

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026708.D
 Acq On : 24 Jul 2023 11:17
 Operator : MA/JU
 Sample : 03504-12DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 15:44:57 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	4508	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	15811	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	9393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	17353	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	11026	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	11278	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	849	0.143	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	736m	0.034	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	1167	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.185	152	1515	0.033	ng/ul#	85
15) Phenanthrene	17.257	178	13329	0.241	ng/ul	99
16) Anthracene	17.354	178	2226	0.046	ng/ul#	88
19) Fluoranthene	19.278	202	28385	0.549	ng/ul#	96
20) Pyrene	19.641	202	22420	0.399	ng/ul	99
21) Benzo(a)anthracene	21.396	228	13769	0.340	ng/ul	98
22) Chrysene	21.449	228	14684	0.318	ng/ul	97
24) Benzo(b)fluoranthene	23.068	252	18080m	0.411	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	6272m	0.136	ng/ul	
26) Benzo(a)pyrene	23.679	252	2167	0.055	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.237	276	5770	0.113	ng/ul	91
28) Dibenzo(a,h)anthracene	26.237	278	2160	0.055	ng/ul#	37

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

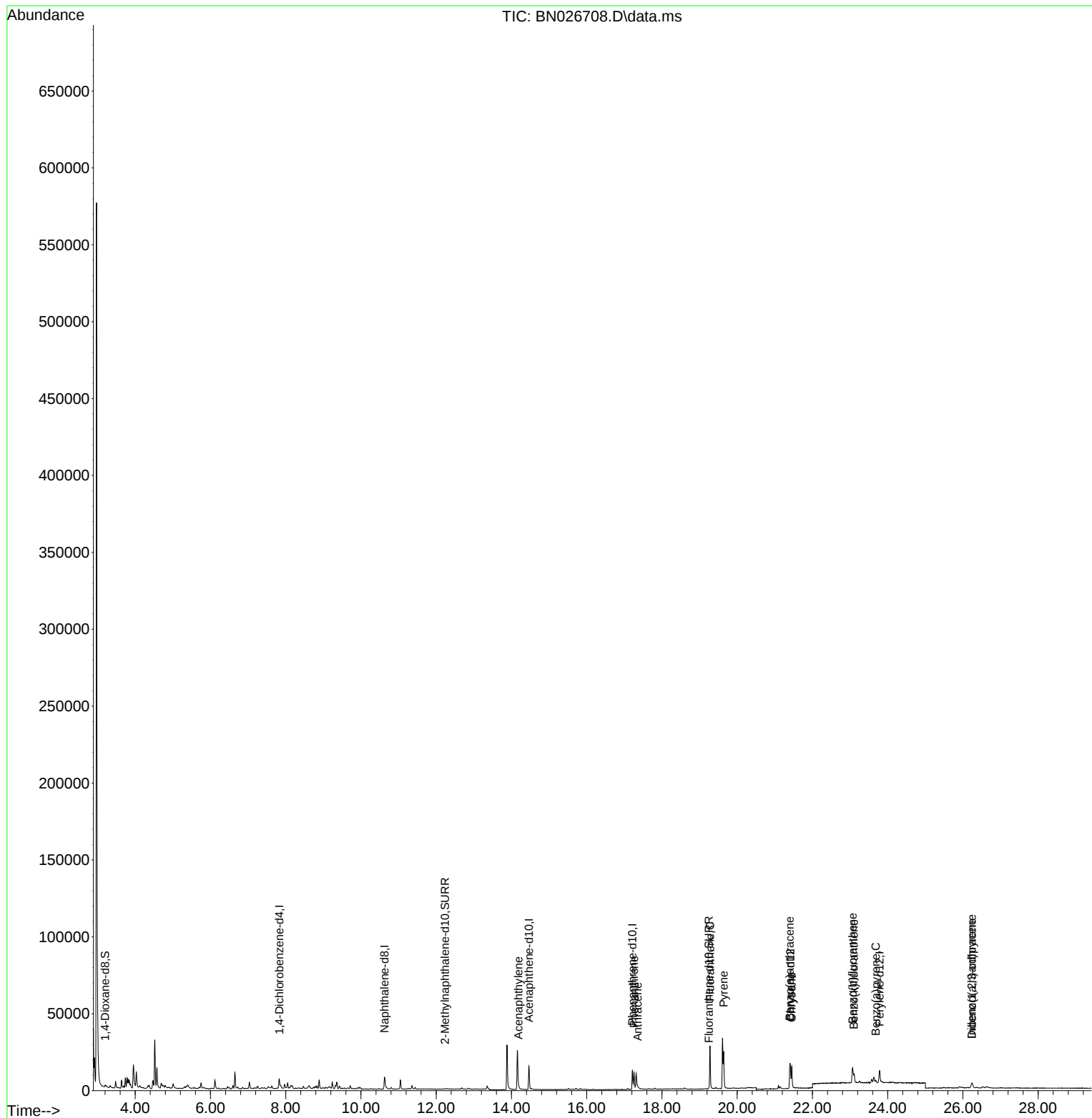
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026708.D
Acq On : 24 Jul 2023 11:17
Operator : MA/JU
Sample : 03504-12DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

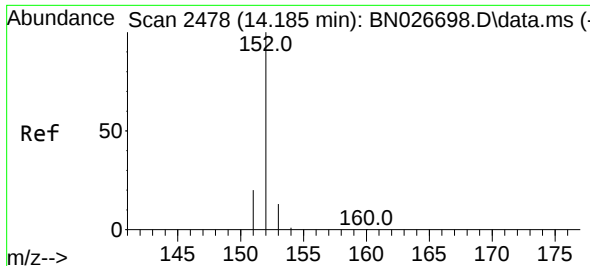
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BNA_N
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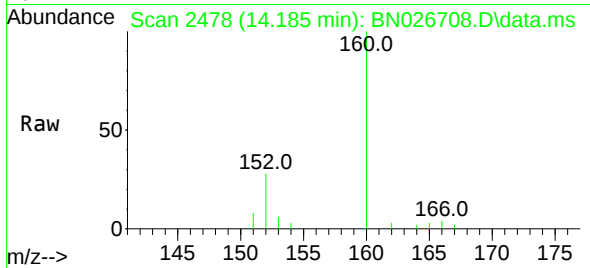
Quant Time: Jul 24 15:44:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
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#10
Acenaphthylene
Concen: 0.033 ng/u1
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

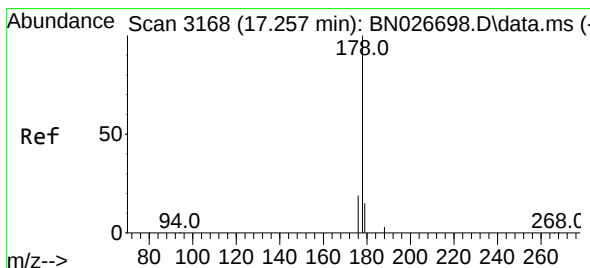
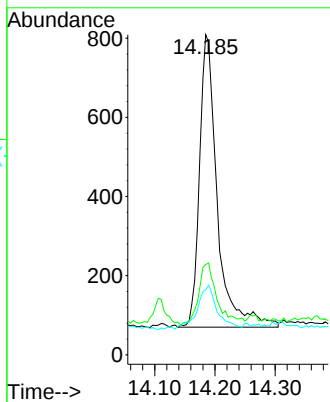
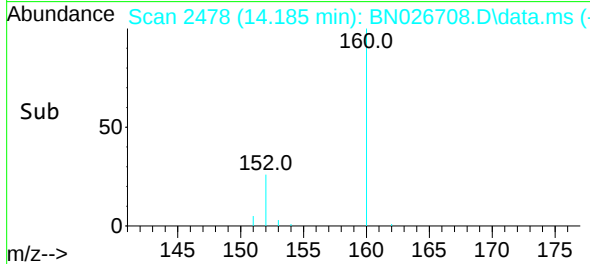
Instrument :
BNA_N
ClientSampleId :
A46S6DL



Tgt Ion:152 Resp: 151
Ion Ratio Lower Upper
152 100
151 28.2 17.0 25.6
153 20.4 11.4 17.2

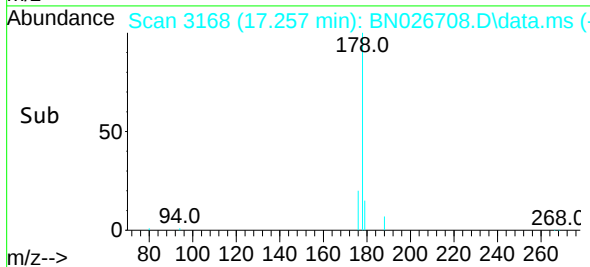
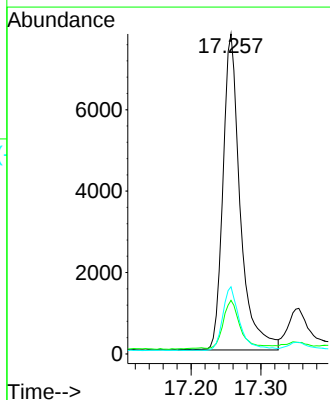
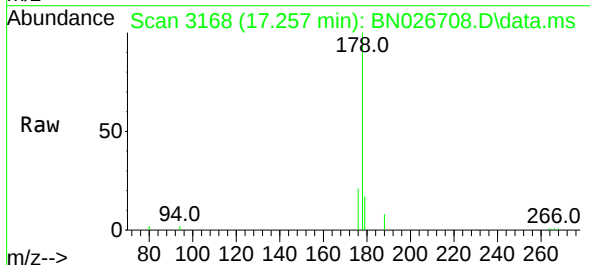
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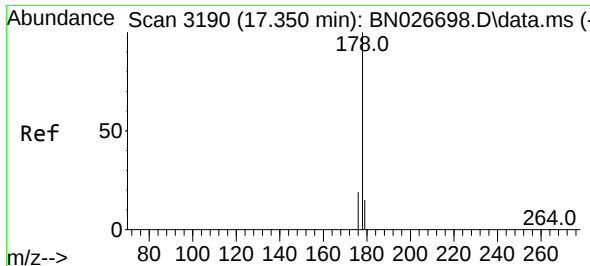
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#15
Phenanthrene
Concen: 0.241 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

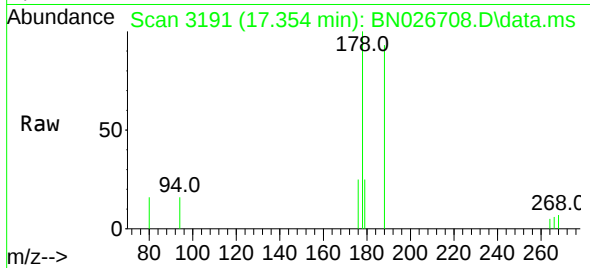
Tgt Ion:178 Resp: 13329
Ion Ratio Lower Upper
178 100
179 16.8 13.7 20.5
176 21.0 16.5 24.7





#16
 Anthracene
 Concen: 0.046 ng/ul
 RT: 17.354 min Scan# 3191
 Delta R.T. 0.004 min
 Lab File: BN026708.D
 Acq: 24 Jul 2023 11:17

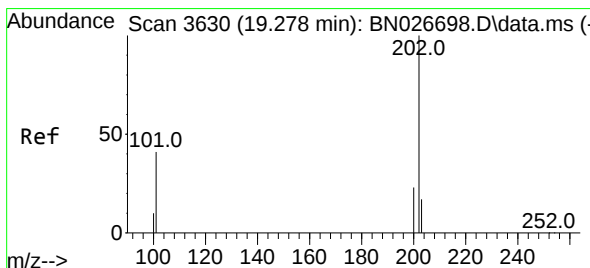
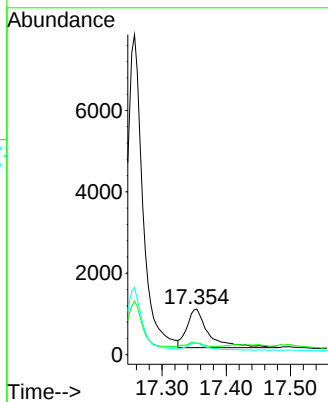
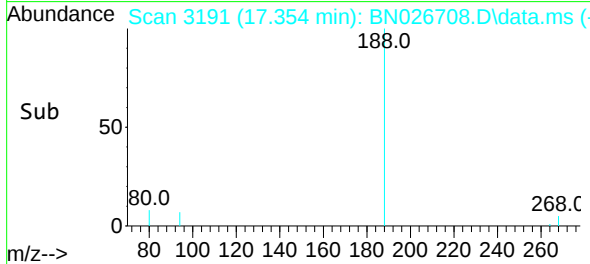
Instrument :
 BNA_N
 ClientSampleId :
 A46S6DL



Tgt Ion:178 Resp: 2220
 Ion Ratio Lower Upper
 178 100
 179 25.0 14.8 22.2
 176 25.5 16.6 25.0

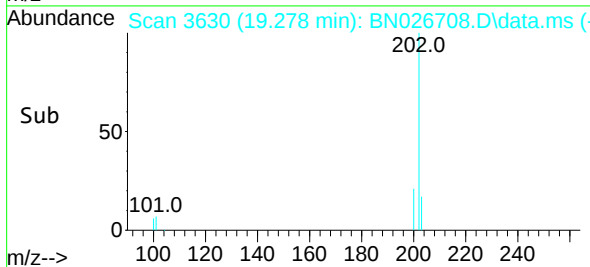
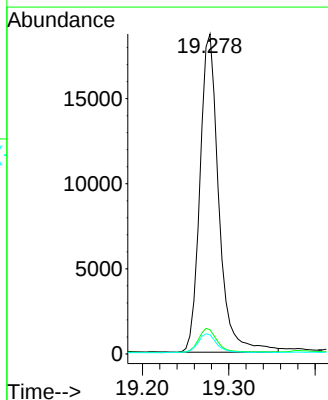
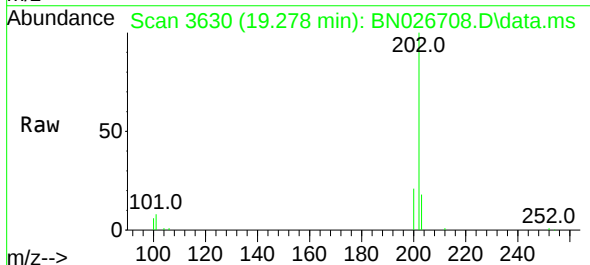
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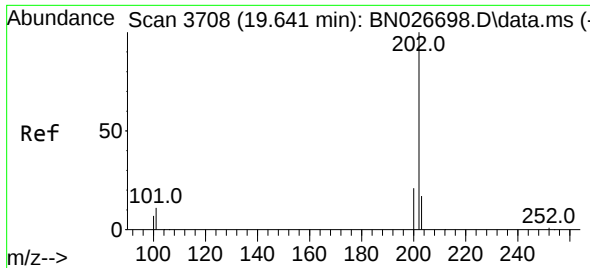
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 0.549 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.000 min
 Lab File: BN026708.D
 Acq: 24 Jul 2023 11:17

Tgt Ion:202 Resp: 28385
 Ion Ratio Lower Upper
 202 100
 101 7.5 7.0 10.4
 100 6.0 6.0 9.0





#20

Pyrene

Concen: 0.399 ng/ul

RT: 19.641 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN026708.D

Acq: 24 Jul 2023 11:17

Instrument :

BNA_N

ClientSampleId :

A46S6DL

Tgt Ion:202 Resp: 22420

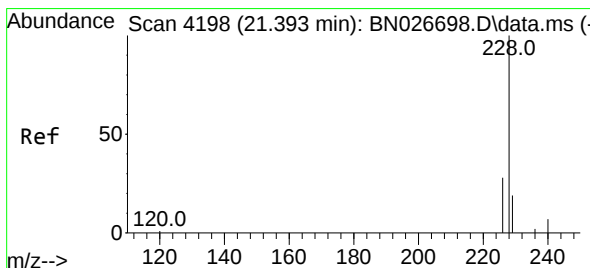
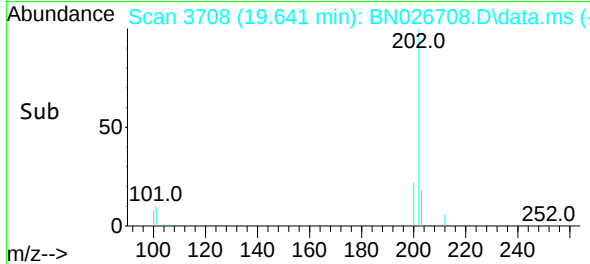
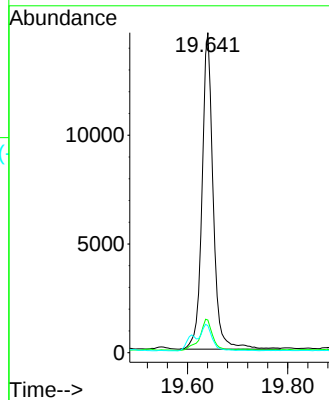
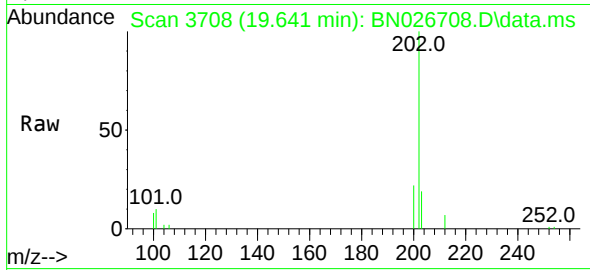
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
100	8.5	6.2	9.2

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#21

Benzo(a)anthracene

Concen: 0.340 ng/ul

RT: 21.396 min Scan# 4199

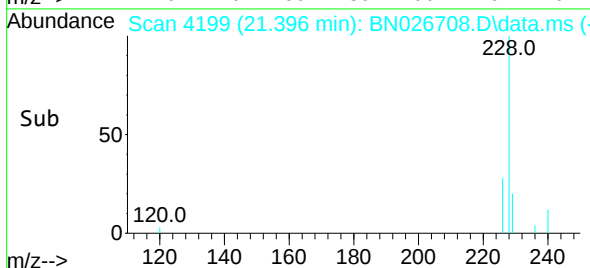
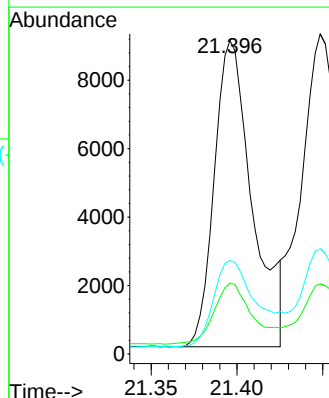
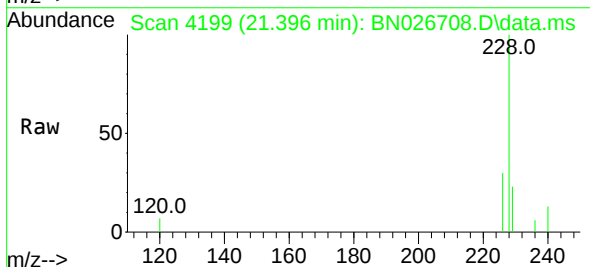
Delta R.T. -0.006 min

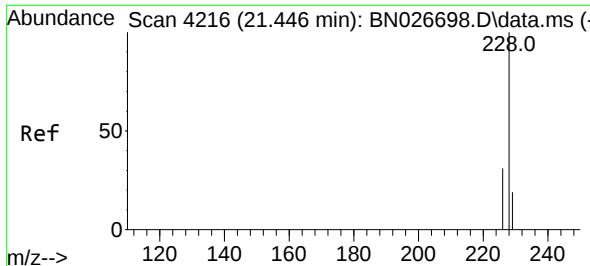
Lab File: BN026708.D

Acq: 24 Jul 2023 11:17

Tgt Ion:228 Resp: 13769

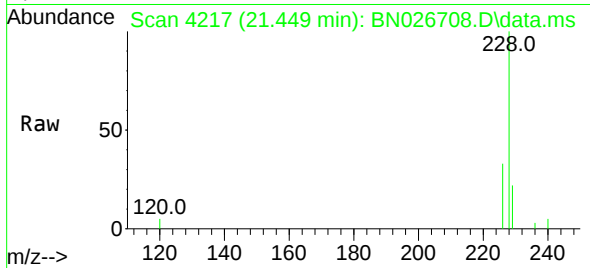
Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.7	25.1
226	29.8	23.5	35.3





#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.449 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

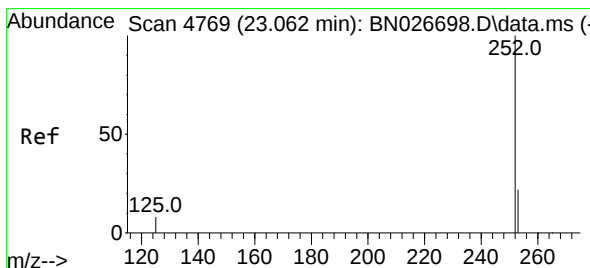
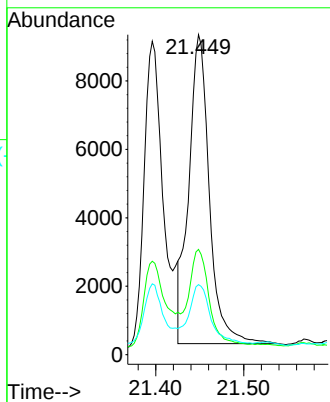
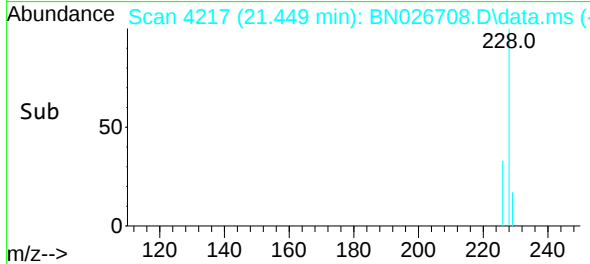
Instrument :
BNA_N
ClientSampleId :
A46S6DL



Tgt Ion:228 Resp: 14684
Ion Ratio Lower Upper
228 100
226 32.9 25.2 37.8
229 21.9 16.4 24.6

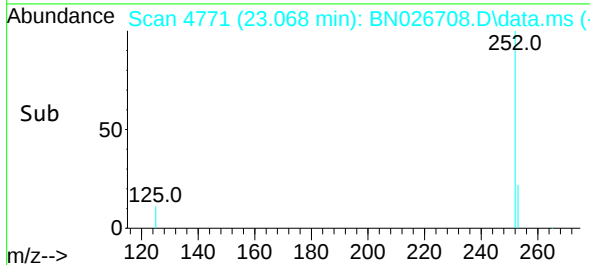
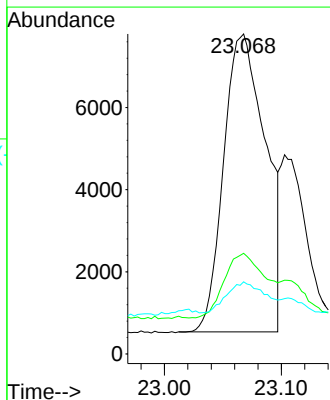
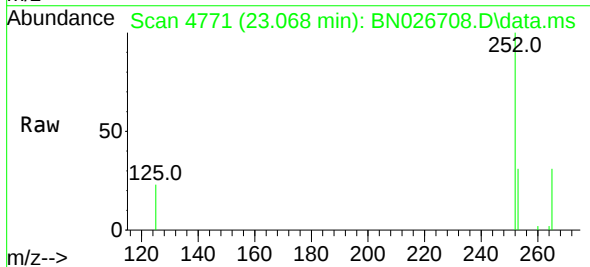
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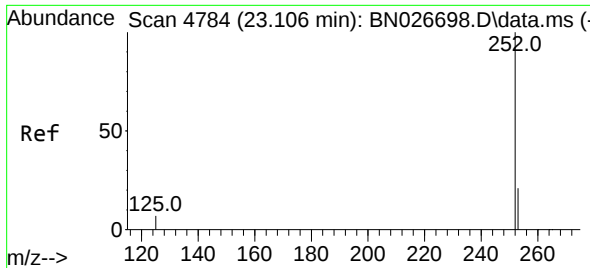
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul m
RT: 23.068 min Scan# 4771
Delta R.T. -0.000 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

Tgt Ion:252 Resp: 18080
Ion Ratio Lower Upper
252 100
253 31.4 0.0 68.6
125 22.5 0.0 34.0





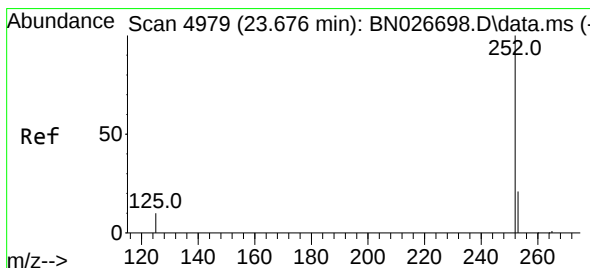
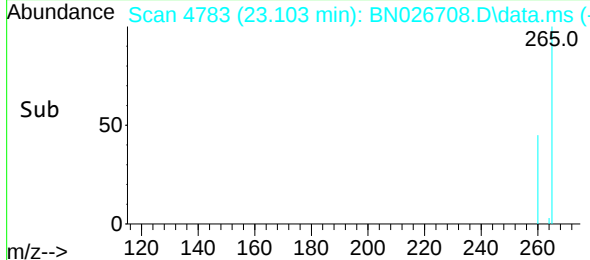
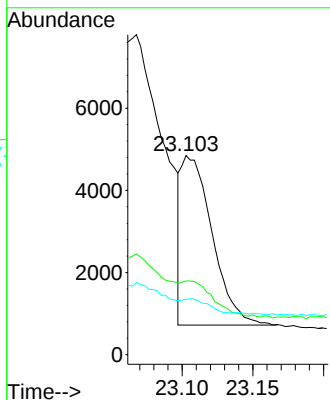
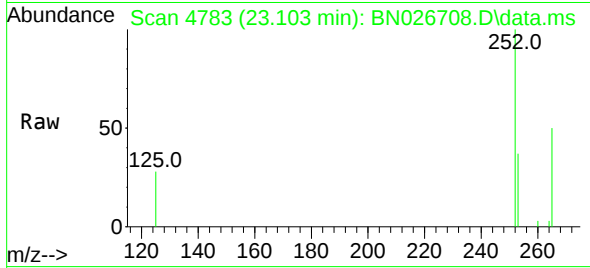
#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 23.103 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

Instrument :
BNA_N
ClientSampleId :
A46S6DL

Tgt Ion:252 Resp: 6272
Ion Ratio Lower Upper
252 100
253 37.0 27.2 40.8
125 27.8 13.4 20.2

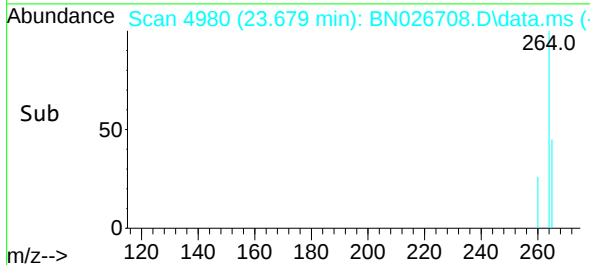
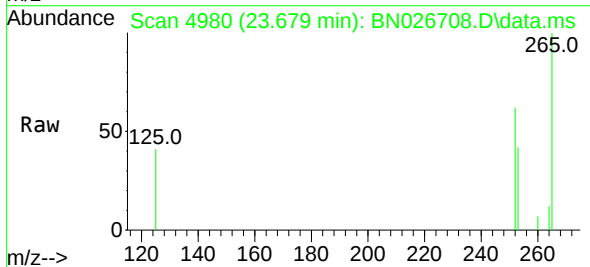
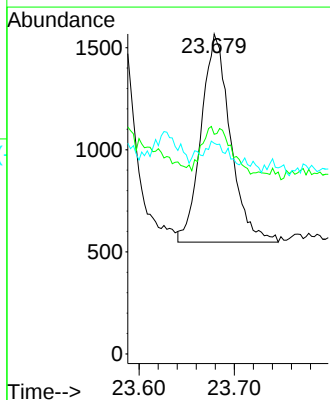
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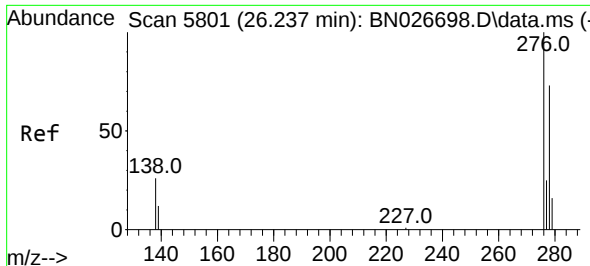
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#26
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.679 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

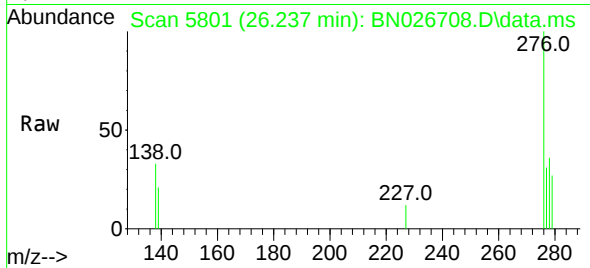
Tgt Ion:252 Resp: 2167
Ion Ratio Lower Upper
252 100
253 68.7 32.6 49.0#
125 65.9 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.014 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17

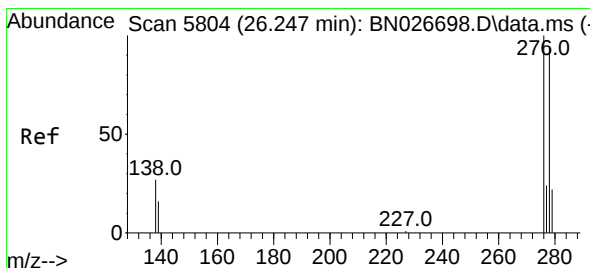
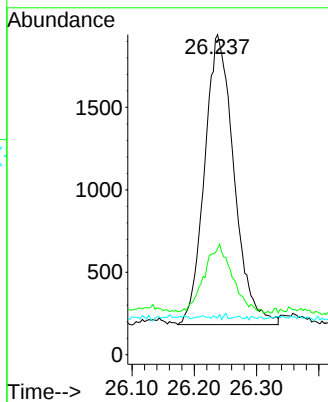
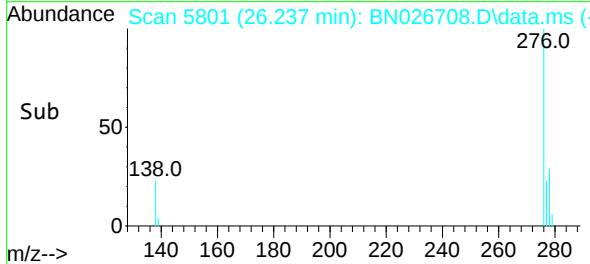
Instrument :
BNA_N
ClientSampleId :
A46S6DL



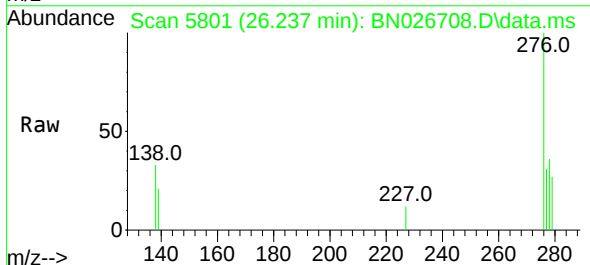
Tgt Ion:276 Resp: 5770
Ion Ratio Lower Upper
276 100
138 22.9 22.2 33.4
227 0.1 0.1 0.1

Manual Integrations
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Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.020 min
Lab File: BN026708.D
Acq: 24 Jul 2023 11:17



Tgt Ion:278 Resp: 2160
Ion Ratio Lower Upper
278 100
139 58.7 18.9 28.3#
279 74.8 31.3 46.9#

