

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032923.D
 Acq On : 23 Jul 2024 23:07
 Operator : MA/JU
 Sample : P3238-15DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BZ5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:27:12 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	7.523	152	4856	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.299	136	16533	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.175	164	9810	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16308	0.400	ng/ul	-0.02
17) Chrysene-d12	21.150	240	12992	0.400	ng/ul	-0.01
23) Perylene-d12	23.339	264	15384	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	2507	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	692	0.028	ng/ul	-0.01
18) Fluoranthene-d10	18.976	212	1102	0.026	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	2597	0.058	ng/ul#	89
7) 2-Methylnaphthalene	11.988	142	1106	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.202	142	1058	0.037	ng/ul	98
10) Acenaphthylene	13.892	152	3846	0.097	ng/ul#	93
11) Acenaphthene	14.239	153	3345	0.102	ng/ul	98
12) Fluorene	15.239	166	4013	0.107	ng/ul	98
15) Phenanthrene	16.978	178	80844	1.820	ng/ul	99
16) Anthracene	17.075	178	14110	0.389	ng/ul	97
19) Fluoranthene	19.004	202	181444	3.435	ng/ul	99
20) Pyrene	19.371	202	130989	2.396	ng/ul	100
21) Benzo(a)anthracene	21.133	228	70083	1.695	ng/ul	98
22) Chrysene	21.185	228	92108m	1.540	ng/ul	
24) Benzo(b)fluoranthene	22.684	252	121624m	2.241	ng/ul	
25) Benzo(k)fluoranthene	22.722	252	47636m	0.720	ng/ul	
26) Benzo(a)pyrene	23.246	252	47335	1.008	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.542	276	50595	0.795	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.532	278	14146	0.287	ng/ul#	78
29) Benzo(g,h,i)perylene	26.223	276	7461	0.140	ng/ul#	74

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

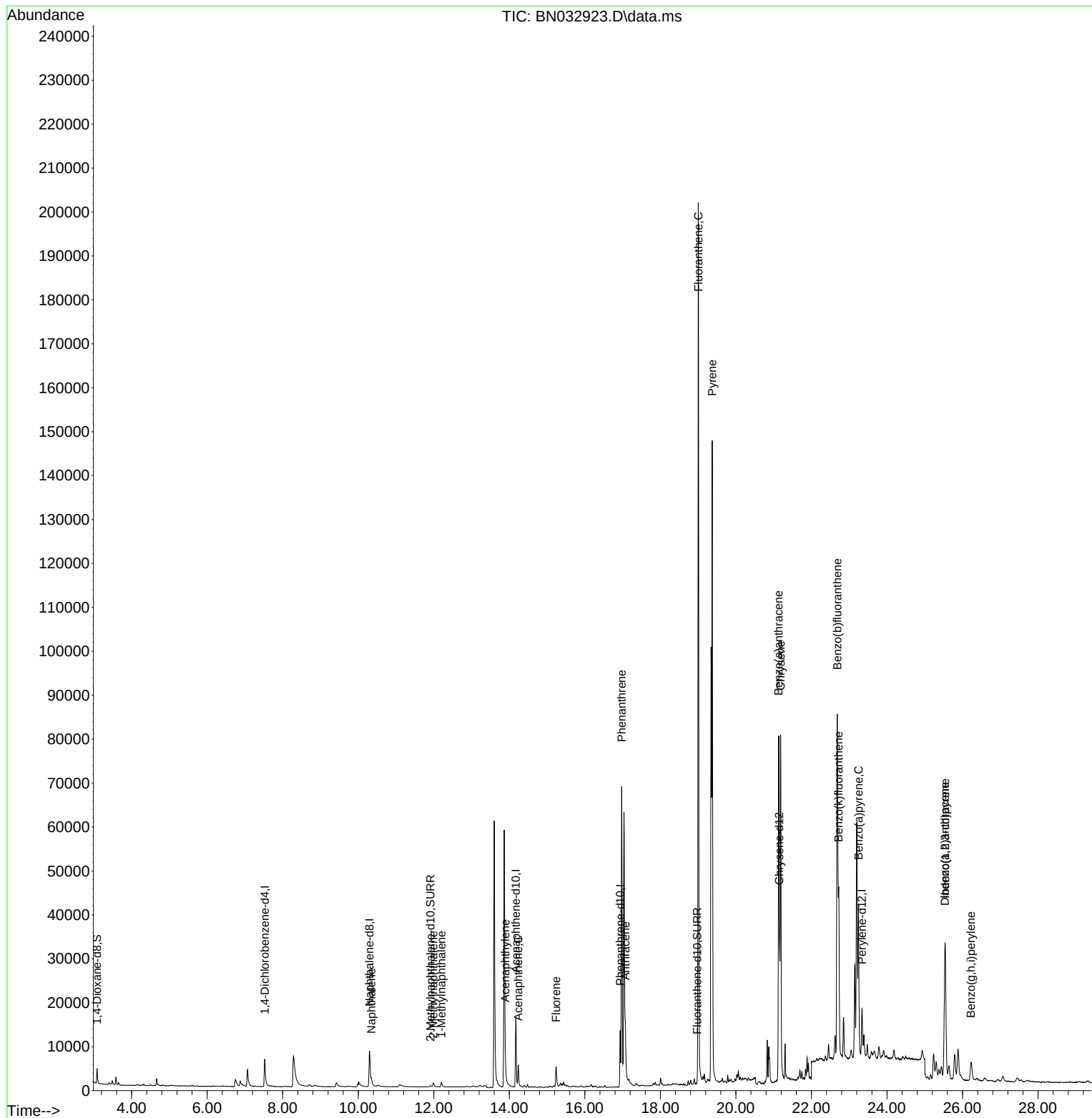
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032923.D
Acq On : 23 Jul 2024 23:07
Operator : MA/JU
Sample : P3238-15DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

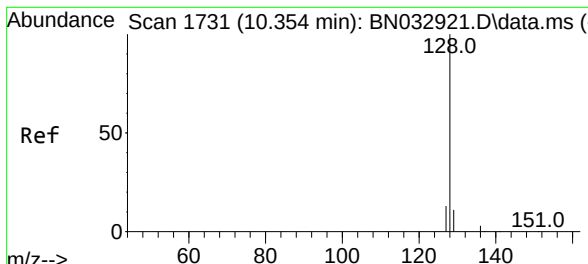
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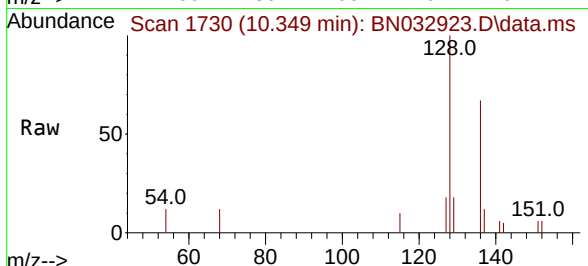
Quant Time: Jul 24 01:27:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.015 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

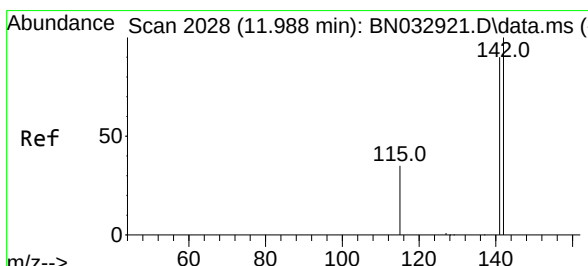
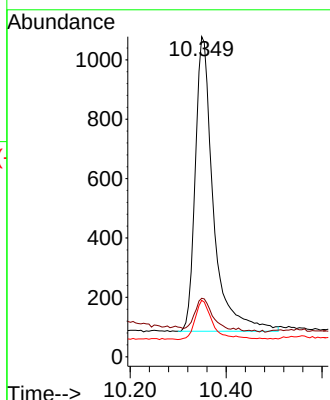
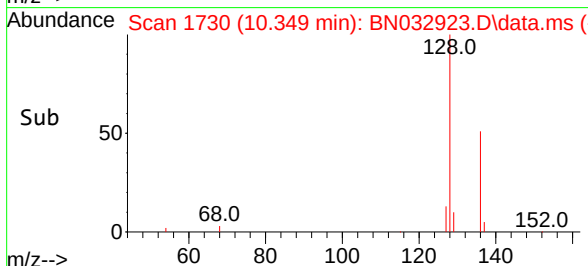
Instrument :
BNA_N
ClientSampleId :
A4BZ5DL



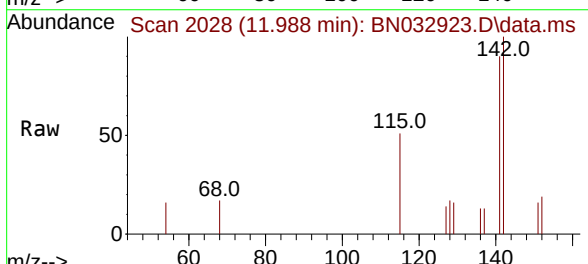
Tgt Ion:128 Resp: 259
Ion Ratio Lower Upper
128 100
129 18.3 10.0 15.0
127 17.6 11.6 17.4

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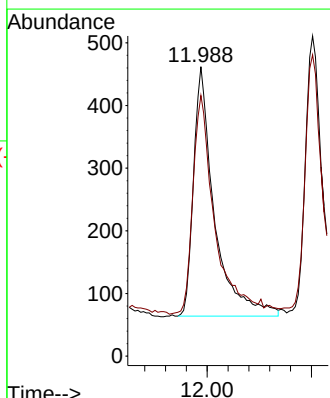
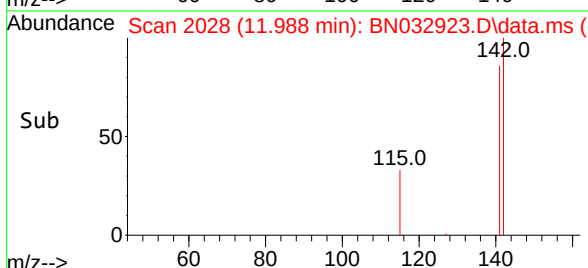
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

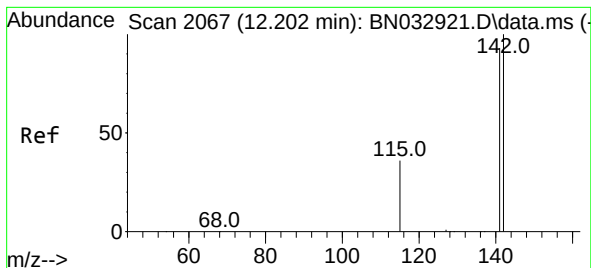


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.009 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07



Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.037 ng/ul

RT: 12.202 min Scan# 2067

Delta R.T. -0.009 min

Lab File: BN032923.D

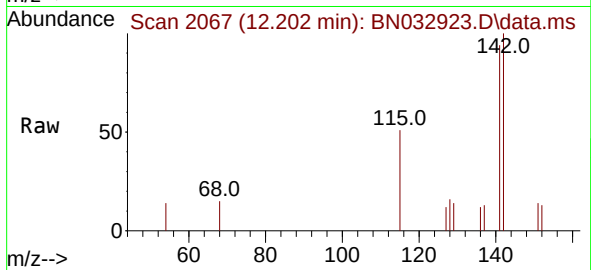
Acq: 23 Jul 2024 23:07

Instrument :

BNA_N

ClientSampleId :

A4BZ5DL



Tgt Ion:142 Resp: 1058

Ion Ratio Lower Upper

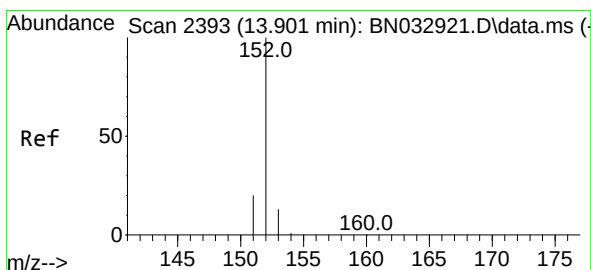
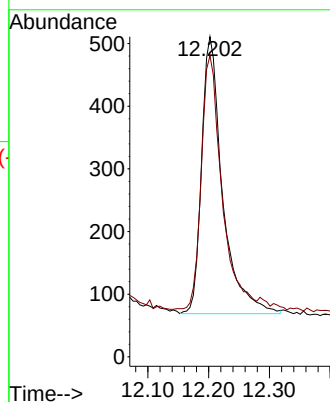
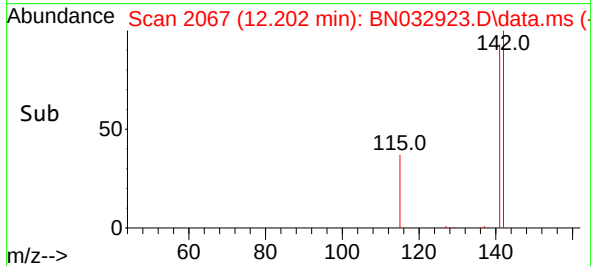
142 100

141 91.8 75.0 112.4

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#10

Acenaphthylene

Concen: 0.097 ng/ul

RT: 13.892 min Scan# 2391

Delta R.T. -0.022 min

Lab File: BN032923.D

Acq: 23 Jul 2024 23:07

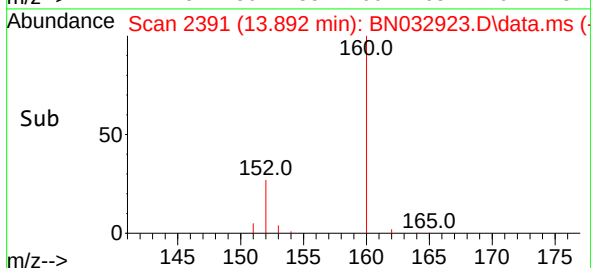
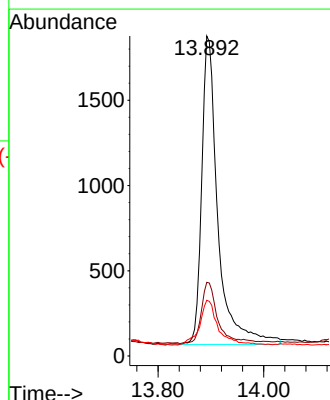
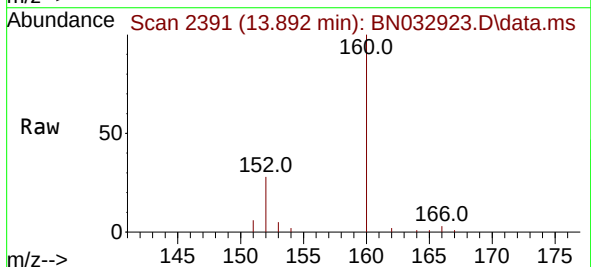
Tgt Ion:152 Resp: 3846

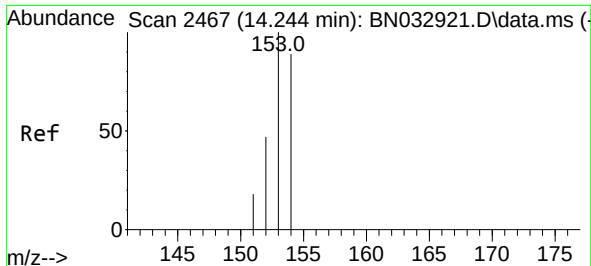
Ion Ratio Lower Upper

152 100

151 23.0 16.3 24.5

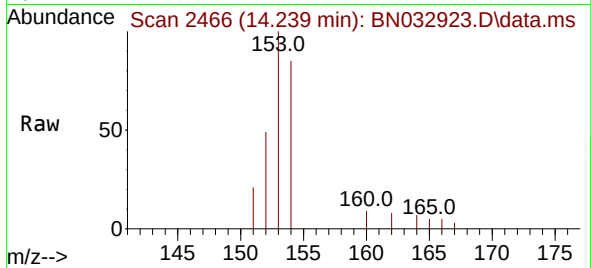
153 17.4 11.3 16.9#





#11
Acenaphthene
Concen: 0.102 ng/u1
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

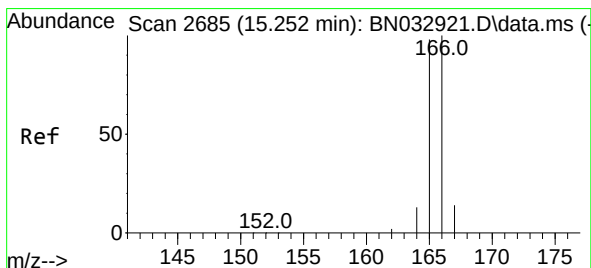
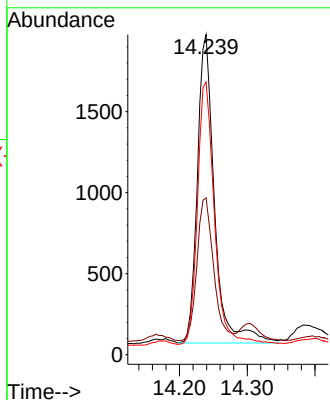
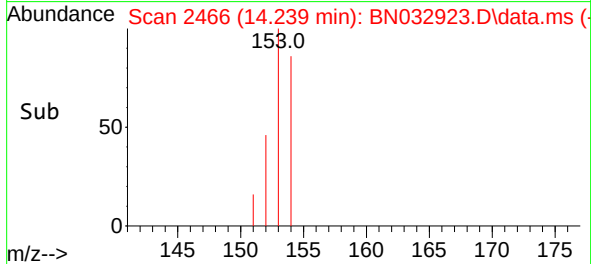
Instrument :
BNA_N
ClientSampleId :
A4BZ5DL



Tgt Ion:153 Resp: 334
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 85.2 70.2 105.4

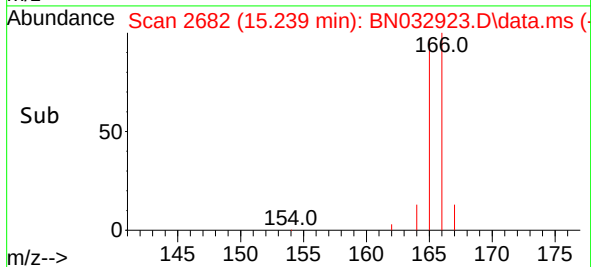
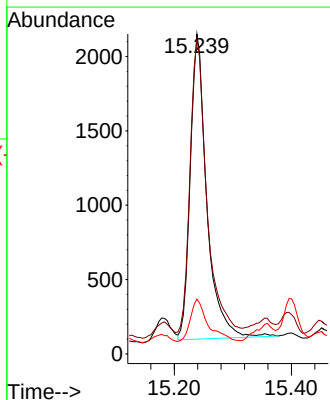
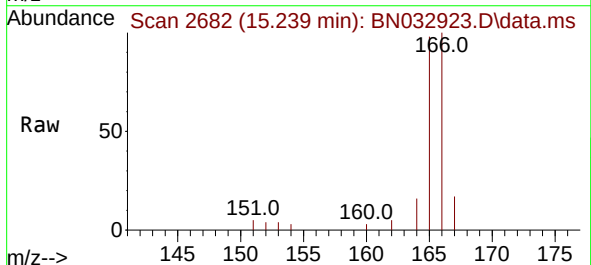
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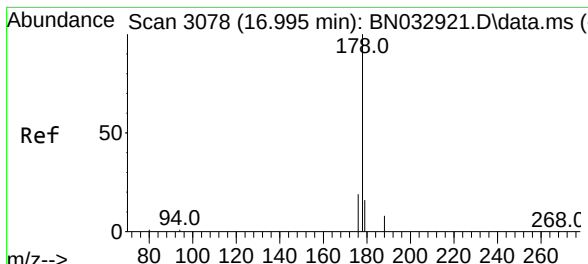
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.107 ng/u1
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

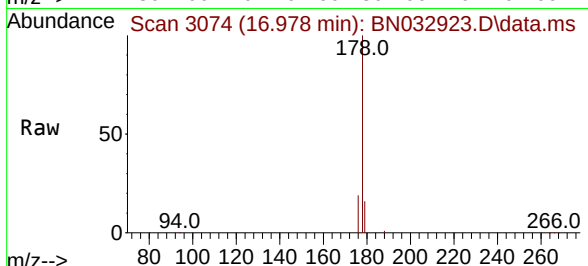
Tgt Ion:166 Resp: 4013
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 17.1 11.4 17.2





#15
Phenanthrene
Concen: 1.820 ng/ul
RT: 16.978 min Scan# 3078
Delta R.T. -0.024 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

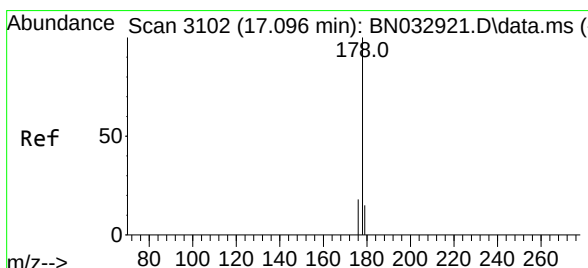
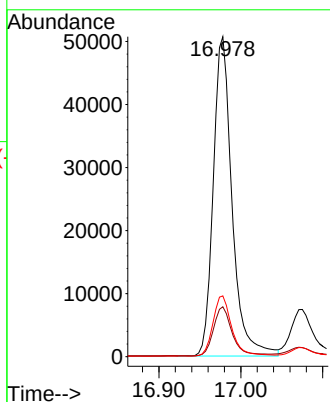
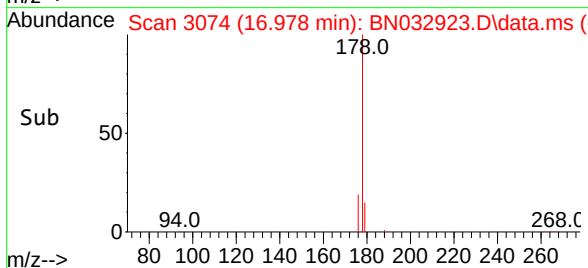
Instrument :
BNA_N
ClientSampleId :
A4BZ5DL



Tgt Ion:178 Resp: 80844
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.0 15.6 23.4

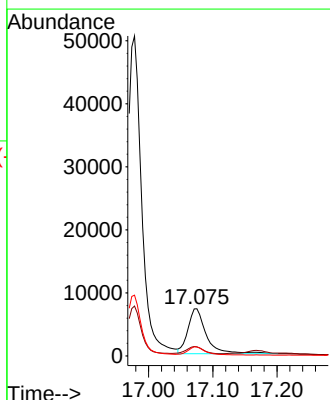
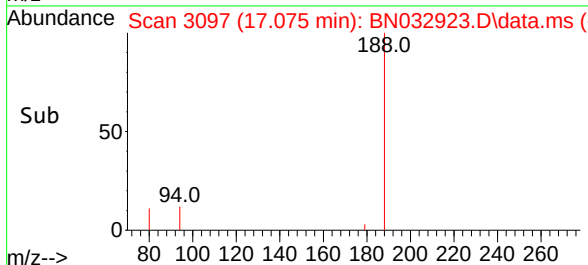
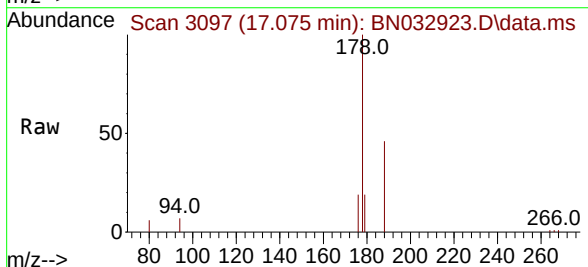
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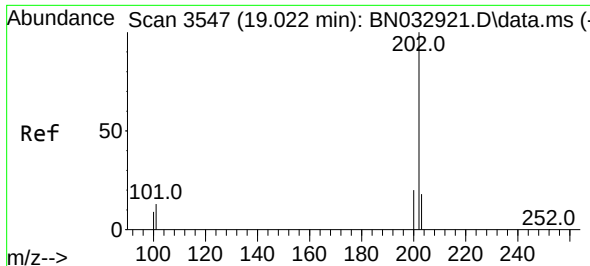
Reviewed By :Jagrut Upadhyay 07/24/2024
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#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.075 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

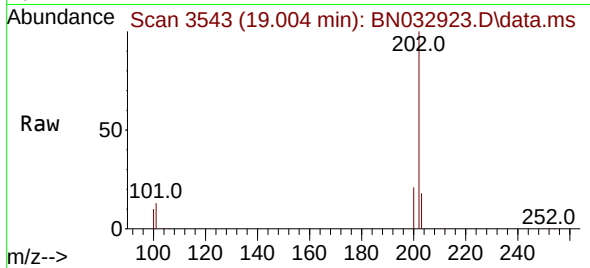
Tgt Ion:178 Resp: 14110
Ion Ratio Lower Upper
178 100
179 19.3 13.4 20.2
176 19.1 15.4 23.0





#19
Fluoranthene
Concen: 3.435 ng/u1
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

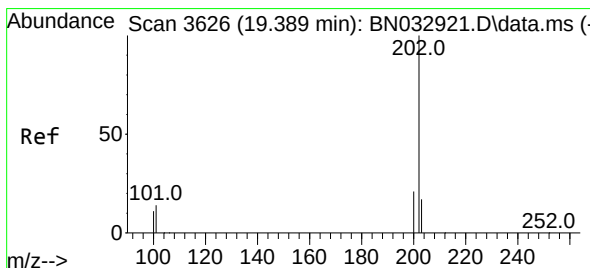
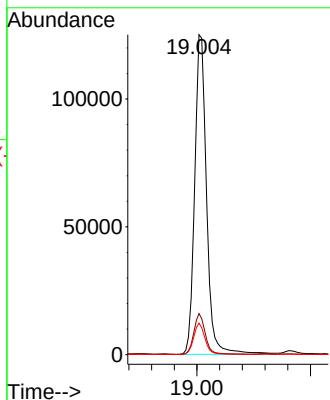
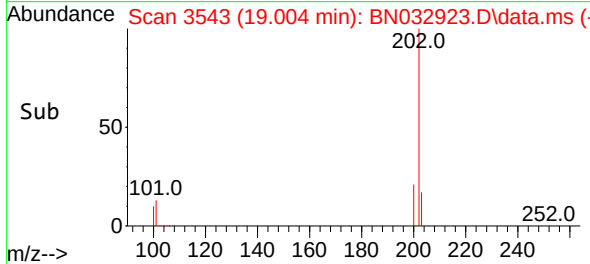
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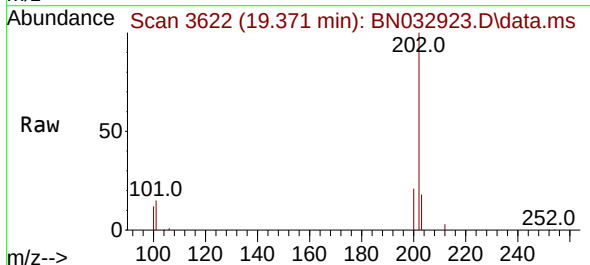
Tgt Ion:202 Resp: 18144
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.8
100 9.8 7.9 11.9

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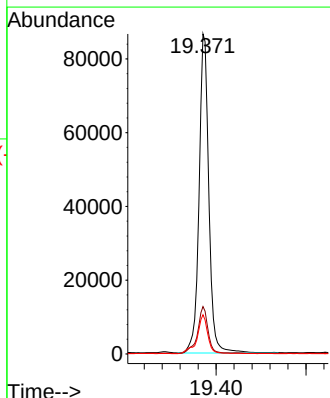
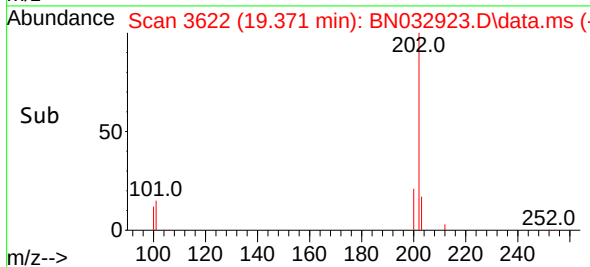
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Supervised By :mohammad ahmed 07/26/2024

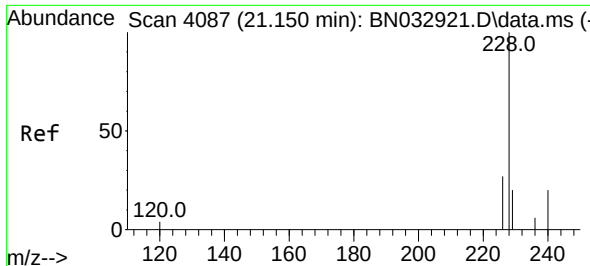


#20
Pyrene
Concen: 2.396 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07



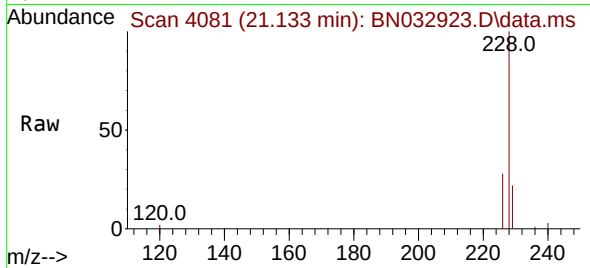
Tgt Ion:202 Resp: 130989
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.695 ng/ul
RT: 21.133 min Scan# 4087
Delta R.T. -0.018 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

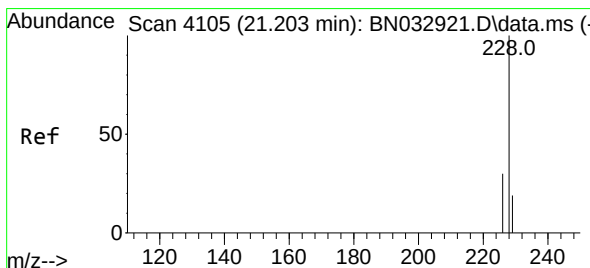
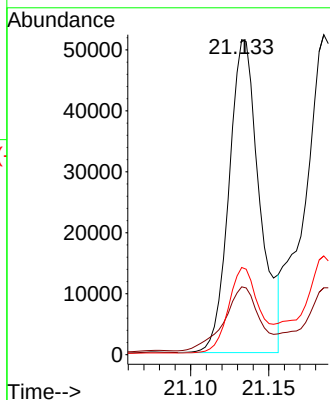
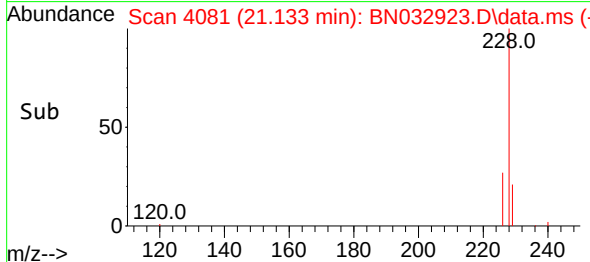
Instrument :
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ClientSampleId :
A4BZ5DL



Tgt Ion:228 Resp: 7008
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 27.7 21.9 32.9

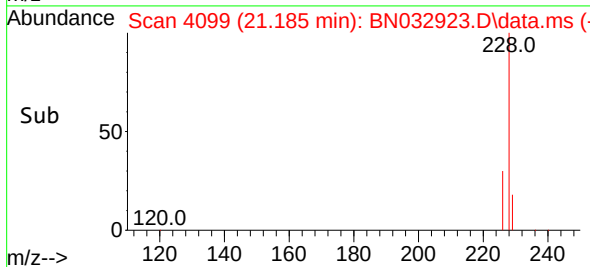
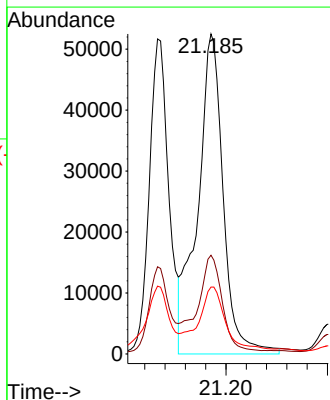
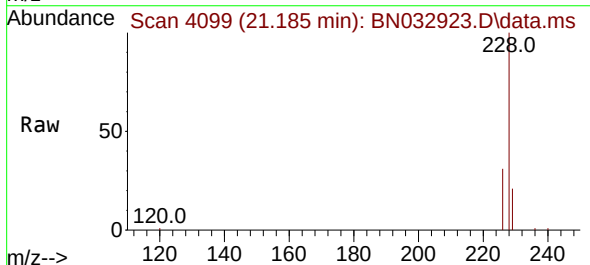
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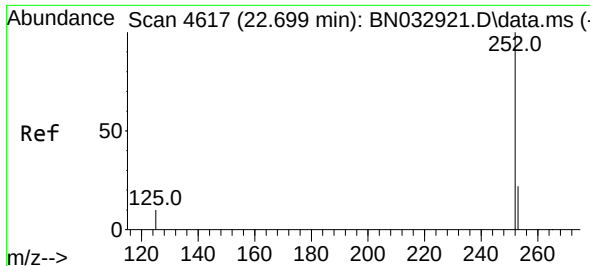
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.540 ng/ul m
RT: 21.185 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

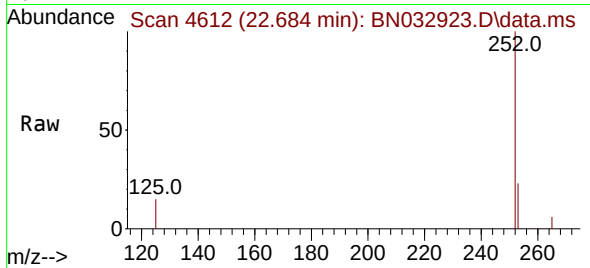
Tgt Ion:228 Resp: 92108
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 20.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.241 ng/ul m
RT: 22.684 min Scan# 4612
Delta R.T. -0.015 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

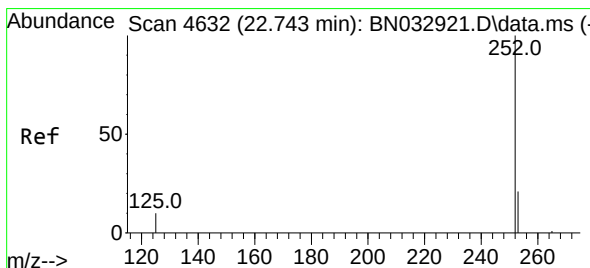
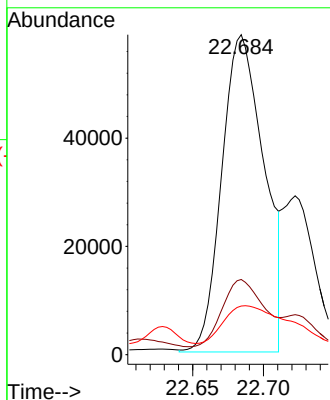
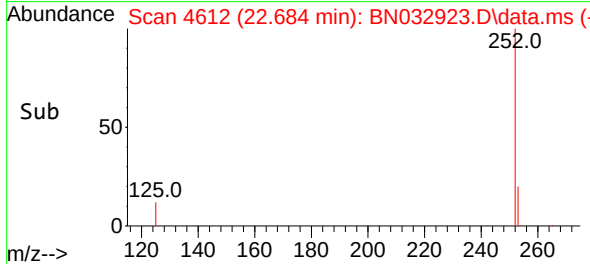
Instrument :
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Tgt Ion:252 Resp: 121624
Ion Ratio Lower Upper
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253 23.5 0.0 54.0
125 15.2 0.0 36.0

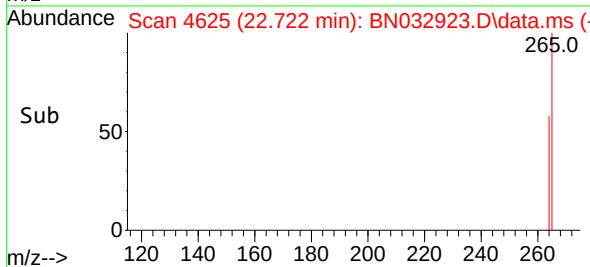
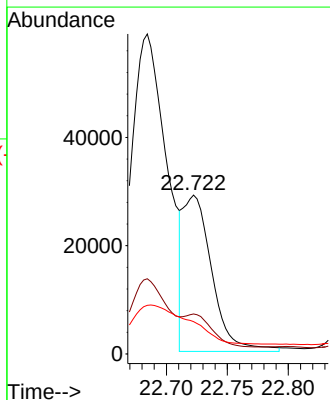
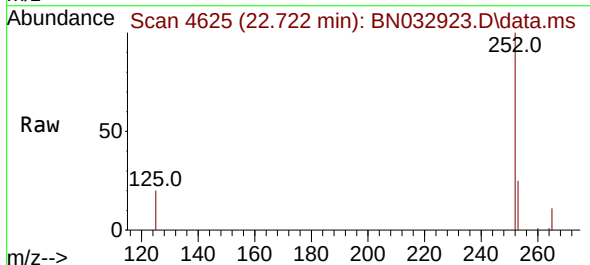
Manual Integrations
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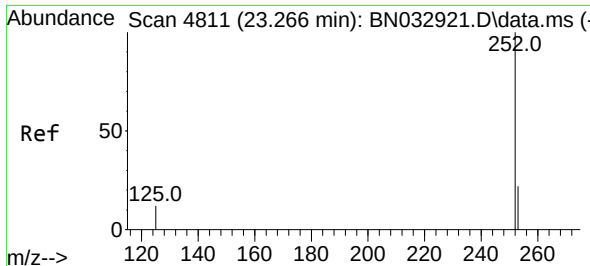
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.720 ng/ul m
RT: 22.722 min Scan# 4625
Delta R.T. -0.018 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

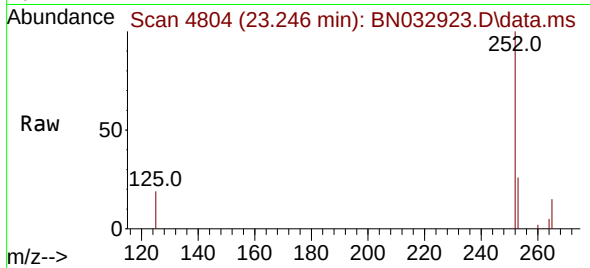
Tgt Ion:252 Resp: 47636
Ion Ratio Lower Upper
252 100
253 25.2 21.2 31.8
125 20.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.008 ng/ul
RT: 23.246 min Scan# 4811
Delta R.T. -0.018 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

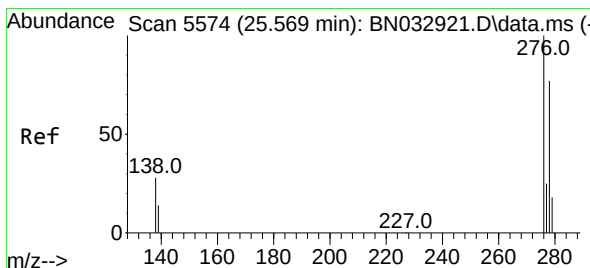
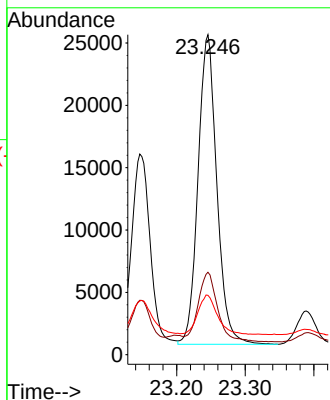
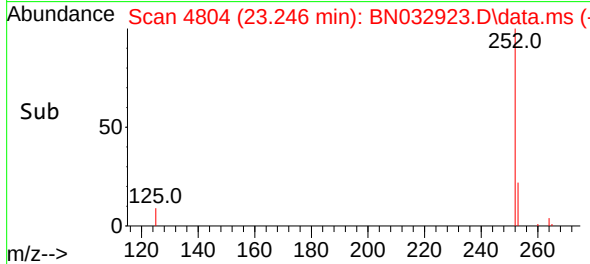
Instrument :
BNA_N
ClientSampleId :
A4BZ5DL



Tgt Ion:252 Resp: 47335
Ion Ratio Lower Upper
252 100
253 25.7 25.4 38.0
125 18.5 20.6 30.8

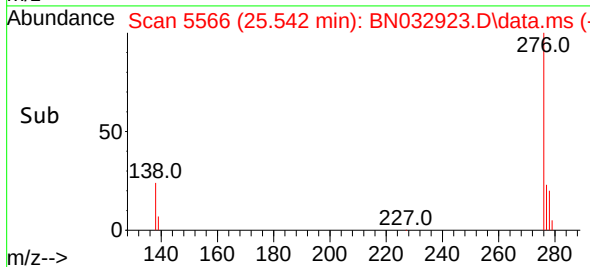
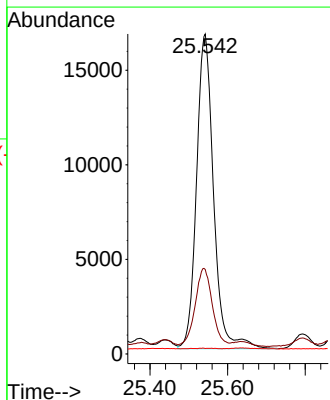
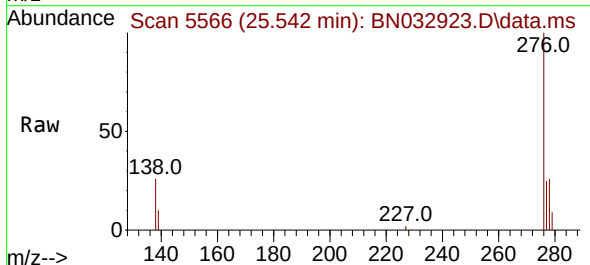
Manual Integrations
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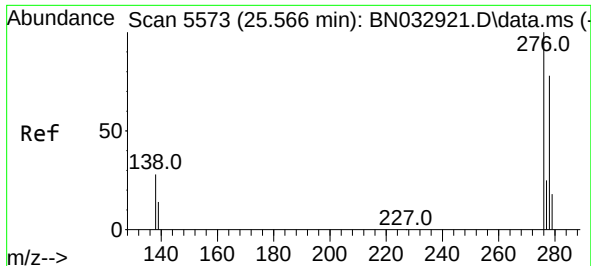
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.795 ng/ul
RT: 25.542 min Scan# 5566
Delta R.T. -0.027 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

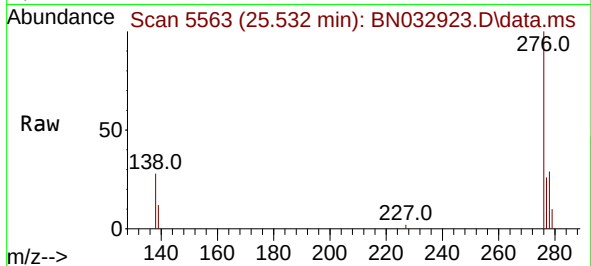
Tgt Ion:276 Resp: 50595
Ion Ratio Lower Upper
276 100
138 26.9 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.287 ng/ul
RT: 25.532 min Scan# 51
Delta R.T. -0.037 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07

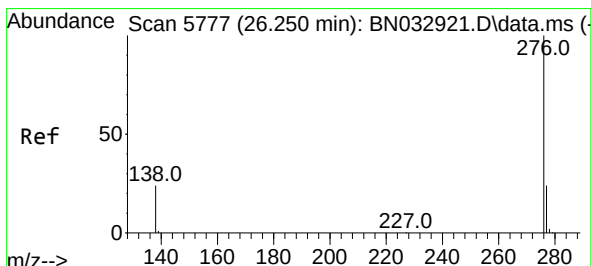
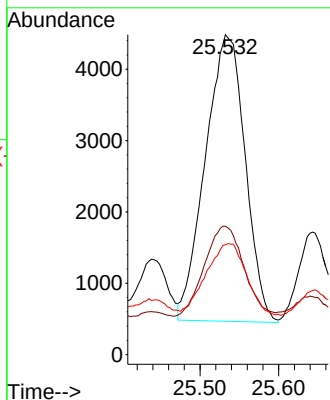
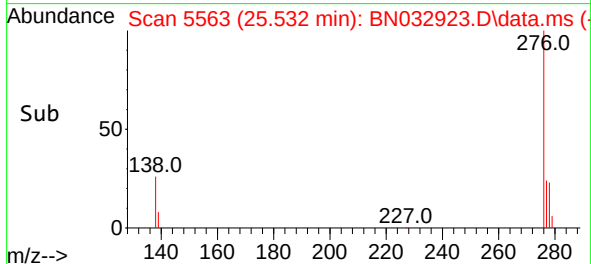
Instrument :
BNA_N
ClientSampleId :
A4BZ5DL



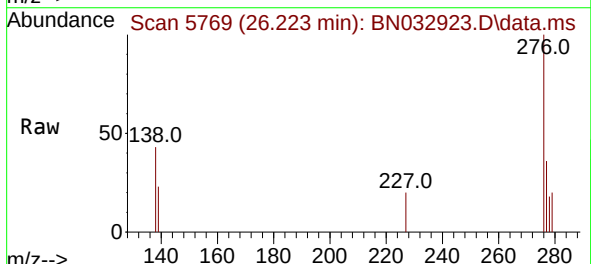
Tgt Ion: 278 Resp: 1414
Ion Ratio Lower Upper
278 100
139 40.2 16.6 24.8
279 34.3 23.7 35.5

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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: 0.140 ng/ul
RT: 26.223 min Scan# 5769
Delta R.T. -0.027 min
Lab File: BN032923.D
Acq: 23 Jul 2024 23:07



Tgt Ion: 276 Resp: 7461
Ion Ratio Lower Upper
276 100
138 42.8 21.0 31.4#
277 36.0 20.6 31.0#

