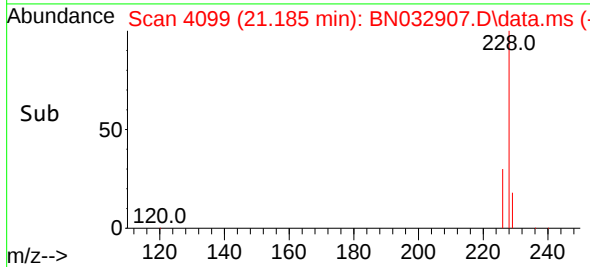
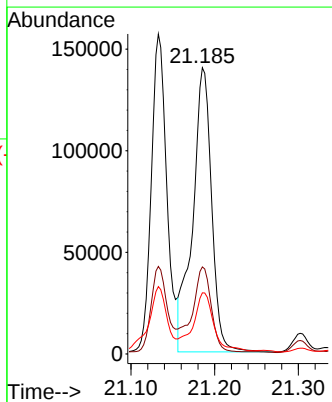
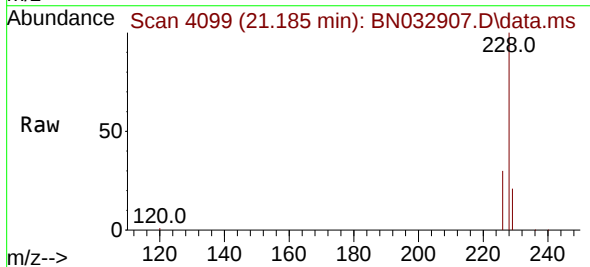
Manual Integrations
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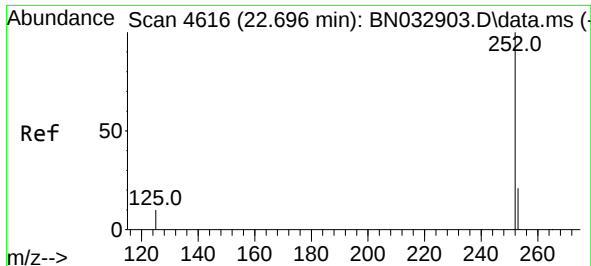
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 3.050 ng/ul
RT: 21.185 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

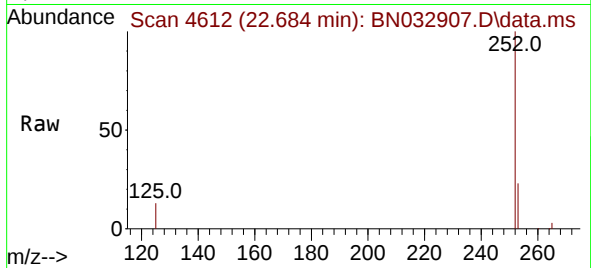
Tgt Ion:228 Resp: 220741
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.853 ng/ul m
RT: 22.684 min Scan# 4612
Delta R.T. -0.015 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

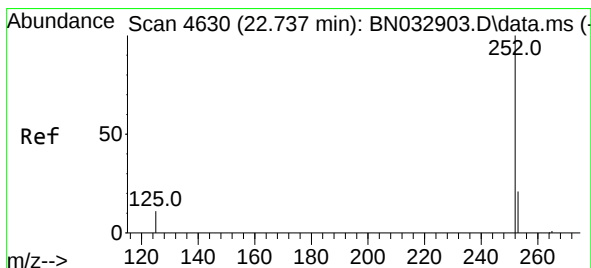
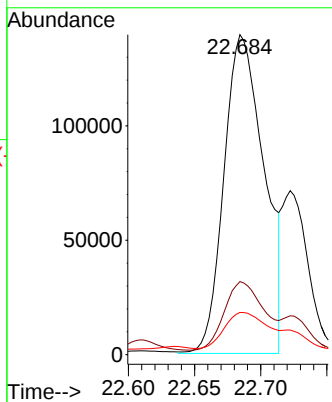
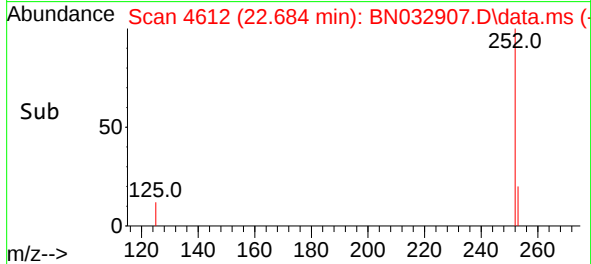
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:252 Resp: 293658
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 13.2 0.0 36.0

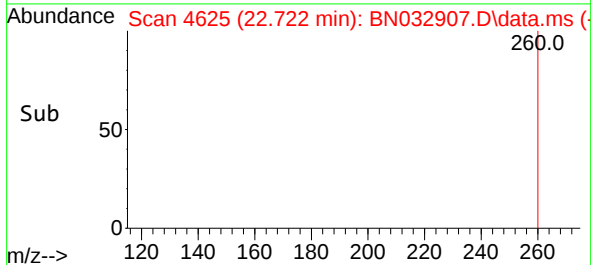
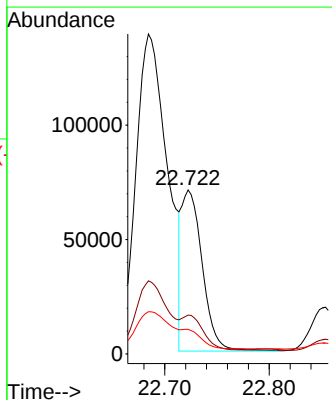
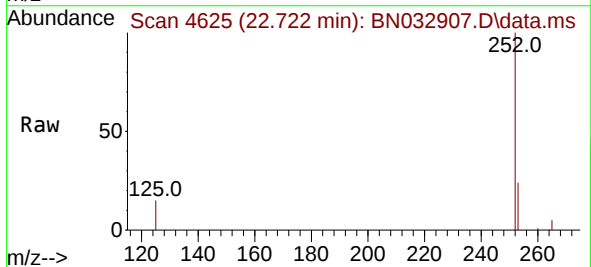
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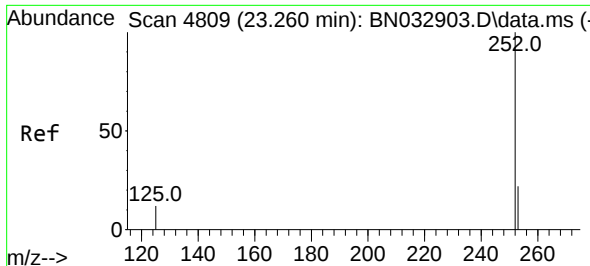
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 1.308 ng/ul m
RT: 22.722 min Scan# 4625
Delta R.T. -0.018 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

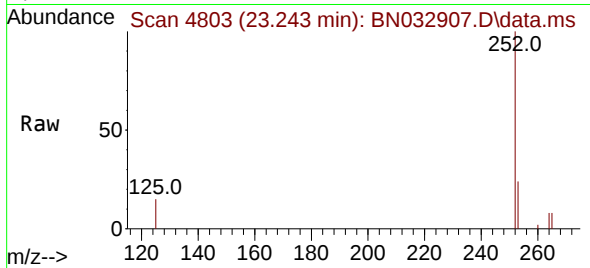
Tgt Ion:252 Resp: 96460
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 15.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.098 ng/ul
RT: 23.243 min Scan# 4803
Delta R.T. -0.021 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

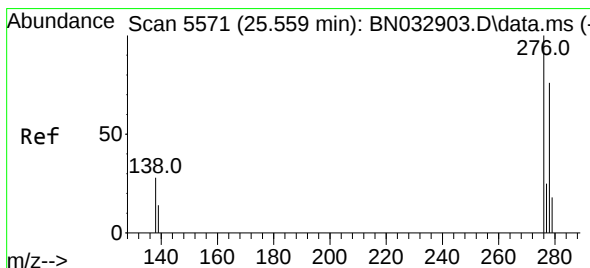
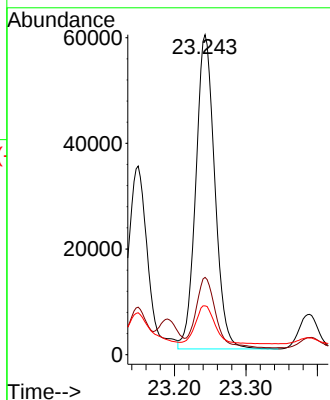
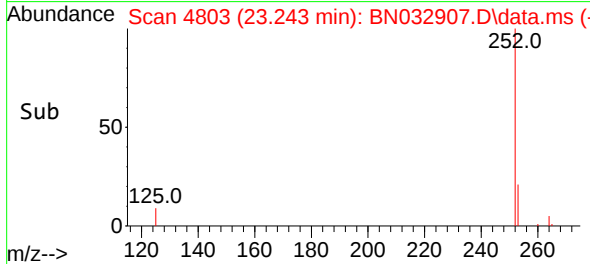
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:252 Resp: 10988
Ion Ratio Lower Upper
252 100
253 24.2 25.4 38.0
125 15.3 20.6 30.8

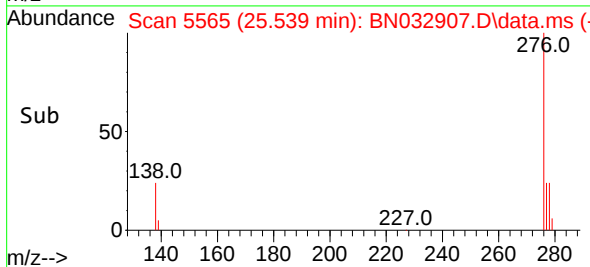
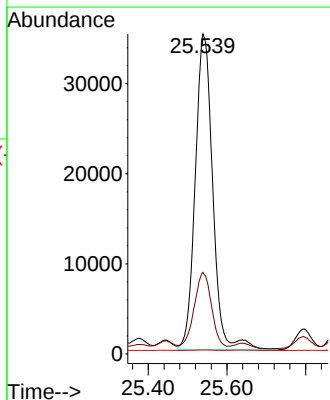
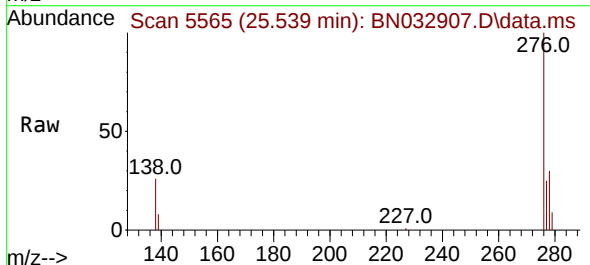
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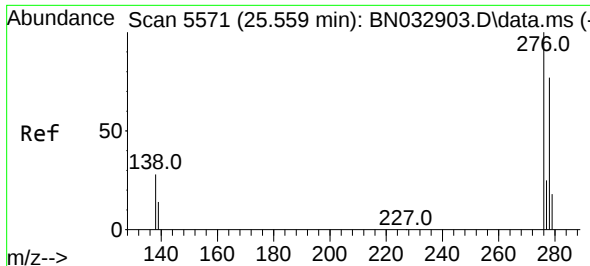
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.528 ng/ul
RT: 25.539 min Scan# 5565
Delta R.T. -0.030 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

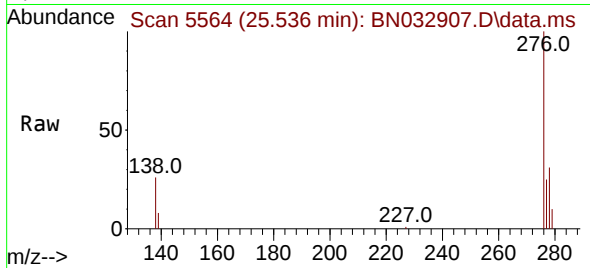
Tgt Ion:276 Resp: 108330
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.636 ng/ul
RT: 25.536 min Scan# 5564
Delta R.T. -0.034 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

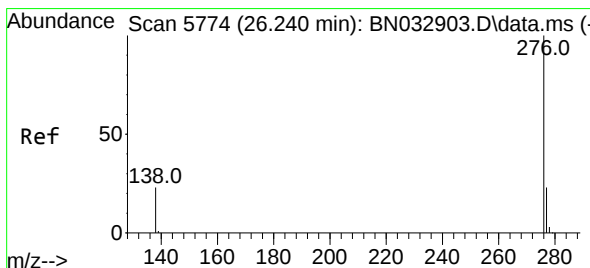
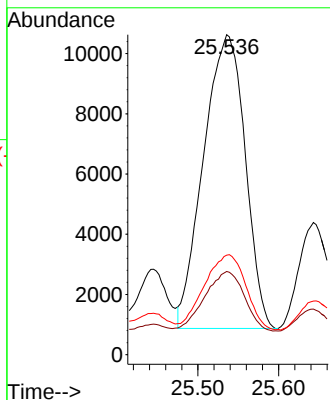
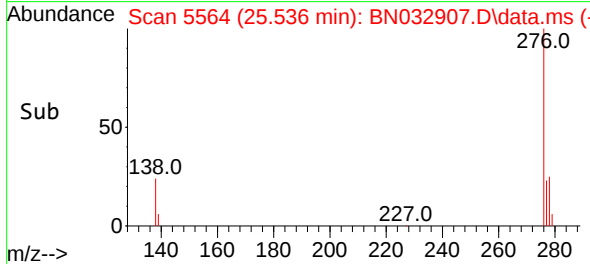
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:278 Resp: 3494
Ion Ratio Lower Upper
278 100
139 26.0 16.6 24.8
279 31.1 23.7 35.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 26.226 min Scan# 5770
Delta R.T. -0.024 min
Lab File: BN032907.D
Acq: 23 Jul 2024 12:54

Tgt Ion:276 Resp: 14536
Ion Ratio Lower Upper
276 100
138 35.4 21.0 31.4#
277 34.4 20.6 31.0#

