

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026570.D
 Acq On : 18 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M5

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 00:18:16 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 00:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2692	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.736	136	8254	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	5200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	11834	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	10599	0.400	ng/ul	# 0.00
23) Perylene-d12	23.960	264	8600	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3720	1.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	1041	0.093	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212	3173	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.785	128	3126	0.138	ng/ul#	95
7) 2-Methylnaphthalene	12.408	142	298	0.023	ng/ul	93
11) Acenaphthene	14.639	153	587	0.030	ng/ul	96
15) Phenanthrene	17.368	178	3846	0.102	ng/ul	96
19) Fluoranthene	19.390	202	14969	0.301	ng/ul	97
20) Pyrene	19.748	202	20034	0.371	ng/ul	97
21) Benzo(a)anthracene	21.508	228	3123m	0.080	ng/ul	
22) Chrysene	21.563	228	5985	0.135	ng/ul	97
24) Benzo(b)fluoranthene	23.226	252	5693m	0.170	ng/ul	
25) Benzo(k)fluoranthene	23.261	252	2634m	0.075	ng/ul	
26) Benzo(a)pyrene	23.852	252	2106	0.071	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.506	276	3889	0.099	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.506	278	601	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.288	276	1820	0.053	ng/ul#	82

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

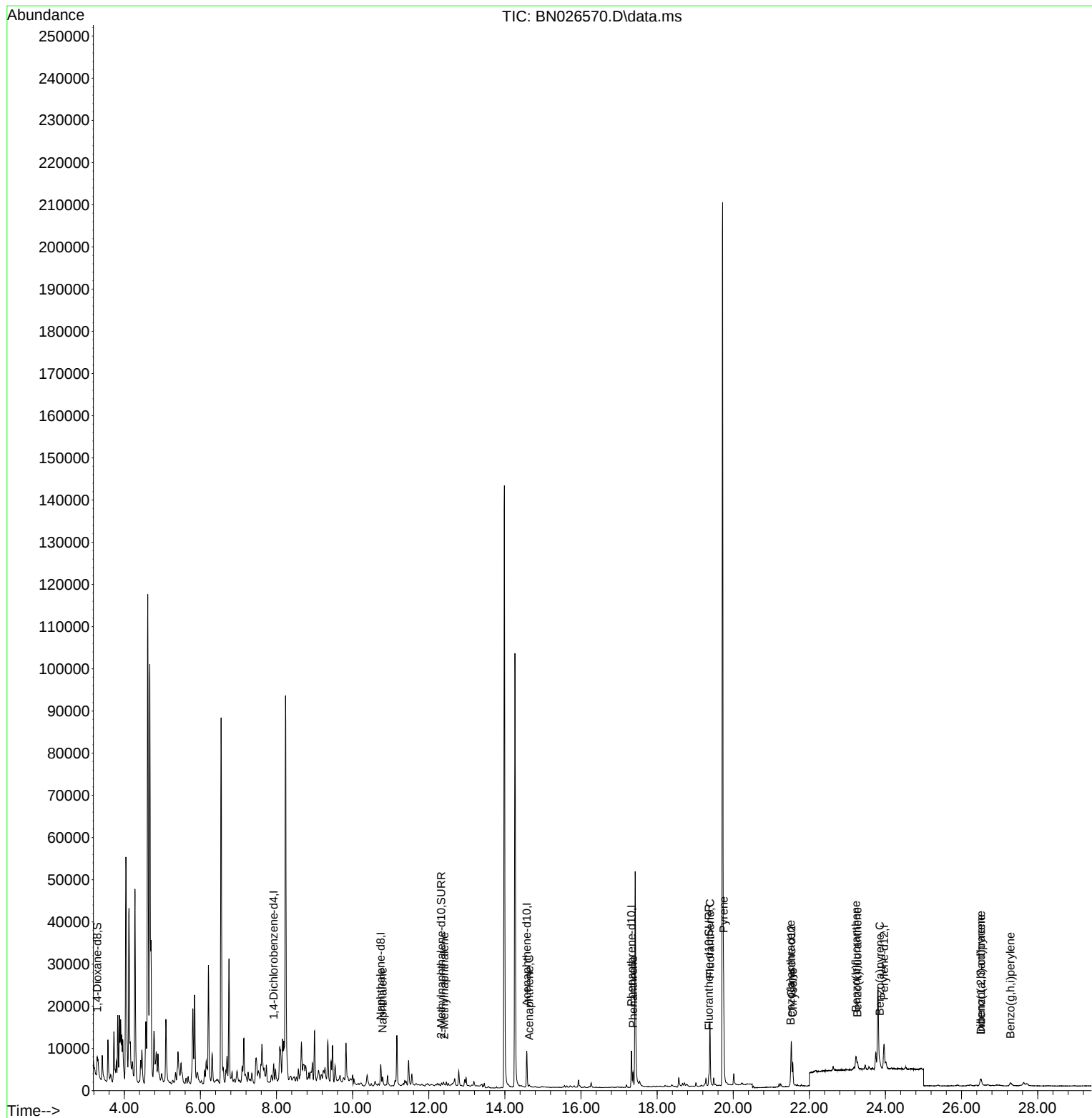
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026570.D
Acq On : 18 Jul 2023 18:37
Operator : MA/JU
Sample : 03458-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

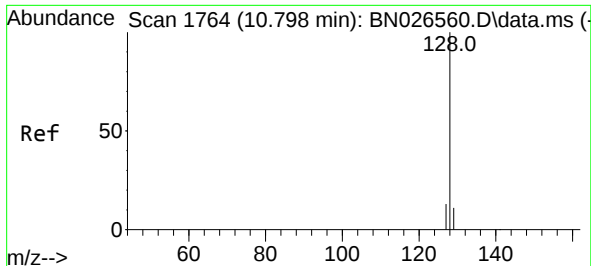
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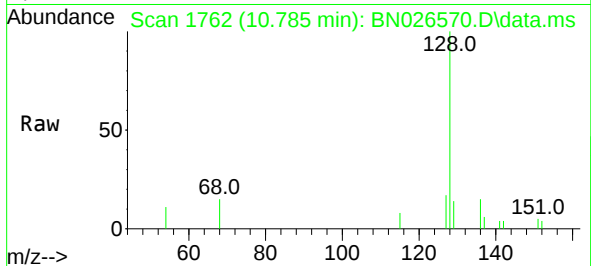
Quant Time: Jul 19 00:18:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

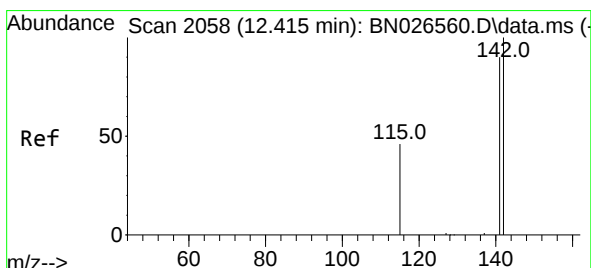
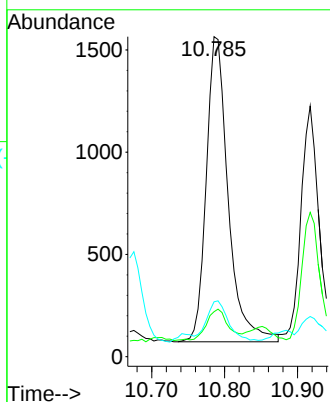
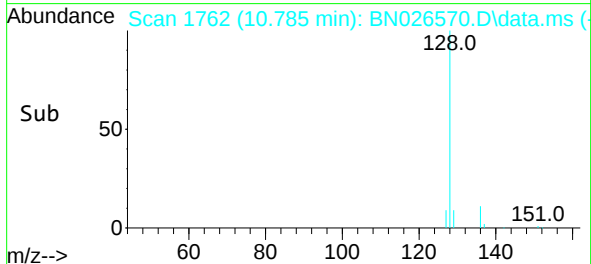
Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:128 Resp: 3120
Ion Ratio Lower Upper
128 100
129 14.1 10.2 15.2
127 17.1 11.4 17.0

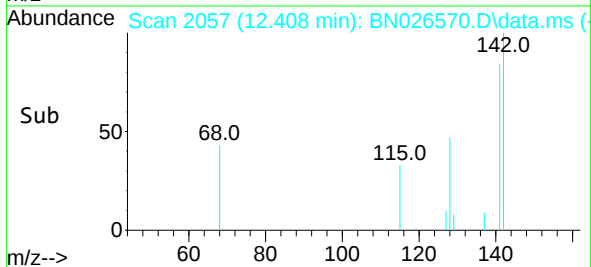
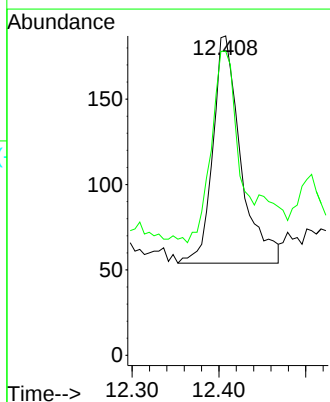
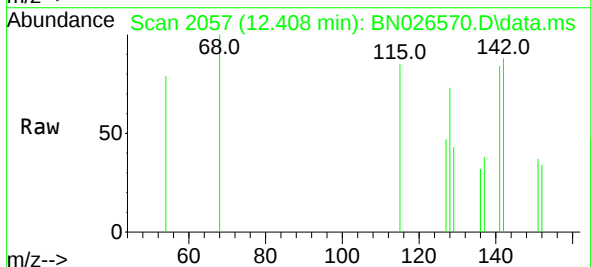
Manual Integrations
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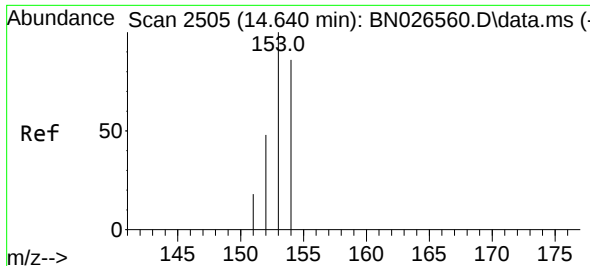
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

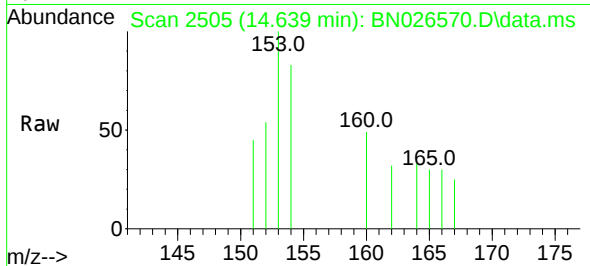
Tgt Ion:142 Resp: 298
Ion Ratio Lower Upper
142 100
141 97.3 72.3 108.5





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.639 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

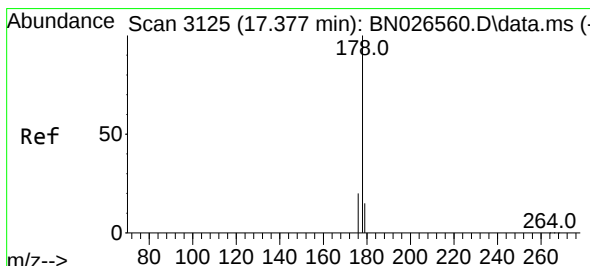
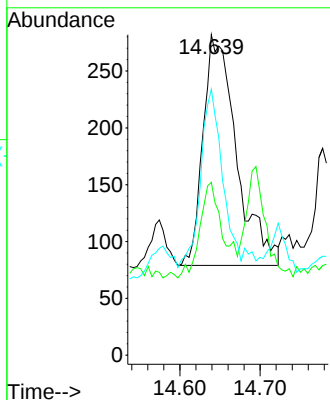
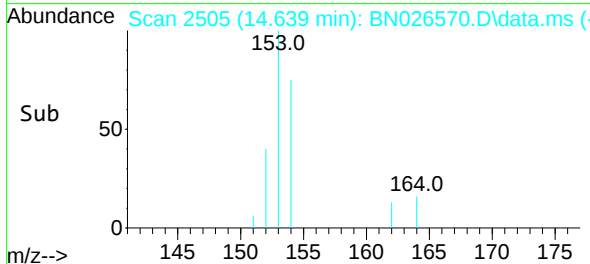
Instrument :
BNA_N
ClientSampleId :
A46M5



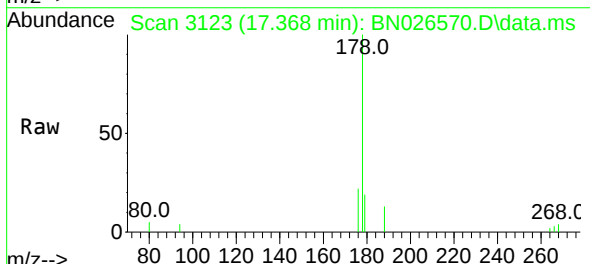
Tgt Ion:153 Resp: 58
Ion Ratio Lower Upper
153 100
152 53.9 40.2 60.4
154 83.0 69.3 103.9

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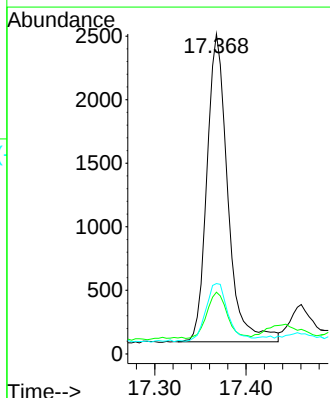
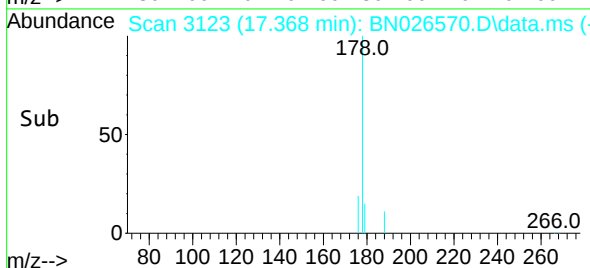
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

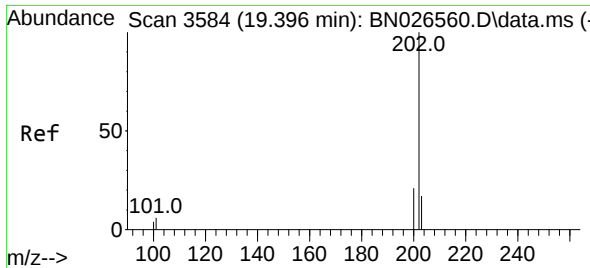


#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37



Tgt Ion:178 Resp: 3846
Ion Ratio Lower Upper
178 100
179 19.3 13.7 20.5
176 22.0 16.5 24.7





#19

Fluoranthene

Concen: 0.301 ng/ul

RT: 19.390 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN026570.D

Acq: 18 Jul 2023 18:37

Instrument :

BNA_N

ClientSampleId :

A46M5

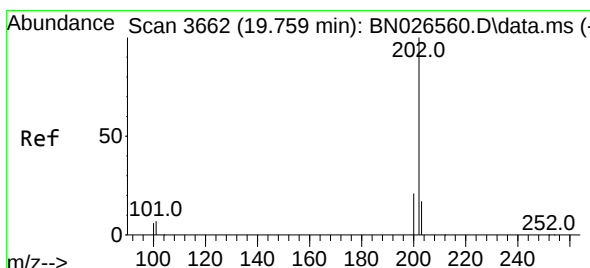
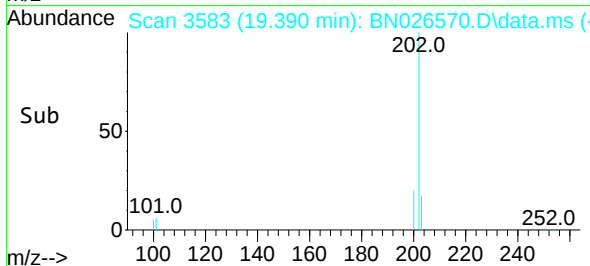
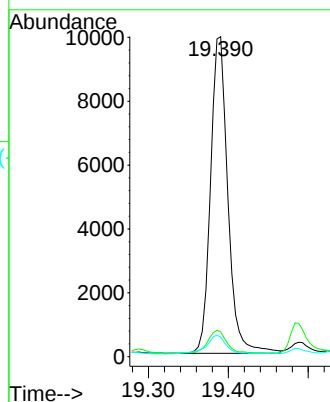
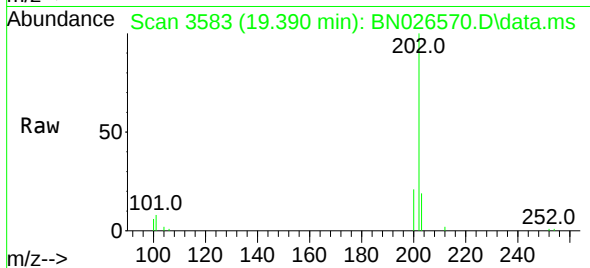
Tgt Ion:	202	Resp:	1496
Ion Ratio	Lower	Upper	
202	100		
101	7.8	7.0	10.4
100	6.1	6.0	9.0

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#20

Pyrene

Concen: 0.371 ng/ul

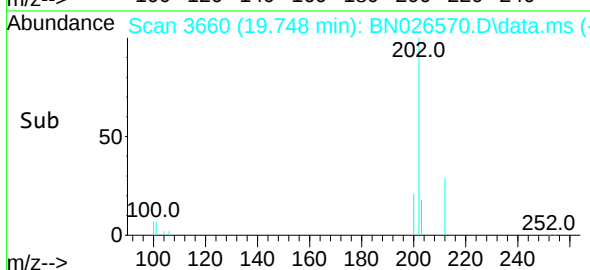
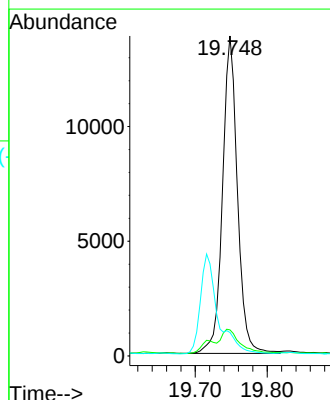
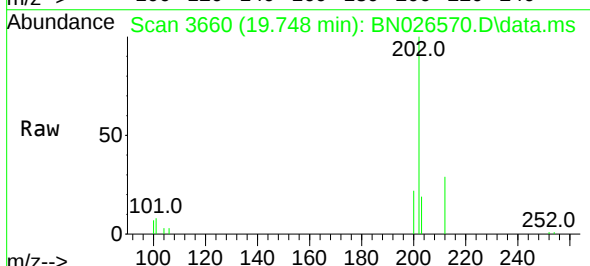
RT: 19.748 min Scan# 3660

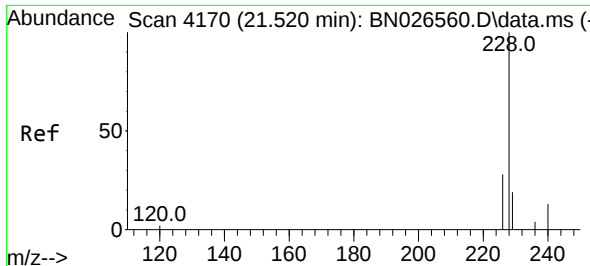
Delta R.T. -0.010 min

Lab File: BN026570.D

Acq: 18 Jul 2023 18:37

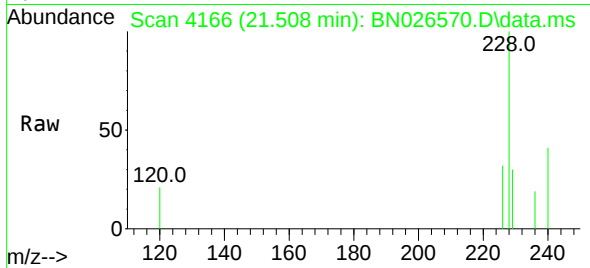
Tgt Ion:	202	Resp:	20034
Ion Ratio	Lower	Upper	
202	100		
101	8.1	8.0	12.0
100	7.3	6.2	9.2





#21
Benzo(a)anthracene
Concen: 0.080 ng/ul m
RT: 21.508 min Scan# 4166
Delta R.T. -0.013 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

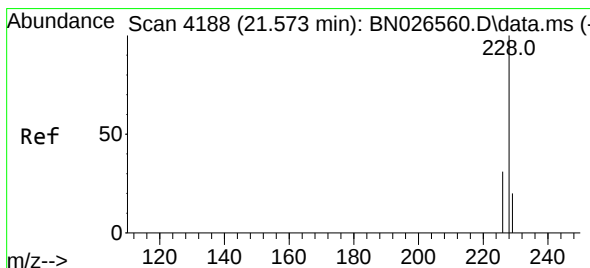
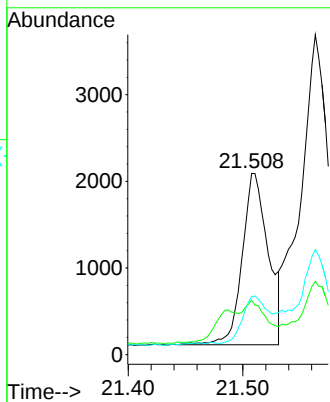
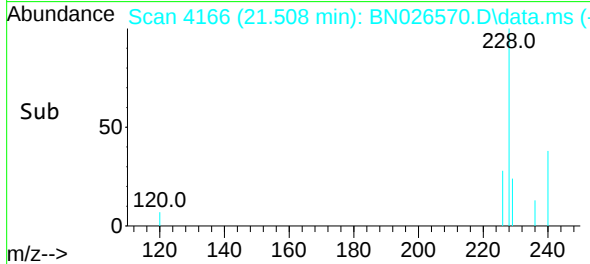
Instrument :
BNA_N
ClientSampleId :
A46M5



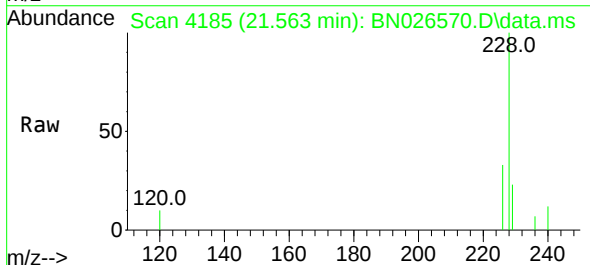
Tgt Ion:228 Resp: 312
Ion Ratio Lower Upper
228 100
229 30.0 16.7 25.1
226 32.0 23.5 35.3

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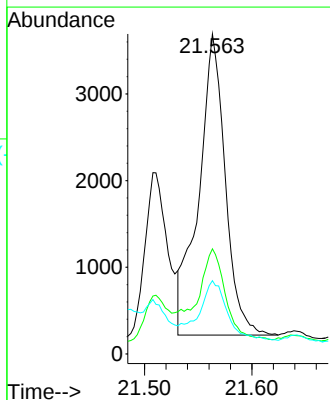
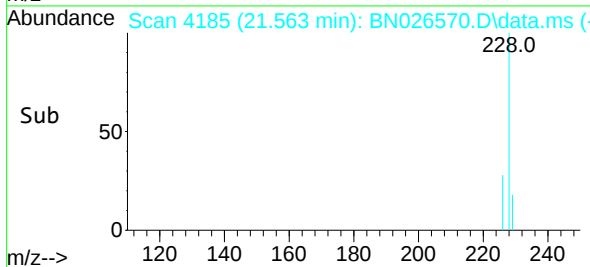
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

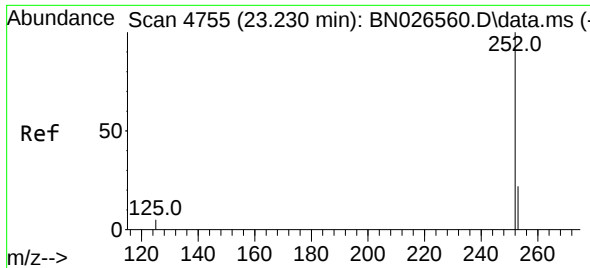


#22
Chrysene
Concen: 0.135 ng/ul
RT: 21.563 min Scan# 4185
Delta R.T. -0.010 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37



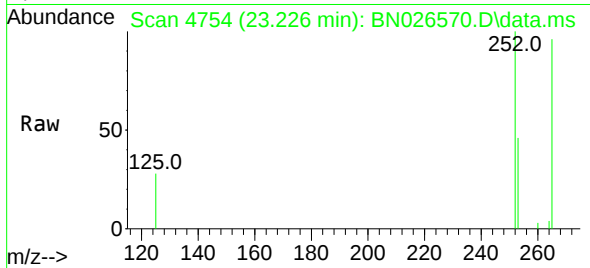
Tgt Ion:228 Resp: 5985
Ion Ratio Lower Upper
228 100
226 32.8 25.2 37.8
229 22.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.170 ng/ul m
RT: 23.226 min Scan# 4755
Delta R.T. -0.004 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

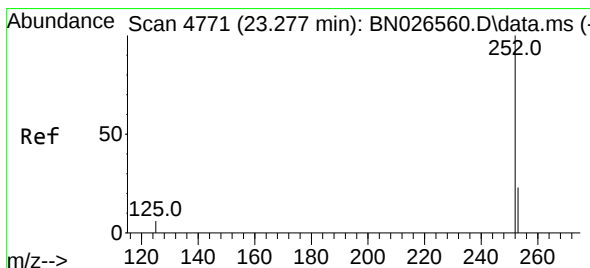
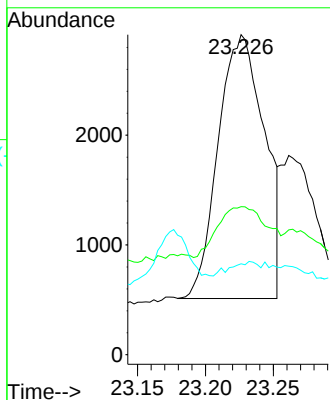
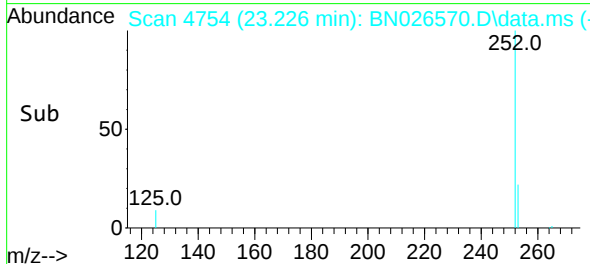
Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:252 Resp: 569
Ion Ratio Lower Upper
252 100
253 46.3 0.0 68.6
125 28.4 0.0 34.0

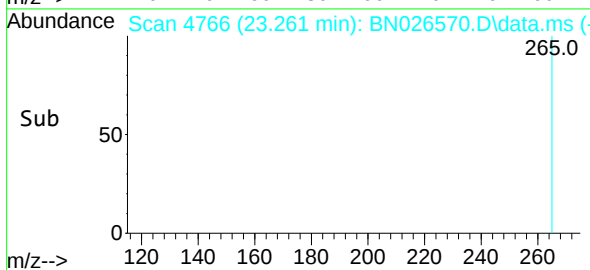
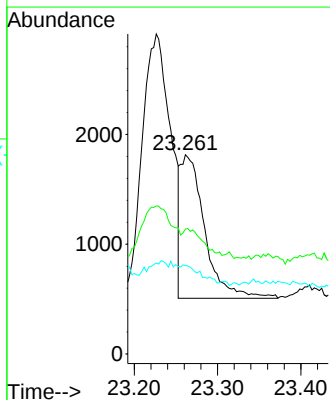
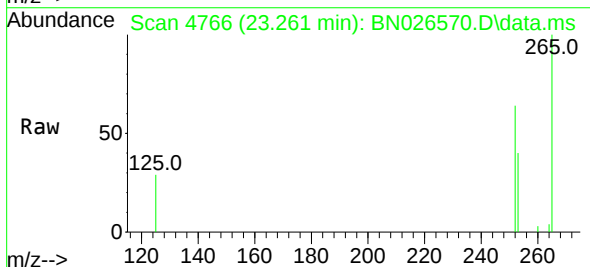
Manual Integrations
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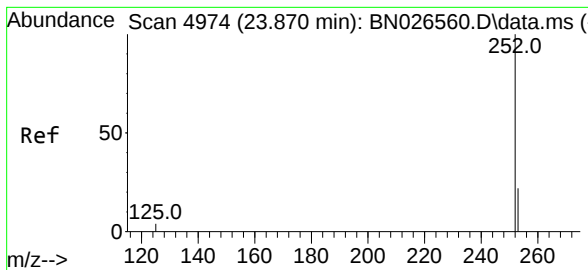
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 23.261 min Scan# 4766
Delta R.T. -0.016 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

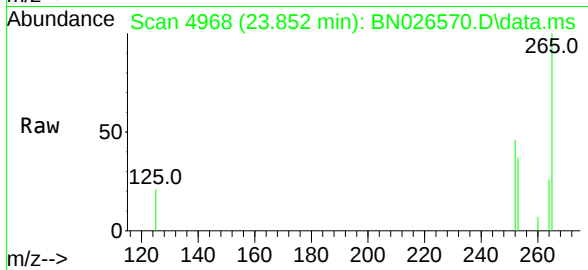
Tgt Ion:252 Resp: 2634
Ion Ratio Lower Upper
252 100
253 62.7 27.2 40.8#
125 44.4 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.852 min Scan# 4974
Delta R.T. -0.018 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

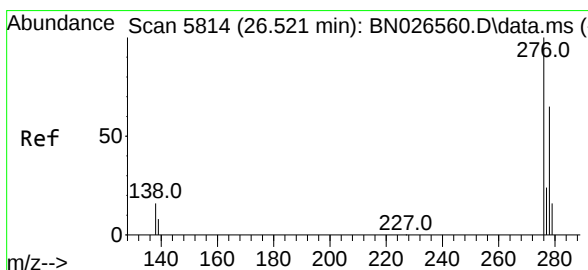
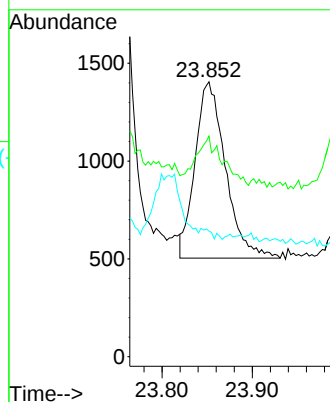
Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:252 Resp: 2100
Ion Ratio Lower Upper
252 100
253 80.3 32.6 49.0#
125 45.7 19.3 28.9#

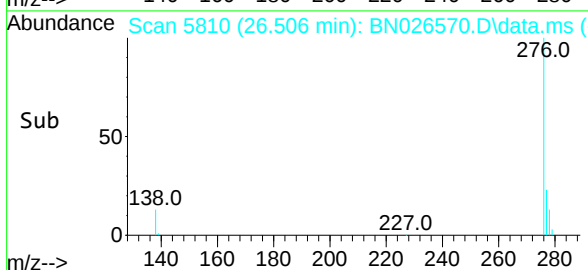
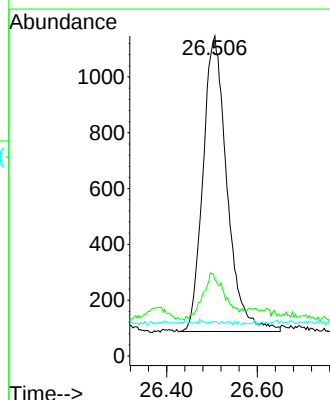
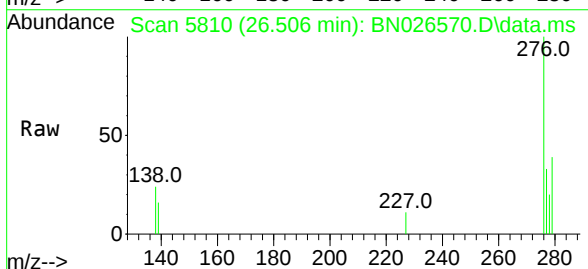
Manual Integrations
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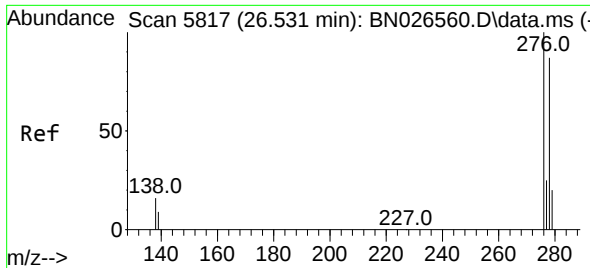
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 26.506 min Scan# 5810
Delta R.T. -0.014 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

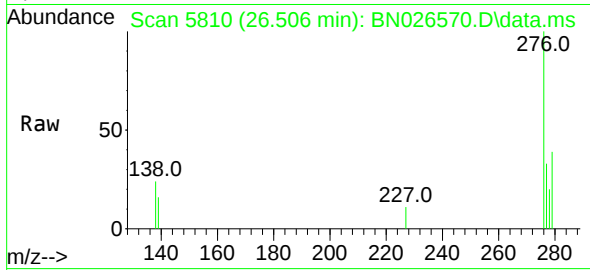
Tgt Ion:276 Resp: 3889
Ion Ratio Lower Upper
276 100
138 15.4 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 26.506 min Scan# 5810
Delta R.T. -0.024 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37

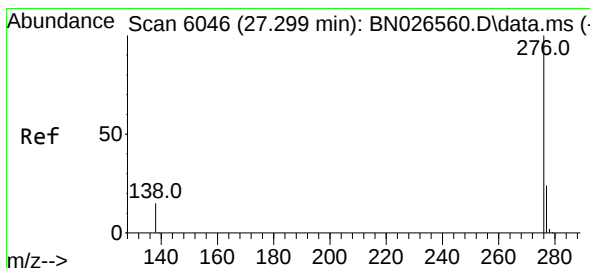
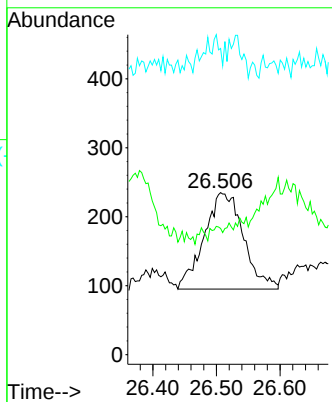
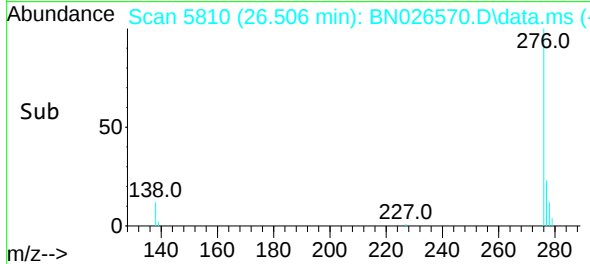
Instrument :
BNA_N
ClientSampleId :
A46M5



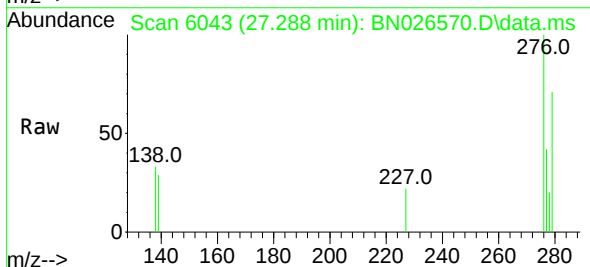
Tgt Ion:278 Resp: 60
Ion Ratio Lower Upper
278 100
139 77.9 18.9 28.3
279 188.9 31.3 46.9

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 27.288 min Scan# 6043
Delta R.T. -0.011 min
Lab File: BN026570.D
Acq: 18 Jul 2023 18:37



Tgt Ion:276 Resp: 1820
Ion Ratio Lower Upper
276 100
138 32.6 22.6 34.0
277 41.9 21.8 32.8

