

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032918.D
 Acq On : 23 Jul 2024 19:31
 Operator : MA/JU
 Sample : P3238-10DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:11:09 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	5267	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.299	136	17637	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10056	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16257	0.400	ng/ul	-0.02
17) Chrysene-d12	21.150	240	13336	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	16144	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3179	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	895	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	1443	0.033	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	5026	0.106	ng/ul	96
7) 2-Methylnaphthalene	11.993	142	1848	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.202	142	1584	0.052	ng/ul	99
10) Acenaphthylene	13.897	152	3747	0.092	ng/ul#	94
11) Acenaphthene	14.239	153	10200	0.304	ng/ul	99
12) Fluorene	15.238	166	10568	0.275	ng/ul	99
15) Phenanthrene	16.978	178	202891	4.583	ng/ul	98
16) Anthracene	17.071	178	34872	0.964	ng/ul	97
19) Fluoranthene	19.008	202	285868	5.272	ng/ul	98
20) Pyrene	19.375	202	197090	3.512	ng/ul	98
21) Benzo(a)anthracene	21.135	228	117592	2.770	ng/ul	99
22) Chrysene	21.188	228	141265	2.300	ng/ul	99
24) Benzo(b)fluoranthene	22.687	252	149790m	2.630	ng/ul	
25) Benzo(k)fluoranthene	22.722	252	56489m	0.814	ng/ul	
26) Benzo(a)pyrene	23.245	252	59983	1.217	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.545	276	54754	0.820	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.545	278	21540	0.416	ng/ul	91
29) Benzo(g,h,i)perylene	26.230	276	7194	0.129	ng/ul#	76

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

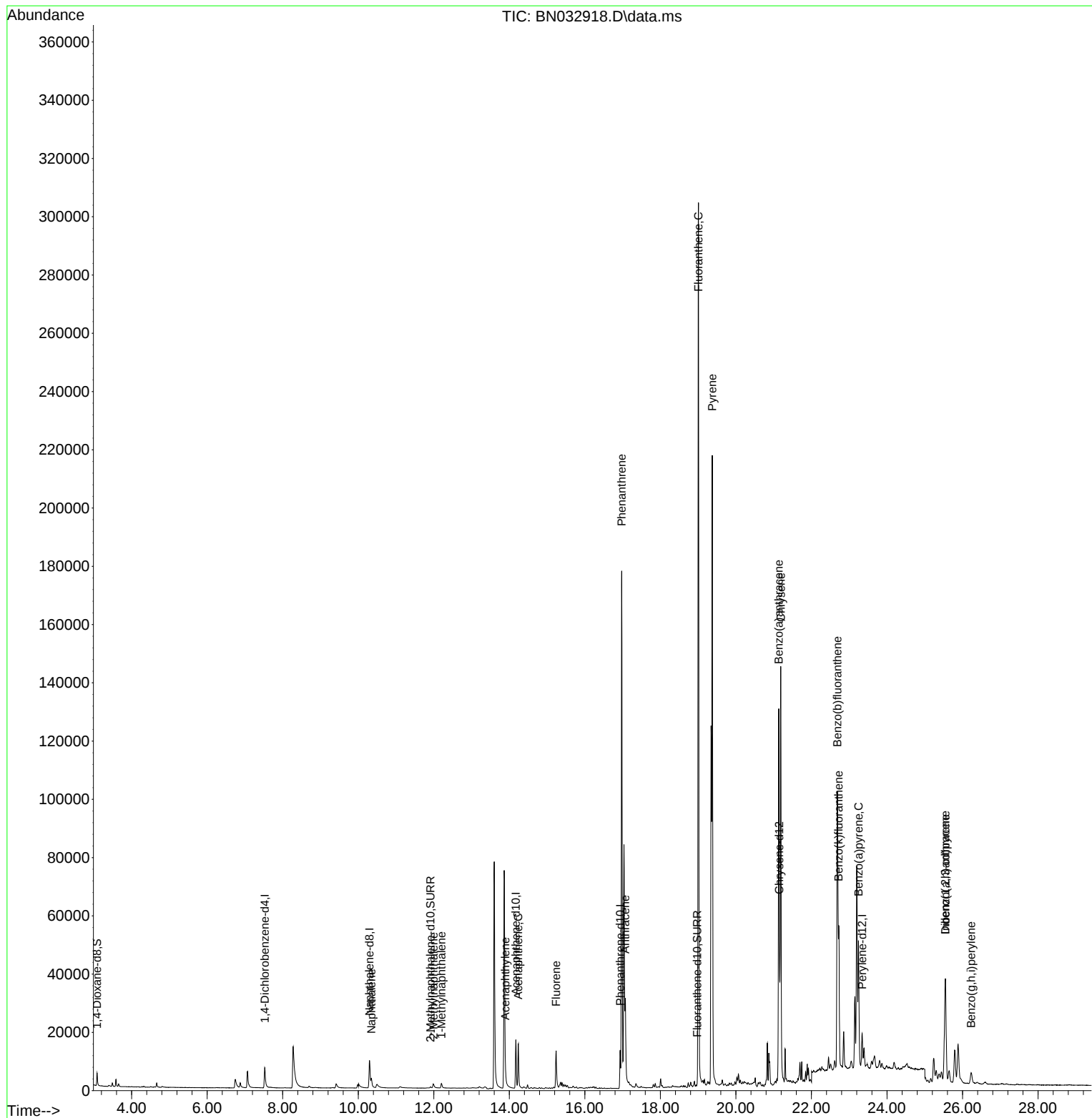
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032918.D
Acq On : 23 Jul 2024 19:31
Operator : MA/JU
Sample : P3238-10DL 5X
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ALS Vial : 27 Sample Multiplier: 1

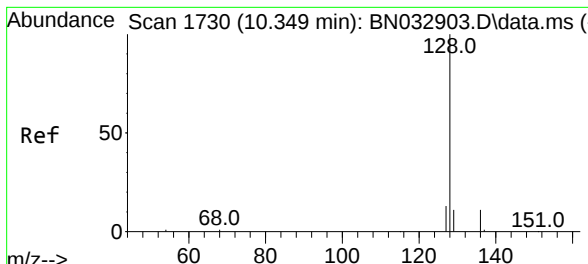
Instrument :
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Supervised By :mohammad ahmed 07/26/2024

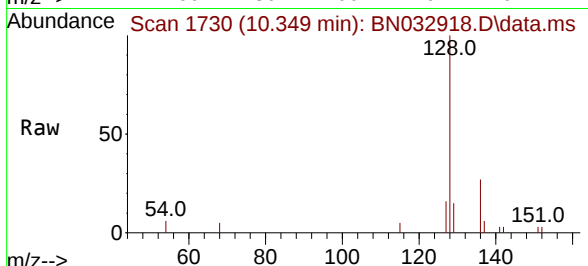
Quant Time: Jul 24 01:11:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
 Concen: 0.106 ng/ul
 RT: 10.349 min Scan# 1730
 Delta R.T. -0.015 min
 Lab File: BN032918.D
 Acq: 23 Jul 2024 19:31

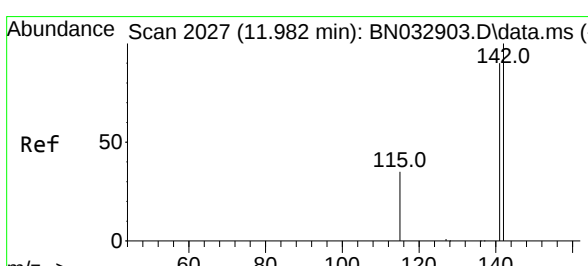
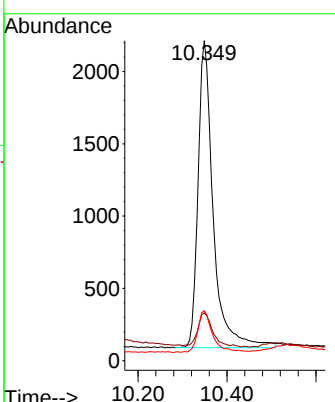
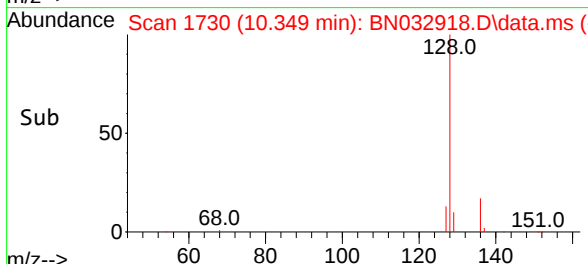
Instrument : BNA_N
ClientSampleId : A4BF6DL



Tgt Ion:128 Resp: 5020

Ion	Ratio	Lower	Upper
128	100		
129	15.0	10.0	15.0
127	15.6	11.6	17.4

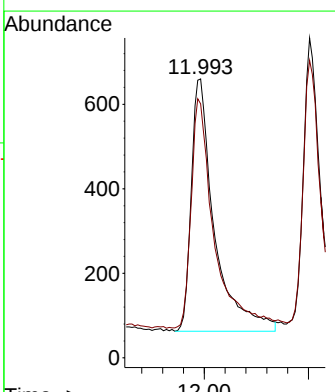
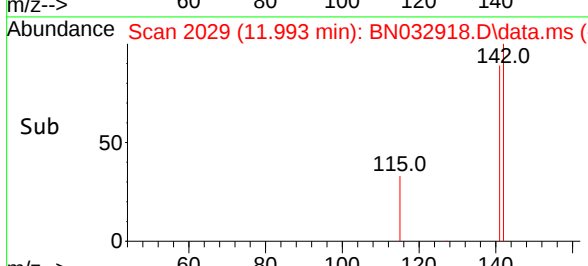
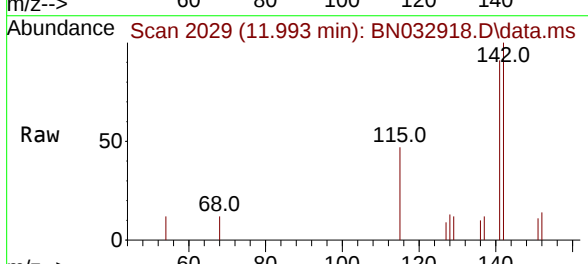
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

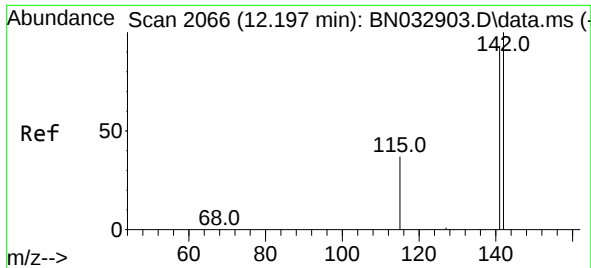


#7
2-Methylnaphthalene
 Concen: 0.063 ng/ul
 RT: 11.993 min Scan# 2029
 Delta R.T. -0.004 min
 Lab File: BN032918.D
 Acq: 23 Jul 2024 19:31

Tgt Ion:142 Resp: 1848

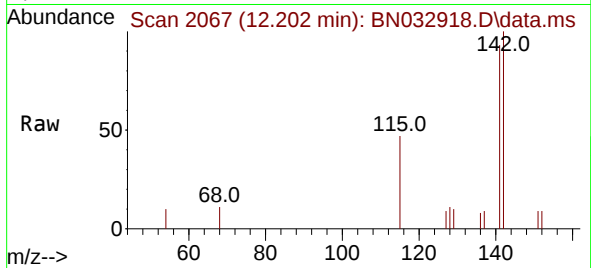
Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

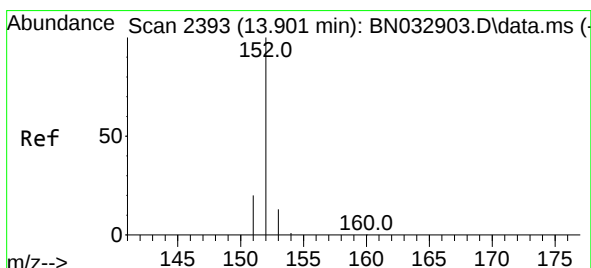
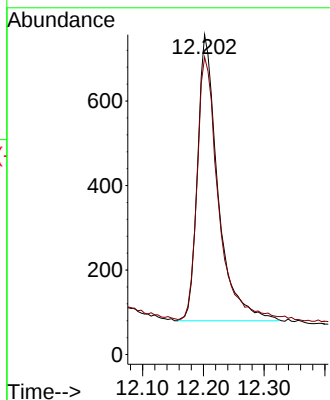
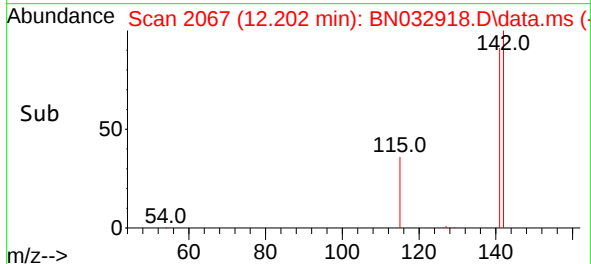
Instrument :
BNA_N
ClientSampleId :
A4BF6DL



Tgt Ion:142 Resp: 1584
Ion Ratio Lower Upper
142 100
141 94.7 75.0 112.4

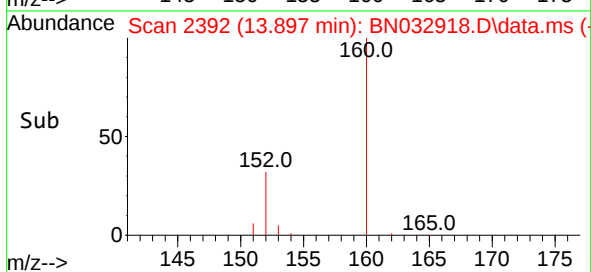
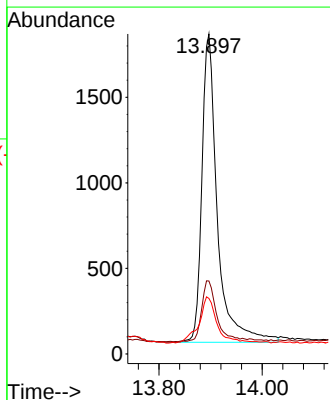
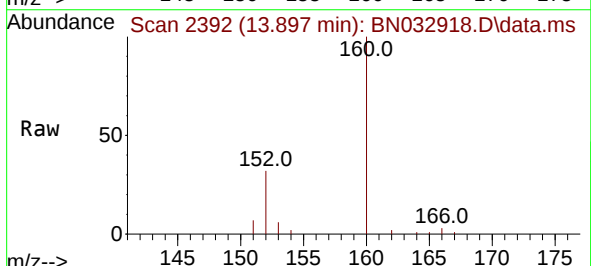
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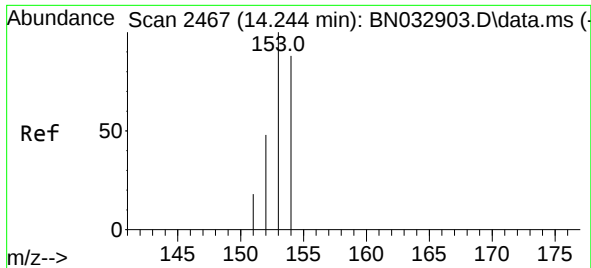
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

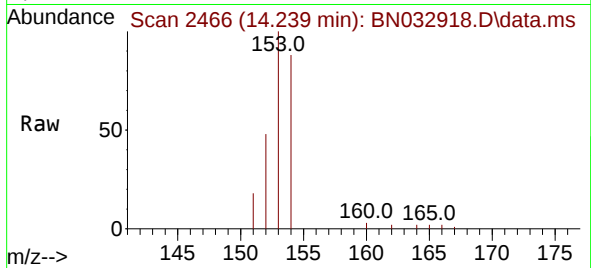
Tgt Ion:152 Resp: 3747
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 17.4 11.3 16.9#





#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

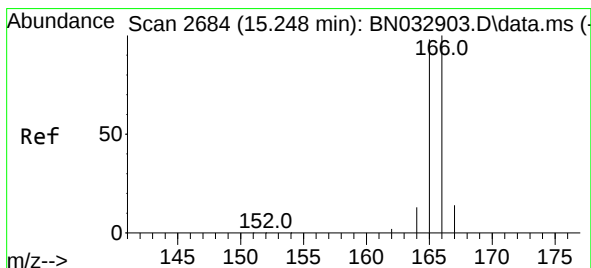
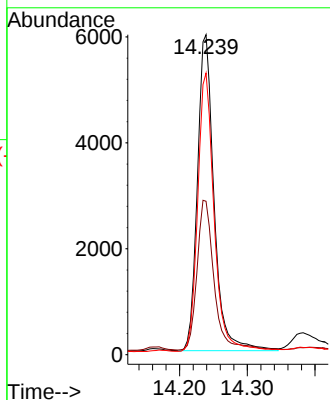
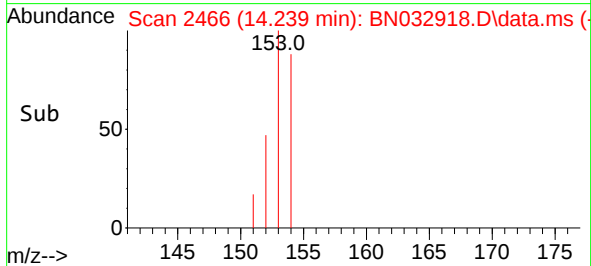
Instrument :
BNA_N
ClientSampleId :
A4BF6DL



Tgt Ion:153 Resp: 10200
Ion Ratio Lower Upper
153 100
152 48.0 40.0 60.0
154 88.0 70.2 105.4

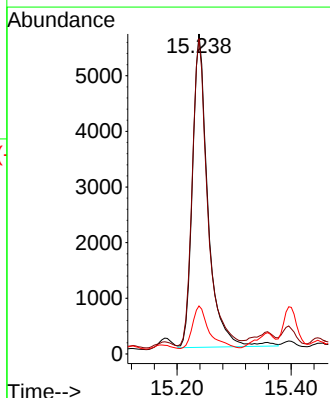
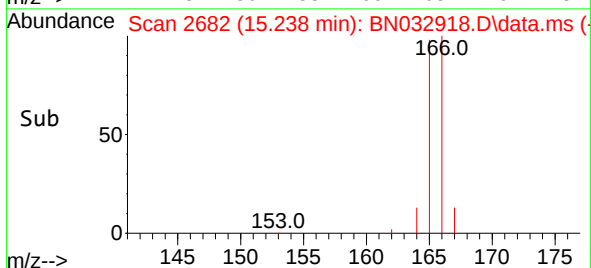
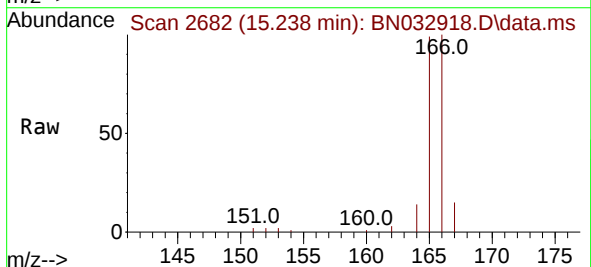
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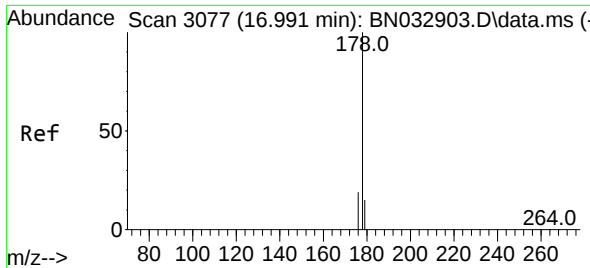
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

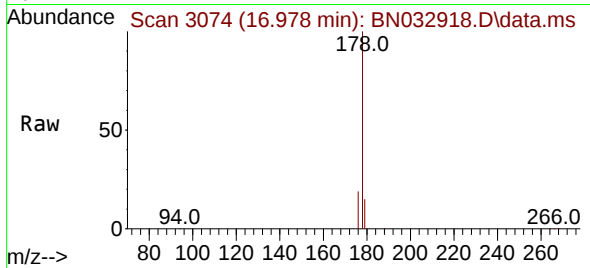
Tgt Ion:166 Resp: 10568
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 15.0 11.4 17.2





#15
Phenanthrene
Concen: 4.583 ng/ul
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

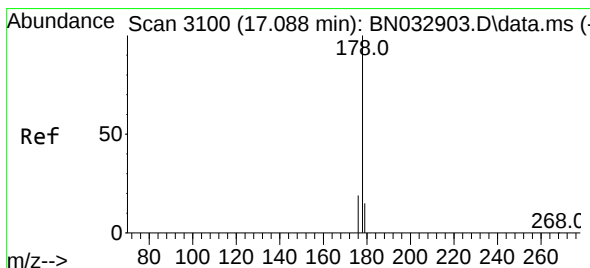
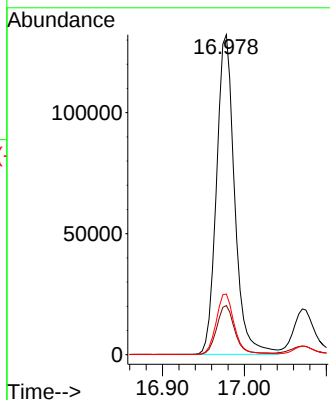
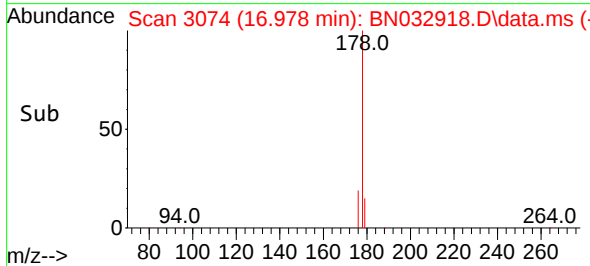
Instrument :
BNA_N
ClientSampleId :
A4BF6DL



Tgt Ion:178 Resp: 20289
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 18.9 15.6 23.4

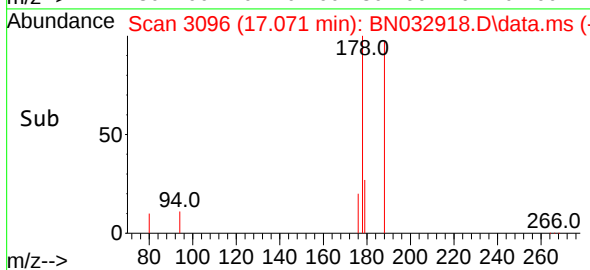
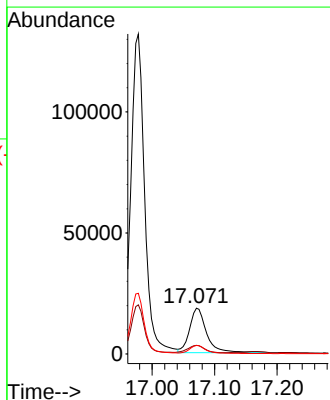
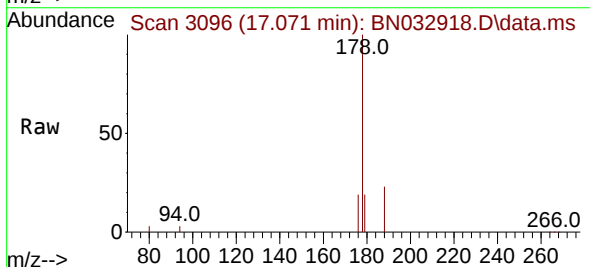
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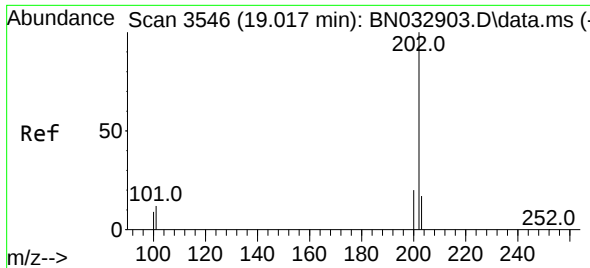
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 0.964 ng/ul
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

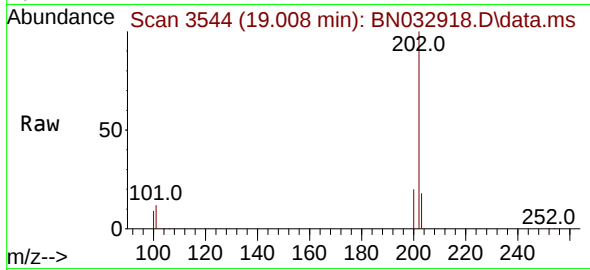
Tgt Ion:178 Resp: 34872
Ion Ratio Lower Upper
178 100
179 18.9 13.4 20.2
176 18.7 15.4 23.0





#19
Fluoranthene
Concen: 5.272 ng/u1
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

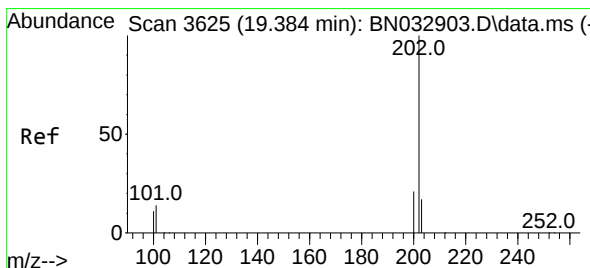
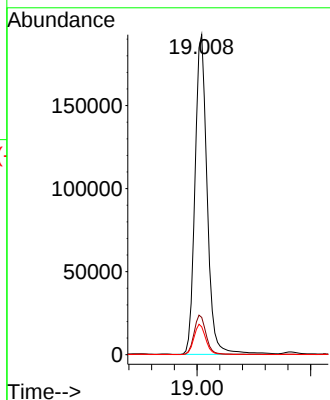
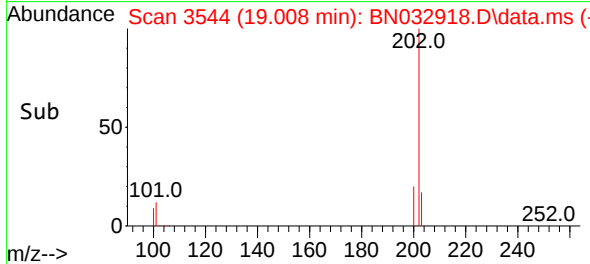
Instrument :
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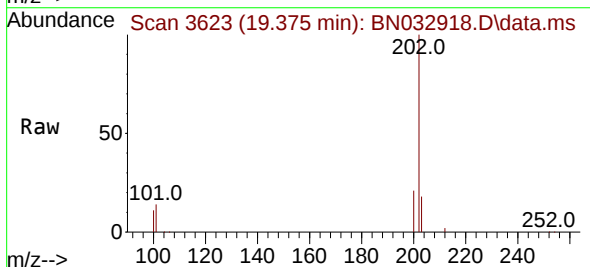
Tgt Ion:202 Resp: 28586
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.9 11.9

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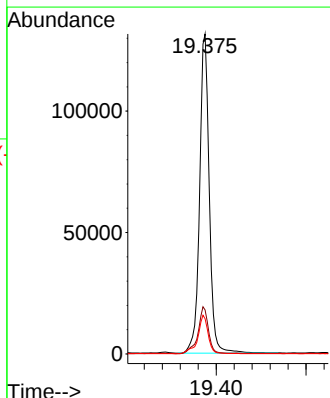
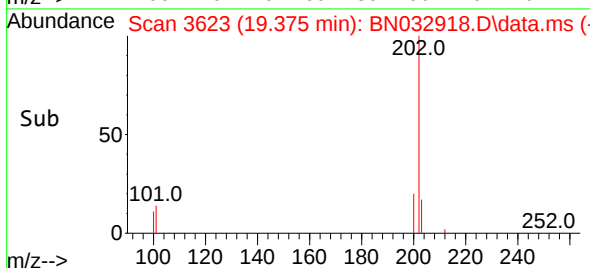
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

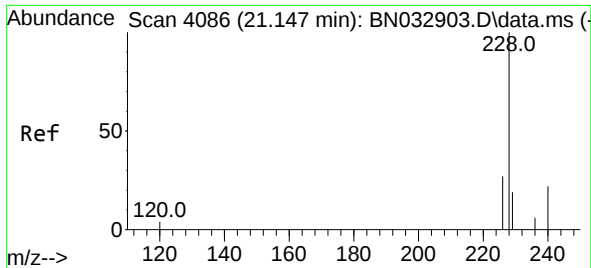


#20
Pyrene
Concen: 3.512 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31



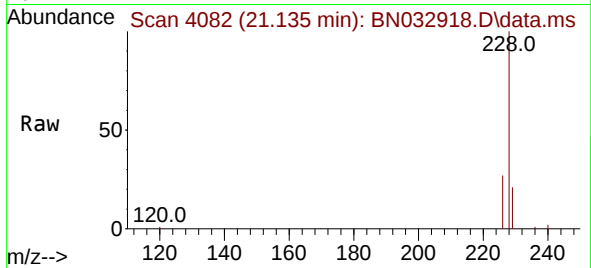
Tgt Ion:202 Resp: 197090
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.770 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. -0.015 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

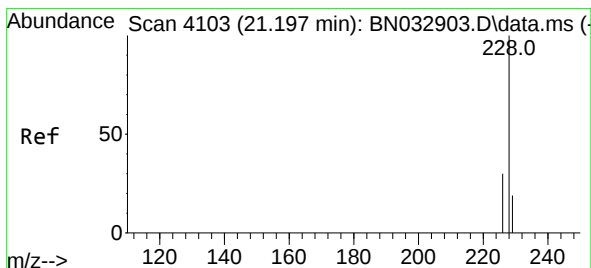
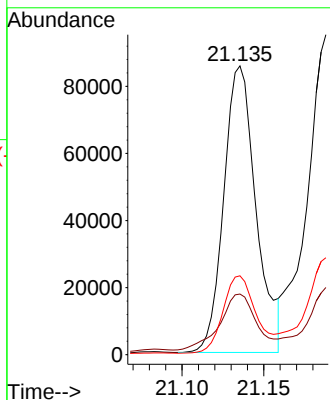
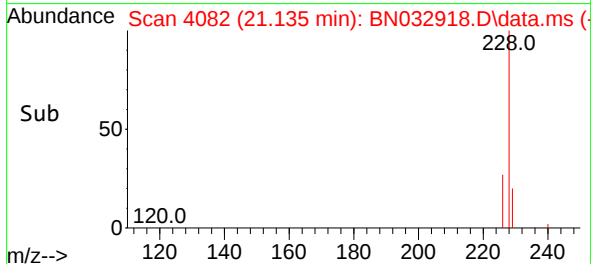
Instrument :
BNA_N
ClientSampleId :
A4BF6DL



Tgt Ion:228 Resp: 117592
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.3 21.9 32.9

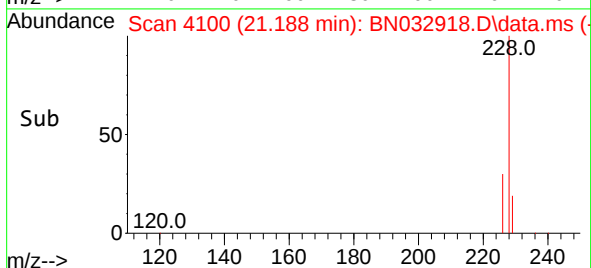
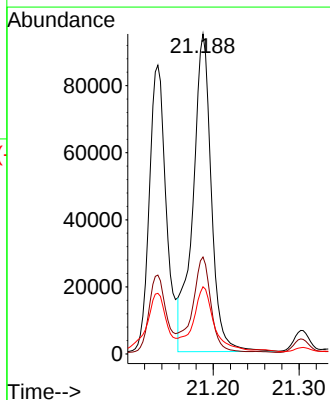
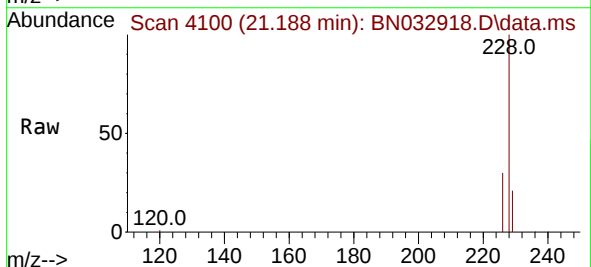
Manual Integrations
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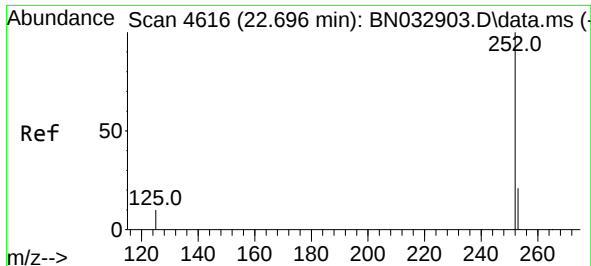
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 2.300 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

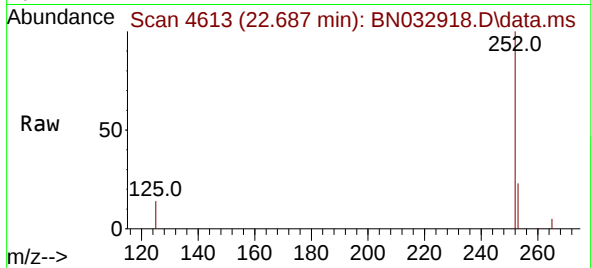
Tgt Ion:228 Resp: 141265
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.630 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

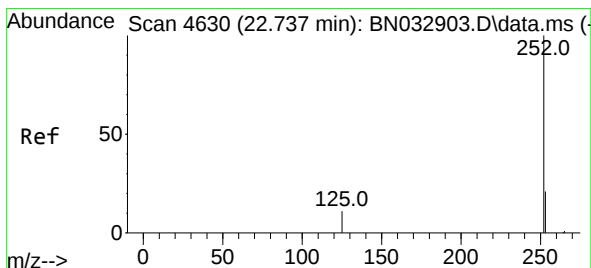
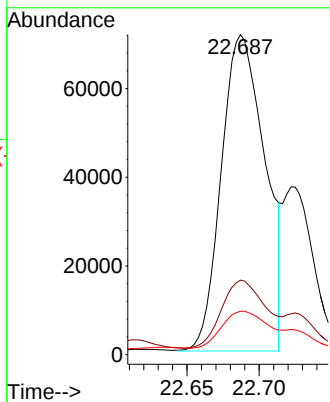
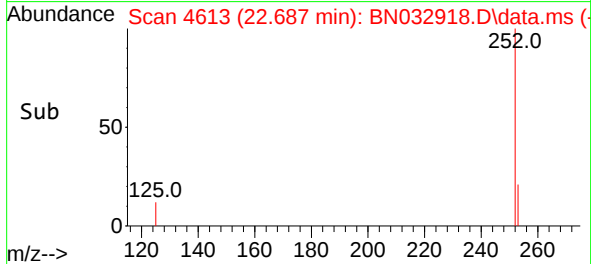
Instrument :
BNA_N
ClientSampleId :
A4BF6DL



Tgt Ion:252 Resp: 149790
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 13.6 0.0 36.0

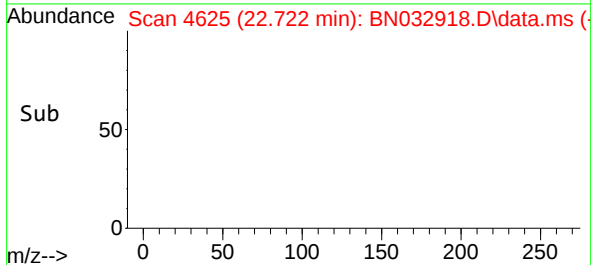
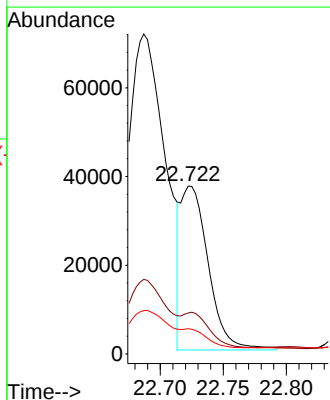
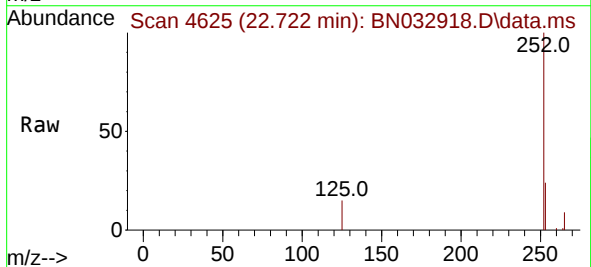
Manual Integrations
APPROVED

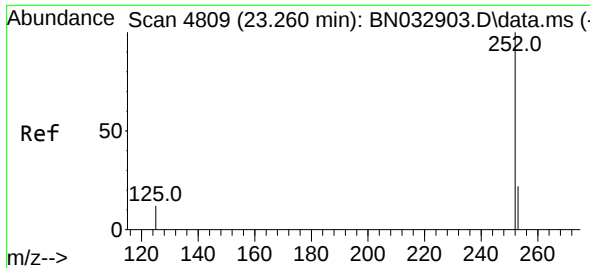
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.814 ng/ul m
RT: 22.722 min Scan# 4625
Delta R.T. -0.018 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

Tgt Ion:252 Resp: 56489
Ion Ratio Lower Upper
252 100
253 24.4 21.2 31.8
125 15.1 14.8 22.2





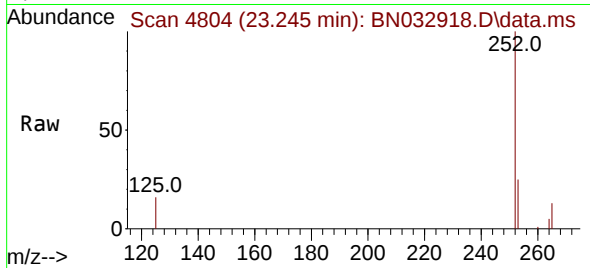
#26
Benzo(a)pyrene
Concen: 1.217 ng/ul
RT: 23.245 min Scan# 4804
Delta R.T. -0.018 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

Instrument :

BN032918.D

ClientSampleId :

A4BF6DL

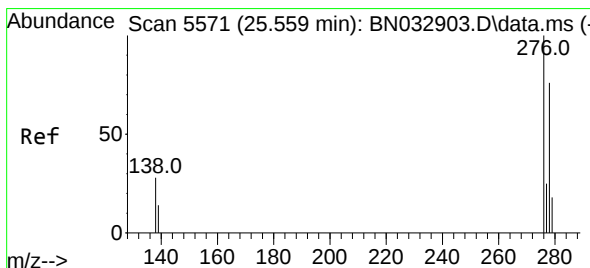
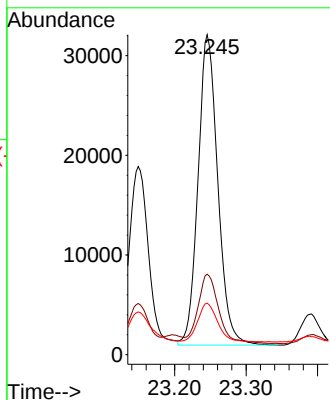
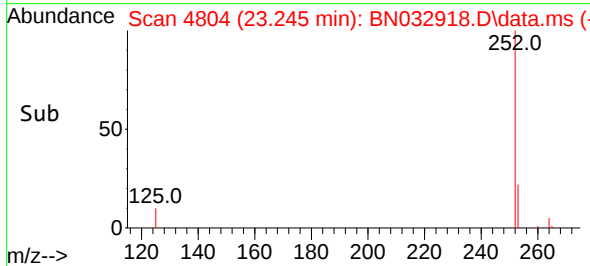


Tgt Ion:252 Resp: 5998
Ion Ratio Lower Upper
252 100
253 25.2 25.4 38.0
125 16.1 20.6 30.8

Manual Integrations

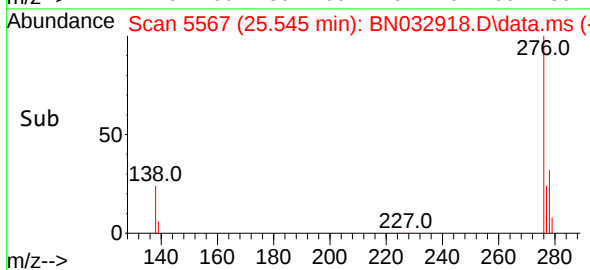
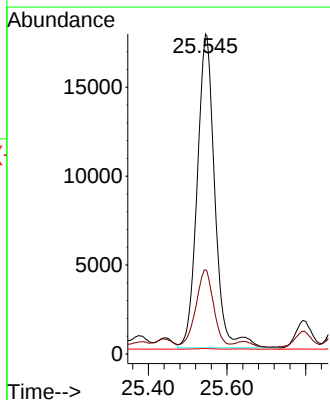
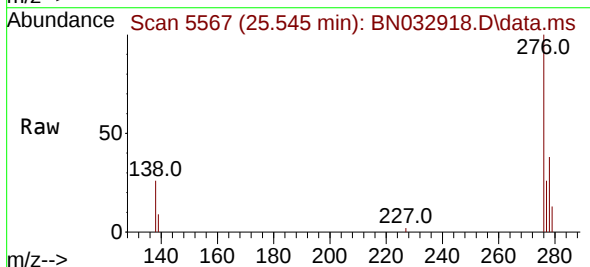
APPROVED

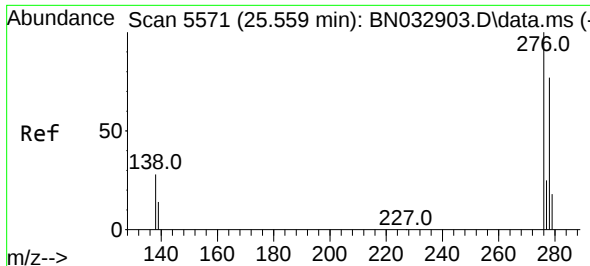
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.820 ng/ul
RT: 25.545 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

Tgt Ion:276 Resp: 54754
Ion Ratio Lower Upper
276 100
138 24.0 21.6 32.4
227 0.2 0.0 0.0





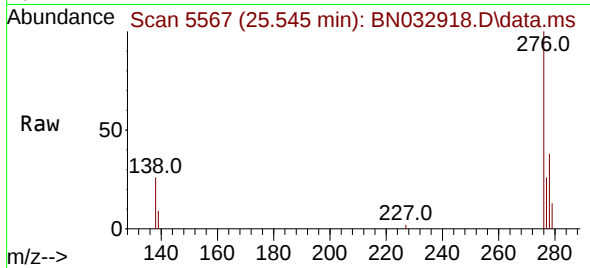
#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.545 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

Instrument :

BNA_N

ClientSampleId :

A4BF6DL

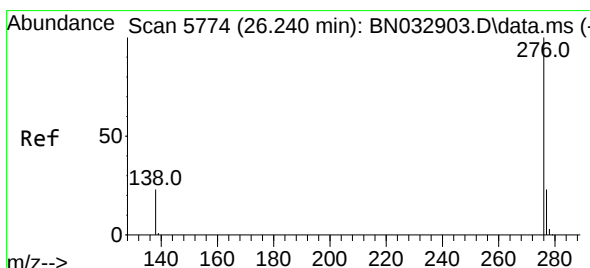
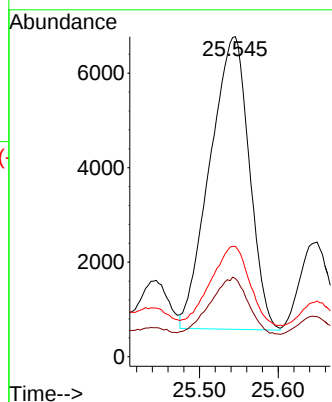


Tgt Ion:278 Resp: 21540
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 34.4 23.7 35.5

Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 26.230 min Scan# 5771
Delta R.T. -0.020 min
Lab File: BN032918.D
Acq: 23 Jul 2024 19:31

Tgt Ion:276 Resp: 7194
Ion Ratio Lower Upper
276 100
138 38.1 21.0 31.4#
277 38.0 20.6 31.0#

