

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032908.D
 Acq On : 23 Jul 2024 13:30
 Operator : MA/JU
 Sample : P3215-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ7

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 13:56:42 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	4391	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	15579	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.170	164	9585	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.931	188	21400m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.153	240	11286m	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	12324m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	17705	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5994	0.255	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	9094	0.247	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	7033	0.168	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	3153	0.121	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	2137	0.079	ng/ul	100
10) Acenaphthylene	13.892	152	8415m	0.217	ng/ul	
11) Acenaphthene	14.234	153	6480	0.202	ng/ul	100
12) Fluorene	15.229	166	8429	0.230	ng/ul#	98
15) Phenanthrene	16.974	178	107161m	1.839	ng/ul	
16) Anthracene	17.067	178	23246m	0.488	ng/ul	
19) Fluoranthene	19.008	202	168150	3.664	ng/ul	97
20) Pyrene	19.375	202	160674	3.383	ng/ul	97
21) Benzo(a)anthracene	21.135	228	74995	2.088	ng/ul	96
22) Chrysene	21.188	228	81510	1.568	ng/ul	96
24) Benzo(b)fluoranthene	22.687	252	100845m	2.319	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	34428m	0.650	ng/ul	
26) Benzo(a)pyrene	23.245	252	73491	1.953	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	25.545	276	49854	0.978	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.545	278	12450	0.315	ng/ul#	65
29) Benzo(g,h,i)perylene	26.223	276	52766	1.239	ng/ul	98

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

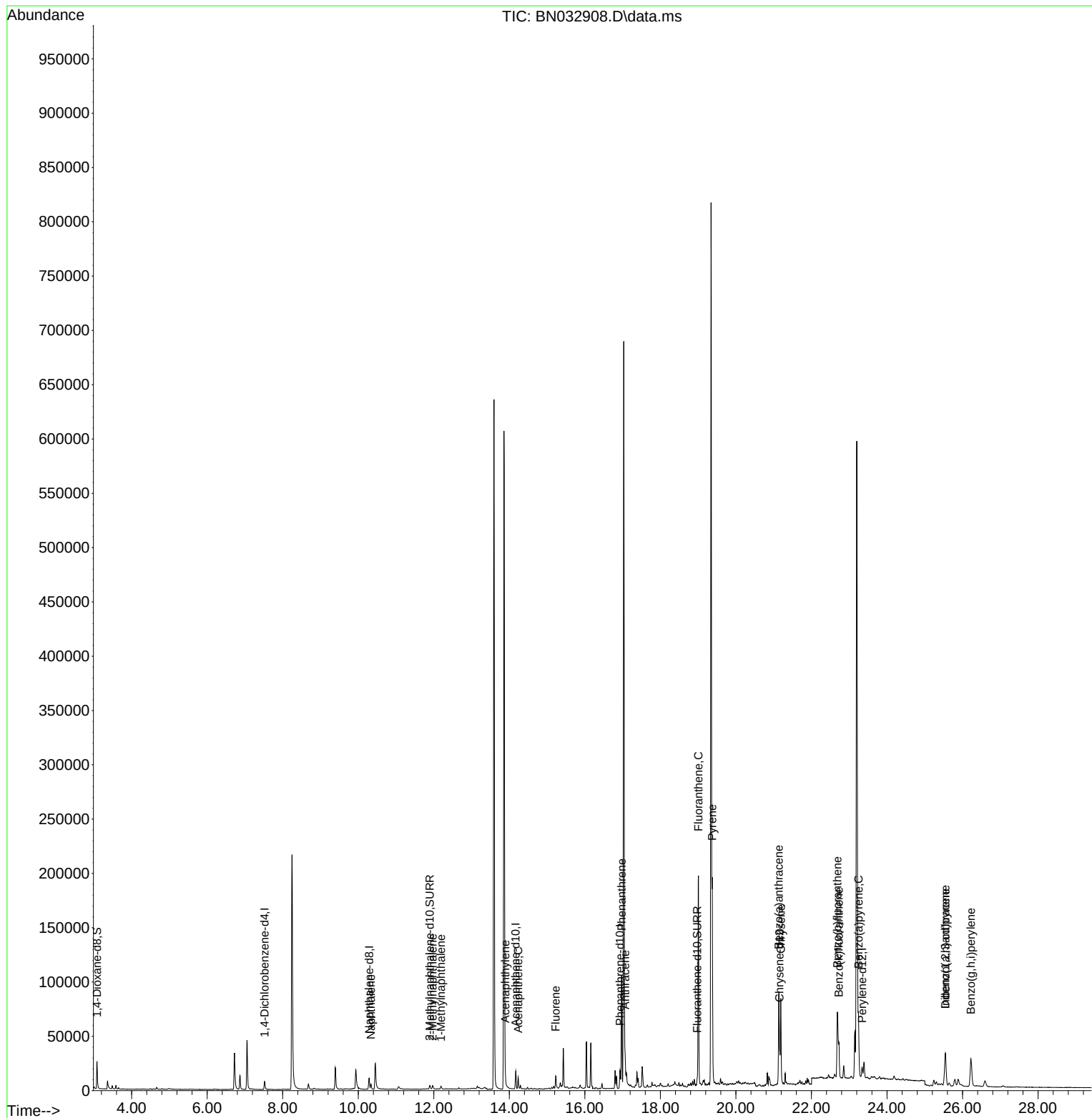
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
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ALS Vial : 17 Sample Multiplier: 1

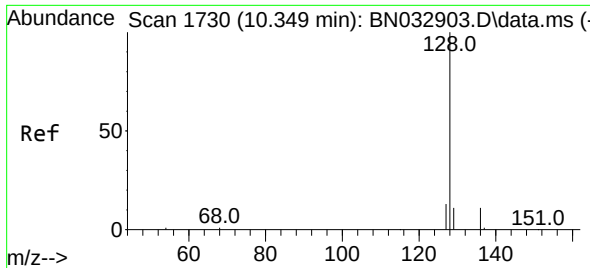
Instrument :
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Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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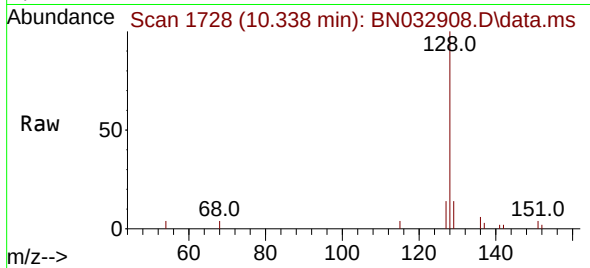
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024





#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

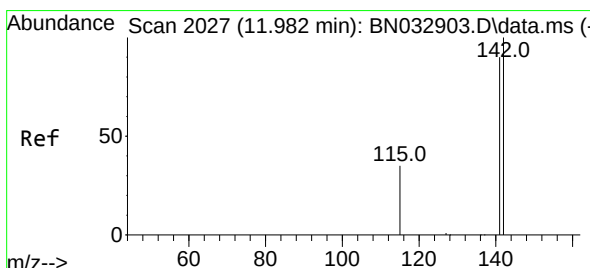
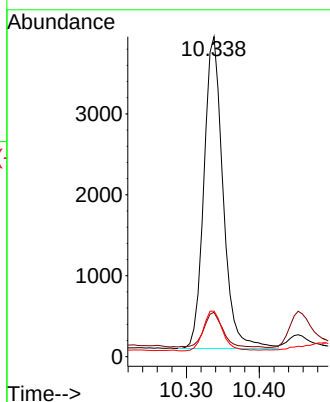
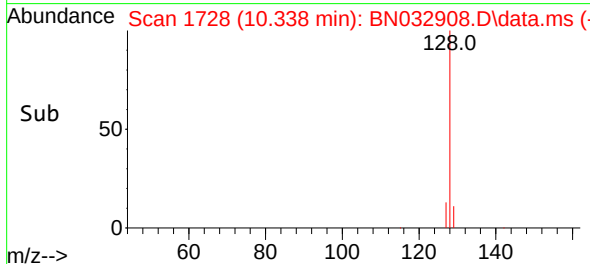
Instrument :
BNA_N
ClientSampleId :
A4CJ7



Tgt Ion:128 Resp: 7038
Ion Ratio Lower Upper
128 100
129 13.8 10.0 15.0
127 14.3 11.6 17.4

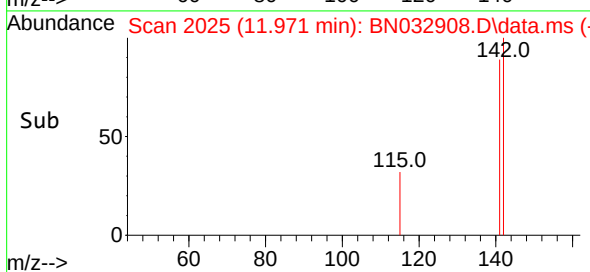
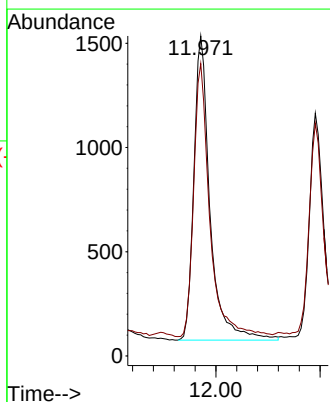
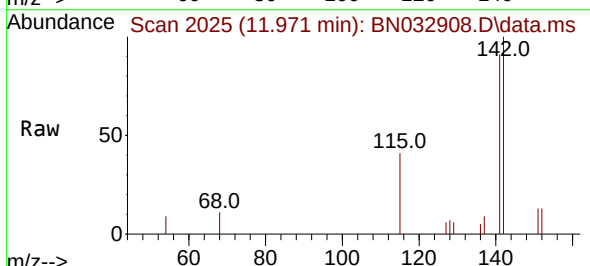
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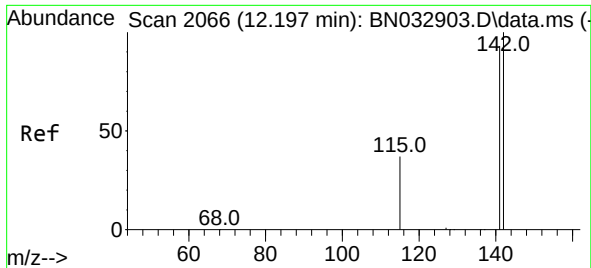
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

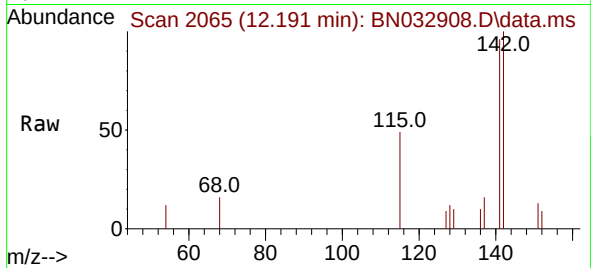
Tgt Ion:142 Resp: 3153
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.021 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

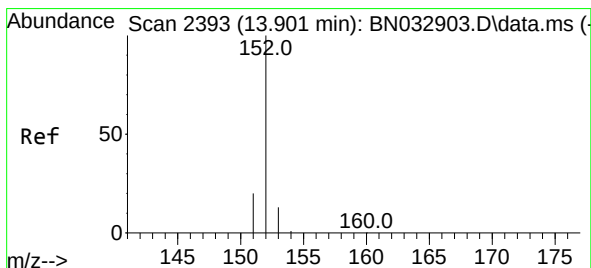
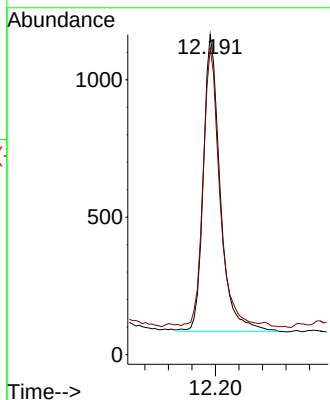
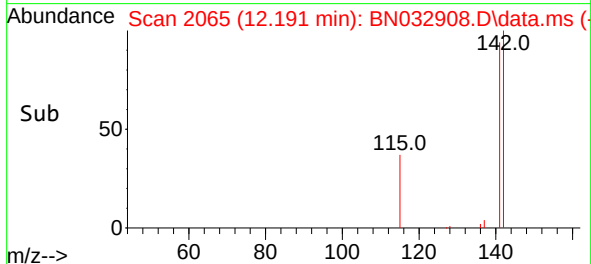
Instrument :
BNA_N
ClientSampleId :
A4CJ7



Tgt Ion:142 Resp: 213
Ion Ratio Lower Upper
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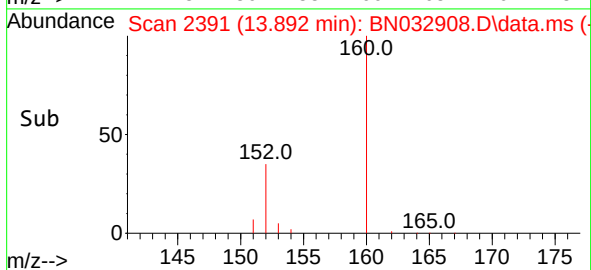
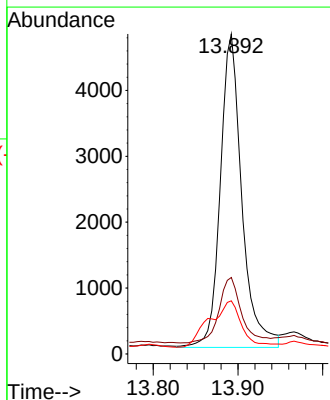
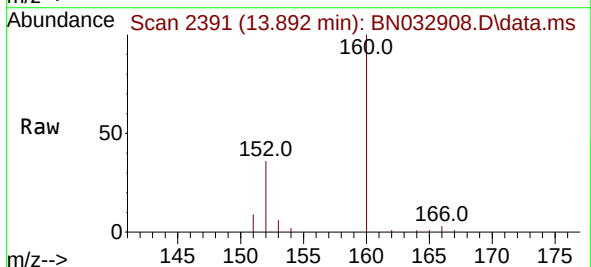
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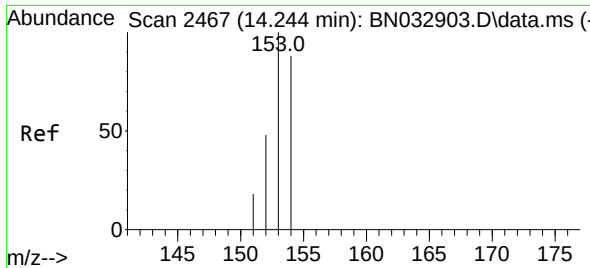
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.217 ng/ul m
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

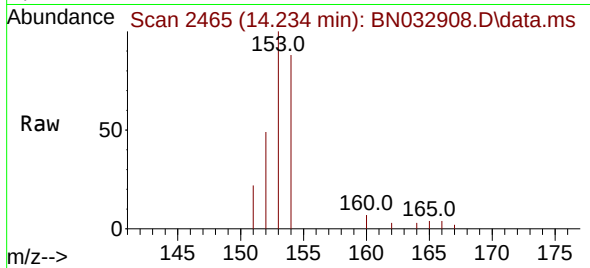
Tgt Ion:152 Resp: 8415
Ion Ratio Lower Upper
152 100
151 23.9 16.3 24.5
153 16.6 11.3 16.9





#11
Acenaphthene
Concen: 0.202 ng/u1
RT: 14.234 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

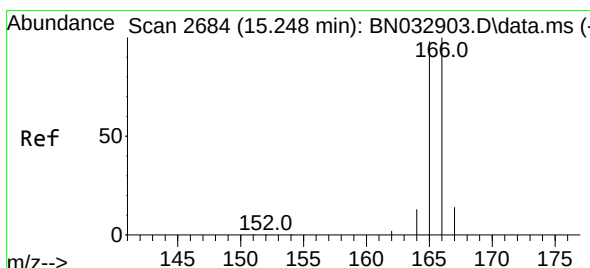
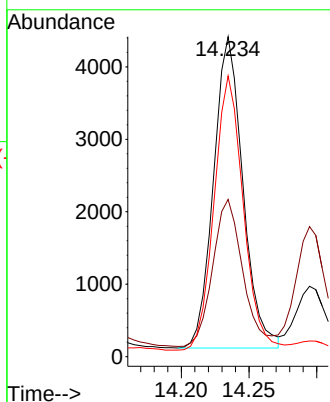
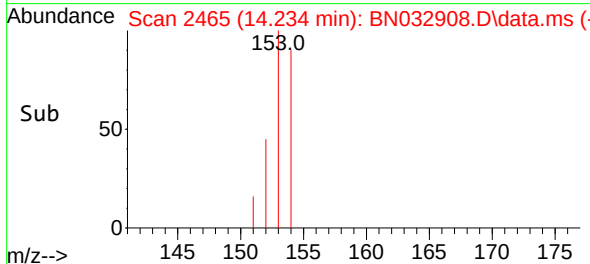
Instrument :
BNA_N
ClientSampleId :
A4CJ7



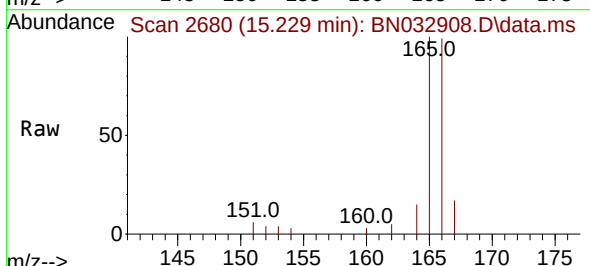
Tgt Ion:153 Resp: 6480
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 87.7 70.2 105.4

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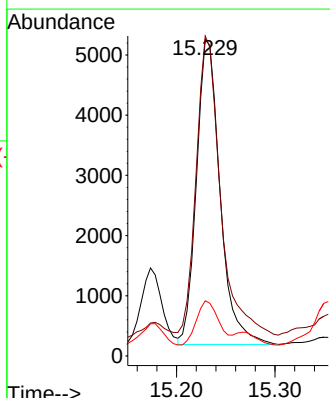
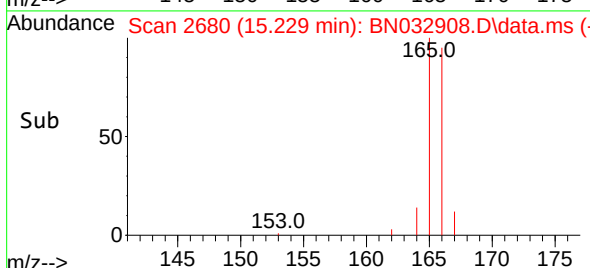
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

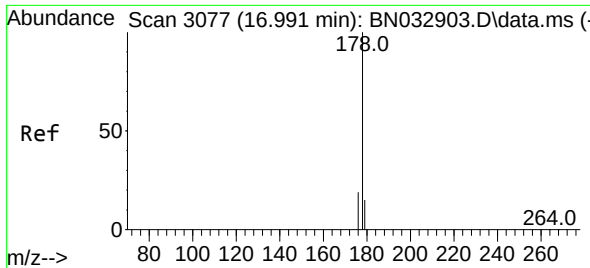


#12
Fluorene
Concen: 0.230 ng/u1
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30



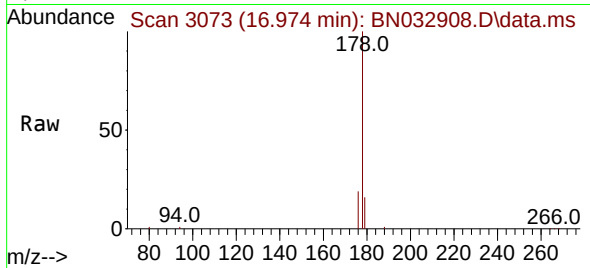
Tgt Ion:166 Resp: 8429
Ion Ratio Lower Upper
166 100
165 101.2 79.7 119.5
167 17.5 11.4 17.2#





#15
Phenanthrene
Concen: 1.839 ng/ul m
RT: 16.974 min Scan# 3073
Delta R.T. -0.028 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

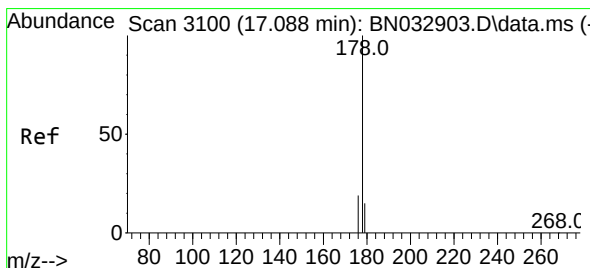
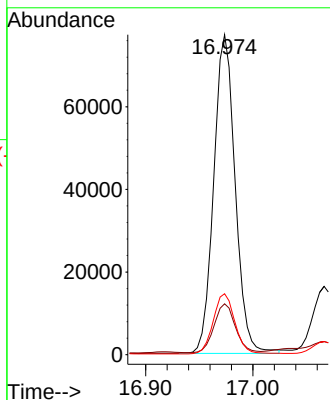
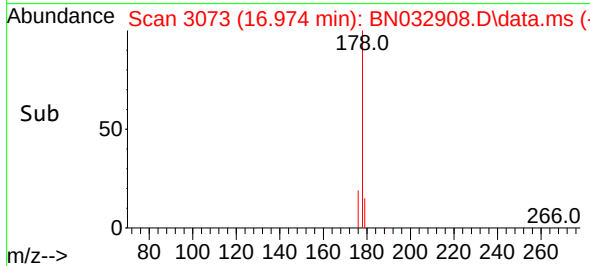
Instrument :
BNA_N
ClientSampleId :
A4CJ7



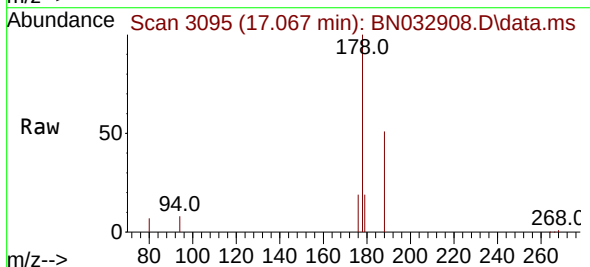
Tgt Ion:178 Resp: 10716
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.0 15.6 23.4

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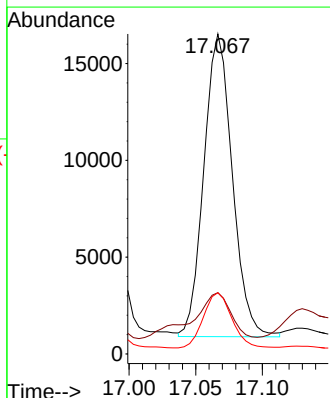
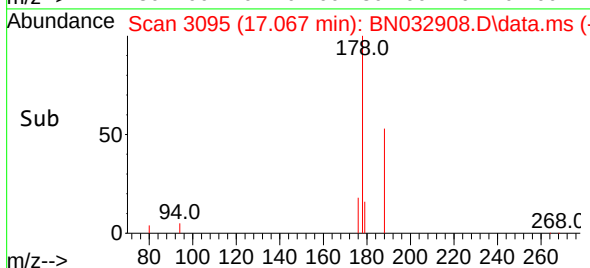
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

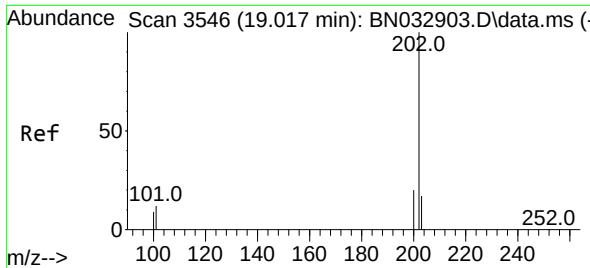


#16
Anthracene
Concen: 0.488 ng/ul m
RT: 17.067 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30



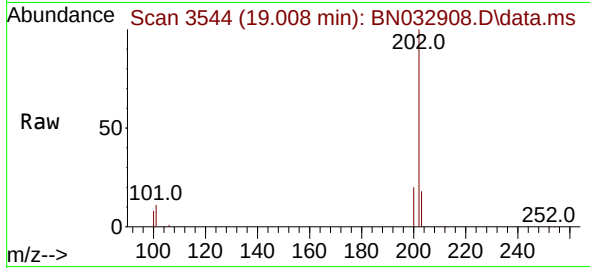
Tgt Ion:178 Resp: 23246
Ion Ratio Lower Upper
178 100
179 19.1 13.4 20.2
176 19.2 15.4 23.0





#19
Fluoranthene
Concen: 3.664 ng/u1
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

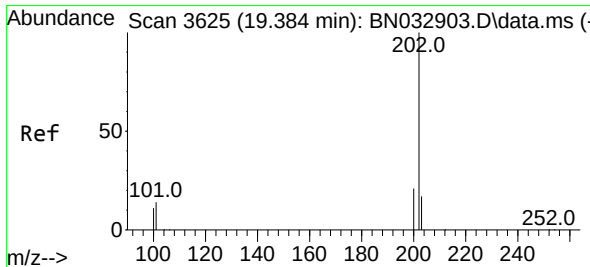
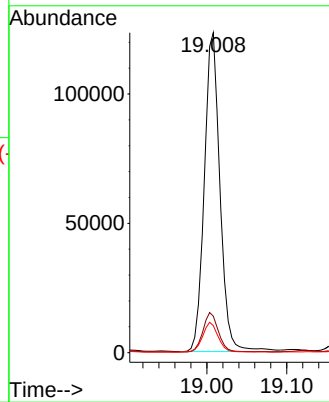
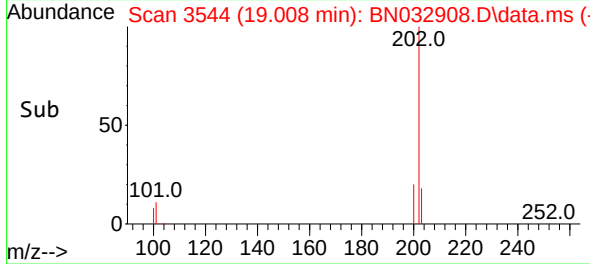
Instrument :
BNA_N
ClientSampleId :
A4CJ7



Tgt Ion:202 Resp: 168150
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

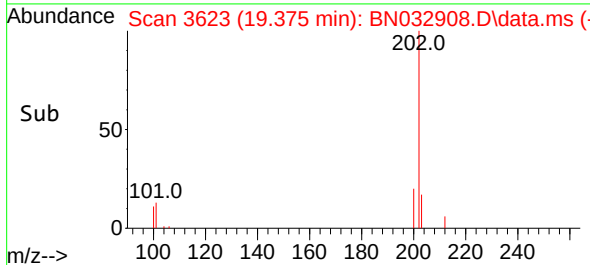
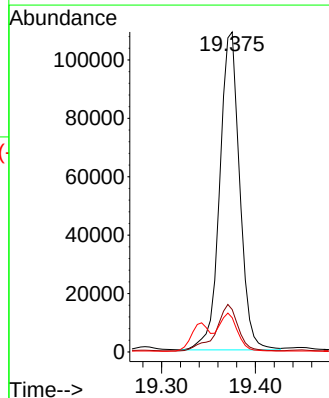
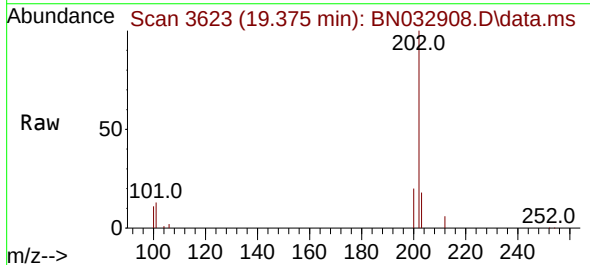
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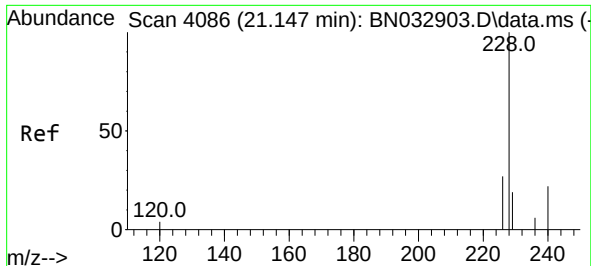
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 3.383 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

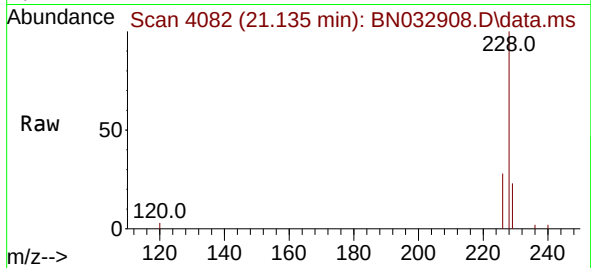
Tgt Ion:202 Resp: 160674
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.088 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. -0.015 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

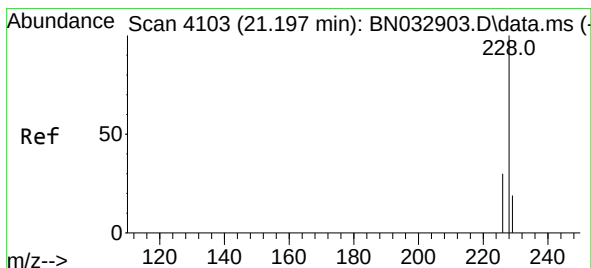
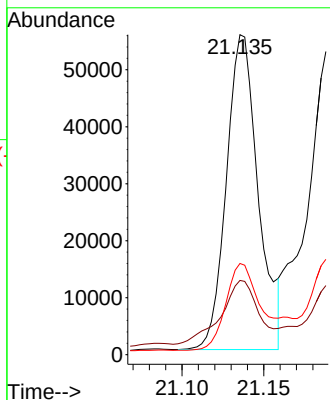
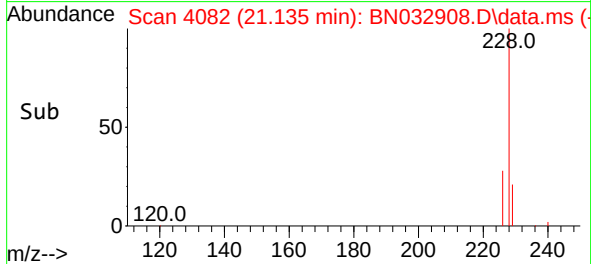
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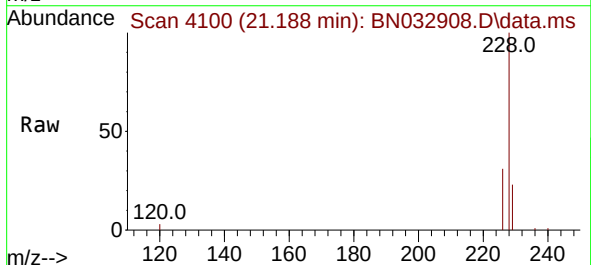
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Ion Ratio Lower Upper
228 100
229 23.2 16.1 24.1
226 28.5 21.9 32.9

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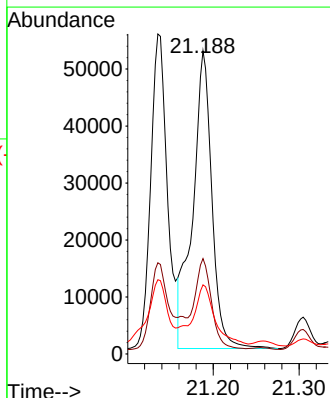
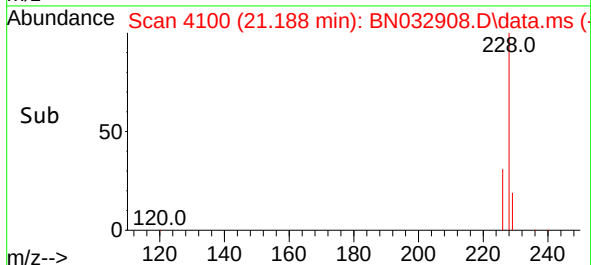
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

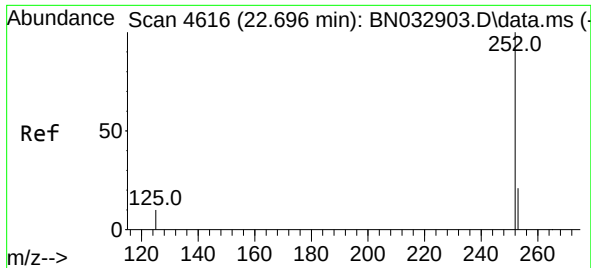


#22
Chrysene
Concen: 1.568 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30



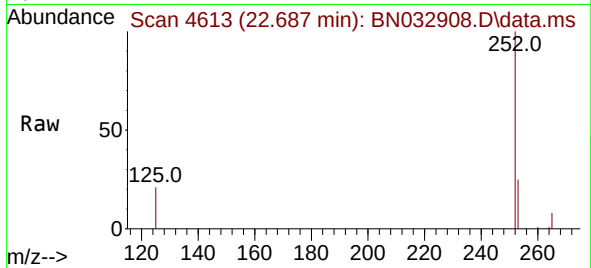
Tgt Ion:228 Resp: 81510
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.319 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

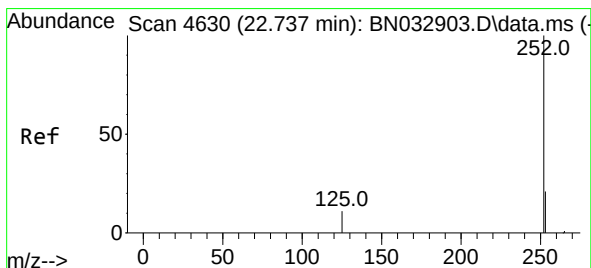
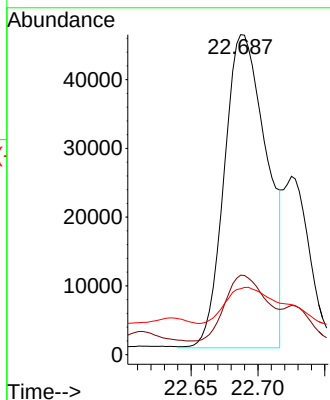
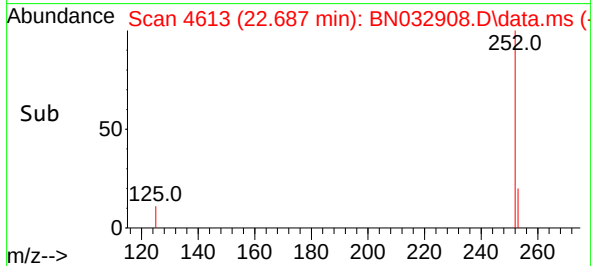
Instrument :
BNA_N
ClientSampleId :
A4CJ7



Tgt Ion:252 Resp: 10084
Ion Ratio Lower Upper
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125 20.6 0.0 36.0

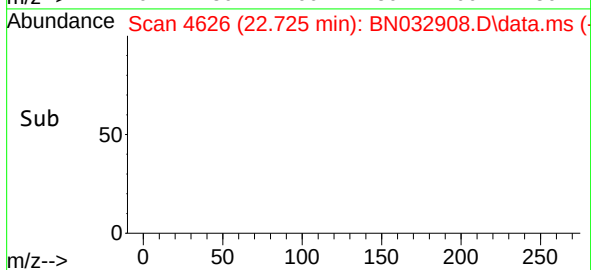
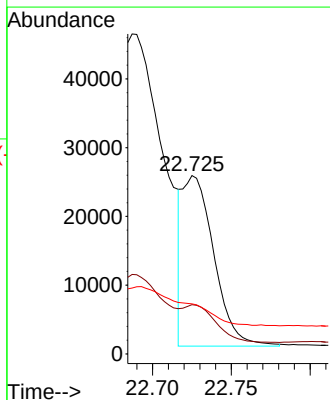
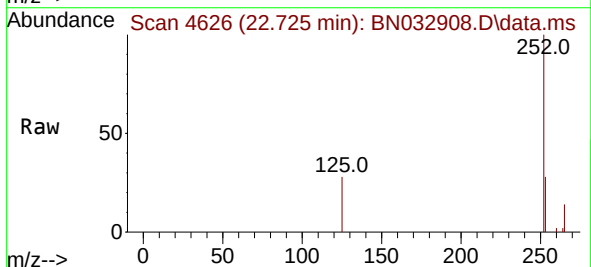
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APPROVED

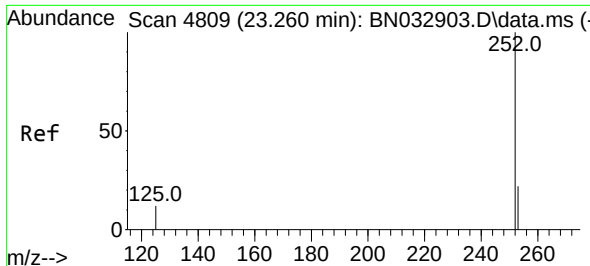
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.650 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

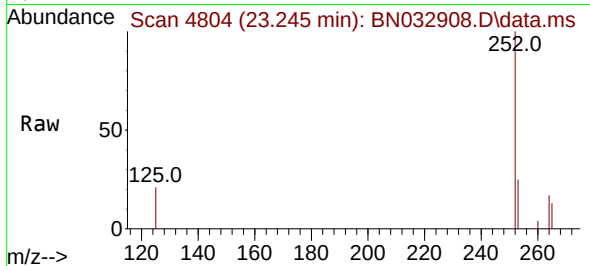
Tgt Ion:252 Resp: 34428
Ion Ratio Lower Upper
252 100
253 27.6 21.2 31.8
125 28.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.953 ng/ul
RT: 23.245 min Scan# 4809
Delta R.T. -0.018 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

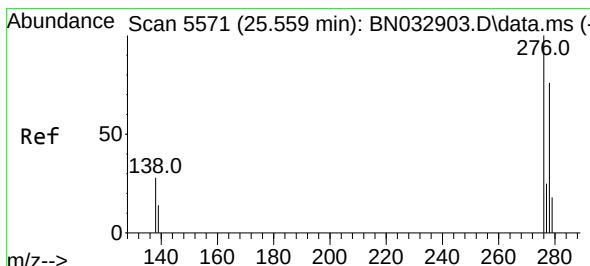
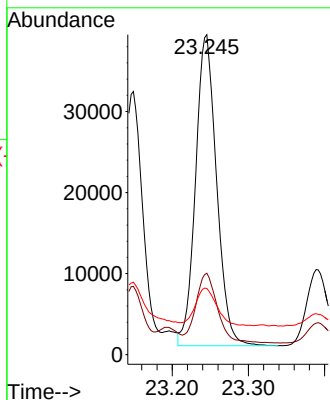
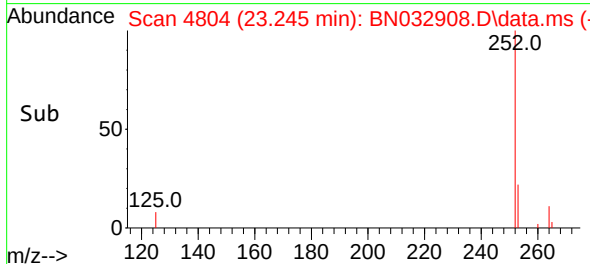
Instrument :
BNA_N
ClientSampleId :
A4CJ7



Tgt Ion:252 Resp: 7349
Ion Ratio Lower Upper
252 100
253 25.5 25.4 38.0
125 20.7 20.6 30.8

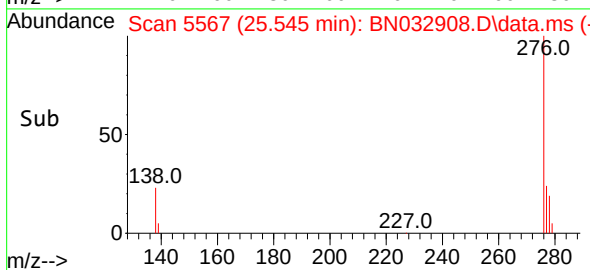
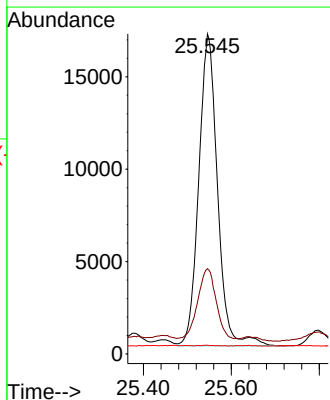
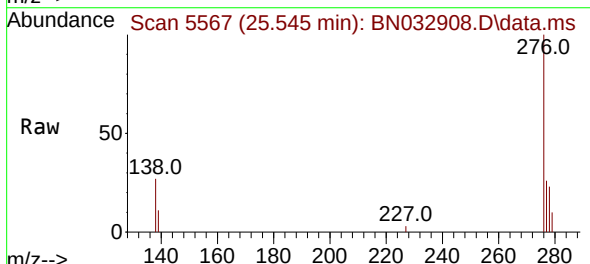
Manual Integrations
APPROVED

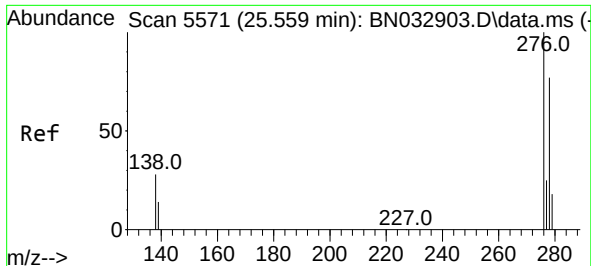
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.978 ng/ul
RT: 25.545 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032908.D
Acq: 23 Jul 2024 13:30

Tgt Ion:276 Resp: 49854
Ion Ratio Lower Upper
276 100
138 22.5 21.6 32.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.315 ng/ul

RT: 25.545 min Scan# 51

Delta R.T. -0.024 min

Lab File: BN032908.D

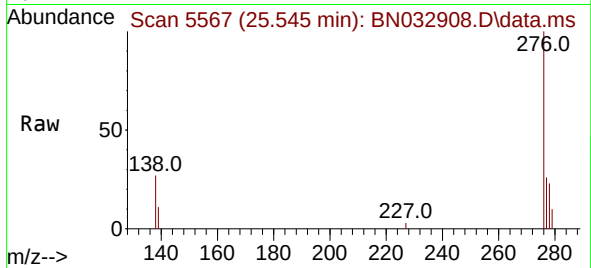
Acq: 23 Jul 2024 13:30

Instrument :

BNA_N

ClientSampleId :

A4CJ7



Tgt Ion:278 Resp: 12450

Ion Ratio Lower Upper

278 100

139 46.1 16.6 24.8

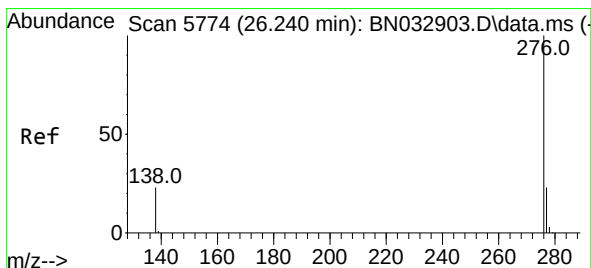
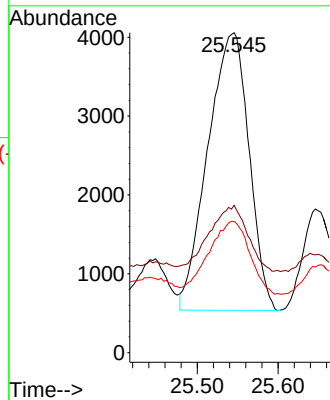
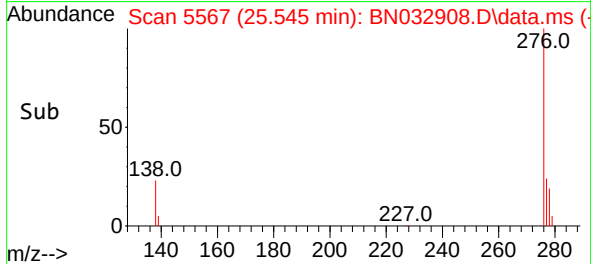
279 41.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/26/2024



#29

Benzo(g,h,i)perylene

Concen: 1.239 ng/ul

RT: 26.223 min Scan# 5769

Delta R.T. -0.027 min

Lab File: BN032908.D

Acq: 23 Jul 2024 13:30

Tgt Ion:276 Resp: 52766

Ion Ratio Lower Upper

276 100

138 27.7 21.0 31.4

277 26.2 20.6 31.0

