

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026587.D
 Acq On : 19 Jul 2023 05:41
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 06:36:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	3626	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.726	136	11052	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.566	164	8979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	30948	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.539	240	29582	0.400	ng/ul	# 0.02
23) Perylene-d12	23.979	264	51846	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	7970	1.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	4908	0.327	ng/ul	-0.02
18) Fluoranthene-d10	19.397	212	11340	0.111	ng/ul	0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	113264	3.732	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	86989	5.052	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	51813	2.809	ng/ul	99
10) Acenaphthylene	14.289	152	37707	0.858	ng/ul#	91
11) Acenaphthene	14.631	153	1732859	51.730	ng/ul	97
12) Fluorene	15.626	166	4263208	121.311	ng/ul	96
14) Pentachlorophenol	16.993	266	190	0.024	ng/ul	90
15) Phenanthrene	17.377	178	24926009	252.893	ng/ul	93
16) Anthracene	17.474	178	12035701	140.715	ng/ul	97
19) Fluoranthene	19.397	202	25091264	180.953	ng/ul#	96
20) Pyrene	19.759	202	8051799	53.469	ng/ul	100
21) Benzo(a)anthracene	21.518	228	16437742	151.209	ng/ul#	94
22) Chrysene	21.579	228	11529791	93.175	ng/ul#	92
24) Benzo(b)fluoranthene	23.240	252	11416905	56.523	ng/ul	81
25) Benzo(k)fluoranthene	23.281	252	4475705	21.141	ng/ul#	83
26) Benzo(a)pyrene	23.857	252	964096	5.362	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.511	276	1137281	4.825	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.515	278	1532471	8.473	ng/ul#	84
29) Benzo(g,h,i)perylene	27.293	276	27425	0.132	ng/ul#	46

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

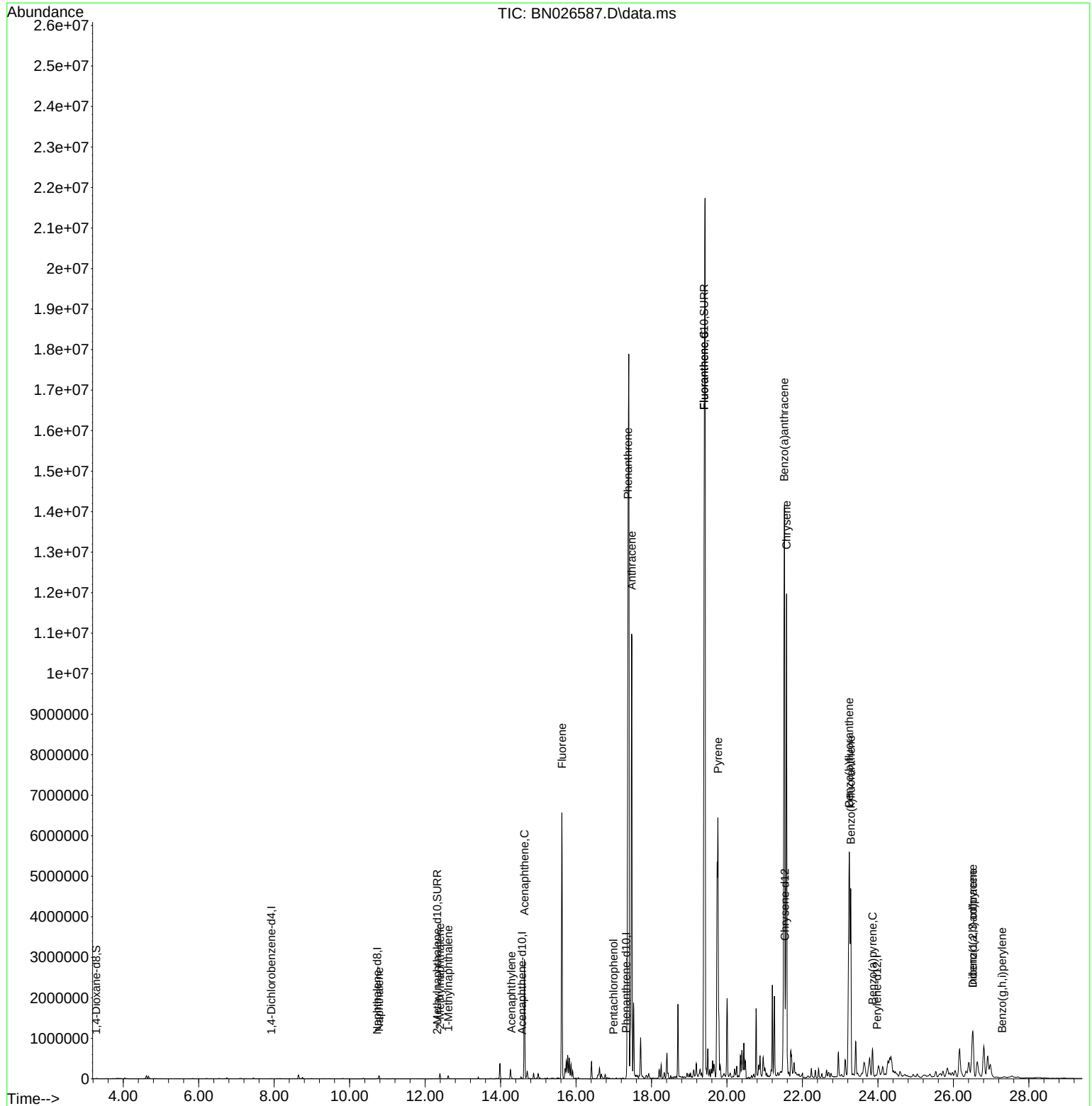
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026587.D
Acq On : 19 Jul 2023 05:41
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

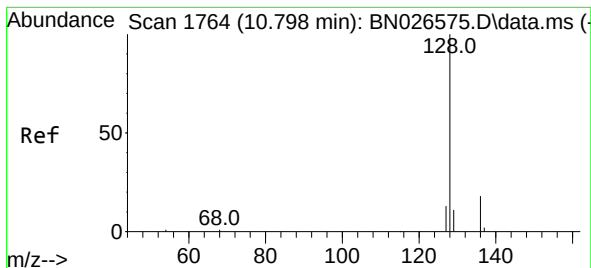
Instrument :
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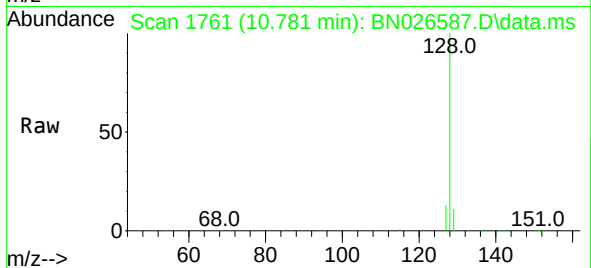
Quant Time: Jul 19 06:36:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 3.732 ng/ul
RT: 10.781 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

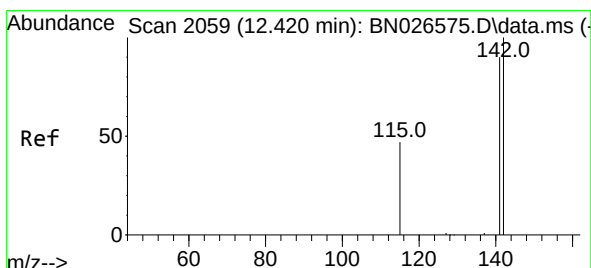
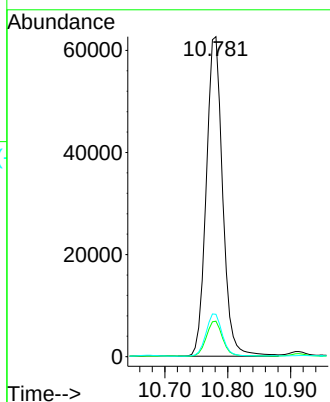
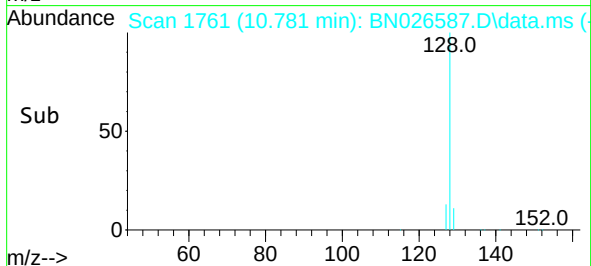
Instrument :
BNA_N
ClientSampleId :
A46W5



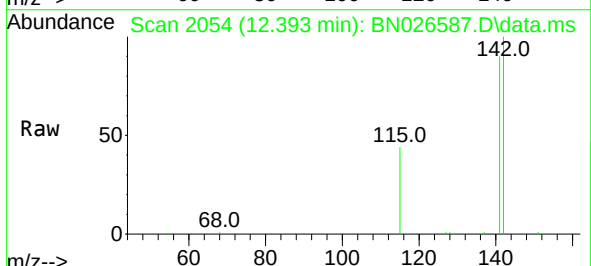
Tgt Ion:128 Resp: 113264
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.2 11.4 17.0

Manual Integrations
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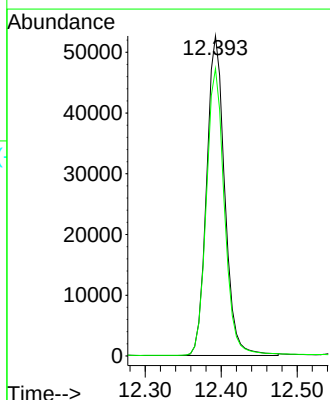
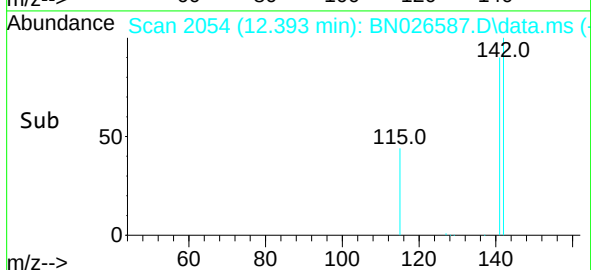
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

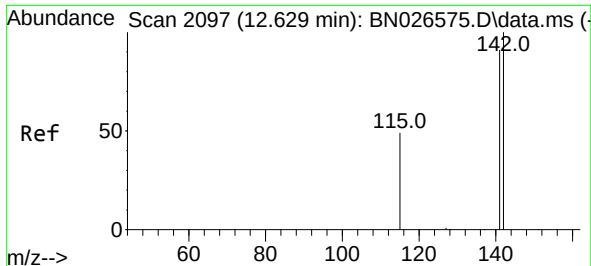


#7
2-Methylnaphthalene
Concen: 5.052 ng/ul
RT: 12.393 min Scan# 2054
Delta R.T. -0.027 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41



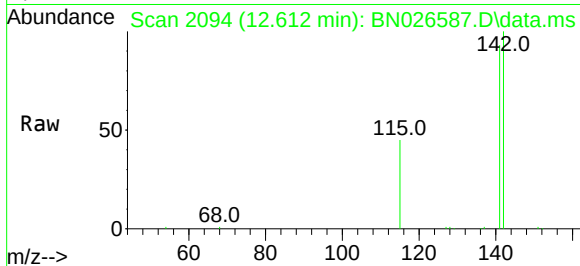
Tgt Ion:142 Resp: 86989
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5





#8
1-Methylnaphthalene
Concen: 2.809 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. -0.016 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

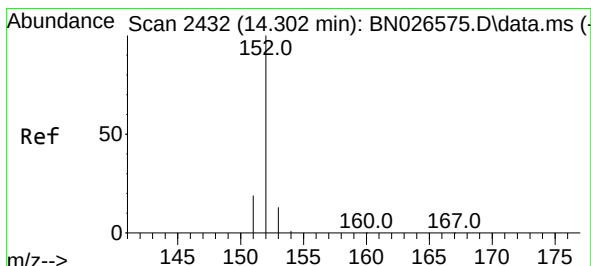
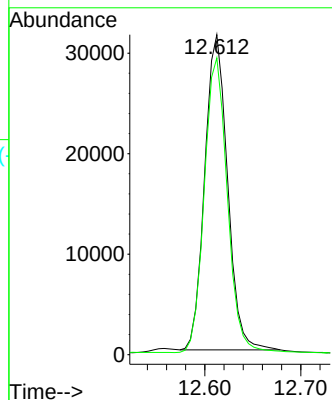
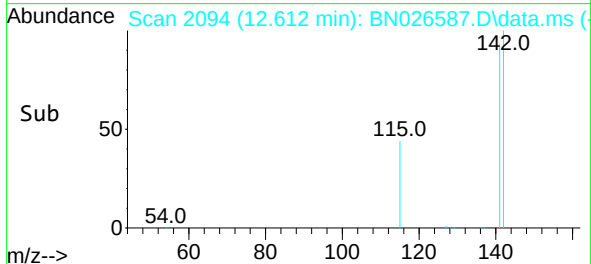
Instrument :
BNA_N
ClientSampleId :
A46W5



Tgt Ion:142 Resp: 5181
Ion Ratio Lower Upper
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141 94.3 74.5 111.7

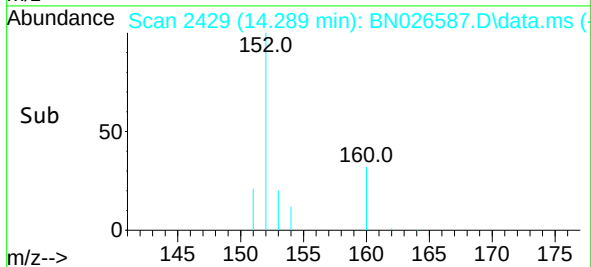
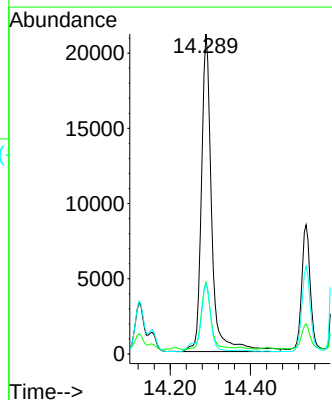
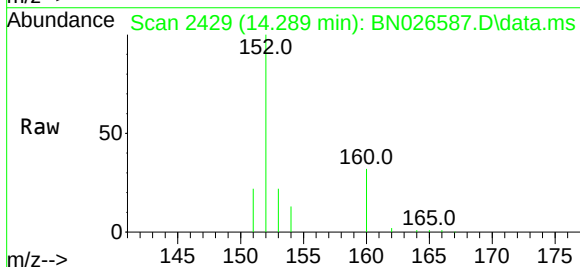
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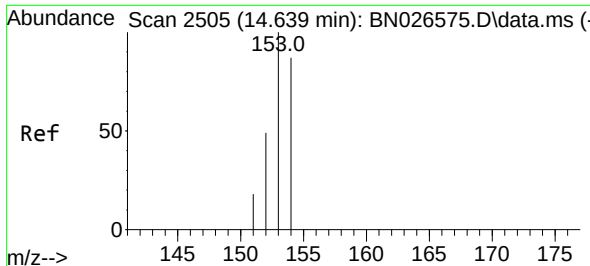
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.858 ng/ul
RT: 14.289 min Scan# 2429
Delta R.T. -0.013 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

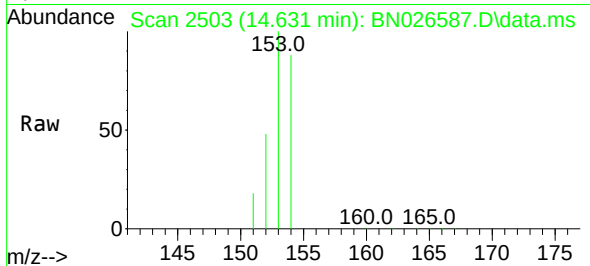
Tgt Ion:152 Resp: 37707
Ion Ratio Lower Upper
152 100
151 22.4 17.0 25.6
153 21.9 11.4 17.2#





#11
Acenaphthene
Concen: 51.730 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

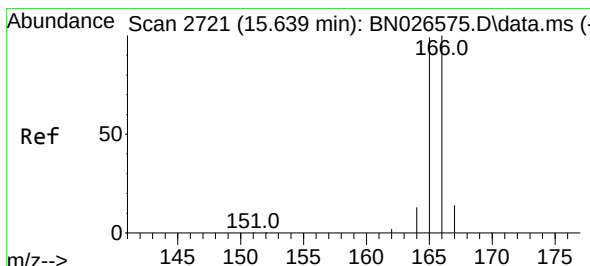
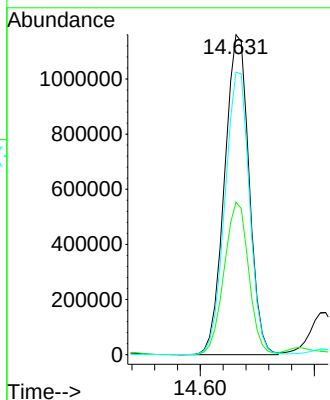
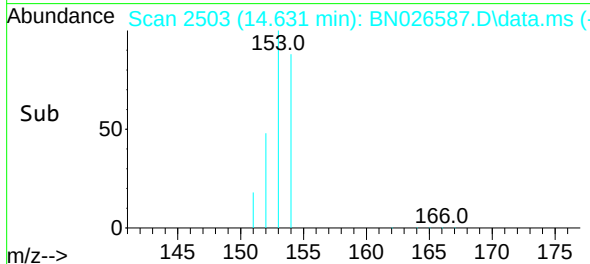
Instrument :
BNA_N
ClientSampleId :
A46W5



Tgt Ion:153 Resp: 1732859
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 88.3 69.3 103.9

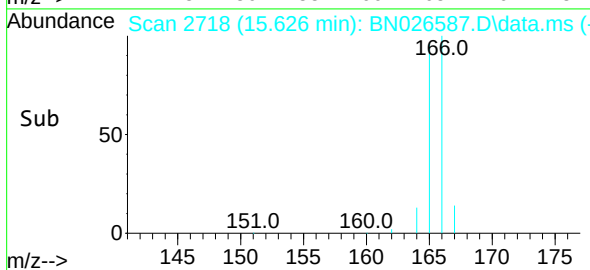
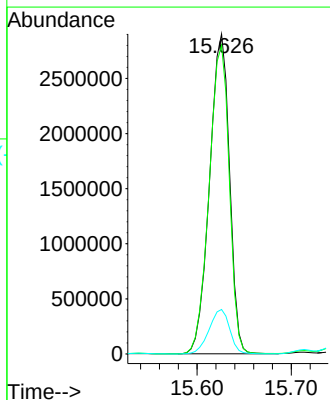
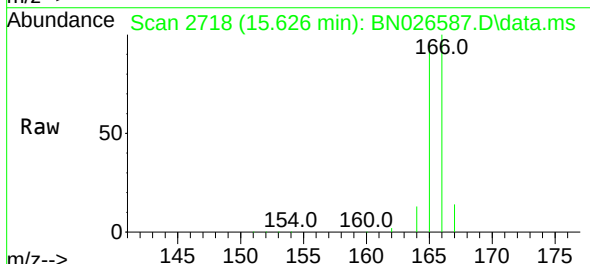
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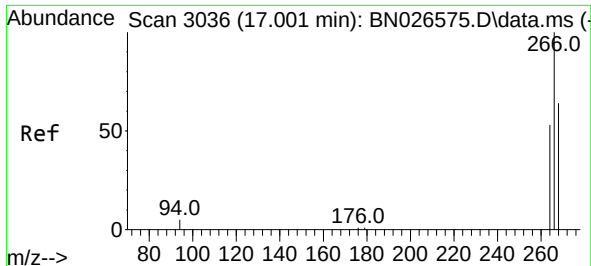
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 121.311 ng/ul
RT: 15.626 min Scan# 2718
Delta R.T. -0.013 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

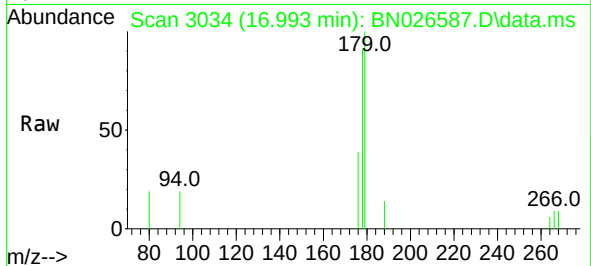
Tgt Ion:166 Resp: 4263208
Ion Ratio Lower Upper
166 100
165 96.4 80.6 120.8
167 13.9 12.0 18.0





#14
Pentachlorophenol
Concen: 0.024 ng/u1
RT: 16.993 min Scan# 3036
Delta R.T. -0.007 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

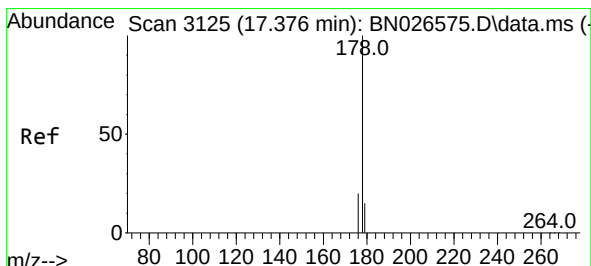
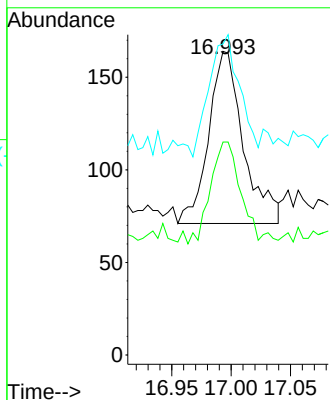
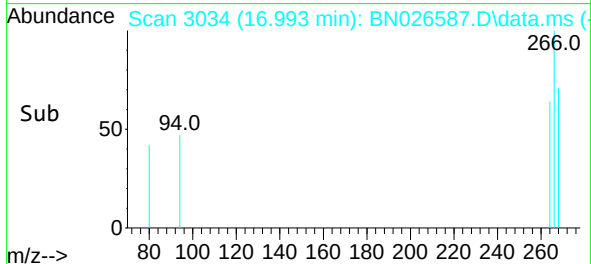
Instrument :
BNA_N
ClientSampleId :
A46W5



Tgt Ion:266 Resp: 190
Ion Ratio Lower Upper
266 100
264 52.6 52.0 78.0
268 62.1 53.0 79.6

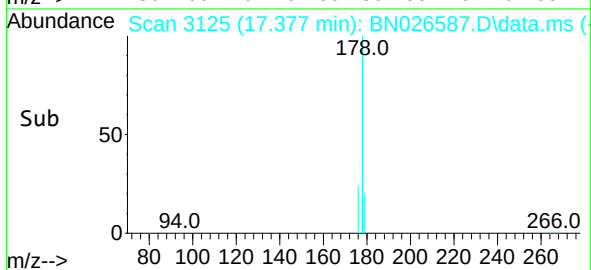
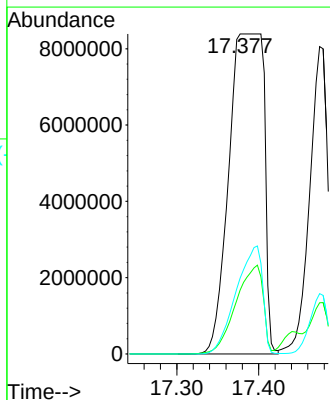
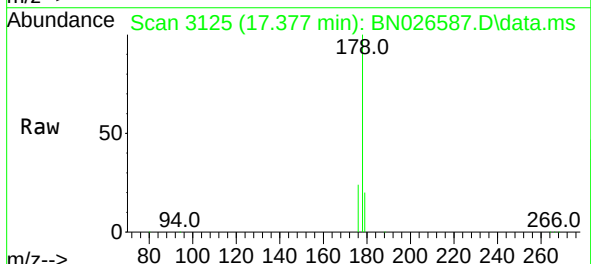
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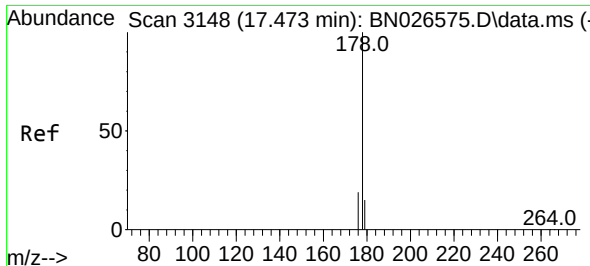
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#15
Phenanthrene
Concen: 252.893 ng/u1
RT: 17.377 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

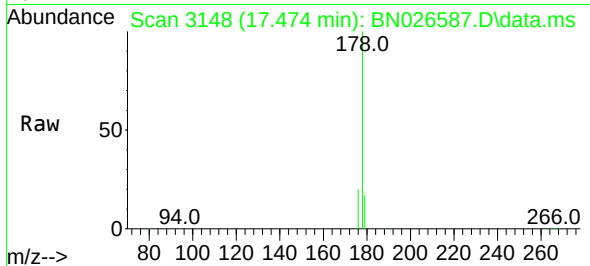
Tgt Ion:178 Resp:24926009
Ion Ratio Lower Upper
178 100
179 20.0 13.7 20.5
176 23.7 16.5 24.7





#16
 Anthracene
 Concen: 140.715 ng/ul
 RT: 17.474 min Scan# 3148
 Delta R.T. 0.001 min
 Lab File: BN026587.D
 Acq: 19 Jul 2023 05:41

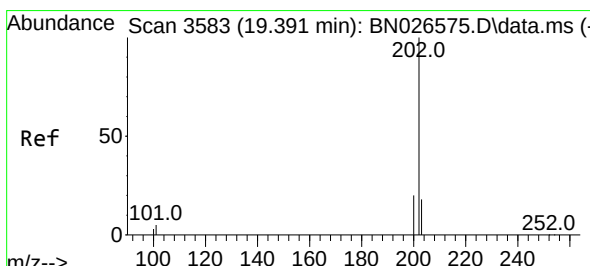
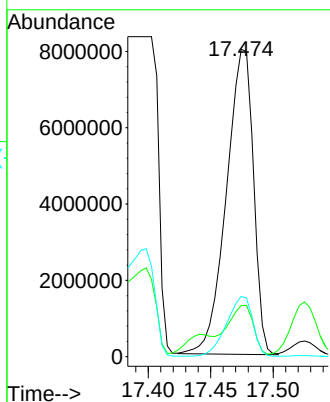
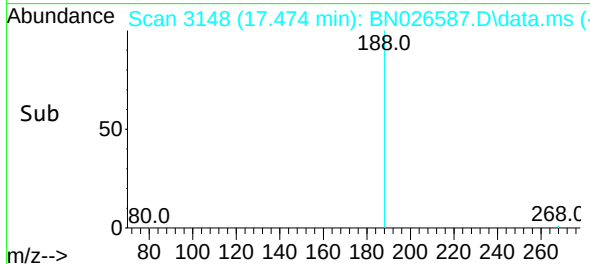
Instrument :
 BNA_N
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 A46W5



Tgt Ion:178 Resp:1203570
 Ion Ratio Lower Upper
 178 100
 179 16.7 14.8 22.2
 176 19.6 16.6 25.0

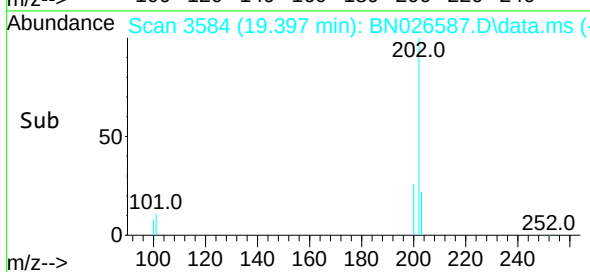
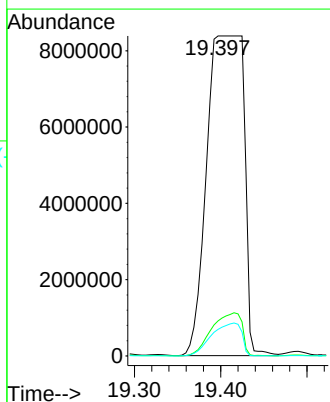
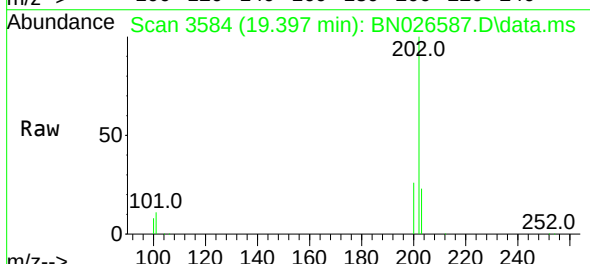
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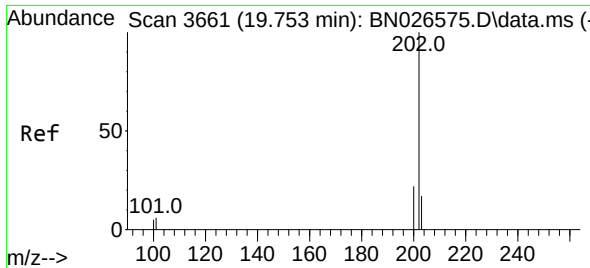
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#19
 Fluoranthene
 Concen: 180.953 ng/ul
 RT: 19.397 min Scan# 3584
 Delta R.T. 0.006 min
 Lab File: BN026587.D
 Acq: 19 Jul 2023 05:41

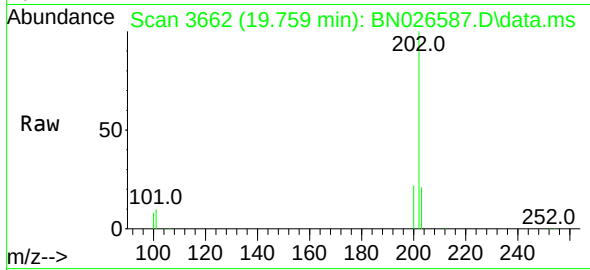
Tgt Ion:202 Resp:25091264
 Ion Ratio Lower Upper
 202 100
 101 10.9 7.0 10.4#
 100 8.3 6.0 9.0





#20
Pyrene
Concen: 53.469 ng/ul
RT: 19.759 min Scan# 30
Delta R.T. 0.006 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

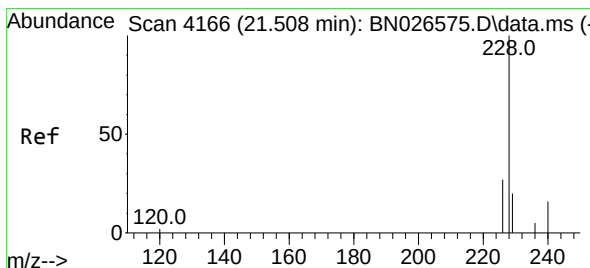
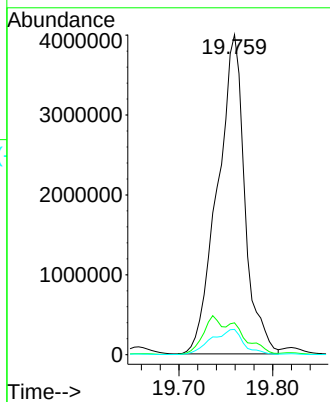
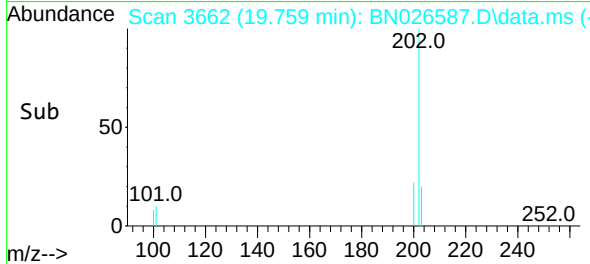
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 8051799
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 7.9 6.2 9.2

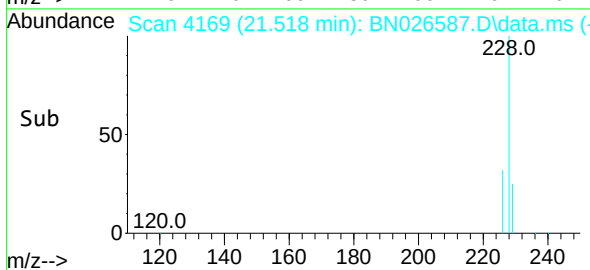
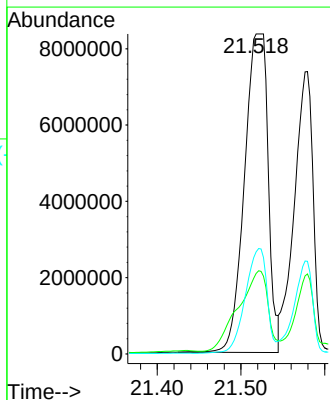
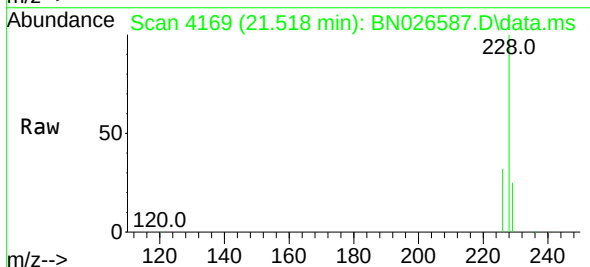
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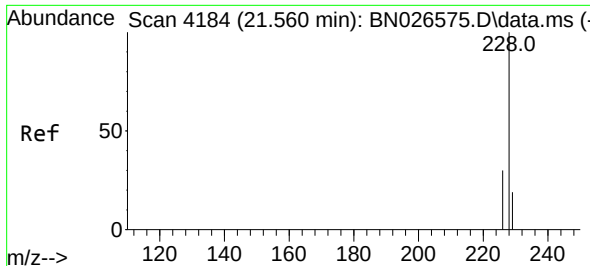
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#21
Benzo(a)anthracene
Concen: 151.209 ng/ul
RT: 21.518 min Scan# 4169
Delta R.T. 0.010 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

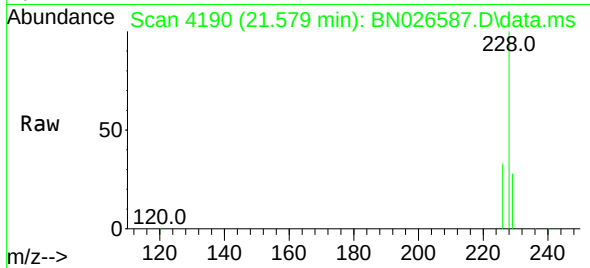
Tgt Ion:228 Resp:16437742
Ion Ratio Lower Upper
228 100
229 25.2 16.7 25.1#
226 31.9 23.5 35.3





#22
Chrysene
Concen: 93.175 ng/u1
RT: 21.579 min Scan# 4184
Delta R.T. 0.019 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

Instrument :
BNA_N
ClientSampleId :
A46W5

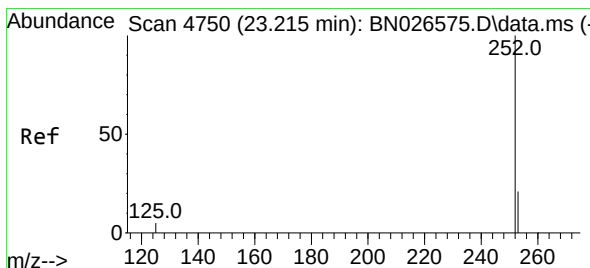
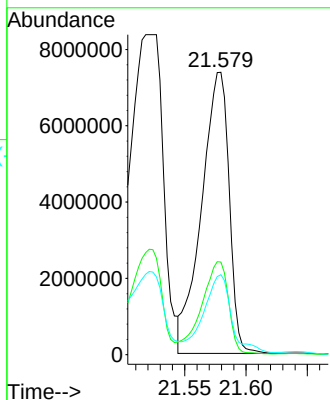
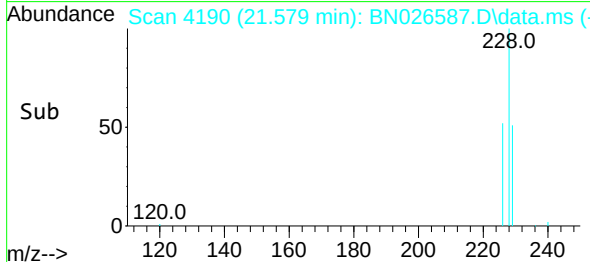


Tgt Ion:228 Resp:1152979

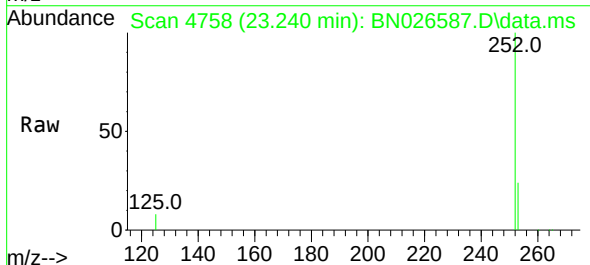
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.2	37.8
229	28.3	16.4	24.6

Manual Integrations
APPROVED

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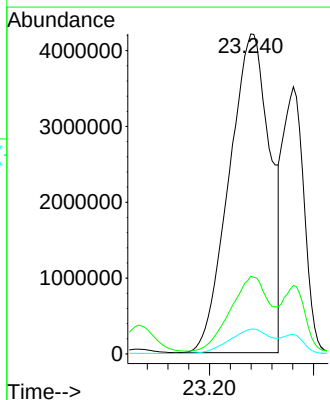
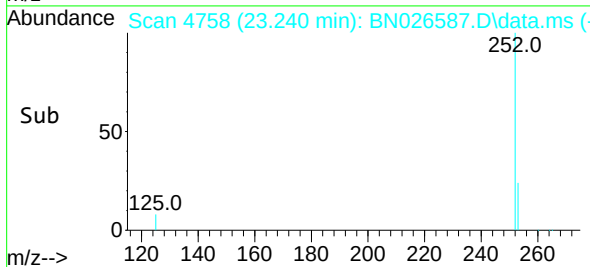


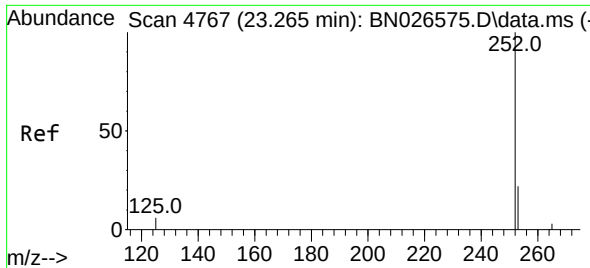
#24
Benzo(b)fluoranthene
Concen: 56.523 ng/u1
RT: 23.240 min Scan# 4758
Delta R.T. 0.025 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41



Tgt Ion:252 Resp:11416905

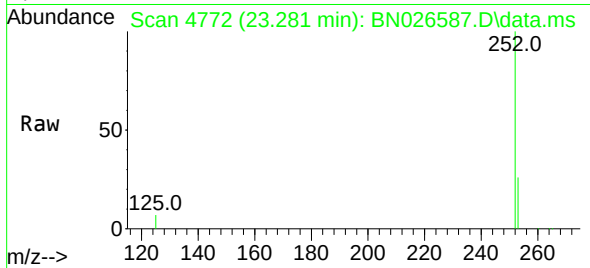
Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	68.6
125	7.8	0.0	34.0





#25
Benzo(k)fluoranthene
Concen: 21.141 ng/ul
RT: 23.281 min Scan# 4772
Delta R.T. 0.016 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

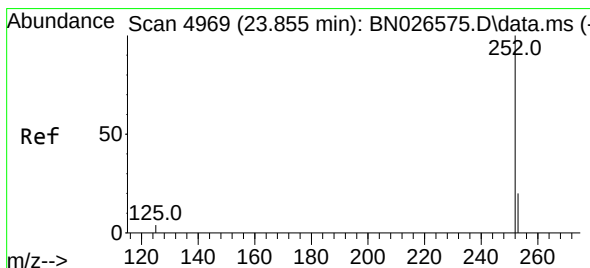
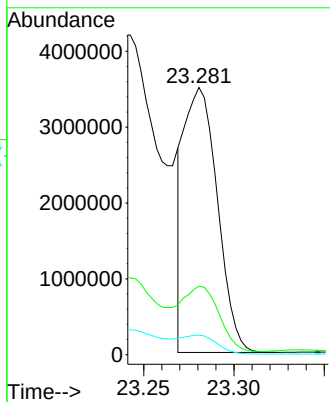
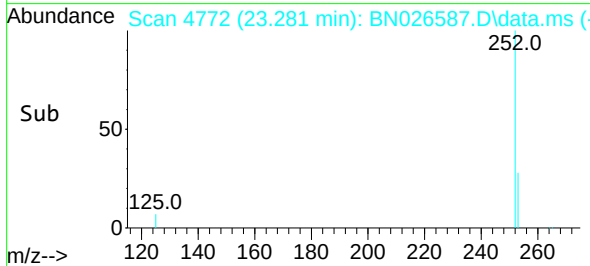
Instrument :
BNA_N
ClientSampleId :
A46W5



Tgt Ion:252 Resp: 4475709
Ion Ratio Lower Upper
252 100
253 25.6 27.2 40.8
125 7.3 13.4 20.2

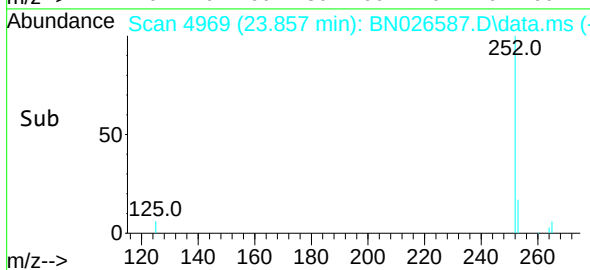
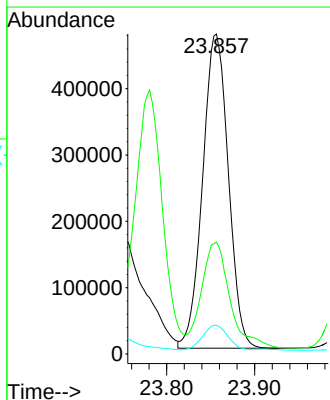
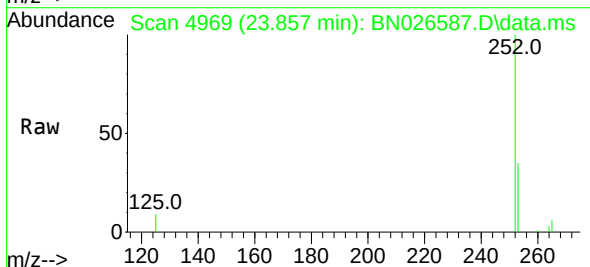
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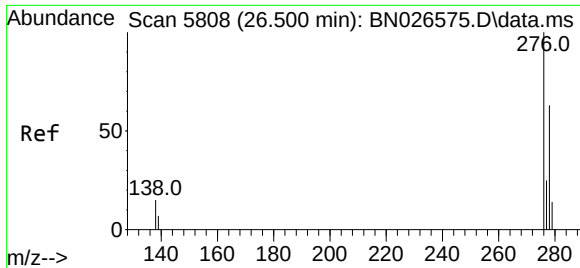
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#26
Benzo(a)pyrene
Concen: 5.362 ng/ul
RT: 23.857 min Scan# 4969
Delta R.T. 0.001 min
Lab File: BN026587.D
Acq: 19 Jul 2023 05:41

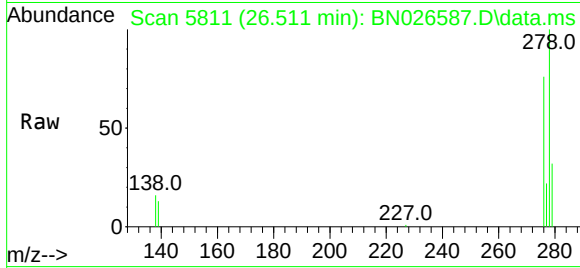
Tgt Ion:252 Resp: 964096
Ion Ratio Lower Upper
252 100
253 34.9 32.6 49.0
125 9.0 19.3 28.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.825 ng/ul
 RT: 26.511 min Scan# 5811
 Delta R.T. 0.012 min
 Lab File: BN026587.D
 Acq: 19 Jul 2023 05:41

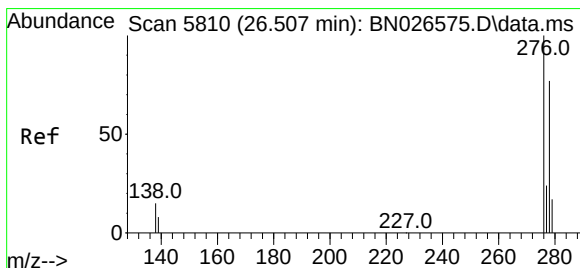
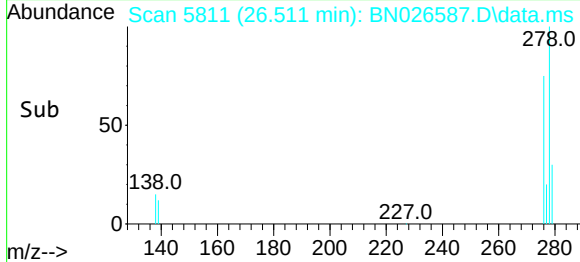
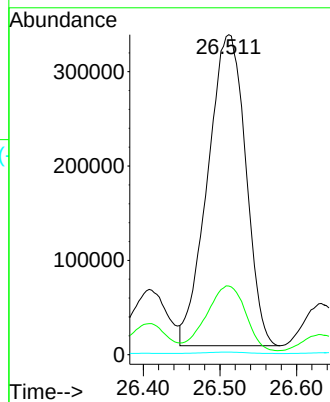
Instrument :
 BNA_N
 ClientSampleId :
 A46W5



Tgt Ion:276 Resp: 113728
 Ion Ratio Lower Upper
 276 100
 138 21.3 22.2 33.4
 227 0.5 0.1 0.1

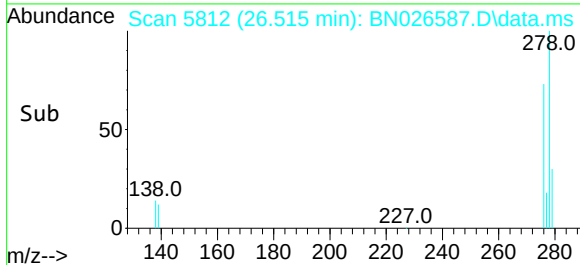
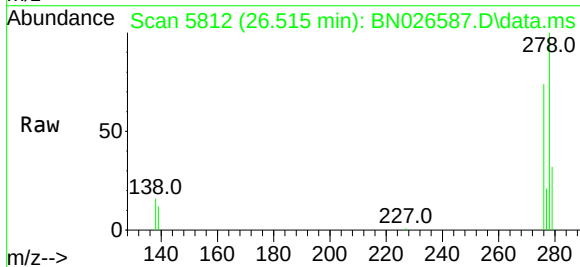
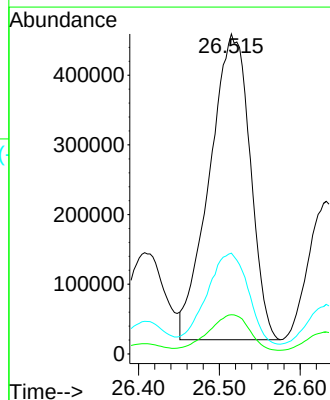
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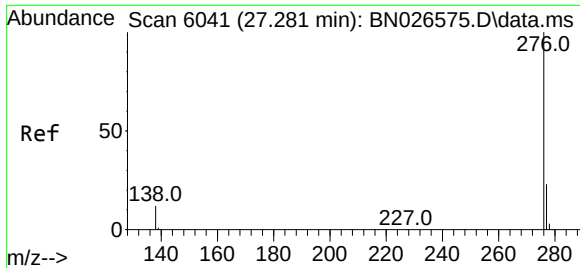
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 8.473 ng/ul
 RT: 26.515 min Scan# 5812
 Delta R.T. 0.008 min
 Lab File: BN026587.D
 Acq: 19 Jul 2023 05:41

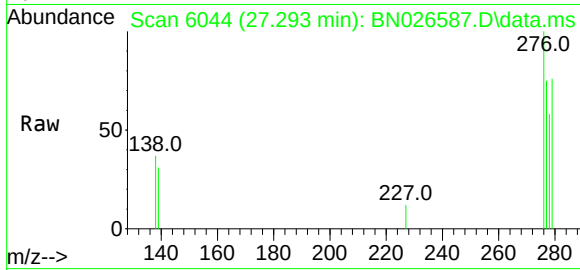
Tgt Ion:278 Resp: 1532471
 Ion Ratio Lower Upper
 278 100
 139 12.2 18.9 28.3
 279 31.5 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.132 ng/ul
 RT: 27.293 min Scan# 6044
 Delta R.T. 0.012 min
 Lab File: BN026587.D
 Acq: 19 Jul 2023 05:41

Instrument :
 BNA_N
 ClientSampleId :
 A46W5



Tgt Ion: 276 Resp: 27425
 Ion Ratio Lower Upper
 276 100
 138 37.0 22.6 34.0
 277 75.4 21.8 32.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

