

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026567.D
 Acq On : 18 Jul 2023 16:45
 Operator : MA/JU
 Sample : 03458-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M2

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 00:17:40 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	2783	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.737	136	8574	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	5595	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	12883	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	12095	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	10007	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	5979	1.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1592	0.137	ng/ul	-0.01
18) Fluoranthene-d10	19.359	212	4578	0.109	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	2797	0.119	ng/ul#	91
15) Phenanthrene	17.368	178	1398	0.034	ng/ul#	80
19) Fluoranthene	19.387	202	5998	0.106	ng/ul#	94
20) Pyrene	19.749	202	4353m	0.071	ng/ul	
21) Benzo(a)anthracene	21.511	228	2825	0.064	ng/ul#	87
22) Chrysene	21.567	228	2704	0.053	ng/ul#	89
24) Benzo(b)fluoranthene	23.227	252	4019m	0.103	ng/ul	
25) Benzo(k)fluoranthene	23.271	252	1163m	0.028	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.511	276	1042	0.023	ng/ul#	47

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

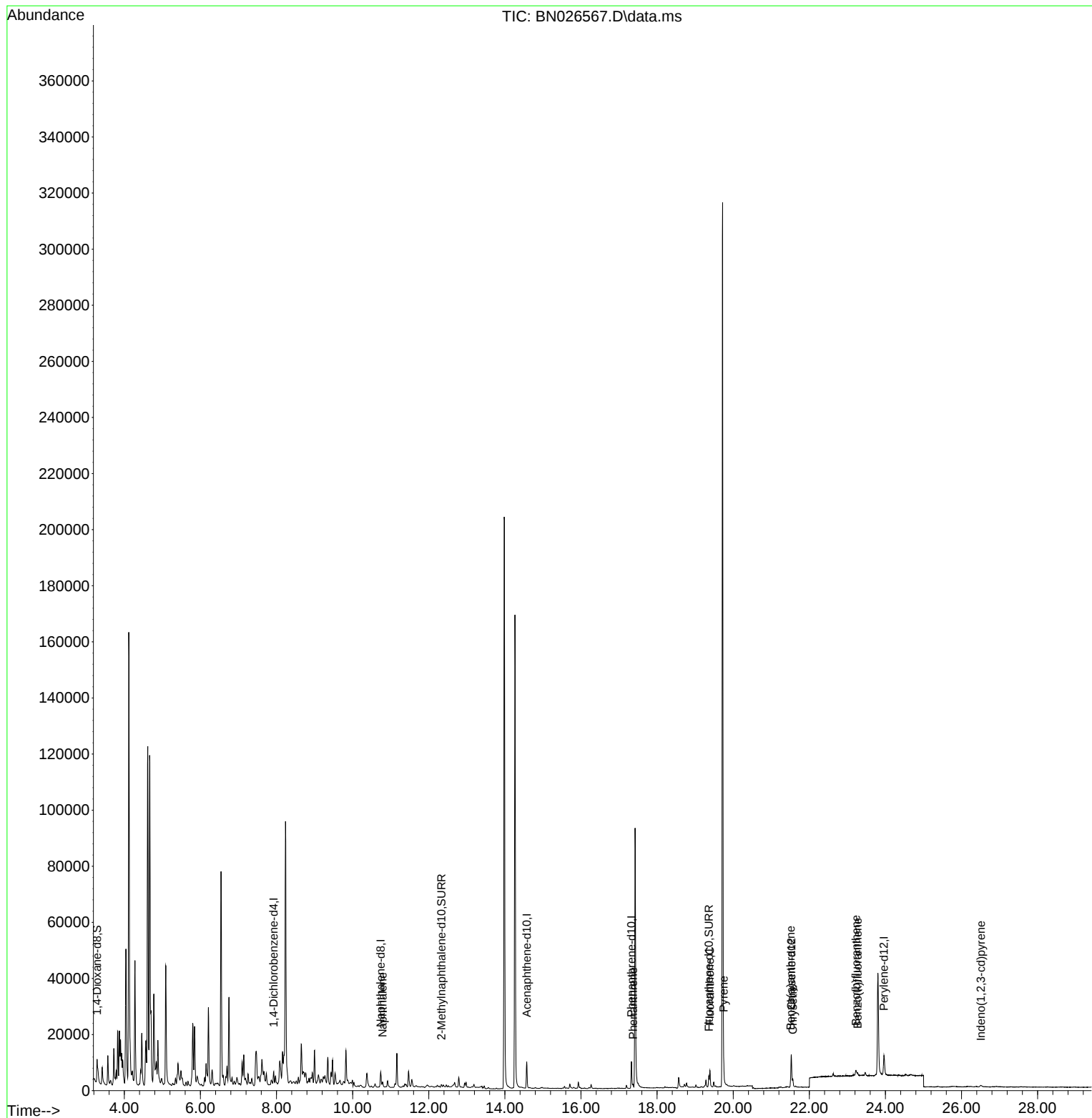
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026567.D
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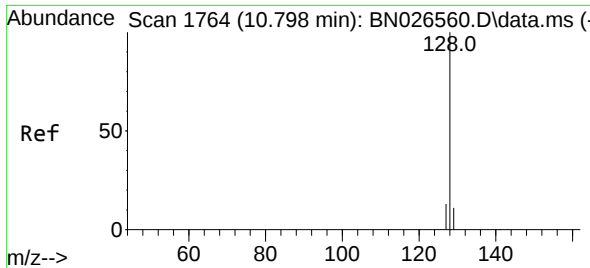
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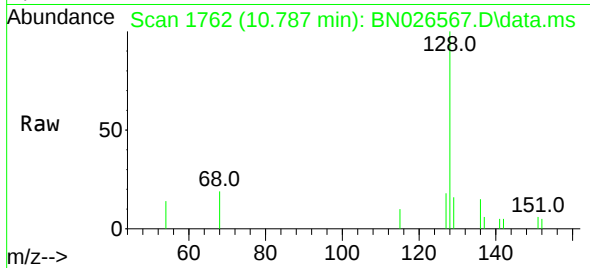
Quant Time: Jul 19 00:17:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
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#5
Naphthalene
Concen: 0.119 ng/ul
RT: 10.787 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

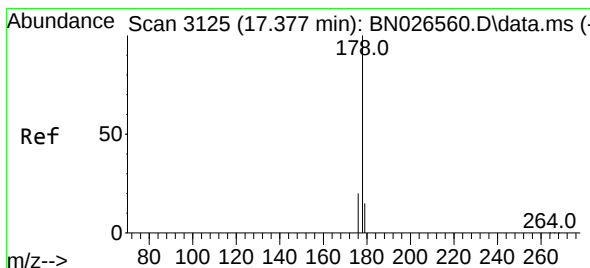
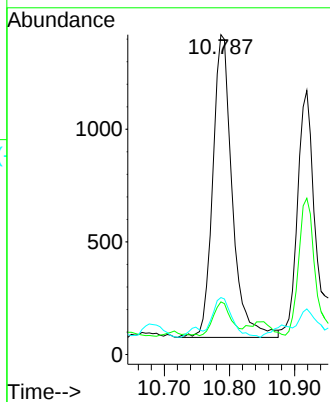
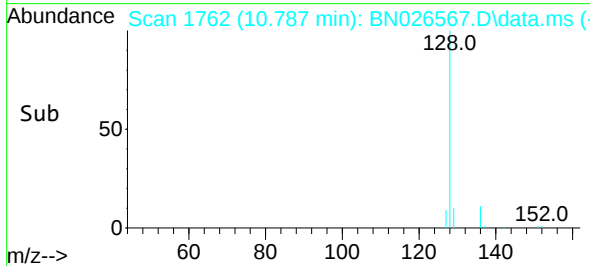
Instrument :
BNA_N
ClientSampleId :
A46M2



Tgt Ion:128 Resp: 279
Ion Ratio Lower Upper
128 100
129 16.5 10.2 15.2#
127 17.8 11.4 17.0#

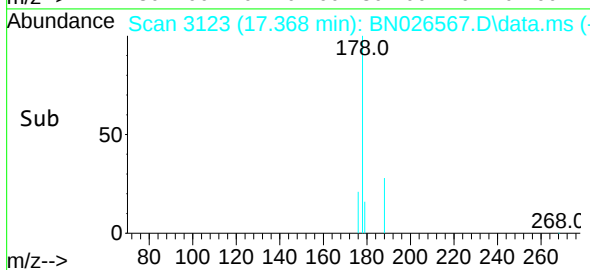
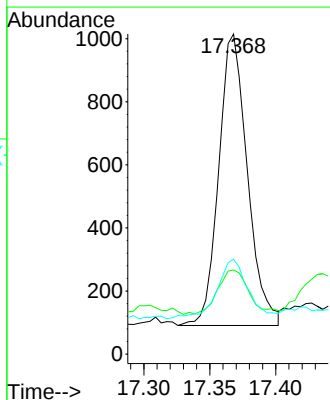
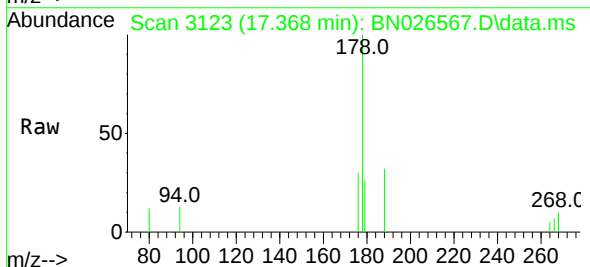
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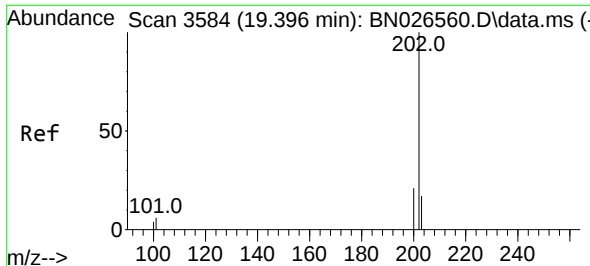
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#15
Phenanthrene
Concen: 0.034 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

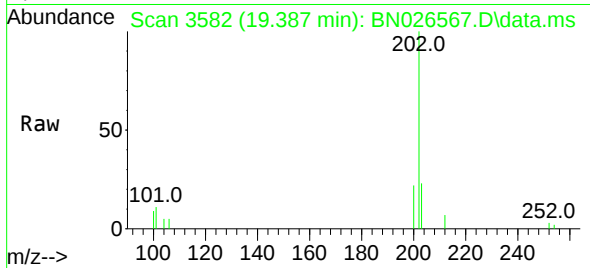
Tgt Ion:178 Resp: 1398
Ion Ratio Lower Upper
178 100
179 26.3 13.7 20.5#
176 29.7 16.5 24.7#





#19
Fluoranthene
Concen: 0.106 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

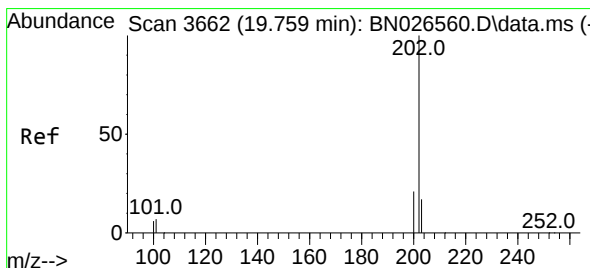
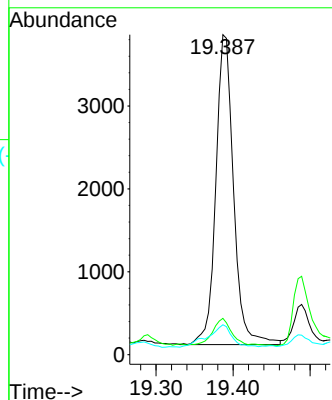
Instrument :
BNA_N
ClientSampleId :
A46M2



Tgt Ion:202 Resp: 5998
Ion Ratio Lower Upper
202 100
101 11.3 7.0 10.4#
100 9.3 6.0 9.0#

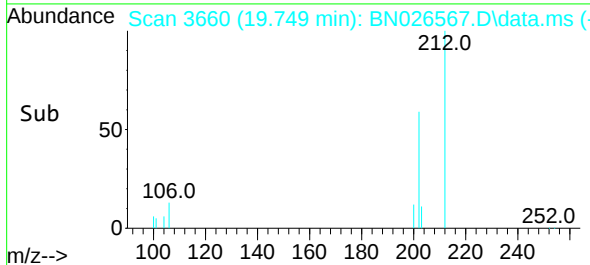
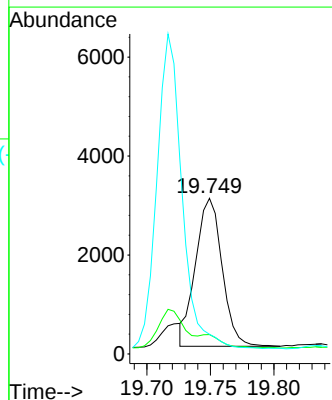
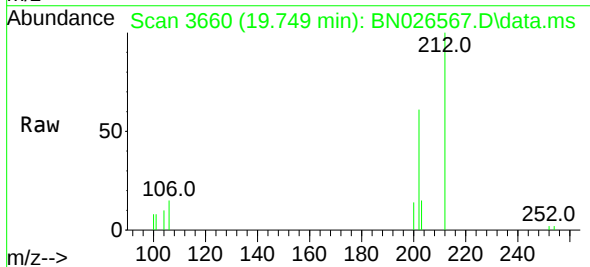
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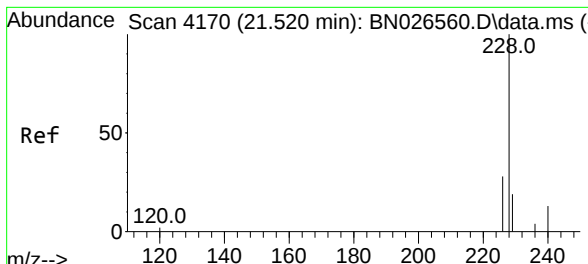
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.071 ng/ul m
RT: 19.749 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

Tgt Ion:202 Resp: 4353
Ion Ratio Lower Upper
202 100
101 12.4 8.0 12.0#
100 12.6 6.2 9.2#



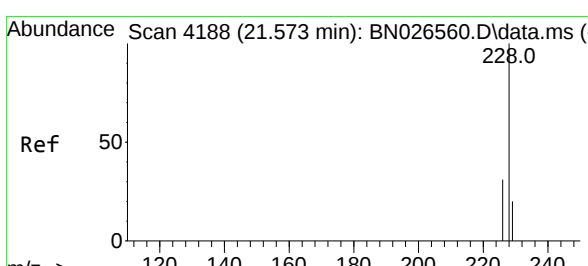
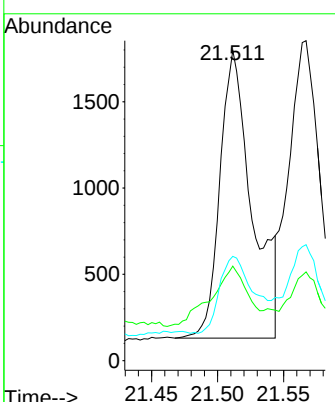
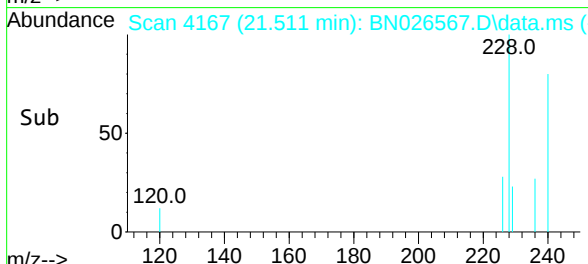
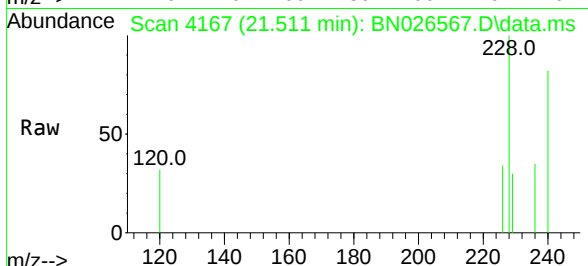


#21
Benzo(a)anthracene
Concen: 0.064 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

Instrument : BNA_N
ClientSampleId : A46M2

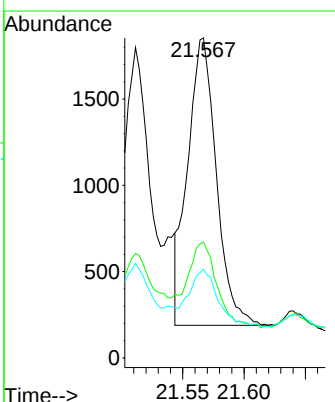
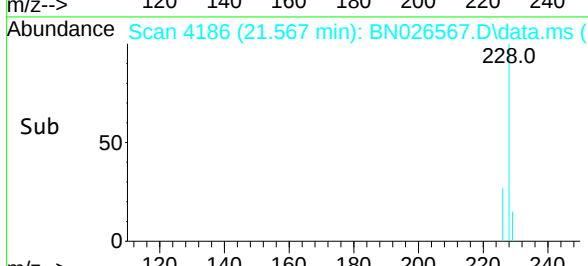
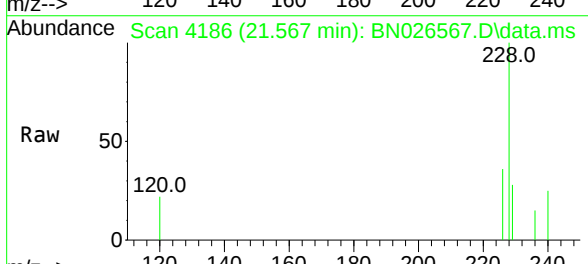
Tgt Ion:228	Resp:	282
Ion Ratio	Lower	Upper
228	100	
229	30.5	16.7 25.1
226	33.6	23.5 35.3

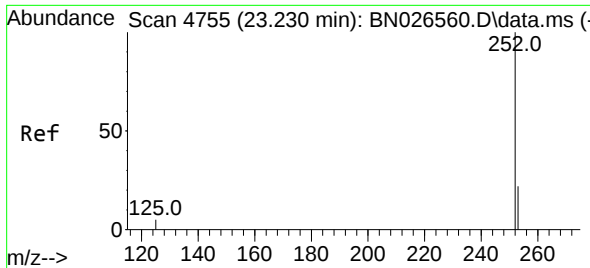
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#22
Chrysene
Concen: 0.053 ng/u1
RT: 21.567 min Scan# 4186
Delta R.T. -0.006 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

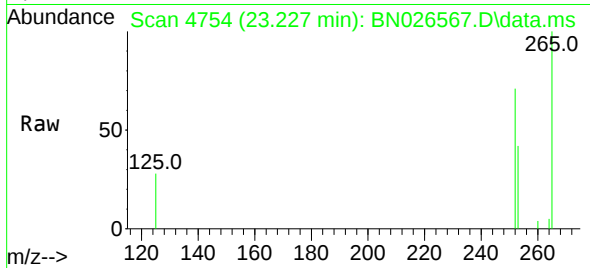
Tgt Ion:228	Resp:	2704
Ion Ratio	Lower	Upper
228	100	
226	36.2	25.2 37.8
229	27.7	16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul m
RT: 23.227 min Scan# 4754
Delta R.T. -0.003 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45

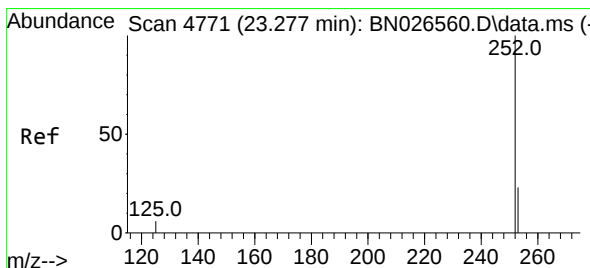
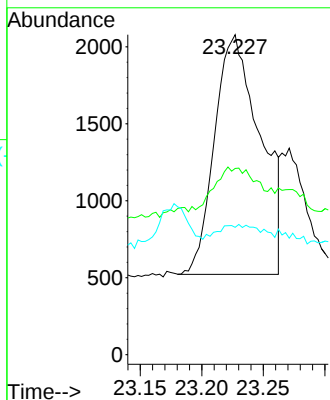
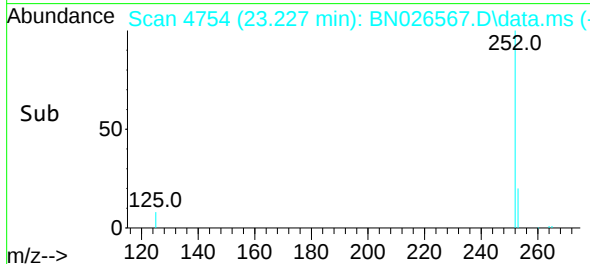
Instrument :
BNA_N
ClientSampleId :
A46M2



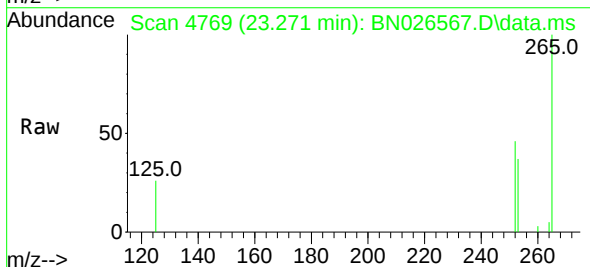
Tgt Ion:252 Resp: 4019
Ion Ratio Lower Upper
252 100
253 58.2 0.0 68.6
125 39.8 0.0 34.0

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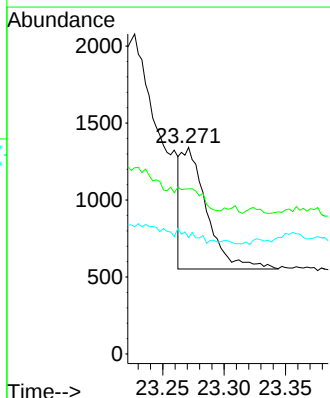
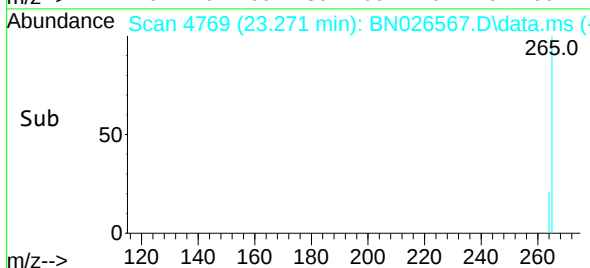
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

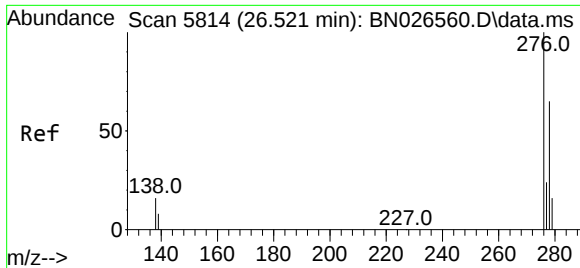


#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 23.271 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026567.D
Acq: 18 Jul 2023 16:45



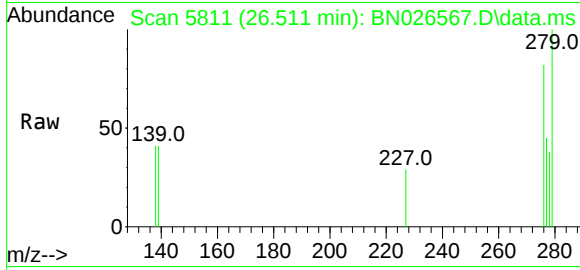
Tgt Ion:252 Resp: 1163
Ion Ratio Lower Upper
252 100
253 80.0 27.2 40.8#
125 56.4 13.4 20.2#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.023 ng/ul
 RT: 26.511 min Scan# 5811
 Delta R.T. -0.010 min
 Lab File: BN026567.D
 Acq: 18 Jul 2023 16:45

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 276 Resp: 104
 Ion Ratio Lower Upper
 276 100
 138 0.0 22.2 33.4
 227 1.0 0.1 0.1

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