

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032845.D
 Acq On : 19 Jul 2024 17:36
 Operator : MA/JU
 Sample : P3178-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 18:41:28 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	3797	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	11785	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.183	164	6274	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	11332m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	9509m	0.400	ng/ul	-0.01
23) Perylene-d12	23.356	264	10414m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	12793	2.806	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3461	0.194	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6211	0.200	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	1060	0.033	ng/ul#	77
7) 2-Methylnaphthalene	11.982	142	421	0.021	ng/ul	96
10) Acenaphthylene	13.901	152	2027	0.080	ng/ul#	83
11) Acenaphthene	14.244	153	731	0.035	ng/ul	95
12) Fluorene	15.243	166	1086	0.045	ng/ul#	94
15) Phenanthrene	16.986	178	11314m	0.367	ng/ul	
16) Anthracene	17.075	178	3437m	0.136	ng/ul	
19) Fluoranthene	19.017	202	23123	0.598	ng/ul	99
20) Pyrene	19.384	202	23889	0.597	ng/ul	99
21) Benzo(a)anthracene	21.147	228	13070	0.432	ng/ul#	86
22) Chrysene	21.200	228	10970	0.251	ng/ul#	84
24) Benzo(b)fluoranthene	22.699	252	15342m	0.418	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	6604m	0.147	ng/ul	
26) Benzo(a)pyrene	23.257	252	12097	0.380	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.569	276	8538	0.198	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.565	278	2045	0.061	ng/ul#	1
29) Benzo(g,h,i)perylene	26.246	276	9144	0.254	ng/ul#	73

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

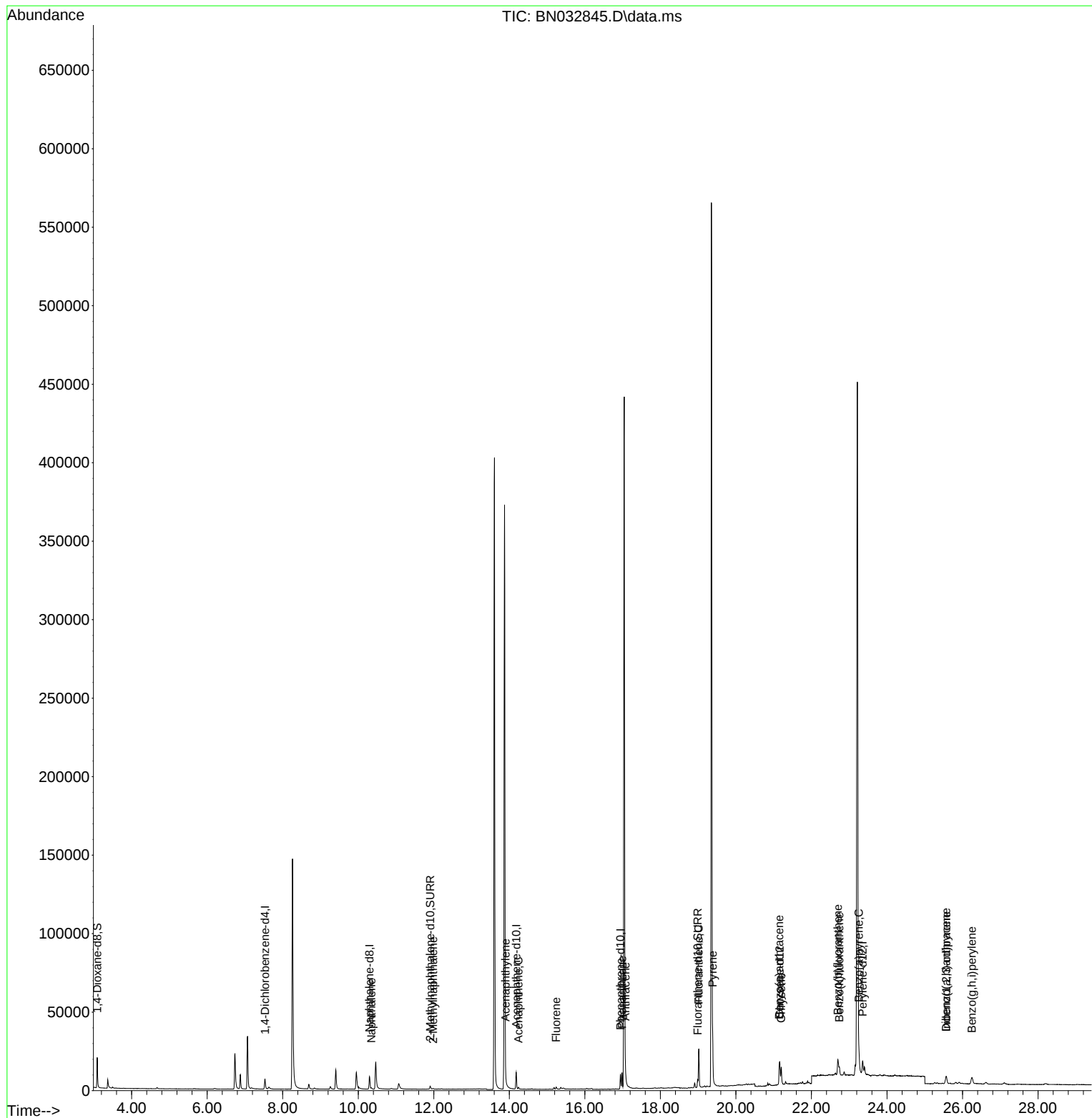
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
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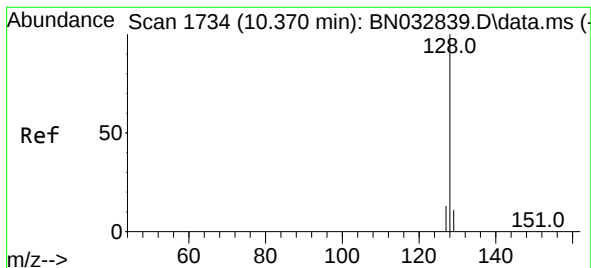
Instrument :
BNA_N
ClientSampleId :
A4BS9

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Quant Time: Jul 19 18:41:28 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.033 ng/ul

RT: 10.349 min Scan# 1730

Delta R.T. -0.022 min

Lab File: BN032845.D

Acq: 19 Jul 2024 17:36

Instrument :

BNA_N

ClientSampleId :

A4BS9

Tgt Ion:128 Resp: 1060

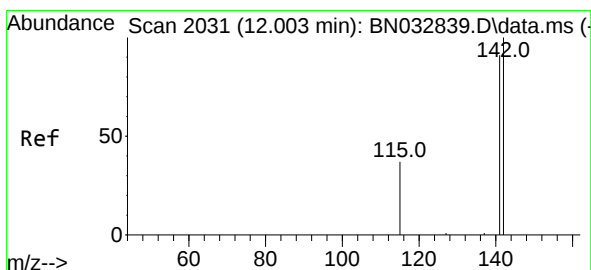
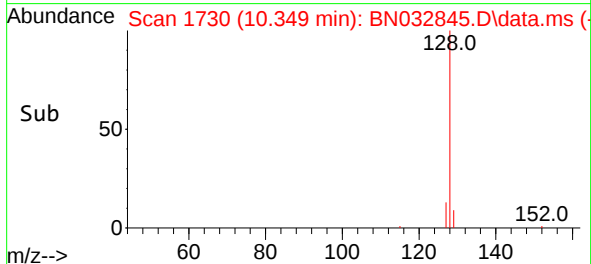
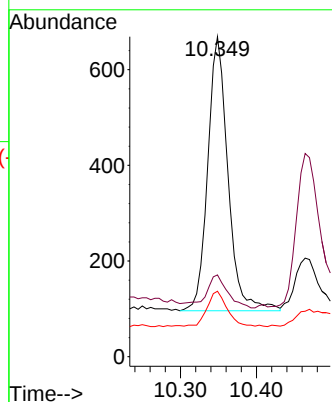
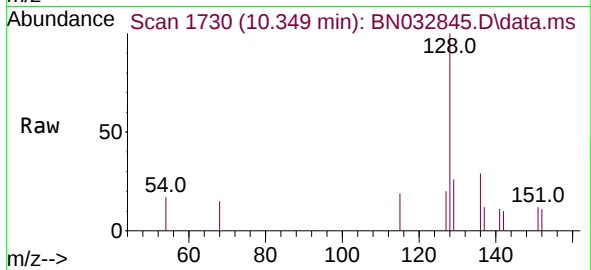
Ion	Ratio	Lower	Upper
128	100		
129	25.6	10.0	15.0
127	20.5	11.6	17.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 11.982 min Scan# 2027

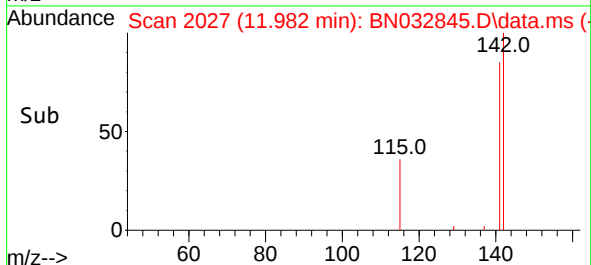
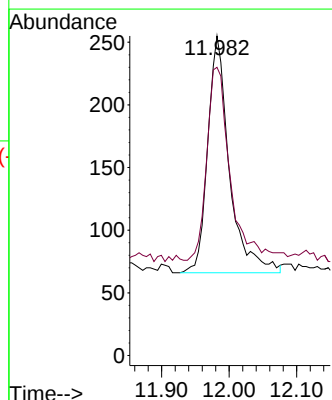
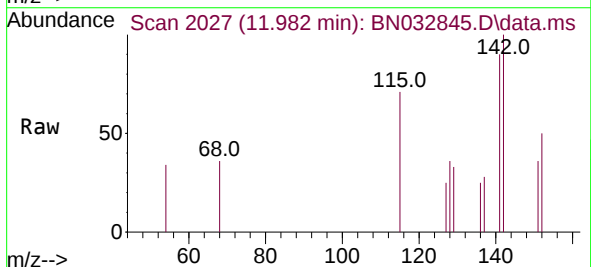
Delta R.T. -0.022 min

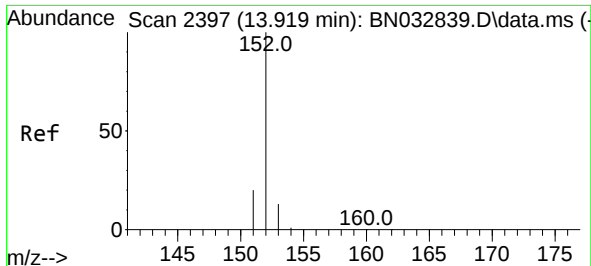
Lab File: BN032845.D

Acq: 19 Jul 2024 17:36

Tgt Ion:142 Resp: 421

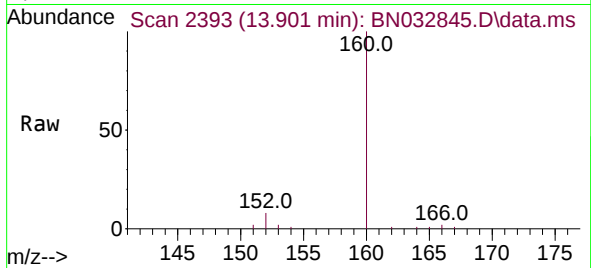
Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.0	111.0





#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

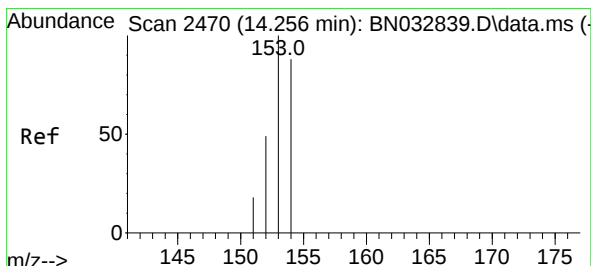
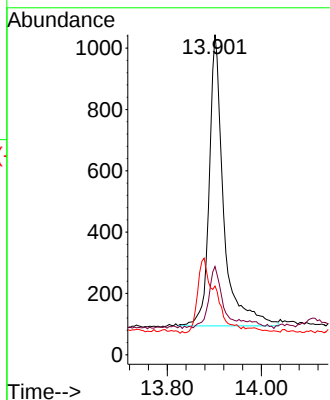
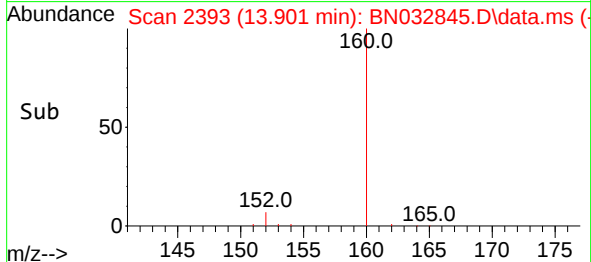
Instrument :
BNA_N
ClientSampleId :
A4BS9



Tgt Ion:152 Resp: 202
Ion Ratio Lower Upper
152 100
151 27.6 16.3 24.5
153 21.5 11.3 16.9

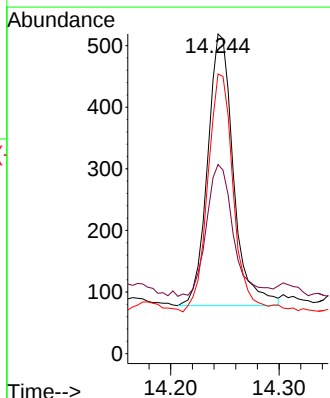
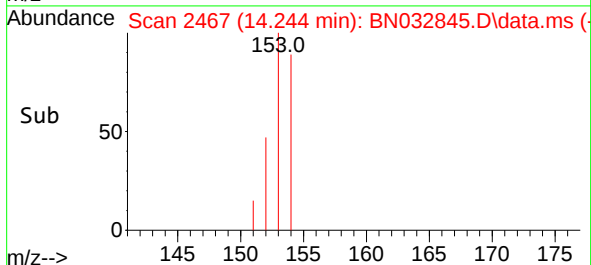
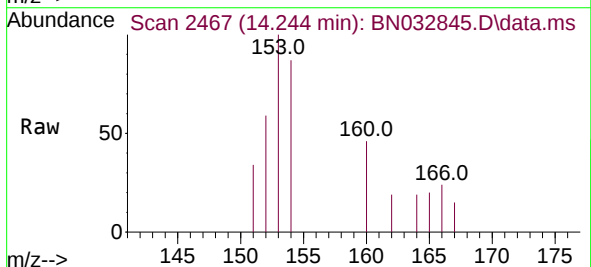
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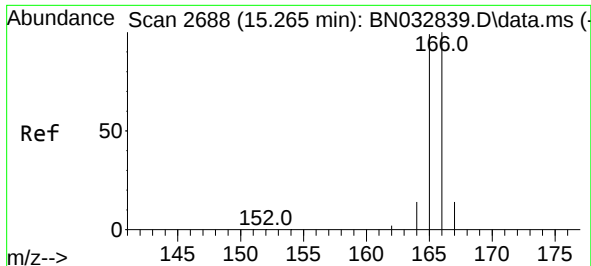
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

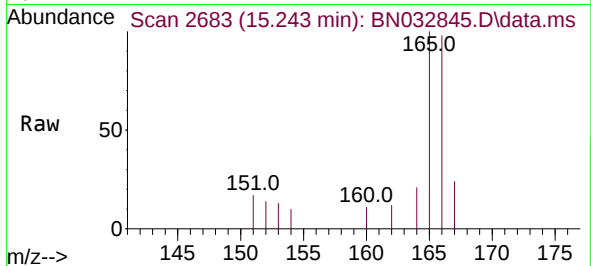
Tgt Ion:153 Resp: 731
Ion Ratio Lower Upper
153 100
152 59.2 40.0 60.0
154 87.5 70.2 105.4





#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.243 min Scan# 20
Delta R.T. -0.023 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

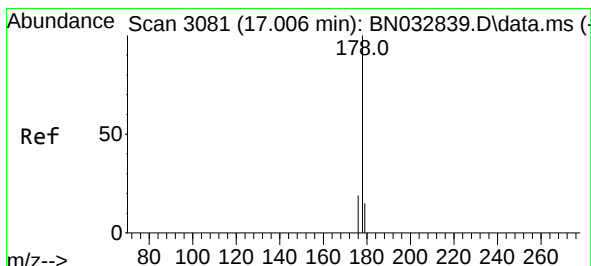
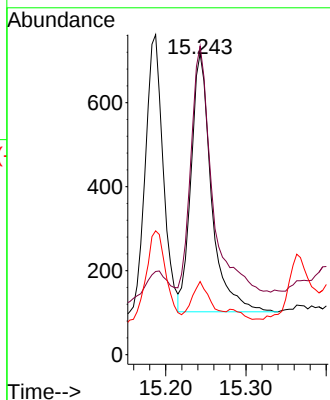
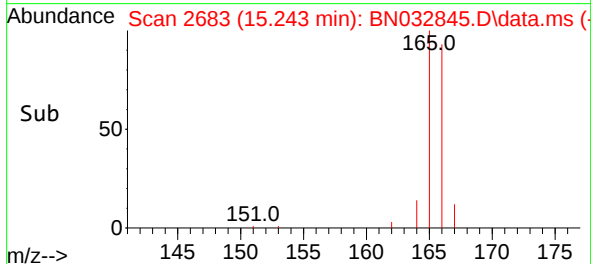
Instrument :
BNA_N
ClientSampleId :
A4BS9



Tgt Ion:166 Resp: 1080
Ion Ratio Lower Upper
166 100
165 102.5 79.7 119.5
167 24.3 11.4 17.2

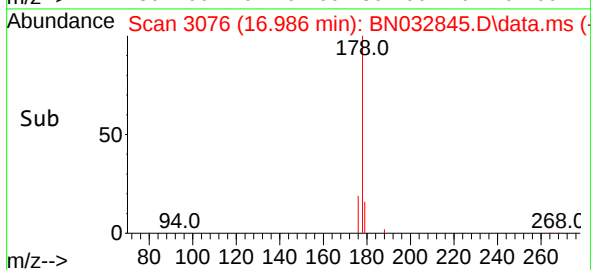
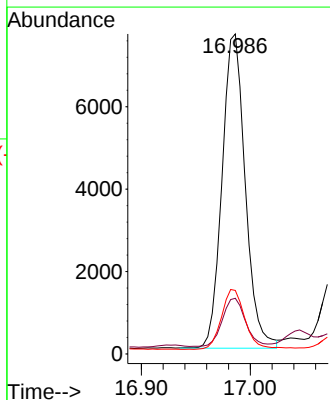
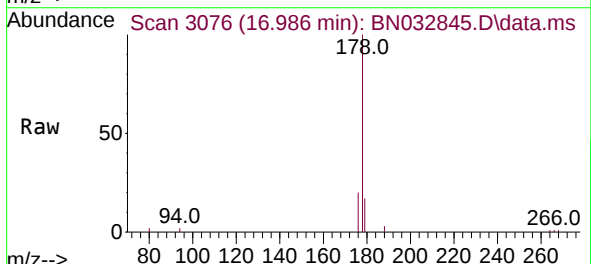
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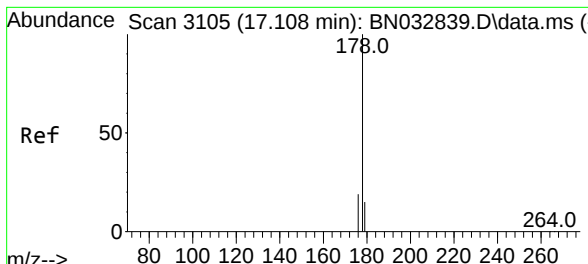
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#15
Phenanthrene
Concen: 0.367 ng/u1 m
RT: 16.986 min Scan# 3076
Delta R.T. -0.021 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

Tgt Ion:178 Resp: 11314
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 19.9 15.6 23.4





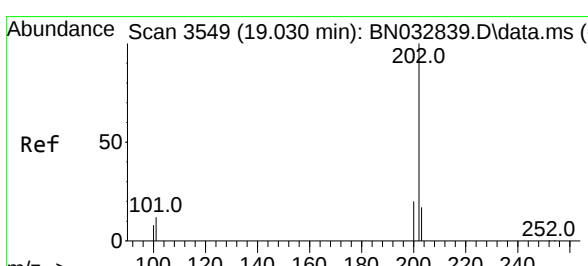
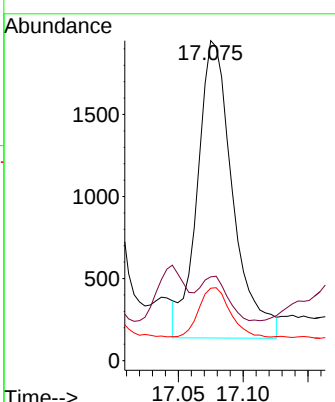
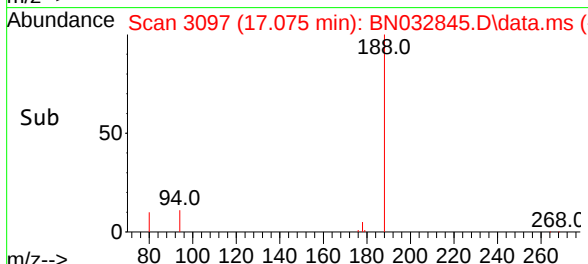
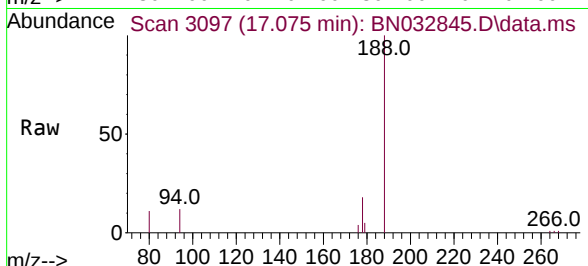
#16
 Anthracene
 Concen: 0.136 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.030 min
 Lab File: BN032845.D
 Acq: 19 Jul 2024 17:36

Instrument : BNA_N
 ClientSampleId : A4BS9

Tgt Ion:	178	Resp:	343
Ion Ratio	Lower	Upper	
178	100		
179	26.2	13.4	20.2
176	22.6	15.4	23.0

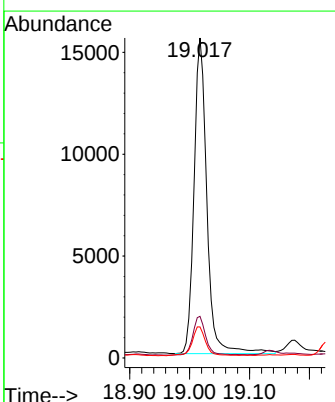
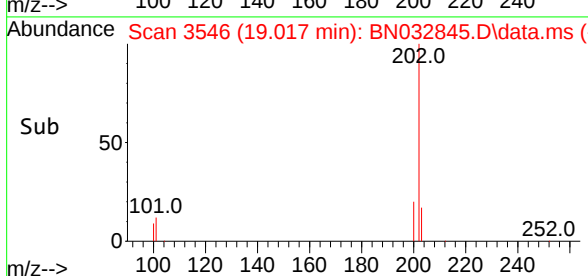
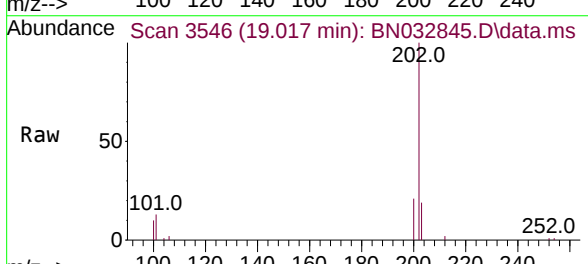
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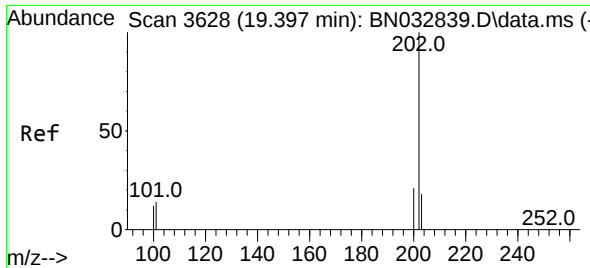
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#19
 Fluoranthene
 Concen: 0.598 ng/ul
 RT: 19.017 min Scan# 3546
 Delta R.T. -0.014 min
 Lab File: BN032845.D
 Acq: 19 Jul 2024 17:36

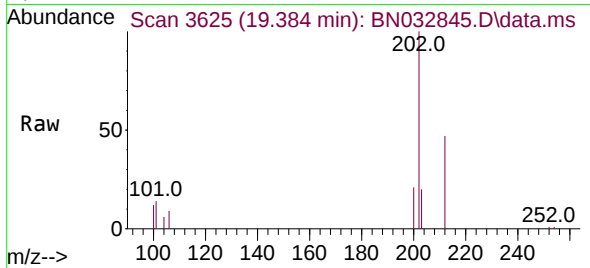
Tgt Ion:	202	Resp:	23123
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.8	14.8
100	9.7	7.9	11.9





#20
Pyrene
Concen: 0.597 ng/ul
RT: 19.384 min Scan# 30
Delta R.T. -0.014 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

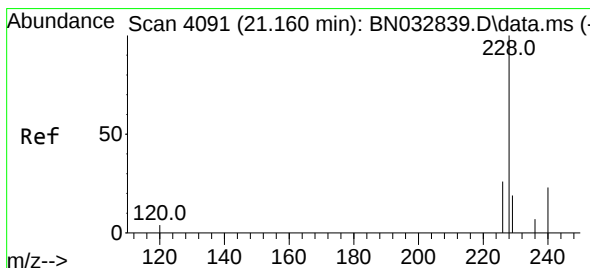
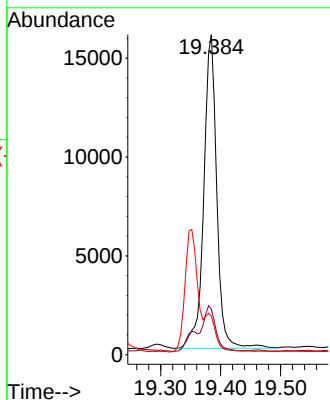
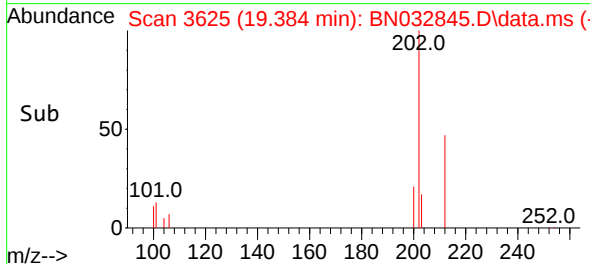
Instrument :
BNA_N
ClientSampleId :
A4BS9



Tgt Ion:202 Resp: 2388
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 12.0 9.6 14.4

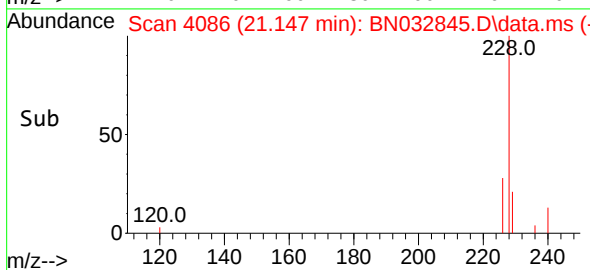
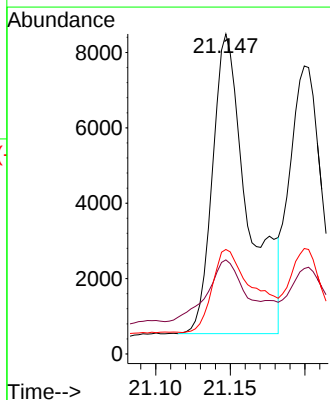
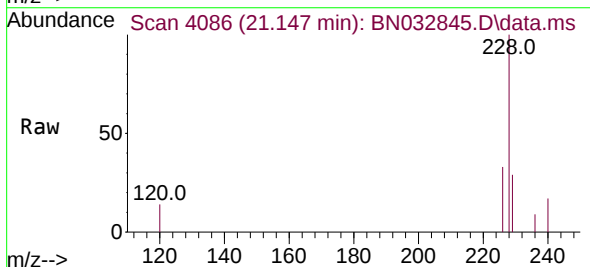
Manual Integrations
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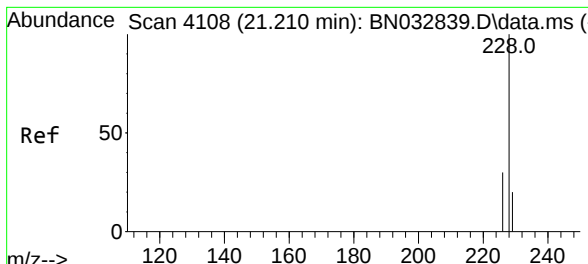
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

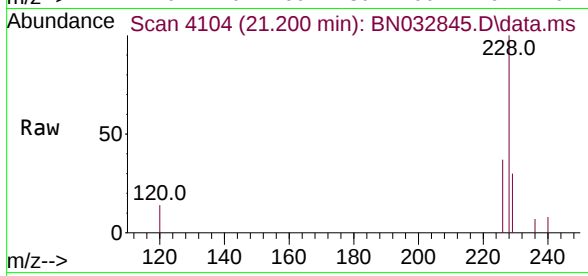
Tgt Ion:228 Resp: 13070
Ion Ratio Lower Upper
228 100
229 29.4 16.1 24.1#
226 32.7 21.9 32.9





#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.200 min Scan# 4108
Delta R.T. -0.012 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

Instrument :
BNA_N
ClientSampleId :
A4BS9

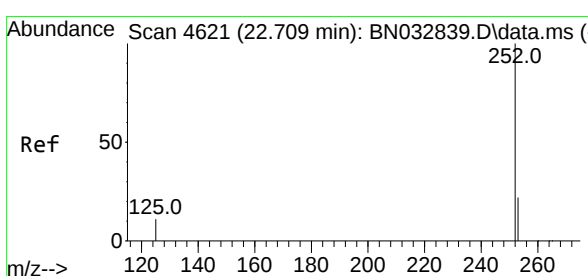
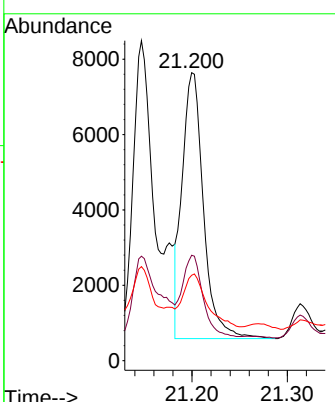
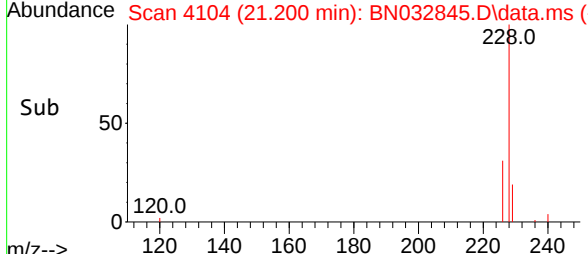


Tgt Ion:228 Resp: 10970

Ion	Ratio	Lower	Upper
228	100		
226	36.6	24.0	36.0
229	29.7	15.8	23.6

Manual Integrations
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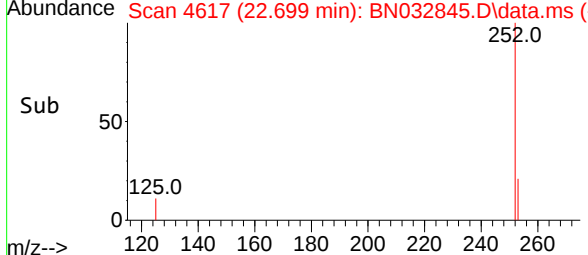
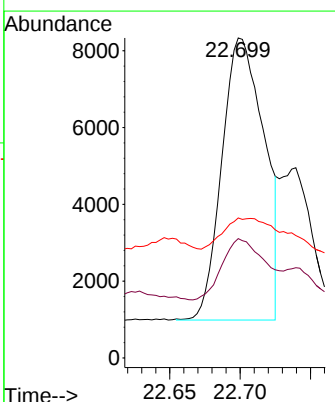
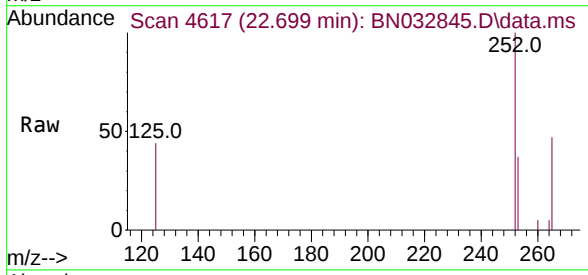
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

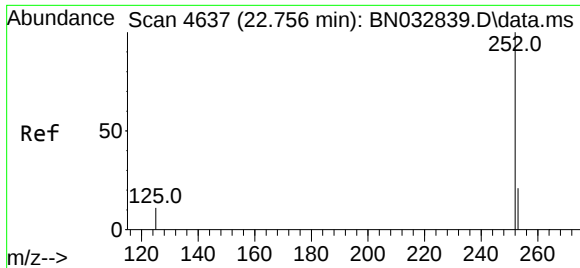


#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.012 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

Tgt Ion:252 Resp: 15342

Ion	Ratio	Lower	Upper
252	100		
253	37.3	0.0	54.0
125	43.7	0.0	36.0





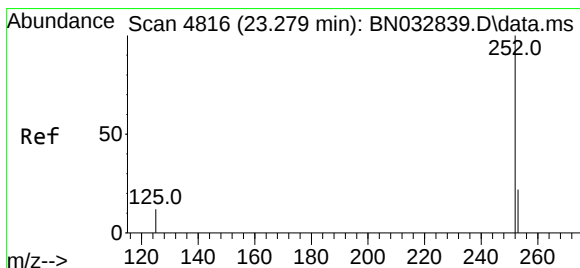
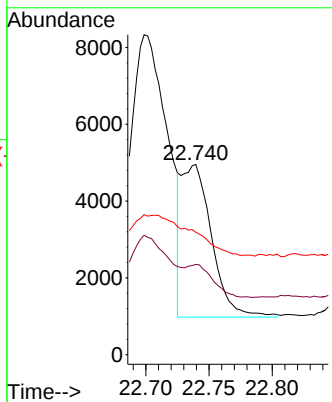
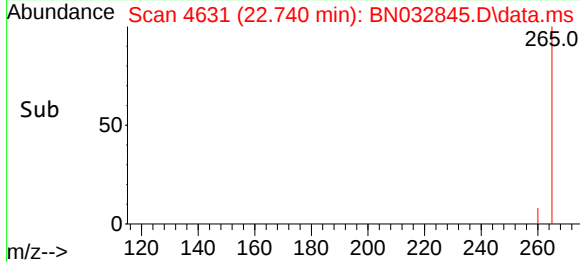
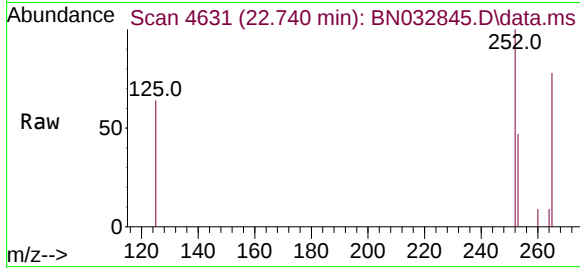
#25
Benzo(k)fluoranthene
Concen: 0.147 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.015 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

Instrument :
BNA_N
ClientSampleId :
A4BS9

Tgt Ion:	252	Resp:	6604
Ion Ratio	Lower	Upper	
252	100		
253	47.4	21.2	31.8
125	64.3	14.8	22.2

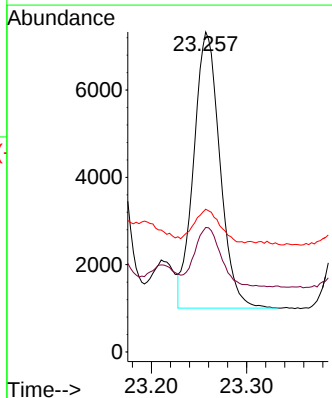
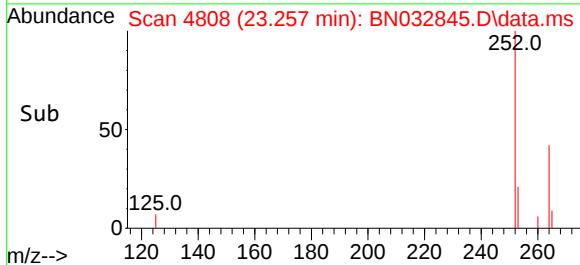
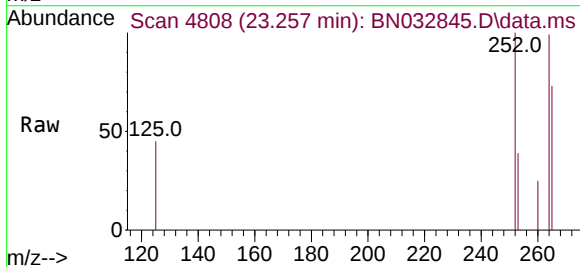
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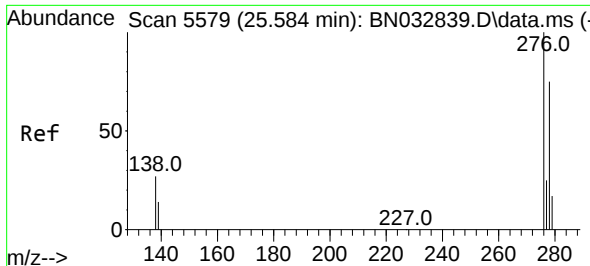
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.021 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

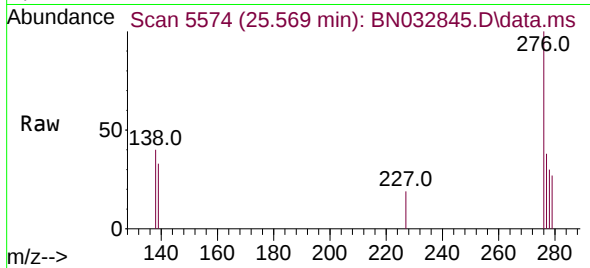
Tgt Ion:	252	Resp:	12097
Ion Ratio	Lower	Upper	
252	100		
253	38.9	25.4	38.0
125	44.6	20.6	30.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.014 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36

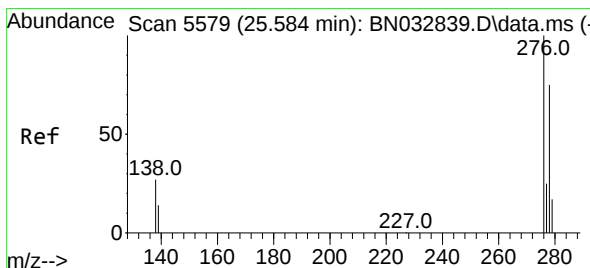
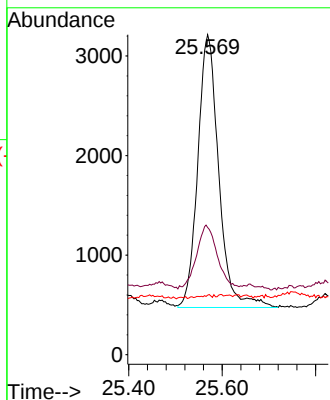
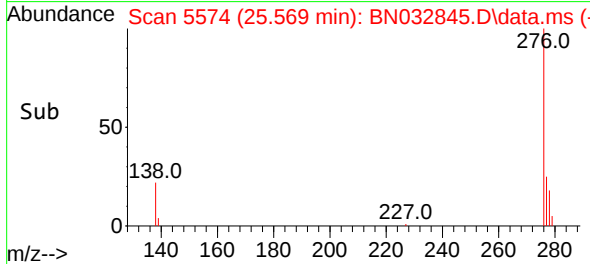
Instrument :
BNA_N
ClientSampleId :
A4BS9



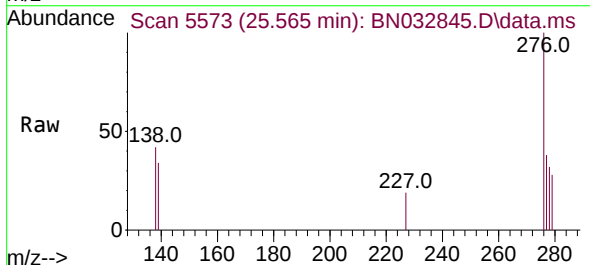
Tgt Ion:276 Resp: 8538
Ion Ratio Lower Upper
276 100
138 24.1 21.6 32.4
227 0.2 0.0 0.0

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APPROVED

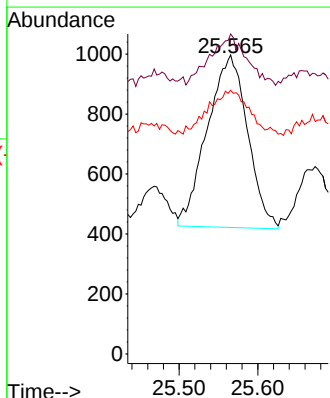
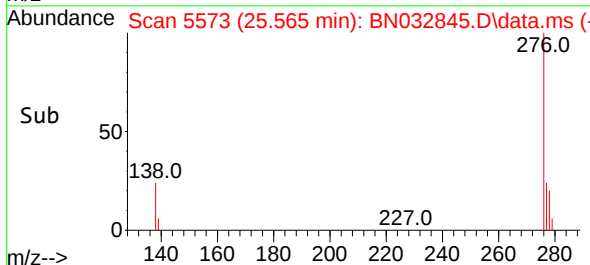
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

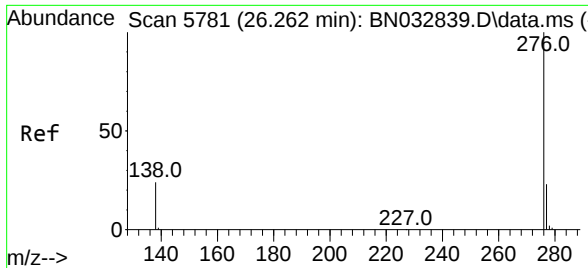


#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.565 min Scan# 5573
Delta R.T. -0.024 min
Lab File: BN032845.D
Acq: 19 Jul 2024 17:36



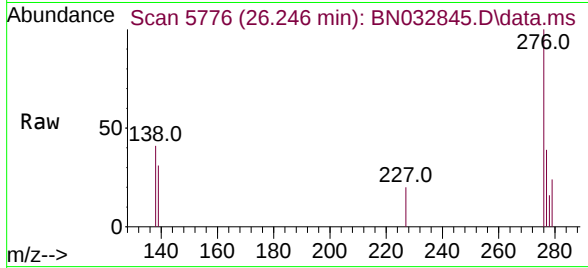
Tgt Ion:278 Resp: 2045
Ion Ratio Lower Upper
278 100
139 107.0 16.6 24.8#
279 88.2 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.254 ng/ul
 RT: 26.246 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN032845.D
 Acq: 19 Jul 2024 17:36

Instrument :
 BNA_N
 ClientSampleId :
 A4BS9



Tgt Ion:276 Resp: 914
 Ion Ratio Lower Upper
 276 100
 138 40.8 21.0 31.4
 277 38.8 20.6 31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

