

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026694.D
 Acq On : 24 Jul 2023 02:14
 Operator : MA/JU
 Sample : 03504-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W3

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 02:50:26 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	7.823	152	3866	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	11350	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	6969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.232	188	35719	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.411	240	10595	0.400	ng/ul	# 0.00
23) Perylene-d12	23.784	264	9694	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	5734	1.126	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	4648	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	8585	0.234	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.674	128	1794	0.058	ng/ul#	68
7) 2-Methylnaphthalene	12.291	142	1969	0.111	ng/ul	90
8) 1-Methylnaphthalene	12.506	142	1978	0.104	ng/ul	91
10) Acenaphthylene	14.185	152	1929	0.057	ng/ul#	61
11) Acenaphthene	14.527	153	2464	0.095	ng/ul	98
12) Fluorene	15.513	166	3306	0.121	ng/ul#	94
15) Phenanthrene	17.253	178	33079	0.291	ng/ul	100
16) Anthracene	17.346	178	2946	0.030	ng/ul#	83
19) Fluoranthene	19.274	202	63224	1.273	ng/ul#	96
20) Pyrene	19.641	202	45038	0.835	ng/ul	96
21) Benzo(a)anthracene	21.393	228	25015	0.642	ng/ul#	87
22) Chrysene	21.446	228	25403	0.573	ng/ul#	88
24) Benzo(b)fluoranthene	23.062	252	33251m	0.880	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	12458m	0.315	ng/ul	
26) Benzo(a)pyrene	23.676	252	3880	0.115	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.238	276	10395	0.236	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.238	278	3694	0.109	ng/ul#	13

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

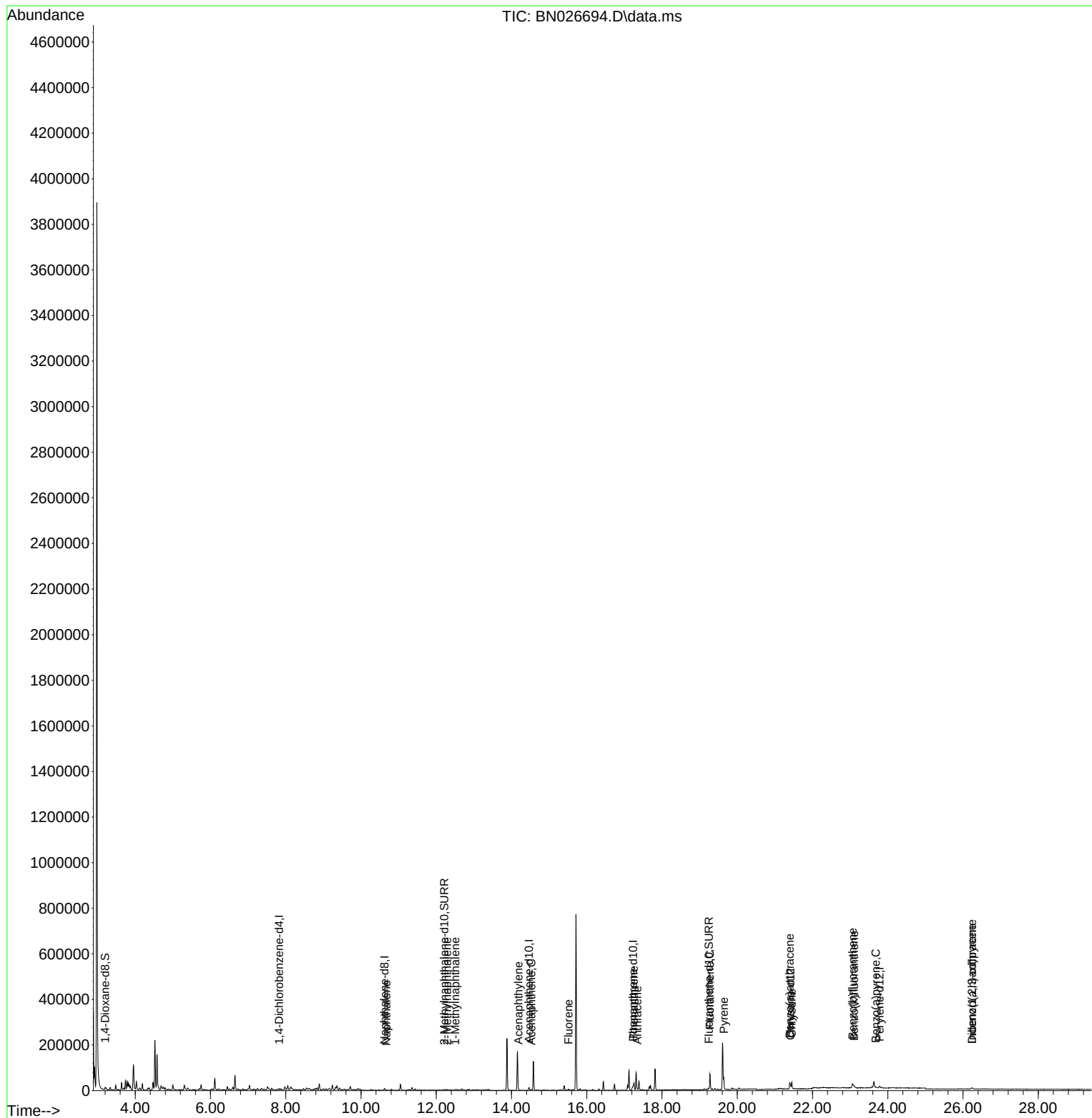
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026694.D
Acq On : 24 Jul 2023 02:14
Operator : MA/JU
Sample : 03504-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

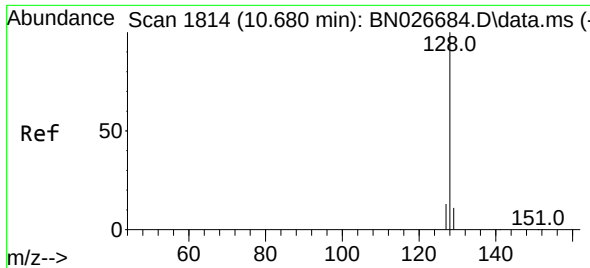
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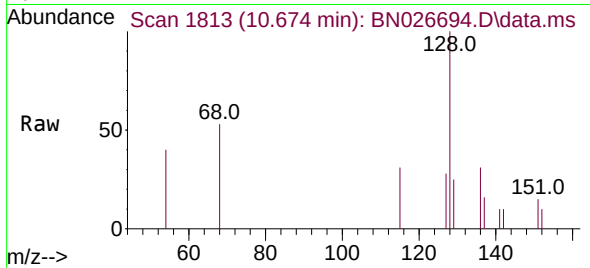
Quant Time: Jul 24 02:50:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.674 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

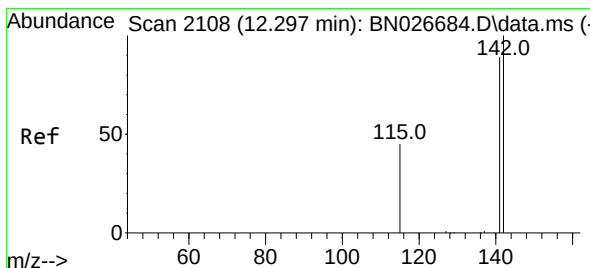
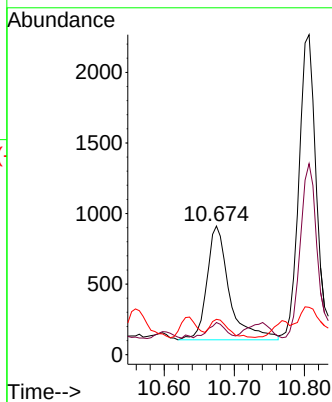
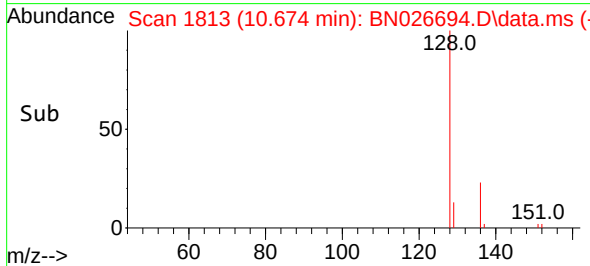
Instrument :
BNA_N
ClientSampleId :
A46W3



Tgt Ion:128 Resp: 1794
Ion Ratio Lower Upper
128 100
129 25.0 10.2 15.2
127 27.6 11.4 17.0

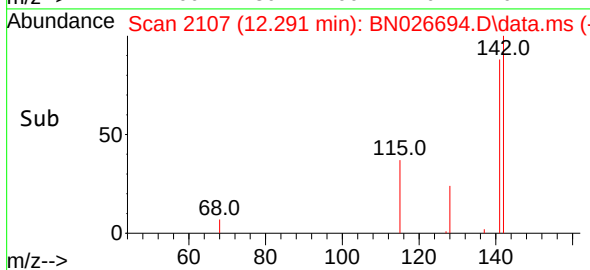
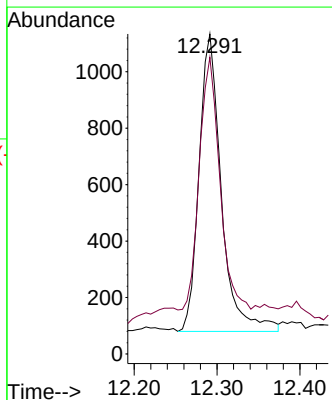
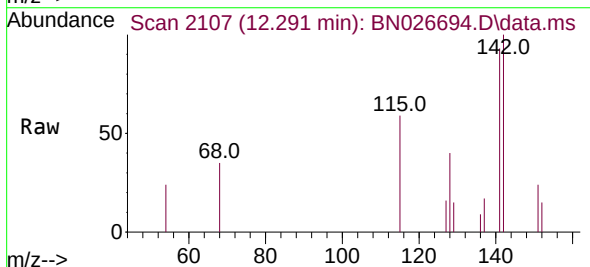
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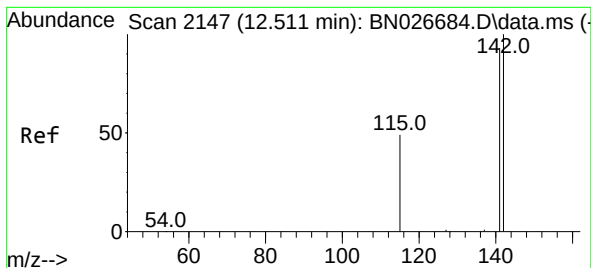
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

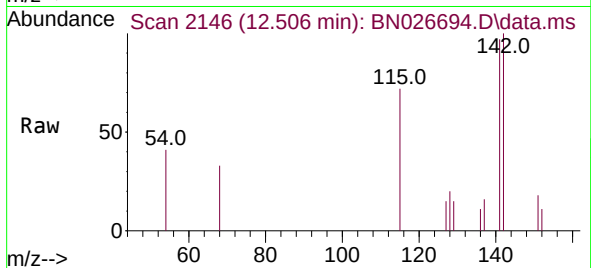
Tgt Ion:142 Resp: 1969
Ion Ratio Lower Upper
142 100
141 80.6 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

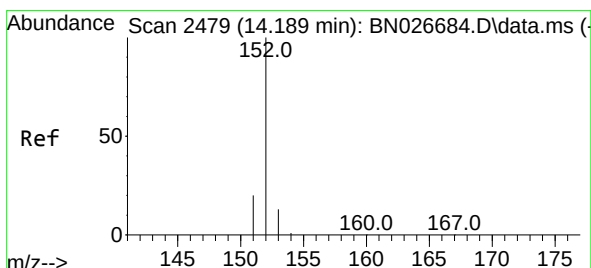
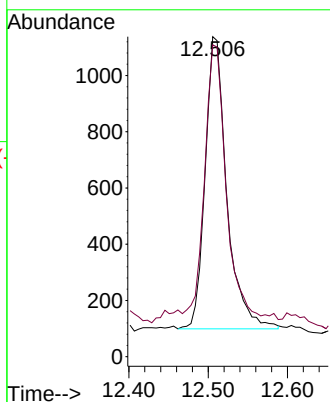
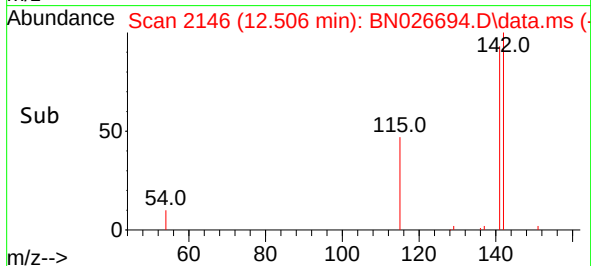
Instrument :
BNA_N
ClientSampleId :
A46W3



Tgt Ion:142 Resp: 1978
Ion Ratio Lower Upper
142 100
141 101.4 74.5 111.7

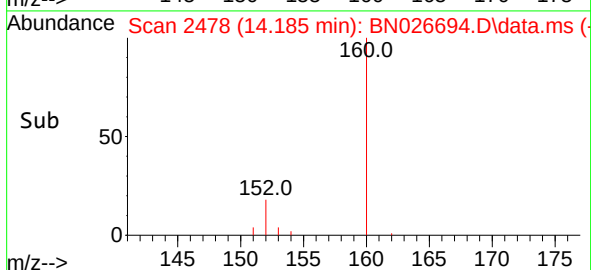
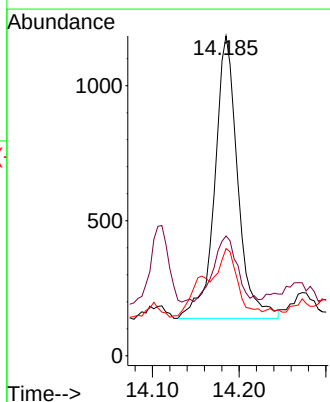
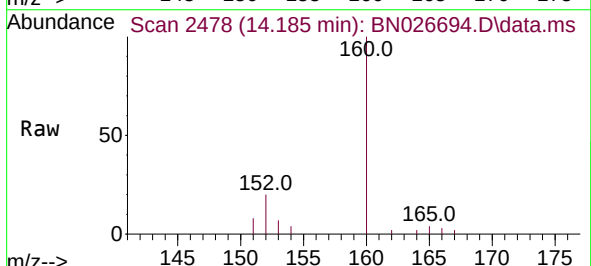
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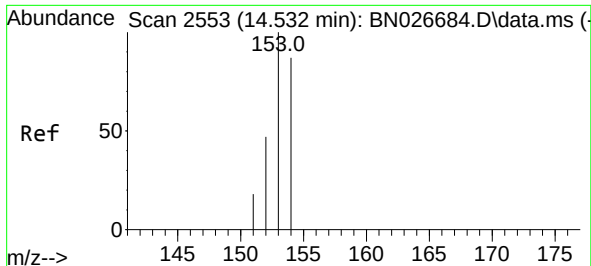
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

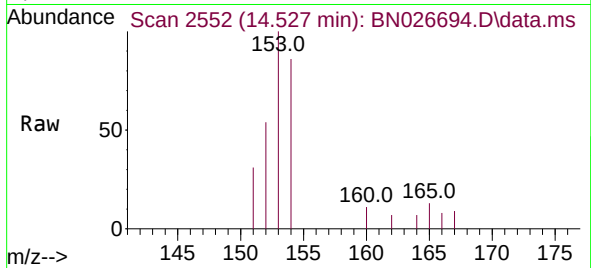
Tgt Ion:152 Resp: 1929
Ion Ratio Lower Upper
152 100
151 37.5 17.0 25.6#
153 33.5 11.4 17.2#





#11
Acenaphthene
Concen: 0.095 ng/uI
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

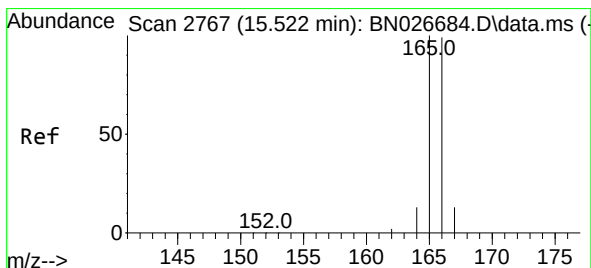
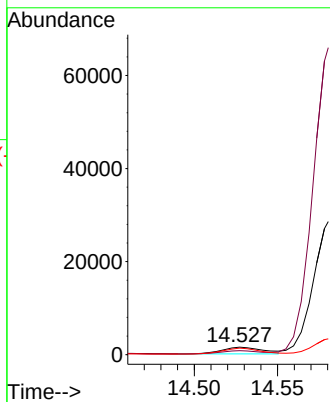
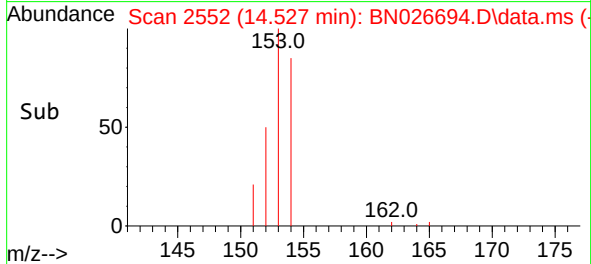
Instrument :
BNA_N
ClientSampleId :
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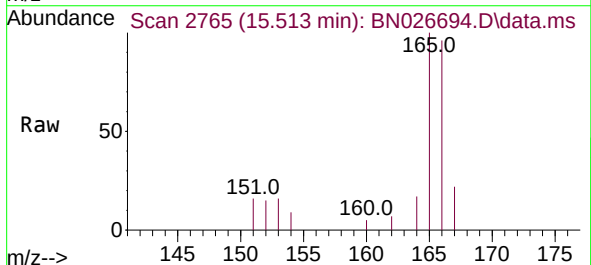
Tgt Ion:153 Resp: 2464
Ion Ratio Lower Upper
153 100
152 53.8 40.2 60.4
154 86.1 69.3 103.9

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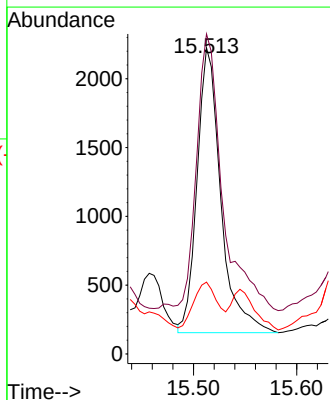
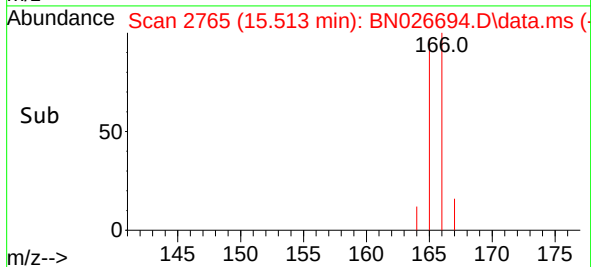
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

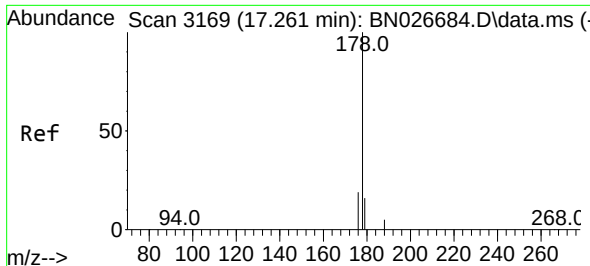


#12
Fluorene
Concen: 0.121 ng/uI
RT: 15.513 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14



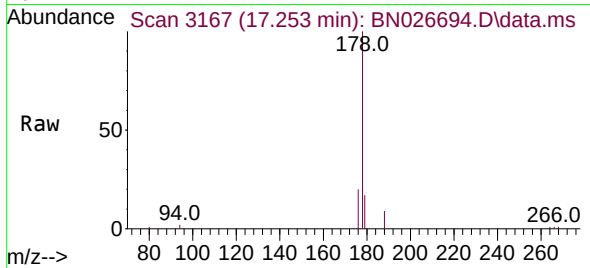
Tgt Ion:166 Resp: 3306
Ion Ratio Lower Upper
166 100
165 104.5 80.6 120.8
167 23.5 12.0 18.0#





#15
Phenanthrene
Concen: 0.291 ng/u1
RT: 17.253 min Scan# 3169
Delta R.T. -0.004 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

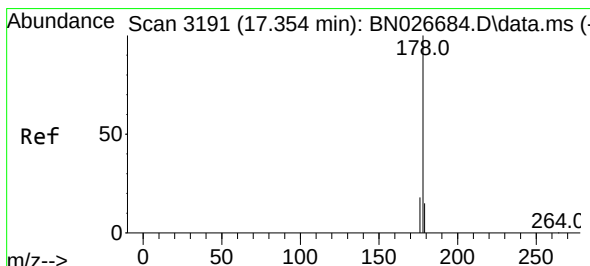
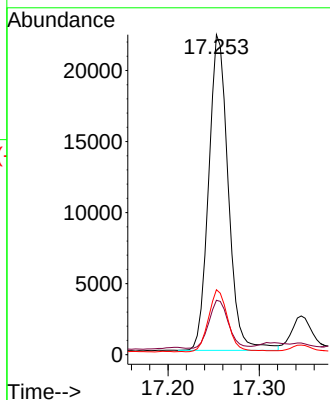
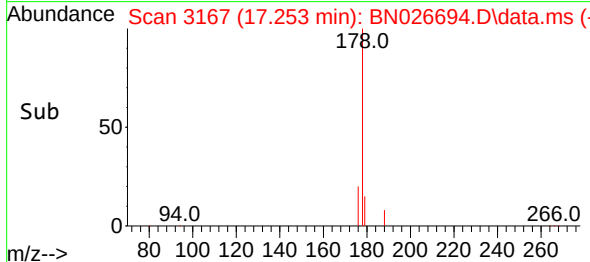
Instrument :
BNA_N
ClientSampleId :
A46W3



Tgt Ion:178 Resp: 33079
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 20.3 16.5 24.7

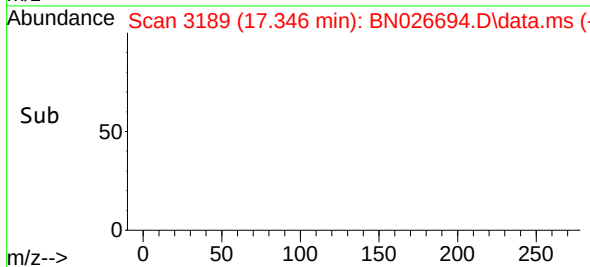
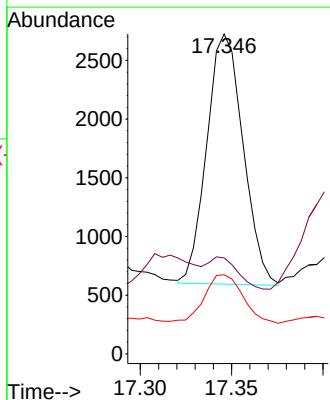
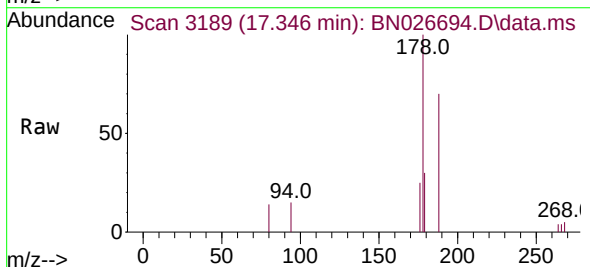
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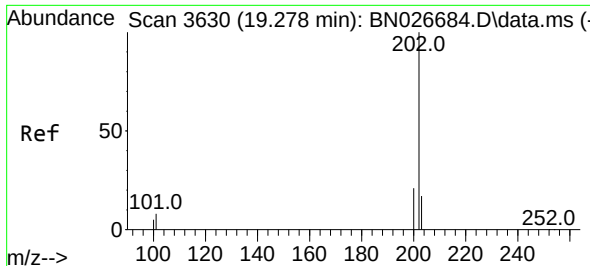
Reviewed By :Yogesh Patel 07/24/2023
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#16
Anthracene
Concen: 0.030 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

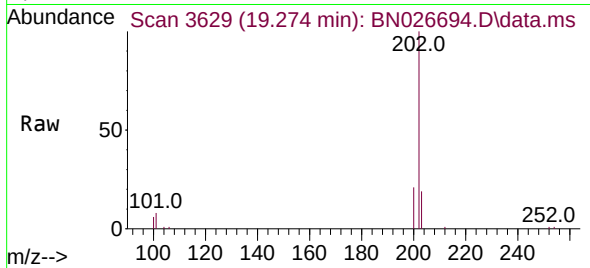
Tgt Ion:178 Resp: 2946
Ion Ratio Lower Upper
178 100
179 30.0 14.8 22.2#
176 24.7 16.6 25.0





#19
Fluoranthene
Concen: 1.273 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

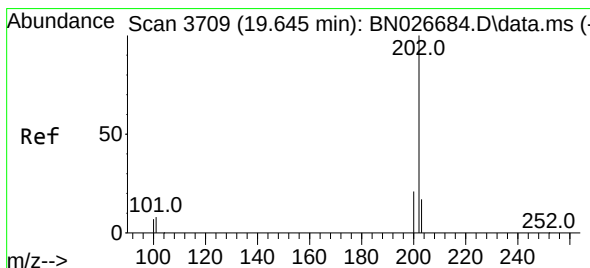
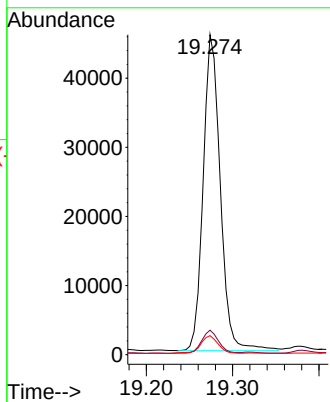
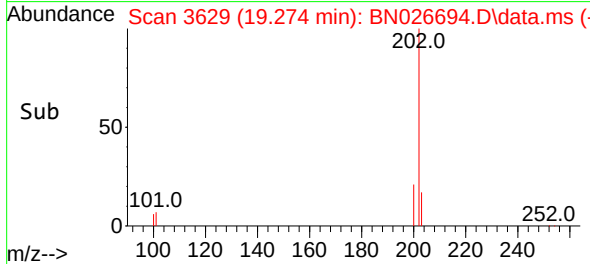
Instrument :
BNA_N
ClientSampleId :
A46W3



Tgt Ion:202 Resp: 63224
Ion Ratio Lower Upper
202 100
101 7.6 7.0 10.4
100 6.0 6.0 9.0

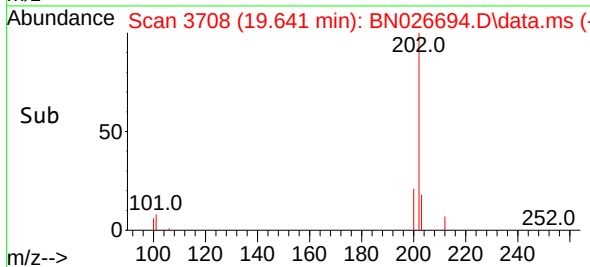
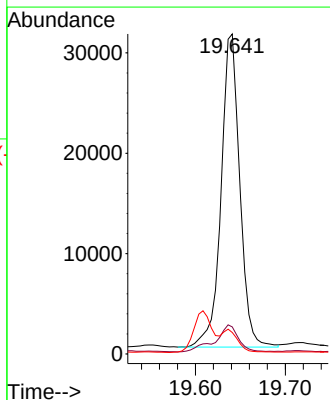
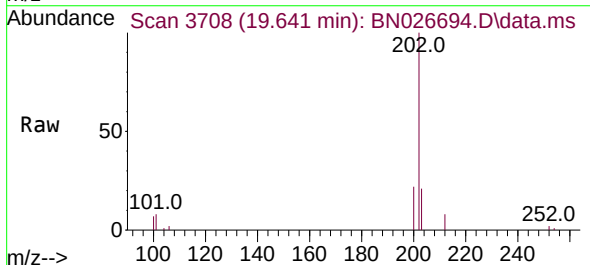
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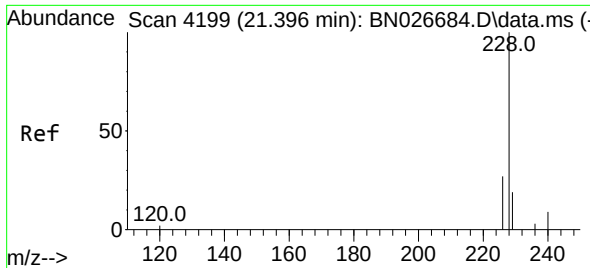
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.835 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

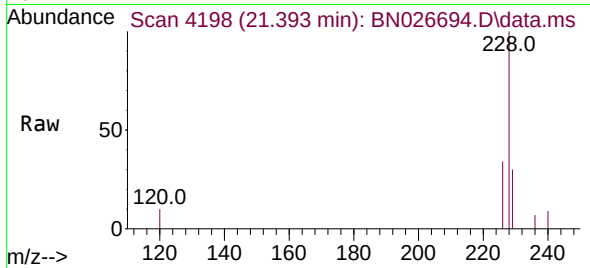
Tgt Ion:202 Resp: 45038
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 6.7 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.642 ng/u1
RT: 21.393 min Scan# 4199
Delta R.T. -0.009 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

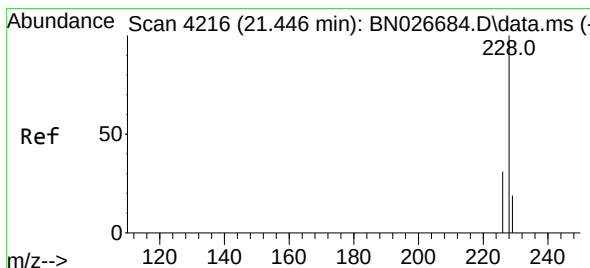
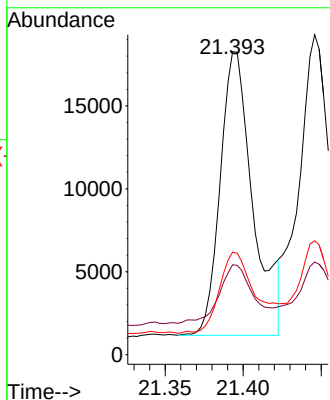
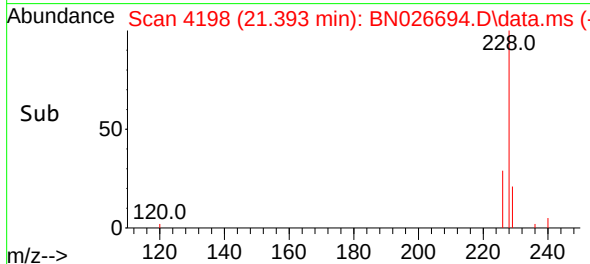
Instrument :
BNA_N
ClientSampleId :
A46W3



Tgt Ion:228 Resp: 25015
Ion Ratio Lower Upper
228 100
229 29.7 16.7 25.1
226 33.9 23.5 35.3

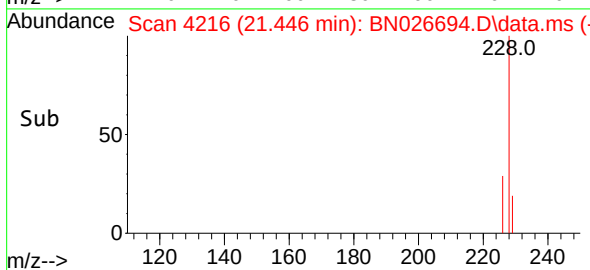
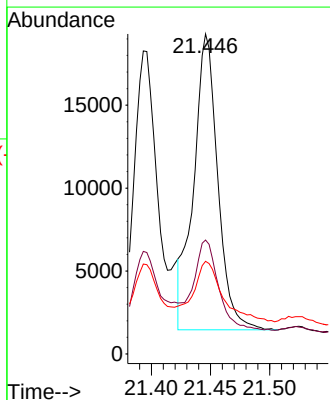
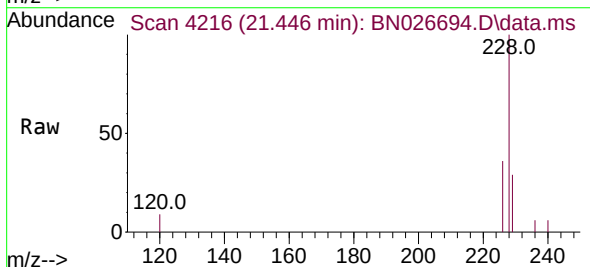
Manual Integrations
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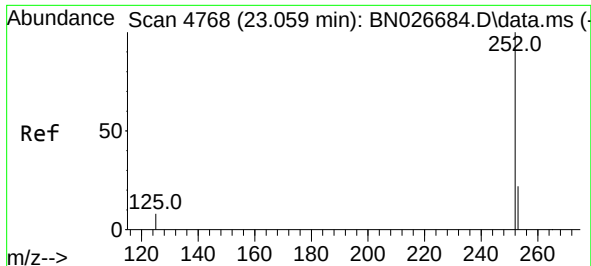
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.573 ng/u1
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

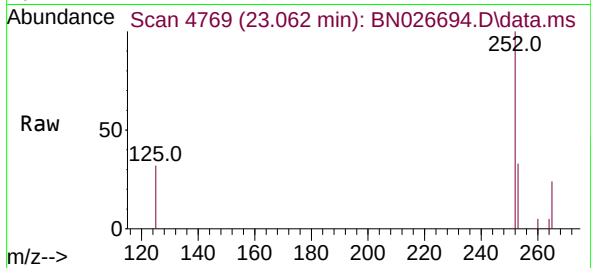
Tgt Ion:228 Resp: 25403
Ion Ratio Lower Upper
228 100
226 35.6 25.2 37.8
229 28.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.880 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

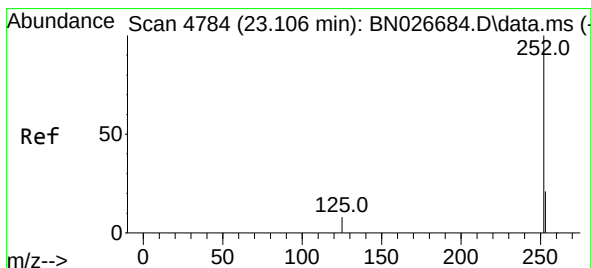
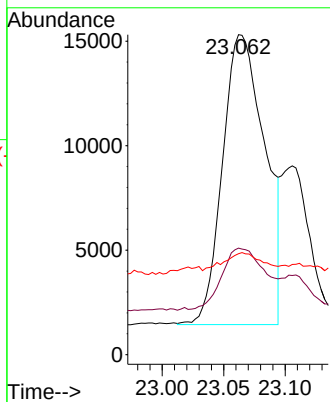
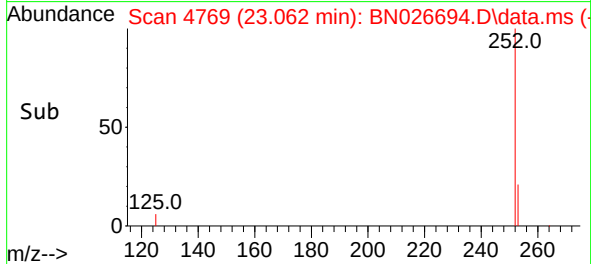
Instrument :
BNA_N
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A46W3



Tgt Ion:252 Resp: 3325
Ion Ratio Lower Upper
252 100
253 33.3 0.0 68.6
125 31.5 0.0 34.0

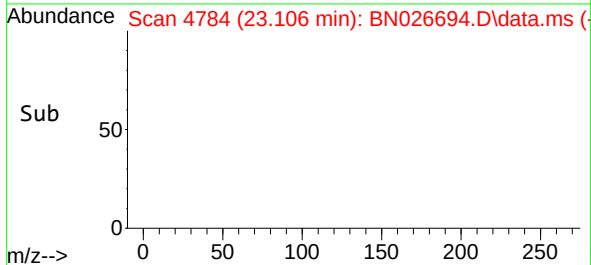
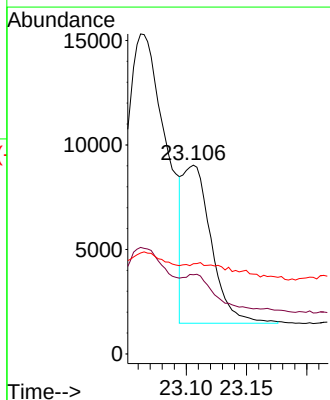
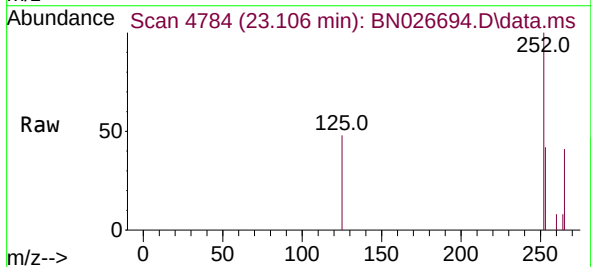
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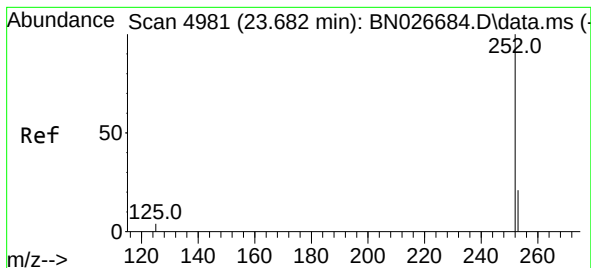
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul m
RT: 23.106 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN026694.D
Acq: 24 Jul 2023 02:14

Tgt Ion:252 Resp: 12458
Ion Ratio Lower Upper
252 100
253 42.0 27.2 40.8#
125 47.8 13.4 20.2#





#26

Benzo(a)pyrene

Concen: 0.115 ng/ul

RT: 23.676 min Scan# 4981

Delta R.T. -0.009 min

Lab File: BN026694.D

Acq: 24 Jul 2023 02:14

Instrument :

BN026694.D

ClientSampleId :

A46W3

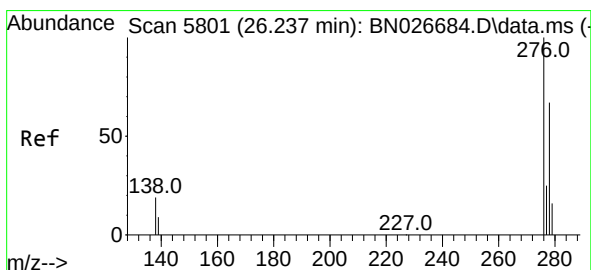
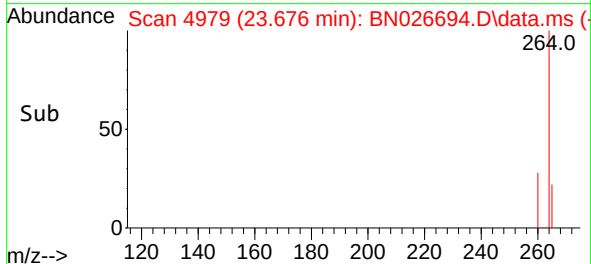
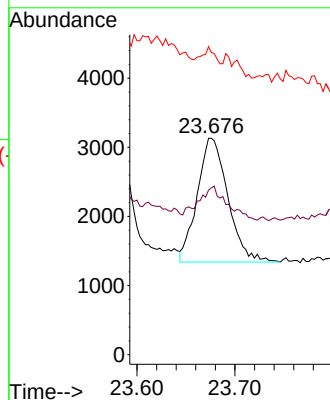
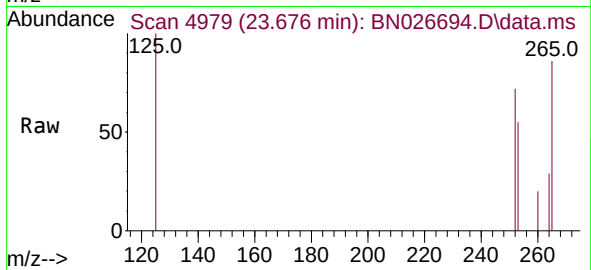
Tgt Ion:	252	Resp:	3880
Ion Ratio	Lower	Upper	
252	100		
253	77.1	32.6	49.0
125	139.5	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.236 ng/ul

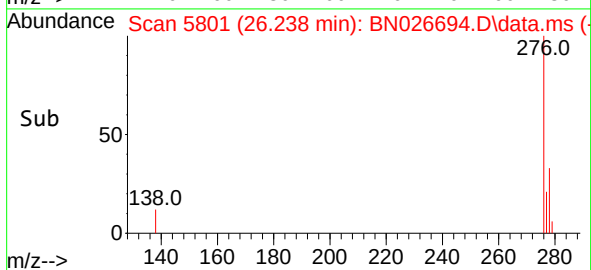
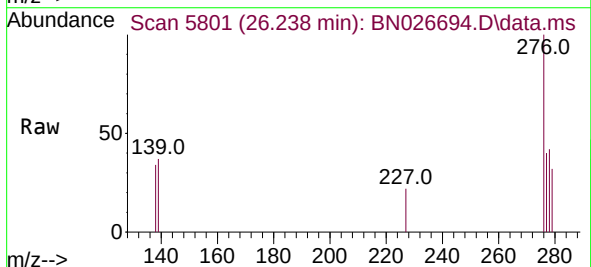
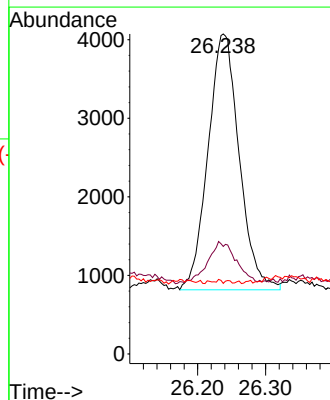
RT: 26.238 min Scan# 5801

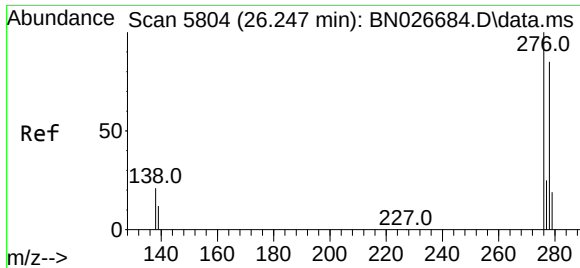
Delta R.T. -0.013 min

Lab File: BN026694.D

Acq: 24 Jul 2023 02:14

Tgt Ion:	276	Resp:	10395
Ion Ratio	Lower	Upper	
276	100		
138	15.2	22.2	33.4
227	0.2	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.109 ng/ul

RT: 26.238 min Scan# 5801

Delta R.T. -0.020 min

Lab File: BN026694.D

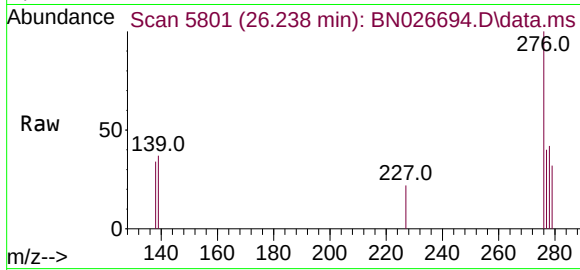
Acq: 24 Jul 2023 02:14

Instrument :

BNA_N

ClientSampleId :

A46W3



Tgt Ion:278 Resp: 3694

Ion Ratio Lower Upper

278 100

139 88.6 18.9 28.3

279 75.0 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023

