

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032924.D
 Acq On : 23 Jul 2024 23:44
 Operator : MA/JU
 Sample : P3238-16DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BZ6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:27:18 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	7273	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	24121	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.170	164	13816	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	22570	0.400	ng/ul	-0.03
17) Chrysene-d12	21.147	240	17819	0.400	ng/ul	-0.02
23) Perylene-d12	23.336	264	21340	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	3643	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1031	0.028	ng/ul	-0.02
18) Fluoranthene-d10	18.971	212	1608	0.028	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	5490	0.085	ng/ul	97
7) 2-Methylnaphthalene	11.982	142	2220	0.055	ng/ul	98
8) 1-Methylnaphthalene	12.202	142	1971	0.047	ng/ul	98
10) Acenaphthylene	13.892	152	6114	0.110	ng/ul	97
11) Acenaphthene	14.235	153	9542	0.207	ng/ul	99
12) Fluorene	15.234	166	9948	0.189	ng/ul	99
15) Phenanthrene	16.974	178	184844	3.007	ng/ul	99
16) Anthracene	17.071	178	34595	0.689	ng/ul	98
19) Fluoranthene	19.004	202	333827	4.608	ng/ul	99
20) Pyrene	19.371	202	240811	3.211	ng/ul	99
21) Benzo(a)anthracene	21.130	228	134275	2.367	ng/ul	99
22) Chrysene	21.182	228	152776	1.862	ng/ul	98
24) Benzo(b)fluoranthene	22.681	252	208609m	2.771	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	77862m	0.849	ng/ul	
26) Benzo(a)pyrene	23.240	252	84185	1.292	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.536	276	85106	0.965	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.529	278	24240	0.354	ng/ul#	92
29) Benzo(g,h,i)perylene	26.220	276	12184	0.165	ng/ul#	82

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

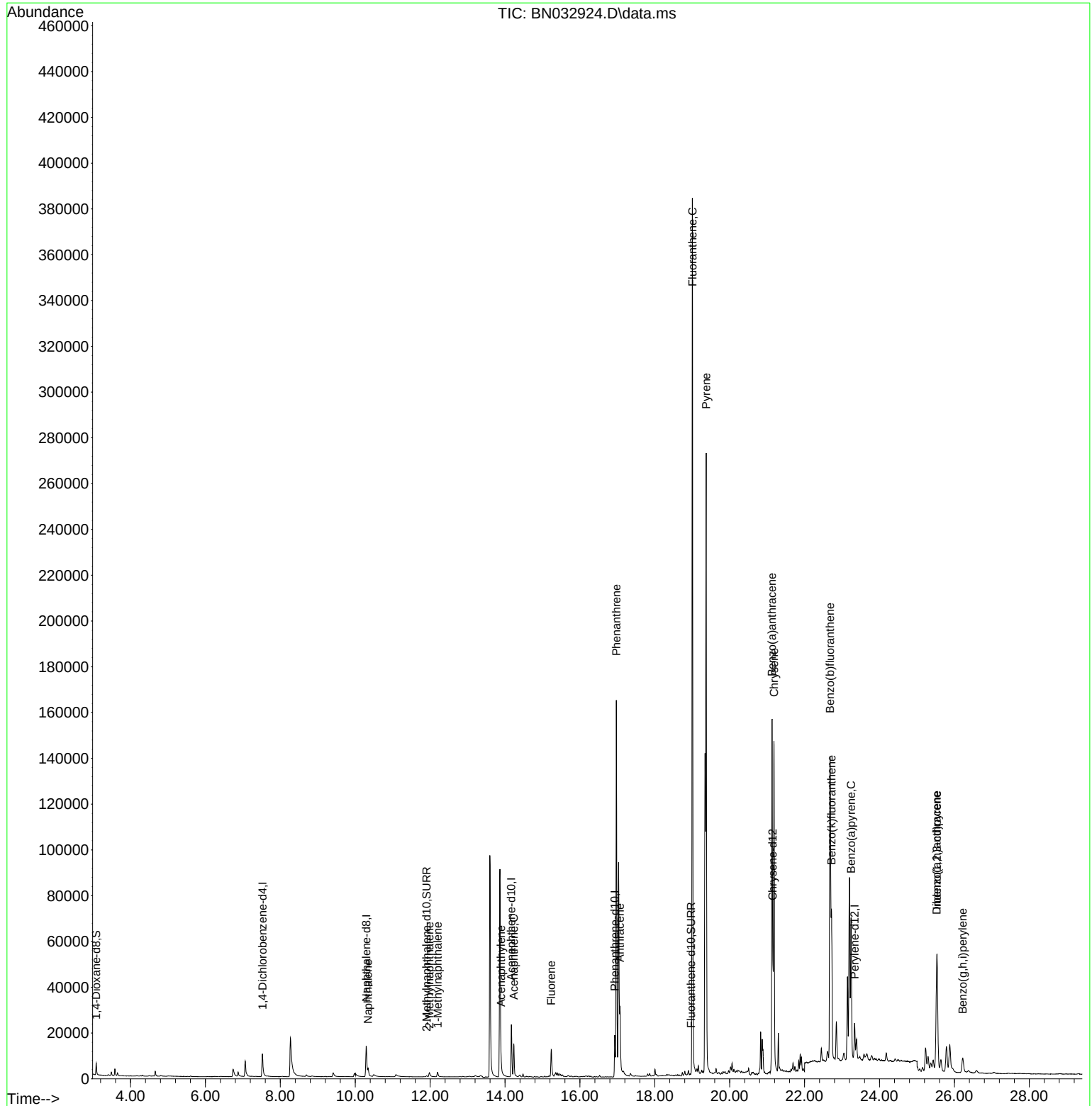
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032924.D
Acq On : 23 Jul 2024 23:44
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ALS Vial : 34 Sample Multiplier: 1

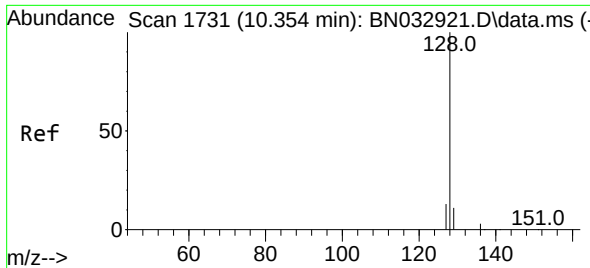
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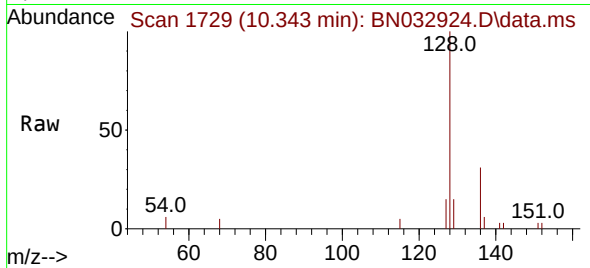
Quant Time: Jul 24 01:27:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

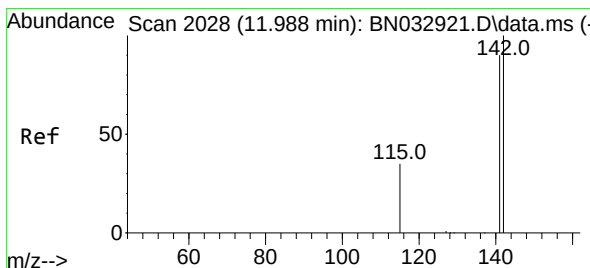
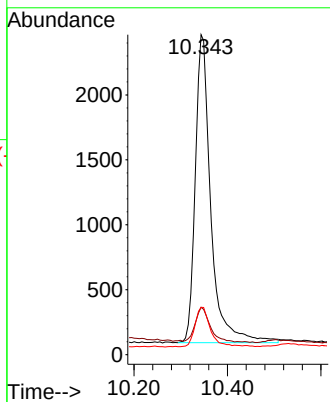
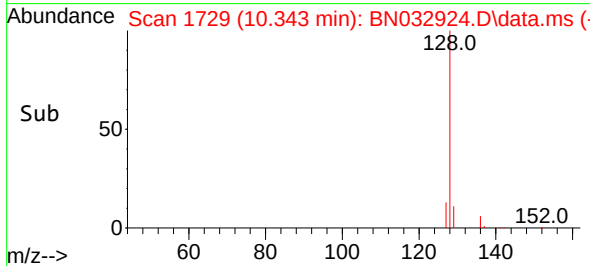
Instrument :
BNA_N
ClientSampleId :
A4BZ6DL



Tgt Ion:128 Resp: 5490
Ion Ratio Lower Upper
128 100
129 14.8 10.0 15.0
127 14.8 11.6 17.4

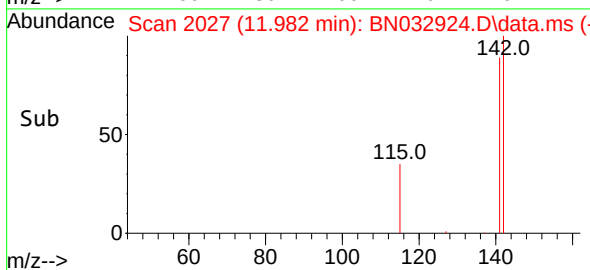
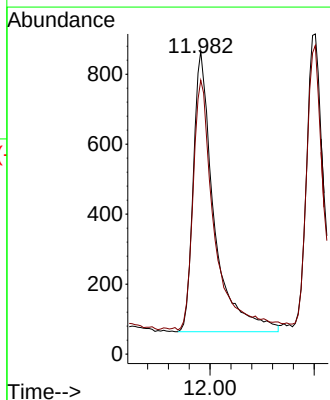
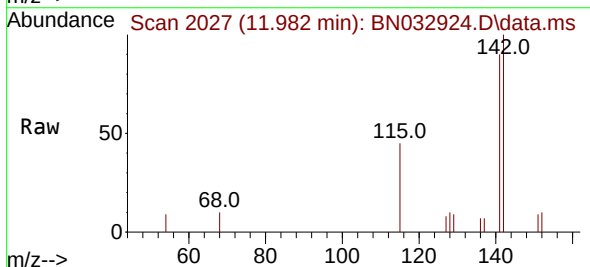
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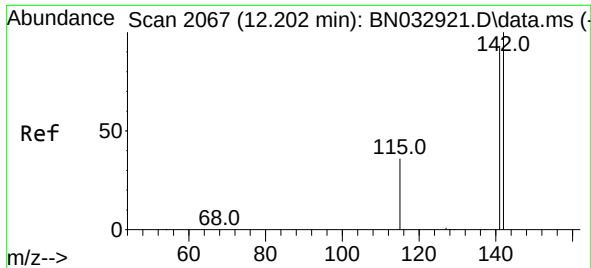
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

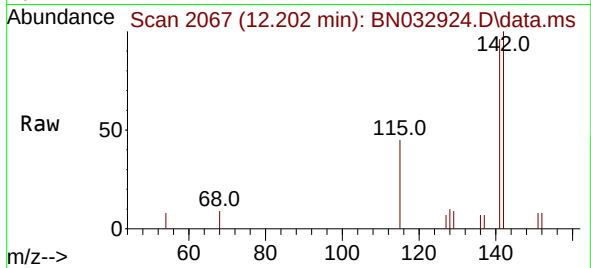
Tgt Ion:142 Resp: 2220
Ion Ratio Lower Upper
142 100
141 91.0 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

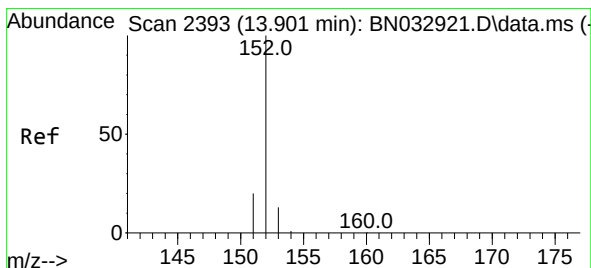
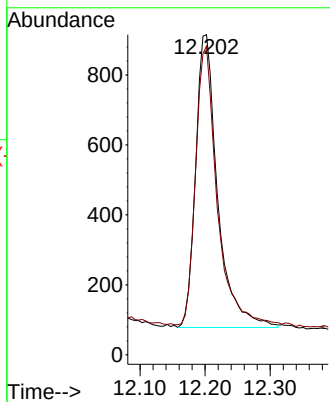
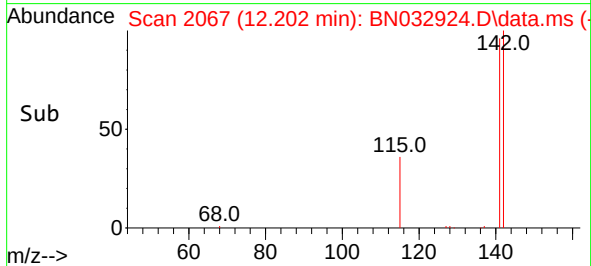
Instrument :
BNA_N
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Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.4

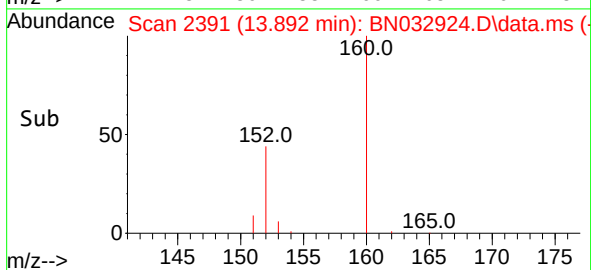
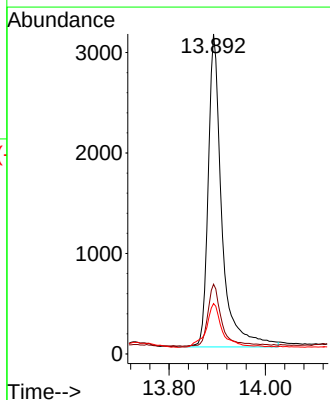
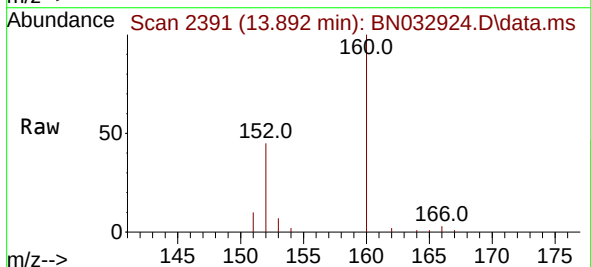
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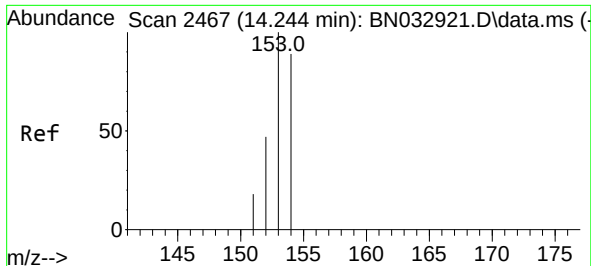
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.110 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

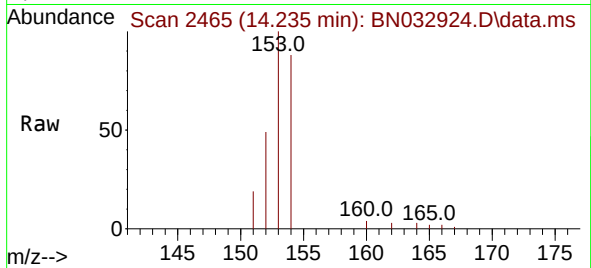
Tgt Ion:152 Resp: 6114
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 15.7 11.3 16.9





#11
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

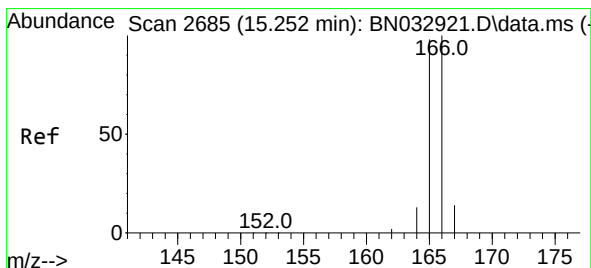
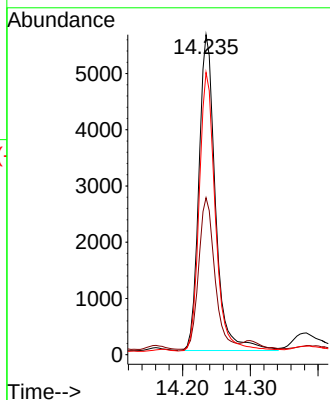
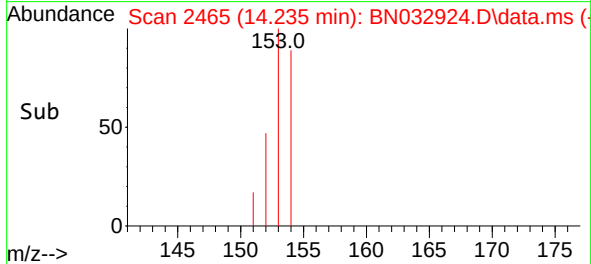
Instrument :
BNA_N
ClientSampleId :
A4BZ6DL



Tgt Ion:153 Resp: 954
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 88.2 70.2 105.4

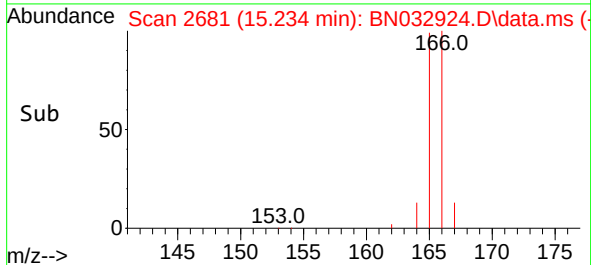
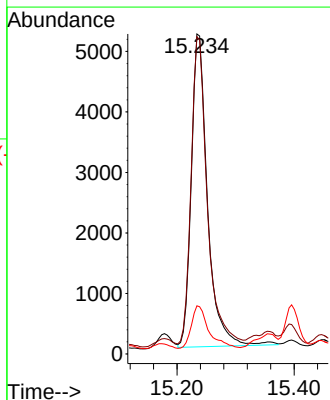
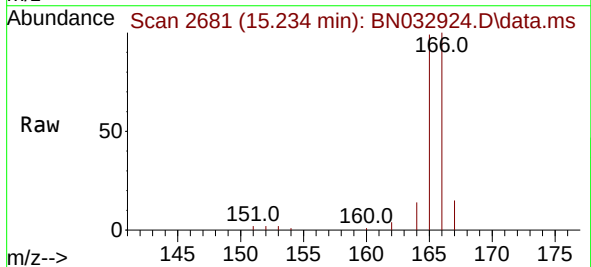
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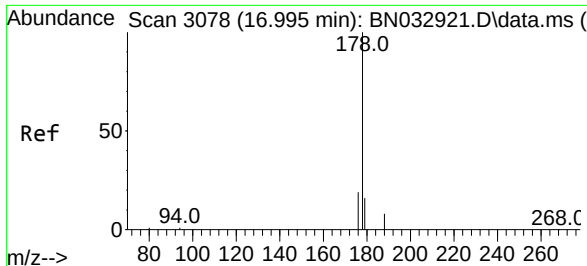
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

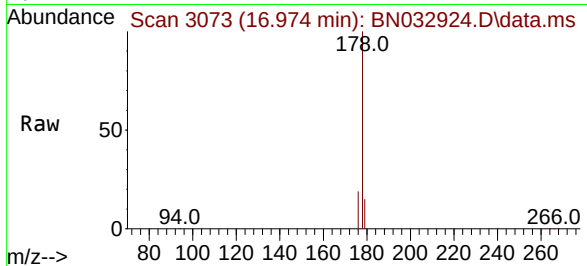
Tgt Ion:166 Resp: 9948
Ion Ratio Lower Upper
166 100
165 99.2 79.7 119.5
167 15.1 11.4 17.2





#15
Phenanthrene
Concen: 3.007 ng/u1
RT: 16.974 min Scan# 3078
Delta R.T. -0.028 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

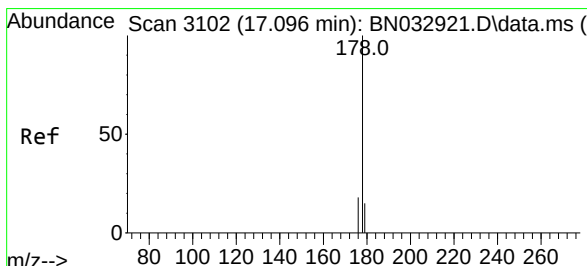
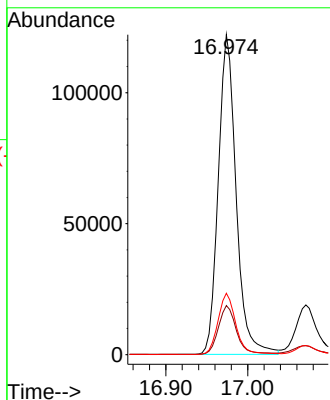
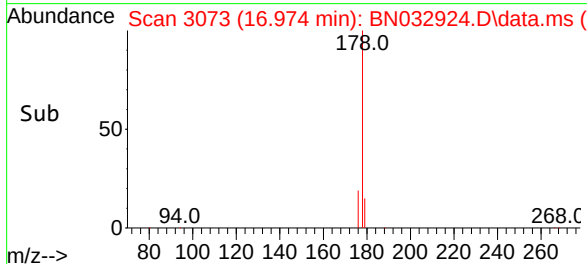
Instrument :
BNA_N
ClientSampleId :
A4BZ6DL



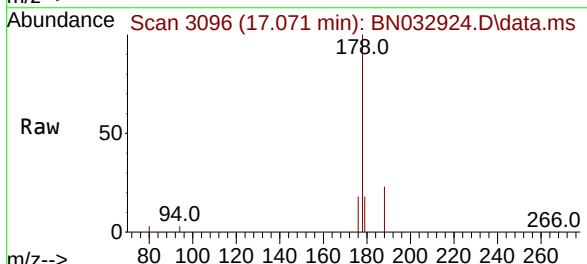
Tgt Ion:178 Resp: 18484
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

Manual Integrations
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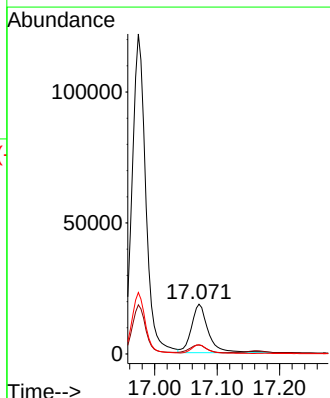
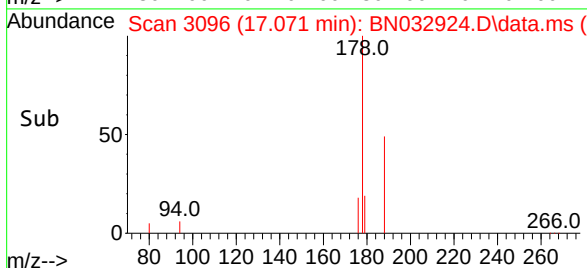
Reviewed By :Jagrut Upadhyay 07/24/2024
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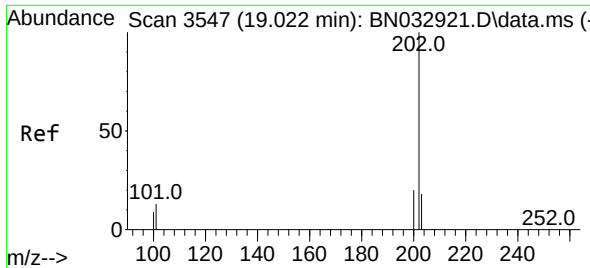


#16
Anthracene
Concen: 0.689 ng/u1
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44



Tgt Ion:178 Resp: 34595
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.2
176 18.4 15.4 23.0





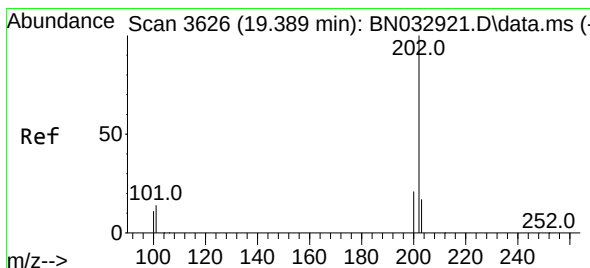
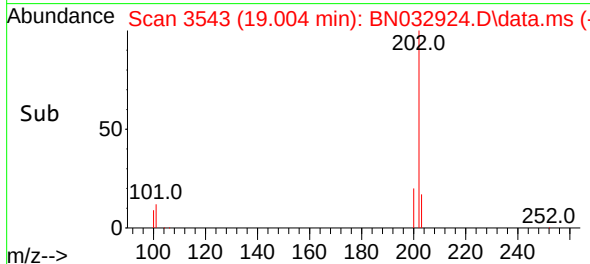
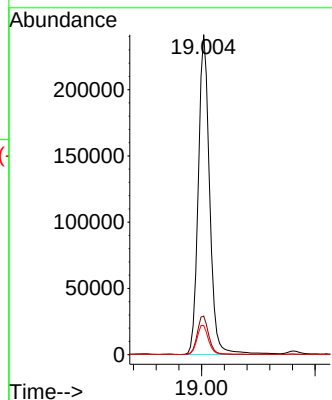
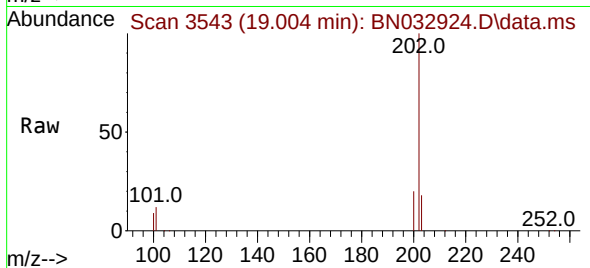
#19
Fluoranthene
Concen: 4.608 ng/u1
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

Instrument :
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ClientSampleId :
A4BZ6DL

Tgt Ion:202 Resp: 33382
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

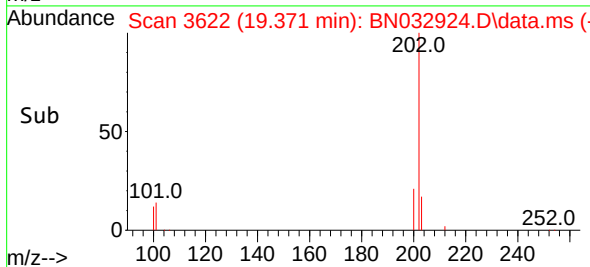
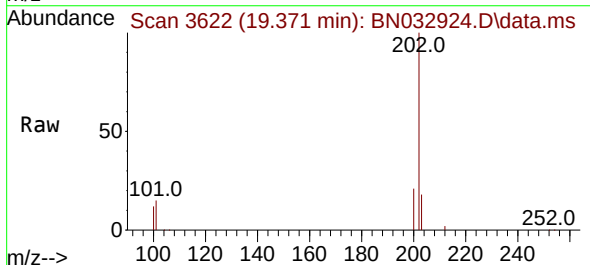
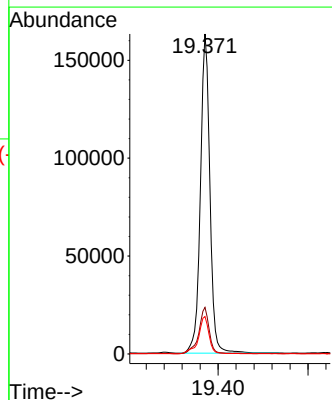
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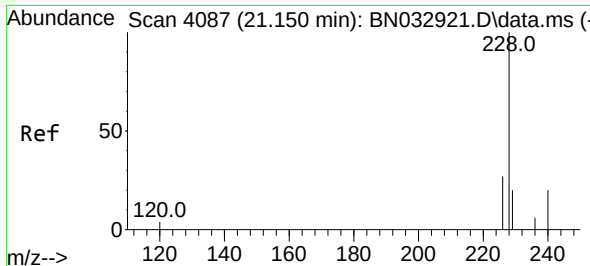
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 3.211 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

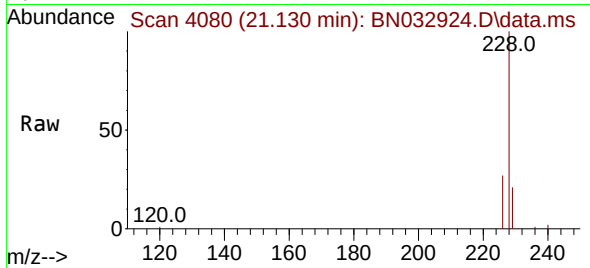
Tgt Ion:202 Resp: 240811
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.367 ng/ul
RT: 21.130 min Scan# 4087
Delta R.T. -0.021 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

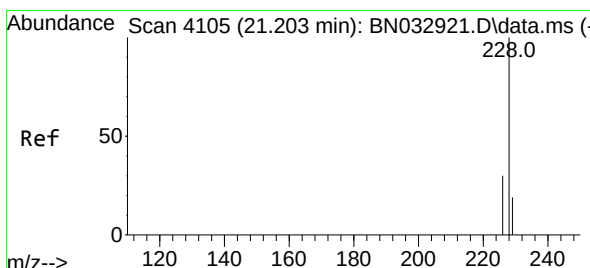
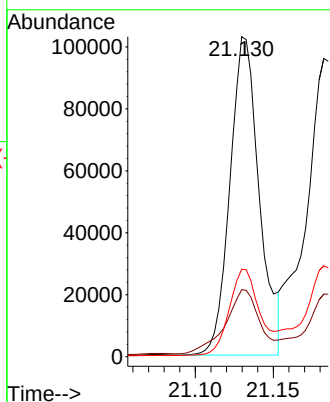
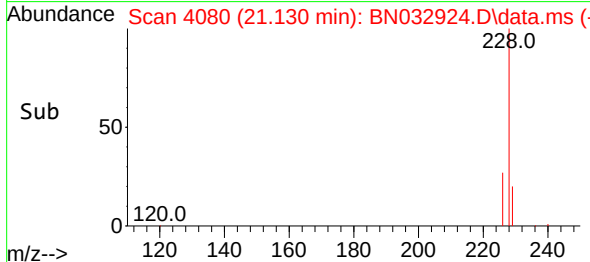
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Tgt Ion:228 Resp: 134276
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.4 21.9 32.9

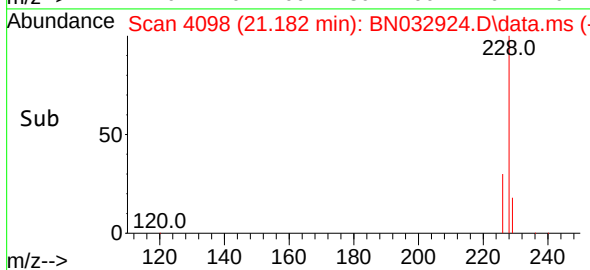
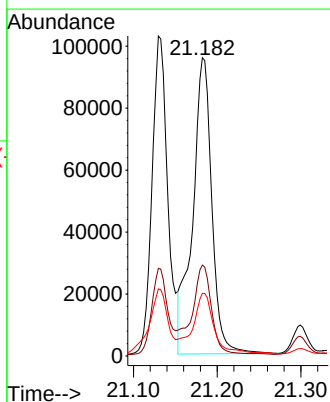
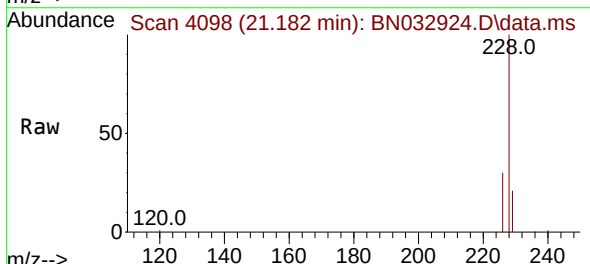
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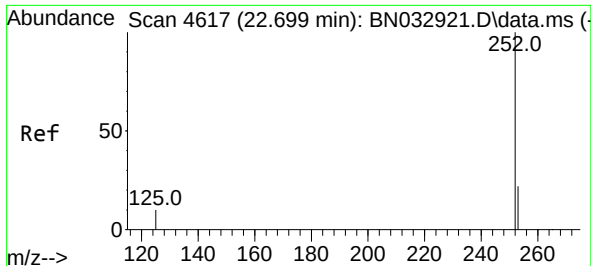
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.862 ng/ul
RT: 21.182 min Scan# 4098
Delta R.T. -0.021 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

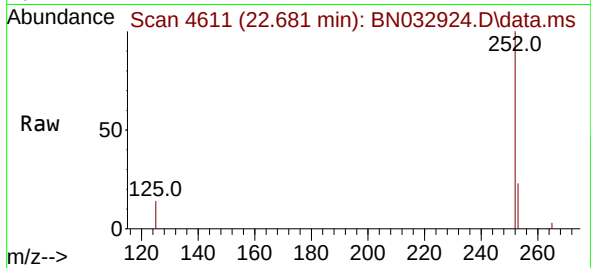
Tgt Ion:228 Resp: 152776
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.771 ng/ul m
RT: 22.681 min Scan# 4611
Delta R.T. -0.018 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

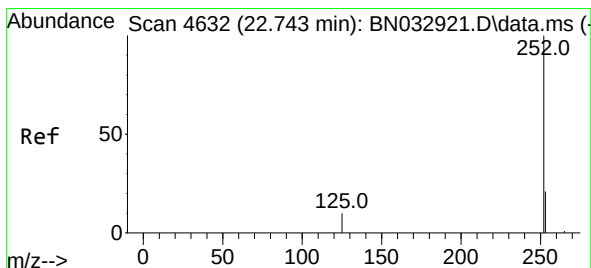
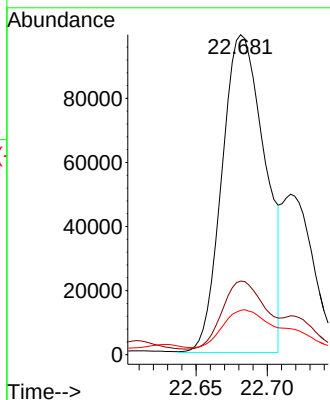
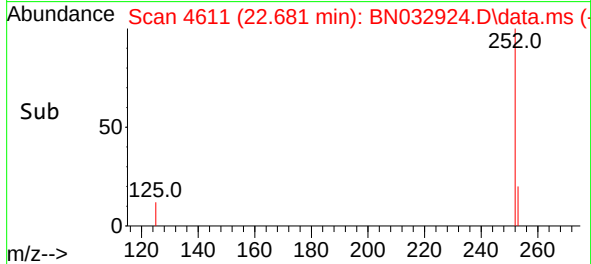
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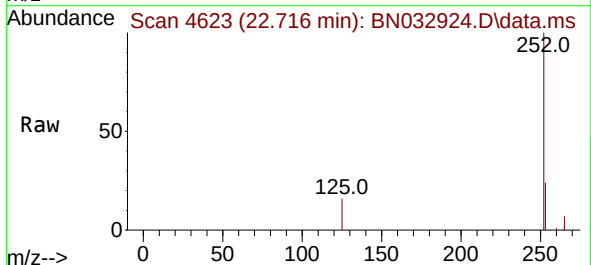
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Ion Ratio Lower Upper
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253 23.0 0.0 54.0
125 13.9 0.0 36.0

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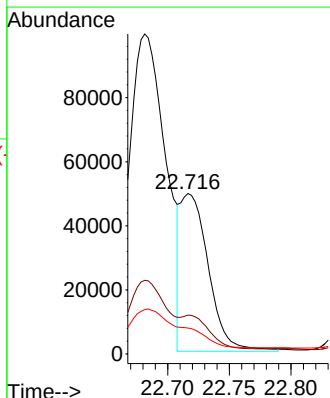
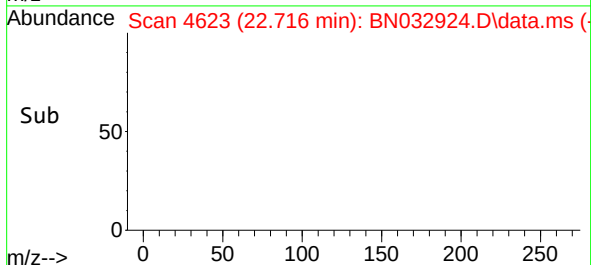
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

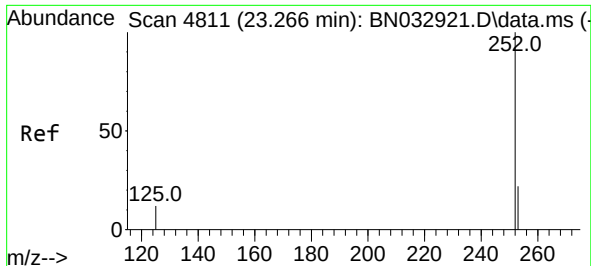


#25
Benzo(k)fluoranthene
Concen: 0.849 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. -0.024 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44



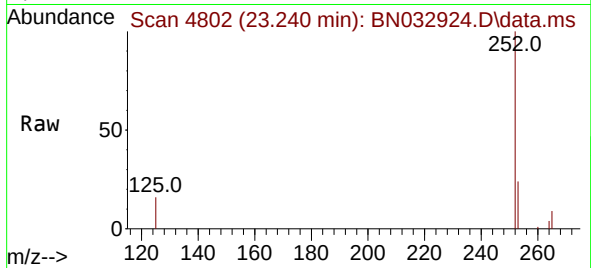
Tgt Ion:252 Resp: 77862
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 16.2 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.292 ng/ul
RT: 23.240 min Scan# 4811
Delta R.T. -0.024 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

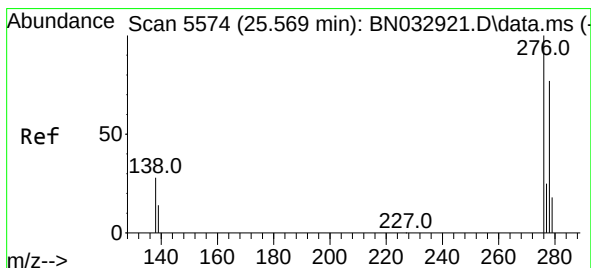
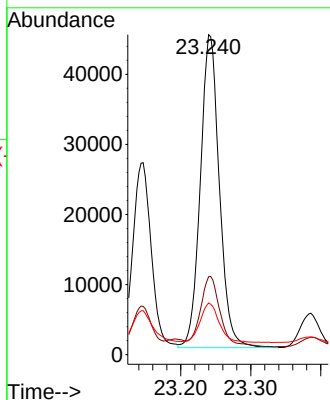
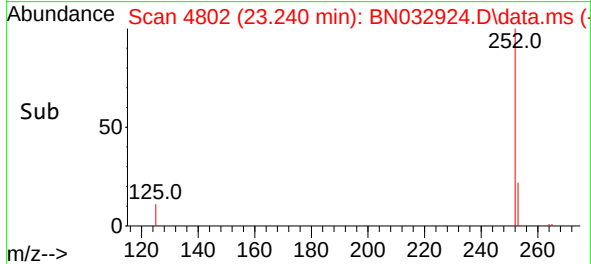
Instrument :
BNA_N
ClientSampleId :
A4BZ6DL



Tgt Ion:252 Resp: 8418
Ion Ratio Lower Upper
252 100
253 24.4 25.4 38.0
125 16.2 20.6 30.8

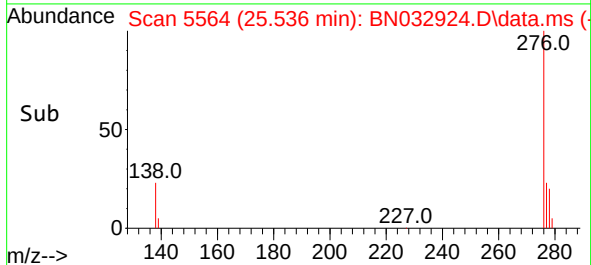
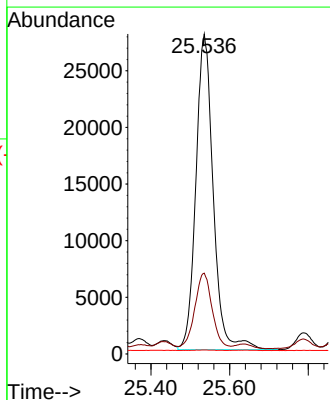
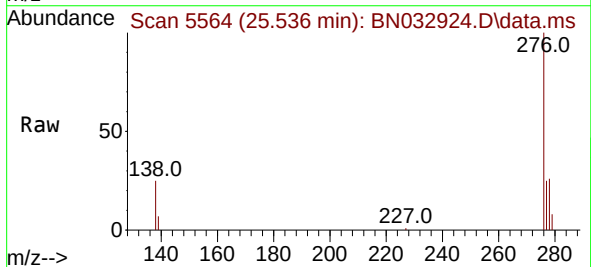
Manual Integrations
APPROVED

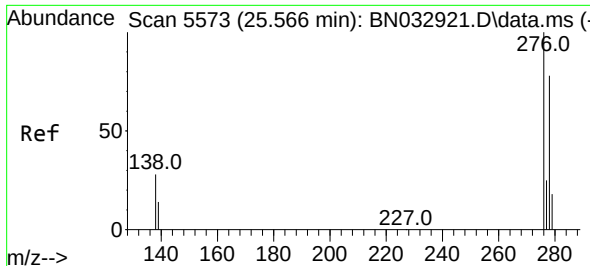
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.965 ng/ul
RT: 25.536 min Scan# 5564
Delta R.T. -0.034 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

Tgt Ion:276 Resp: 85106
Ion Ratio Lower Upper
276 100
138 23.1 21.6 32.4
227 0.1 0.0 0.0





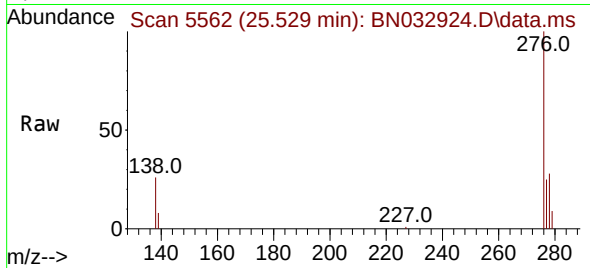
#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.529 min Scan# 51
Delta R.T. -0.040 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44

Instrument :

BNA_N

ClientSampleId :

A4BZ6DL

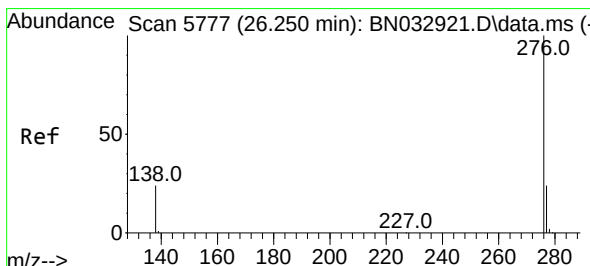
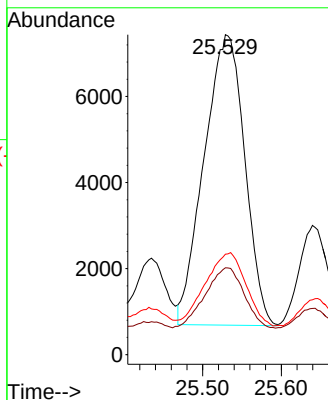
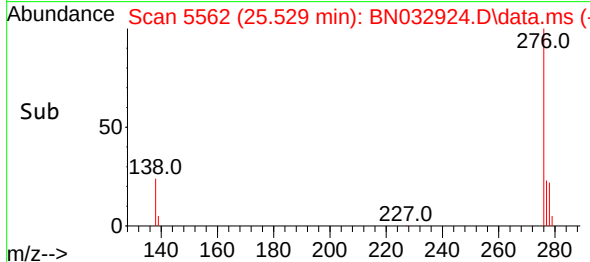


Tgt Ion:278 Resp: 24240
Ion Ratio Lower Upper
278 100
139 27.2 16.6 24.8#
279 31.4 23.7 35.5#

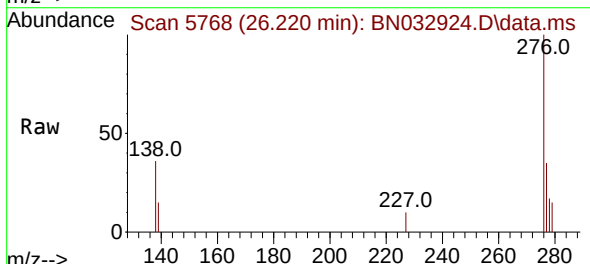
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.165 ng/ul
RT: 26.220 min Scan# 5768
Delta R.T. -0.030 min
Lab File: BN032924.D
Acq: 23 Jul 2024 23:44



Tgt Ion:276 Resp: 12184
Ion Ratio Lower Upper
276 100
138 35.8 21.0 31.4#
277 35.0 20.6 31.0#

