

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032914.D
 Acq On : 23 Jul 2024 17:07
 Operator : MA/JU
 Sample : P3178-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 18:00:52 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	5055	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	17012	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.175	164	9552	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	15713	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	12078	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	14724	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	2888	0.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	965	0.038	ng/ul	-0.02
18) Fluoranthene-d10	18.976	212	1587	0.040	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	8178	0.179	ng/ul	100
7) 2-Methylnaphthalene	11.982	142	3077	0.108	ng/ul	96
8) 1-Methylnaphthalene	12.197	142	2488	0.084	ng/ul	99
10) Acenaphthylene	13.897	152	6369	0.165	ng/ul	97
11) Acenaphthene	14.235	153	9240	0.290	ng/ul	99
12) Fluorene	15.239	166	9453	0.259	ng/ul	99
15) Phenanthrene	16.978	178	127162	2.972	ng/ul	98
16) Anthracene	17.071	178	26551	0.759	ng/ul	97
19) Fluoranthene	19.008	202	172379	3.510	ng/ul	99
20) Pyrene	19.375	202	95121	1.871	ng/ul	100
21) Benzo(a)anthracene	21.139	228	73235	1.905	ng/ul	98
22) Chrysene	21.191	228	71221	1.281	ng/ul	98
24) Benzo(b)fluoranthene	22.690	252	106589m	2.052	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	34975m	0.552	ng/ul	
26) Benzo(a)pyrene	23.249	252	26462	0.589	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.549	276	30280	0.497	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.542	278	12363	0.262	ng/ul#	83
29) Benzo(g,h,i)perylene	26.233	276	3826	0.075	ng/ul#	58

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

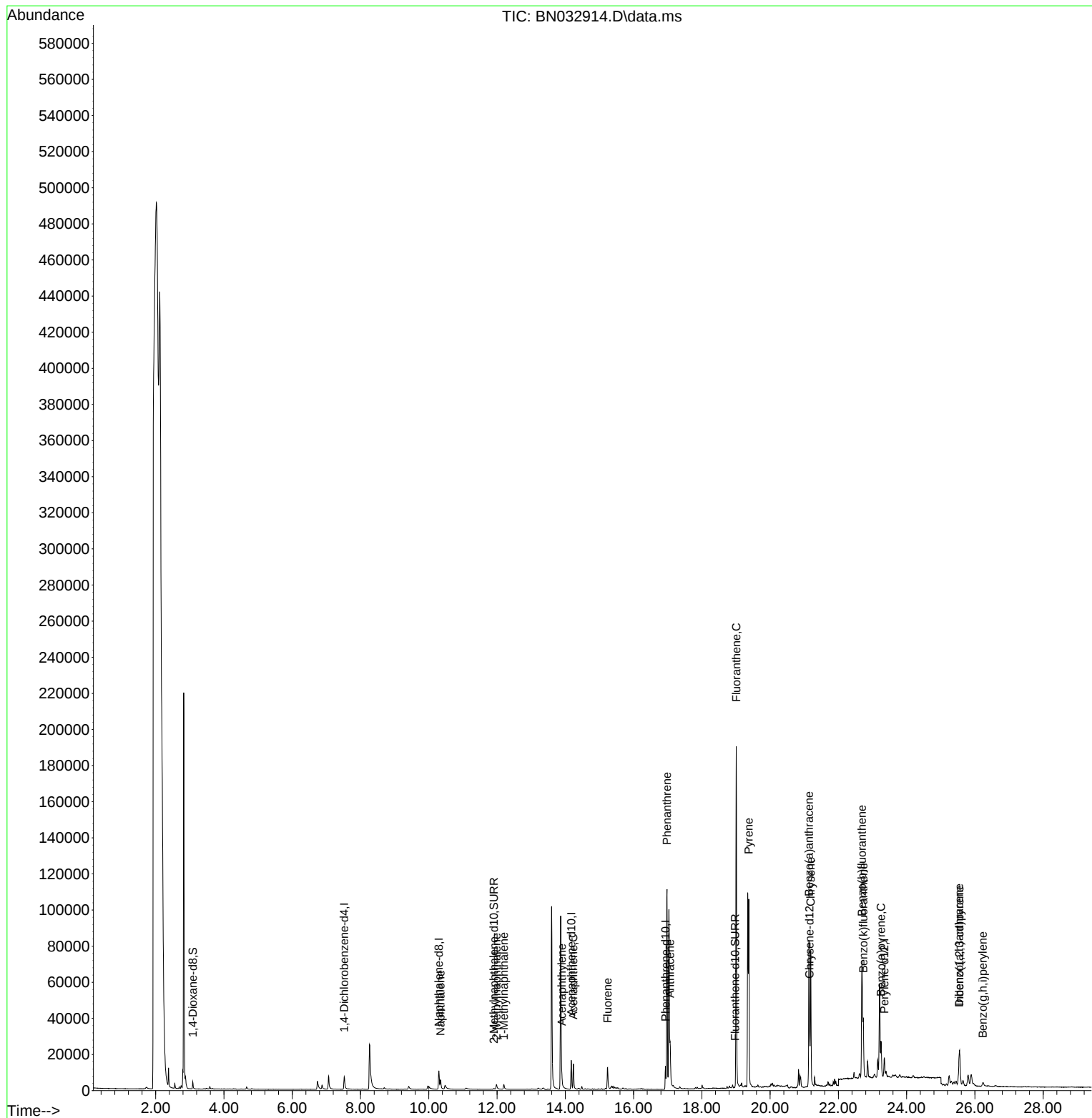
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032914.D
Acq On : 23 Jul 2024 17:07
Operator : MA/JU
Sample : P3178-01DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

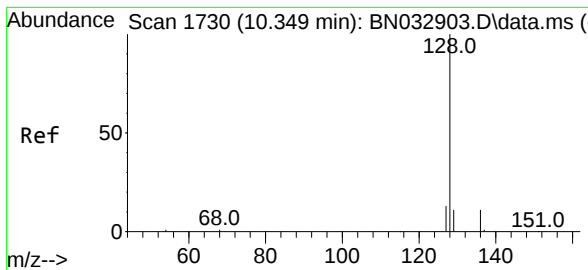
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 07/26/2024

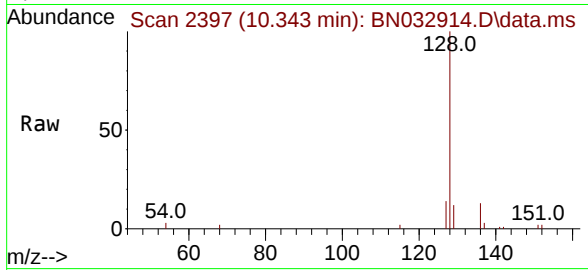
Quant Time: Jul 23 18:00:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.179 ng/ul
RT: 10.343 min Scan# 2178
Delta R.T. -0.020 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

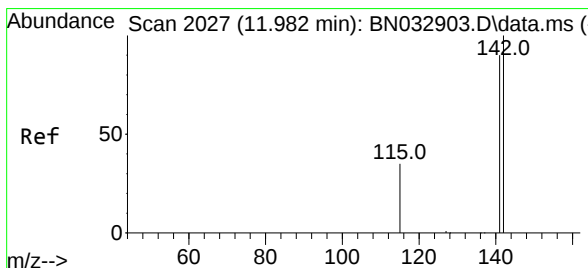
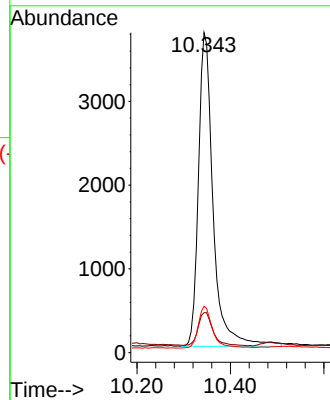
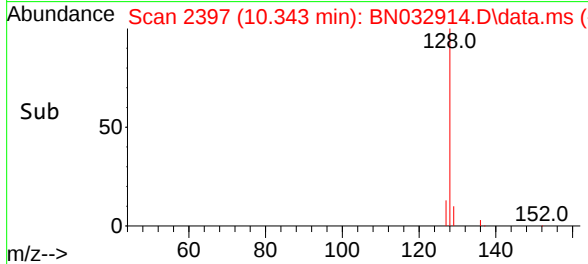
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



Tgt Ion:128 Resp: 8178
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 14.5 11.6 17.4

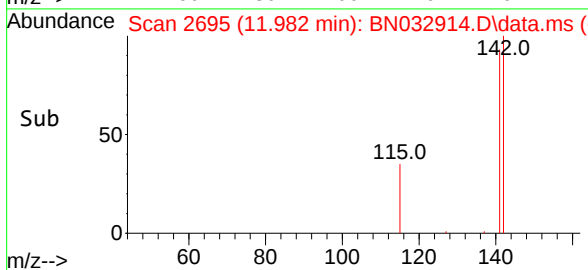
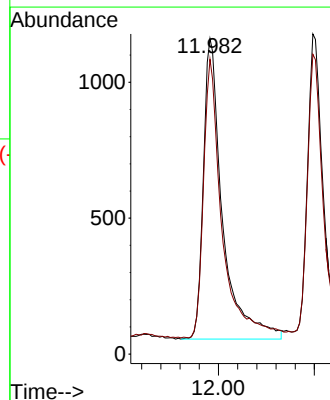
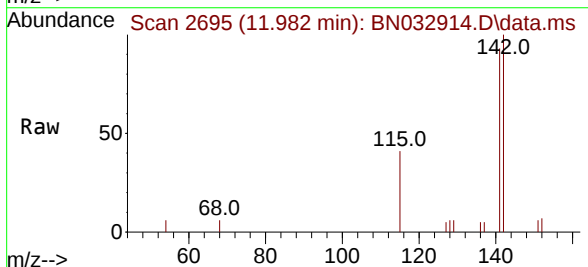
Manual Integrations
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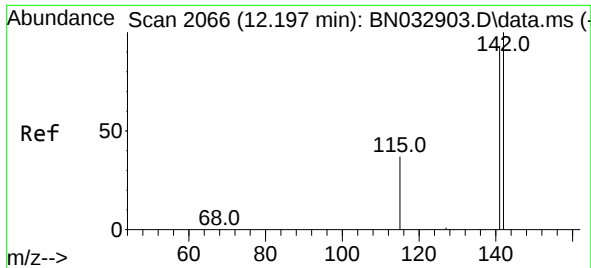
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 11.982 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

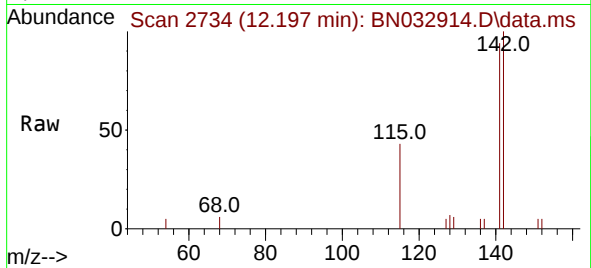
Tgt Ion:142 Resp: 3077
Ion Ratio Lower Upper
142 100
141 88.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.197 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

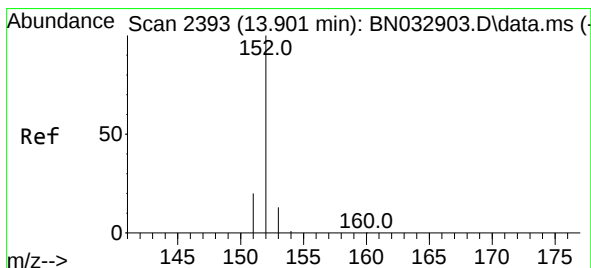
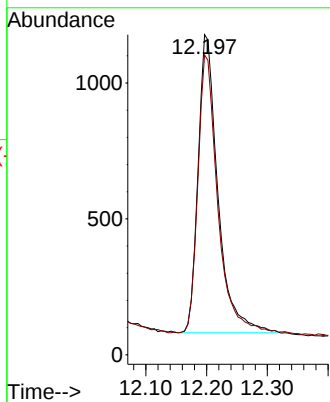
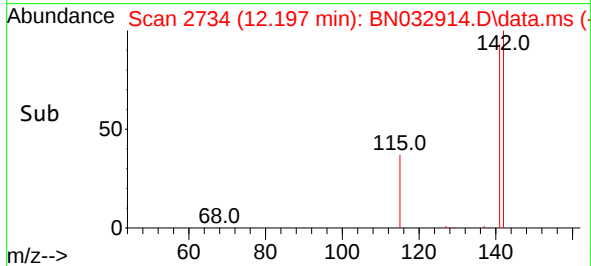
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
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141 93.0 75.0 112.4

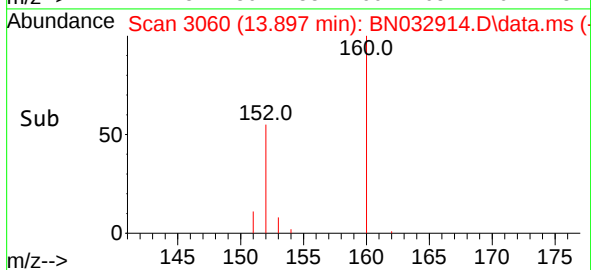
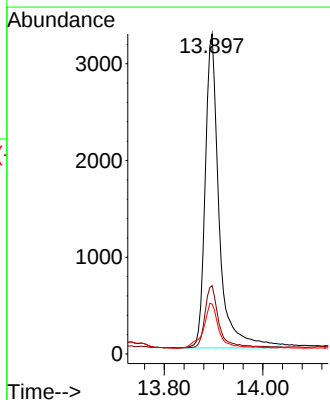
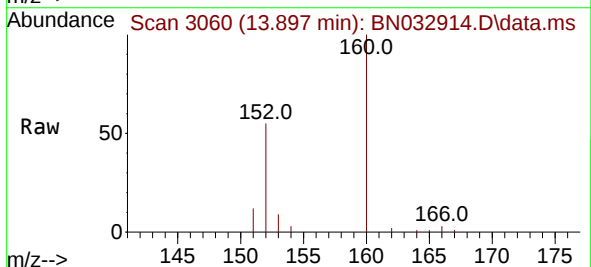
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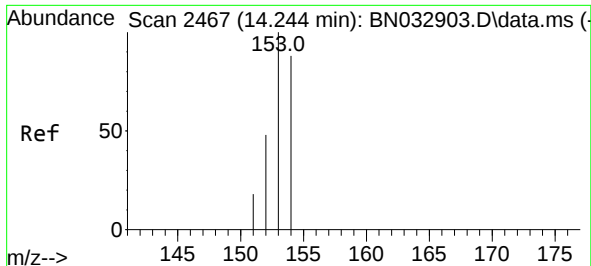
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.165 ng/ul
RT: 13.897 min Scan# 3060
Delta R.T. -0.017 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

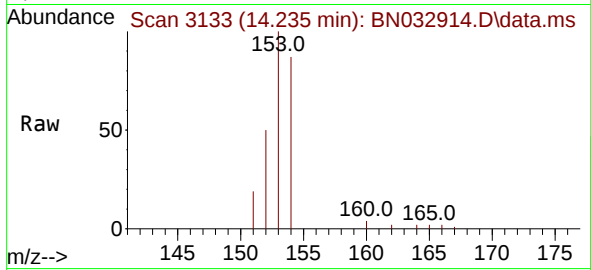
Tgt Ion:152 Resp: 6369
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 15.6 11.3 16.9





#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.235 min Scan# 3133
Delta R.T. -0.017 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

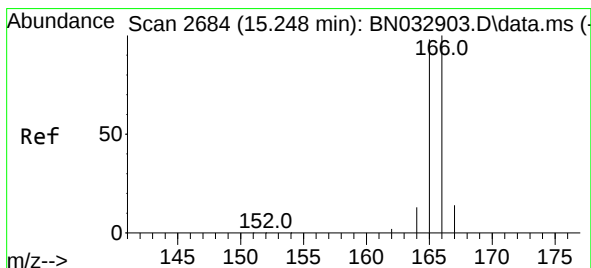
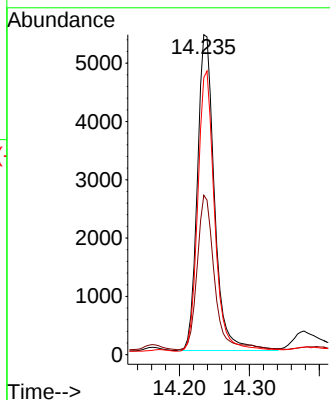
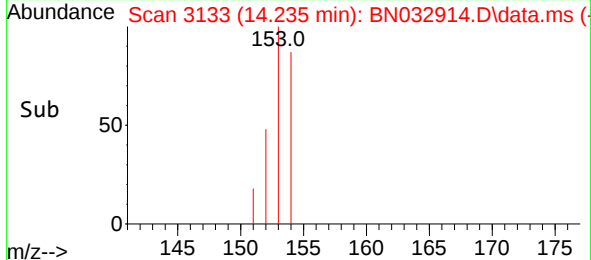
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



Tgt Ion:153 Resp: 9240
Ion Ratio Lower Upper
153 100
152 49.8 40.0 60.0
154 86.6 70.2 105.4

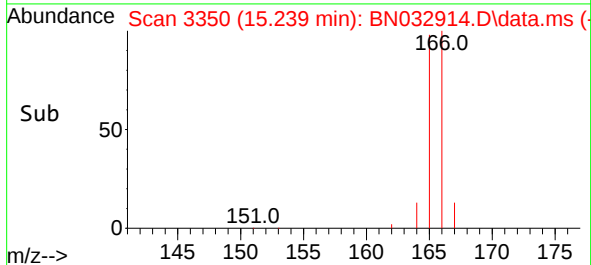
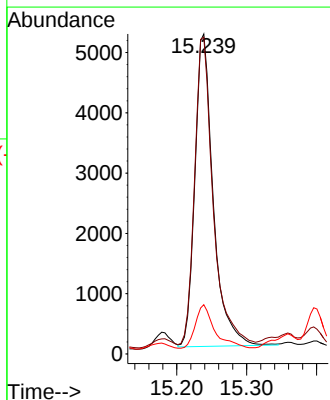
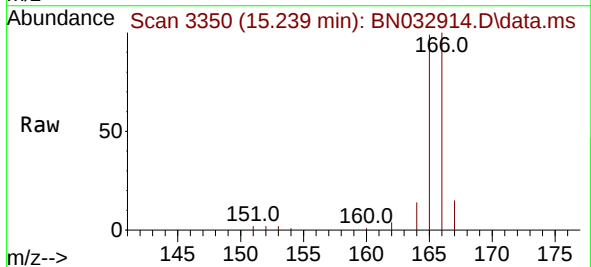
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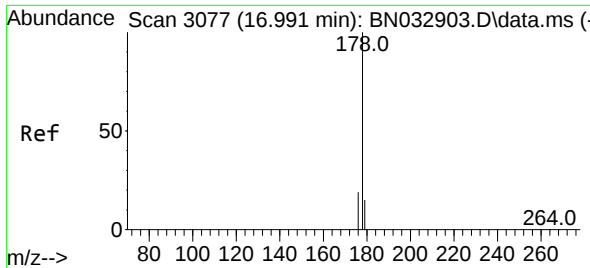
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.259 ng/ul
RT: 15.239 min Scan# 3350
Delta R.T. -0.021 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

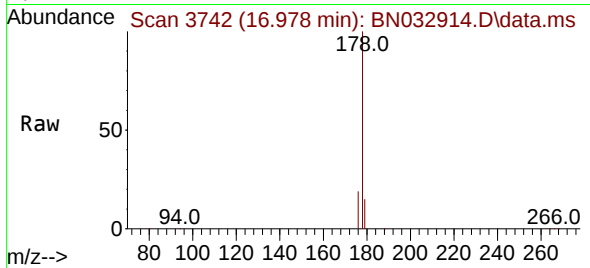
Tgt Ion:166 Resp: 9453
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 15.4 11.4 17.2





#15
Phenanthrene
Concen: 2.972 ng/u1
RT: 16.978 min Scan# 3111
Delta R.T. -0.024 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

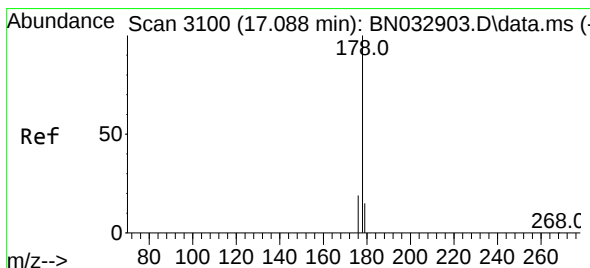
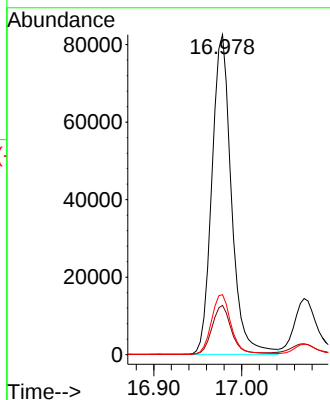
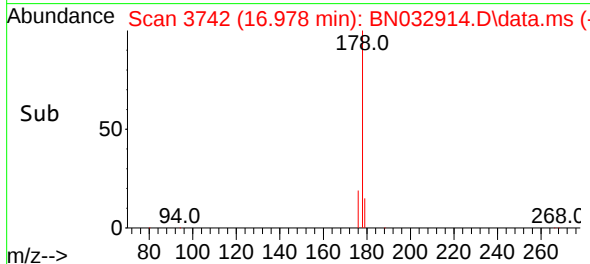
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



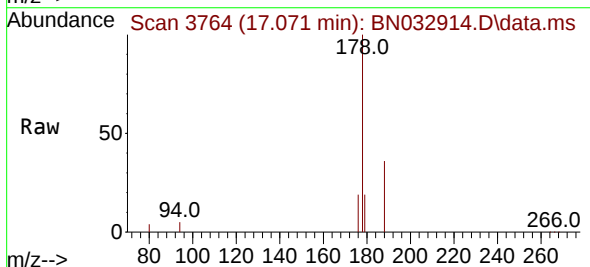
Tgt Ion:178 Resp: 127162
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.8 15.6 23.4

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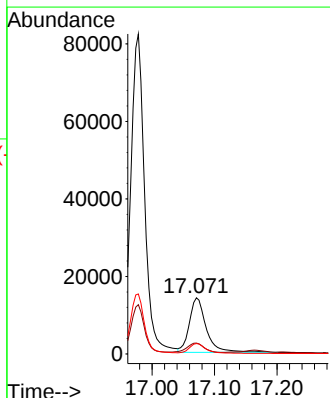
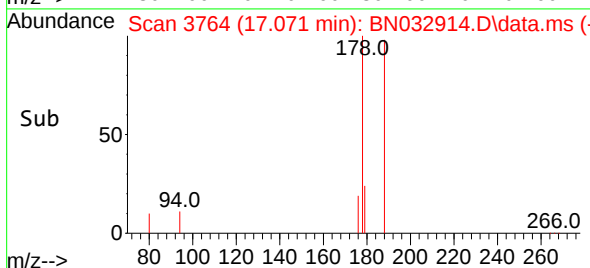
Reviewed By :Jagrut Upadhyay 07/24/2024
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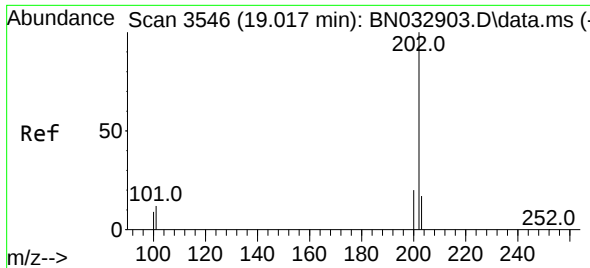


#16
Anthracene
Concen: 0.759 ng/u1
RT: 17.071 min Scan# 3764
Delta R.T. -0.028 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07



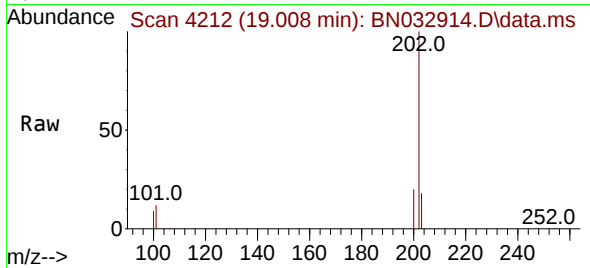
Tgt Ion:178 Resp: 26551
Ion Ratio Lower Upper
178 100
179 19.3 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 3.510 ng/ul
RT: 19.008 min Scan# 4121
Delta R.T. -0.017 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

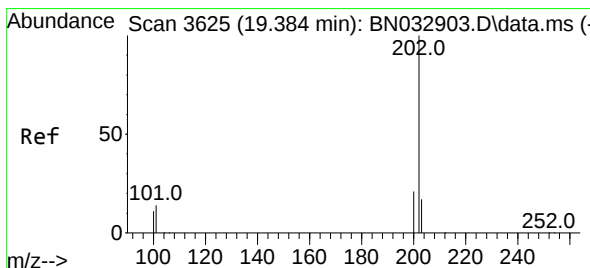
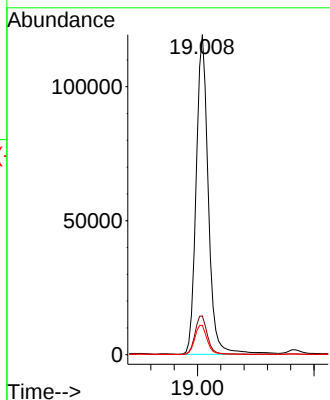
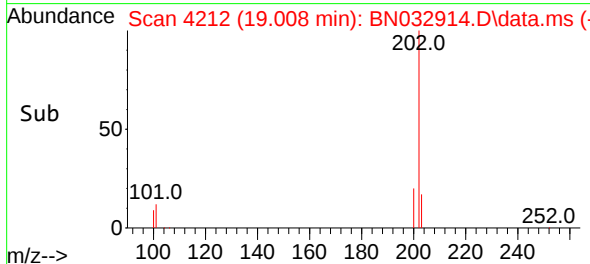
Instrument :
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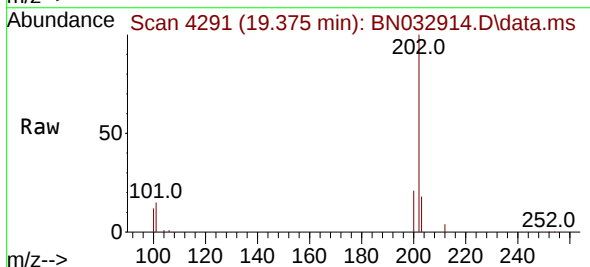
Tgt Ion:202 Resp: 172379
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

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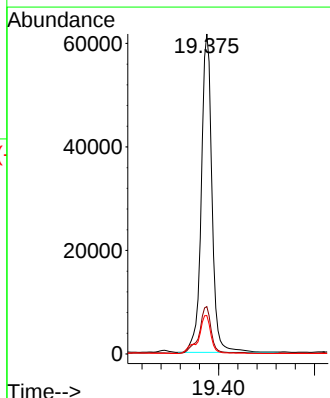
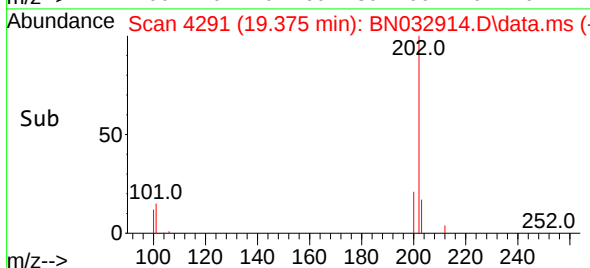
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

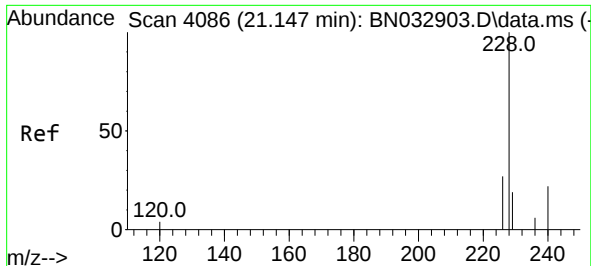


#20
Pyrene
Concen: 1.871 ng/ul
RT: 19.375 min Scan# 4291
Delta R.T. -0.017 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07



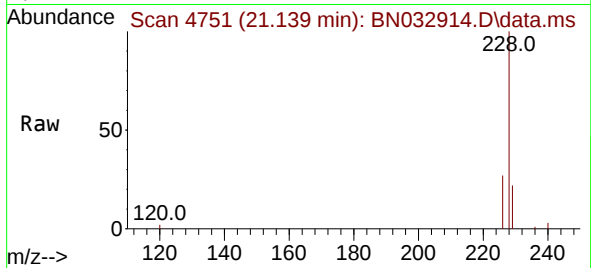
Tgt Ion:202 Resp: 95121
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.905 ng/ul
RT: 21.139 min Scan# 4751
Delta R.T. -0.012 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

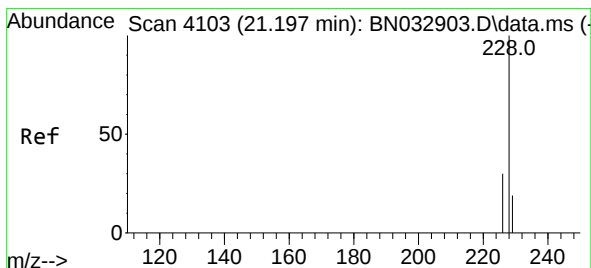
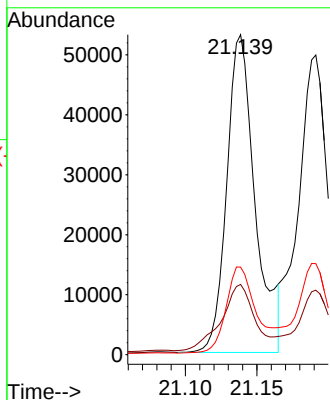
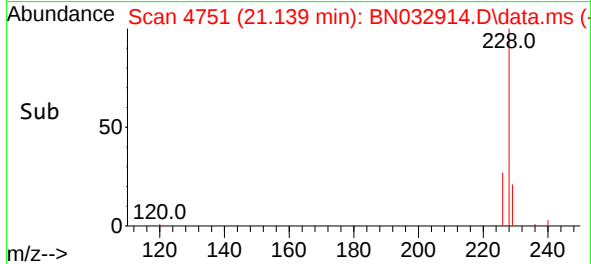
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



Tgt Ion:228 Resp: 73235
Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 27.4 21.9 32.9

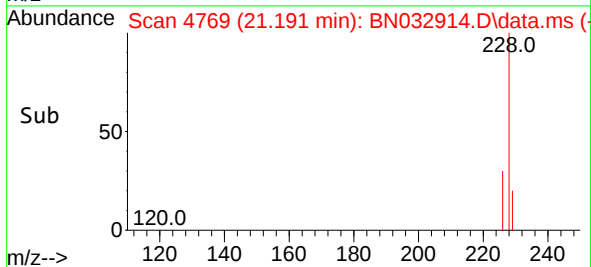
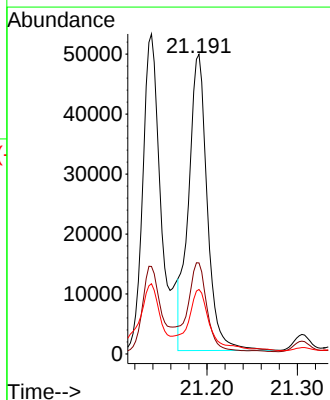
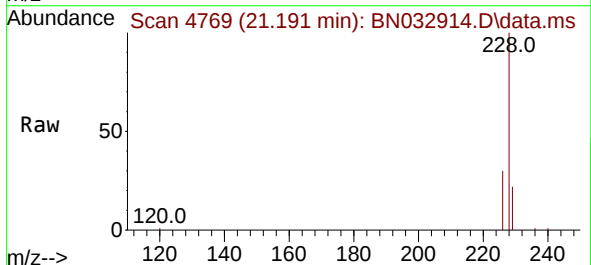
Manual Integrations
APPROVED

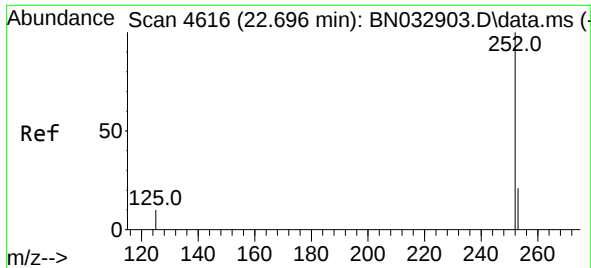
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.281 ng/ul
RT: 21.191 min Scan# 4769
Delta R.T. -0.012 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

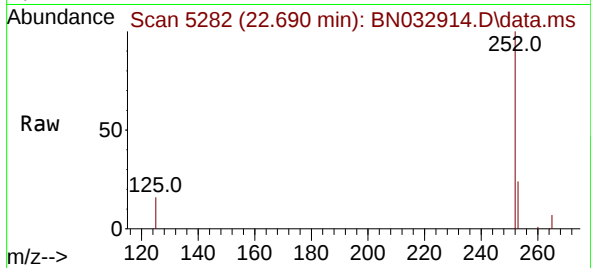
Tgt Ion:228 Resp: 71221
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.052 ng/ul m
RT: 22.690 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

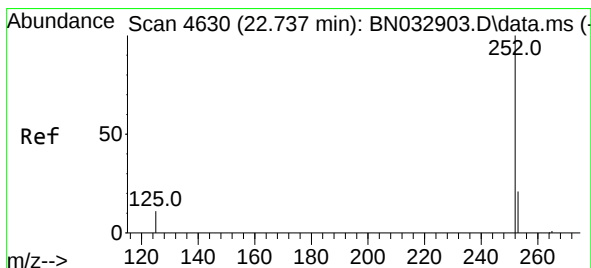
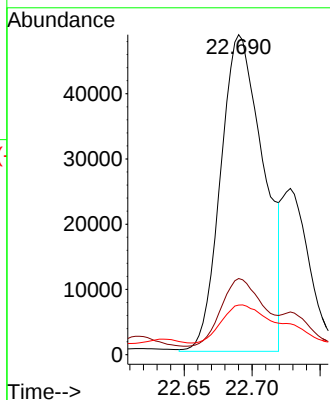
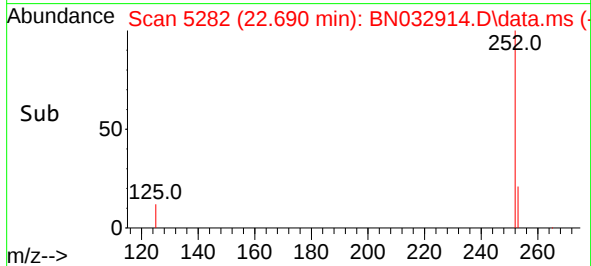
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



Tgt Ion:252 Resp: 106589
Ion Ratio Lower Upper
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253 23.8 0.0 54.0
125 15.5 0.0 36.0

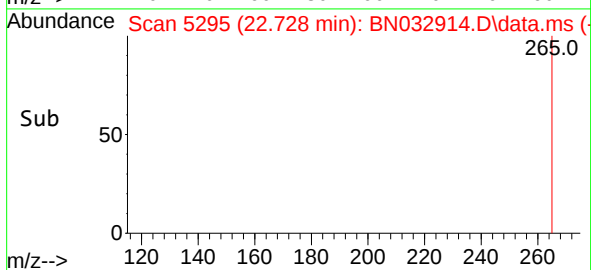
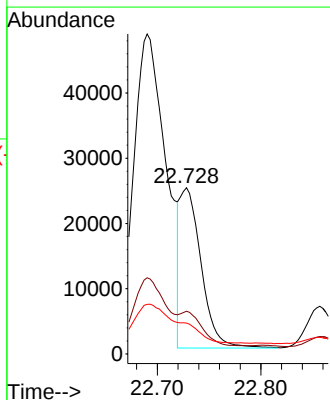
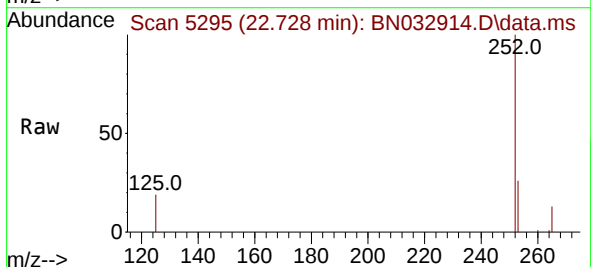
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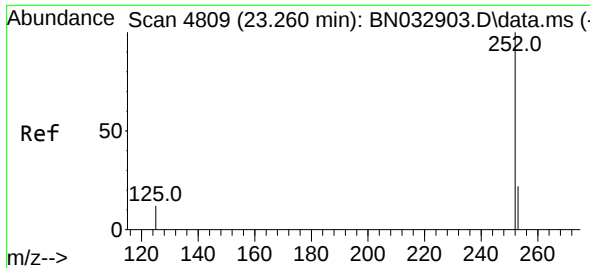
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.552 ng/ul m
RT: 22.728 min Scan# 5295
Delta R.T. -0.012 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

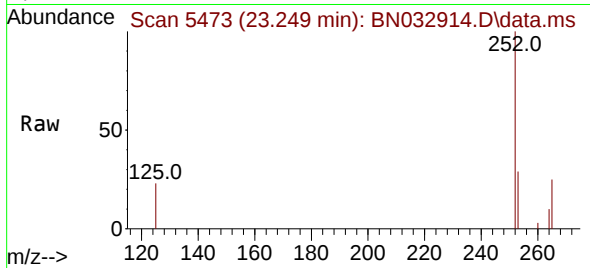
Tgt Ion:252 Resp: 34975
Ion Ratio Lower Upper
252 100
253 25.7 21.2 31.8
125 18.6 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.589 ng/ul
RT: 23.249 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

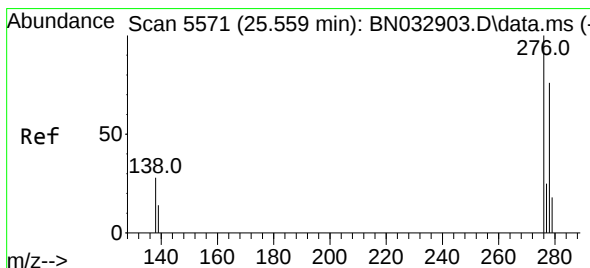
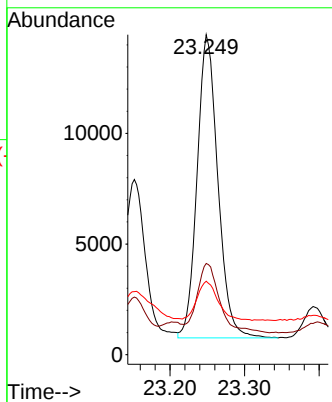
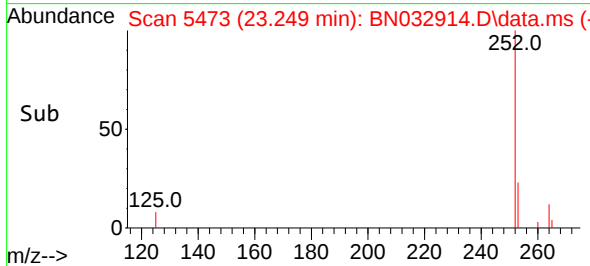
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



Tgt Ion:252 Resp: 26462
Ion Ratio Lower Upper
252 100
253 28.5 25.4 38.0
125 22.9 20.6 30.8

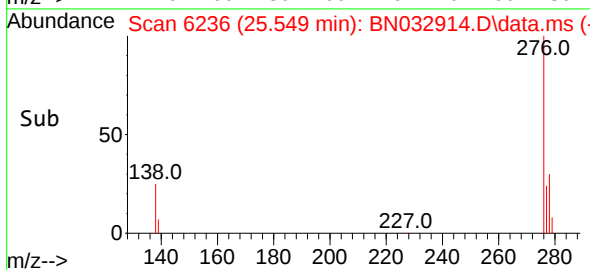
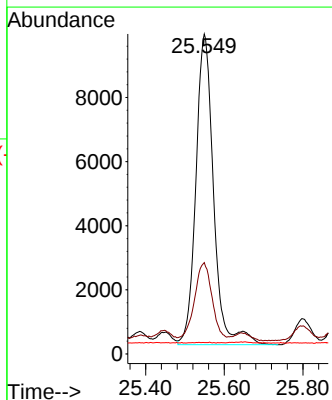
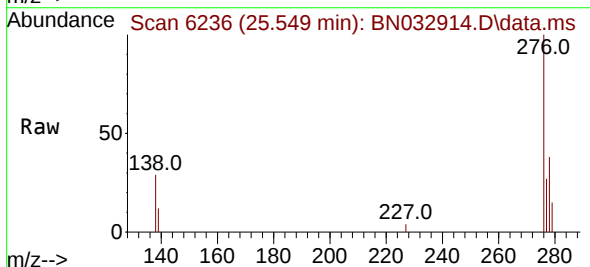
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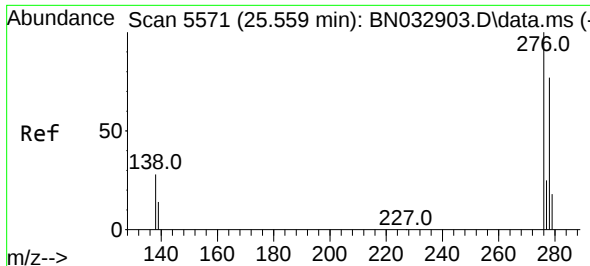
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.497 ng/ul
RT: 25.549 min Scan# 6236
Delta R.T. -0.020 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

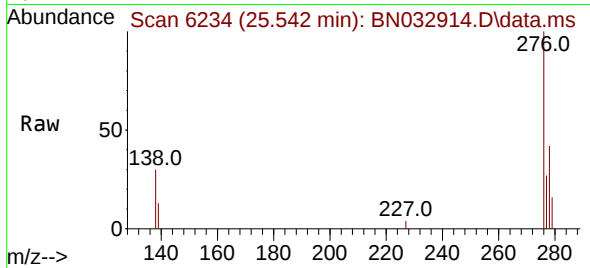
Tgt Ion:276 Resp: 30280
Ion Ratio Lower Upper
276 100
138 24.3 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 25.542 min Scan# 61
Delta R.T. -0.027 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07

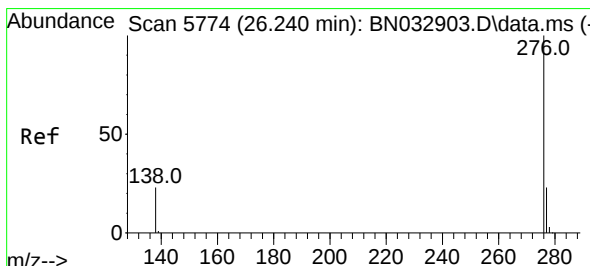
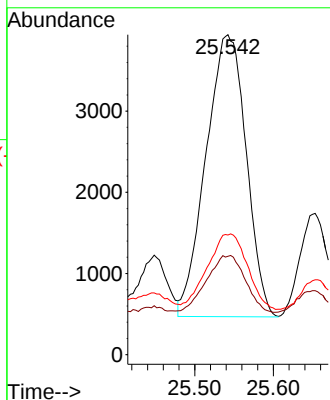
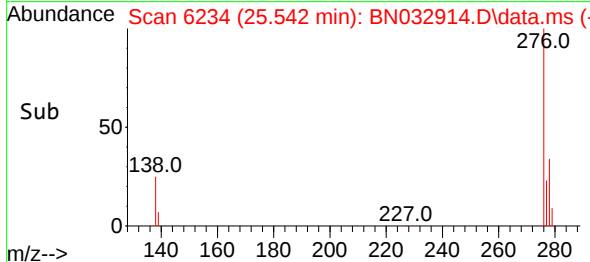
Instrument :
BNA_N
ClientSampleId :
A4BX9DL



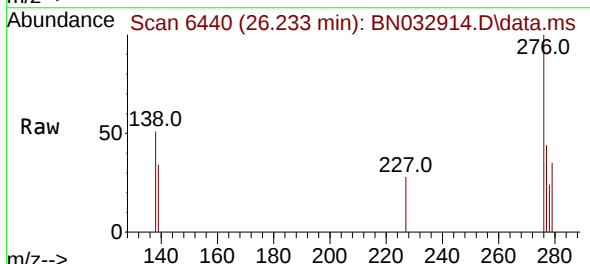
Tgt Ion:278 Resp: 1236
Ion Ratio Lower Upper
278 100
139 30.8 16.6 24.8#
279 37.4 23.7 35.5#

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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: 0.075 ng/ul
RT: 26.233 min Scan# 6440
Delta R.T. -0.017 min
Lab File: BN032914.D
Acq: 23 Jul 2024 17:07



Tgt Ion:276 Resp: 3826
Ion Ratio Lower Upper
276 100
138 51.3 21.0 31.4#
277 43.7 20.6 31.0#

