

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026672.D
 Acq On : 23 Jul 2023 12:16
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R1

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:40:48 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	3211	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	13677	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	8133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	16838	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	9801	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	10416	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	12643	2.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	7415	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	13508	0.398	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.674	128	1063	0.028	ng/ul#	80
10) Acenaphthylene	14.185	152	2818	0.071	ng/ul#	91
12) Fluorene	15.517	166	813	0.026	ng/ul#	97
15) Phenanthrene	17.257	178	17433	0.325	ng/ul	98
16) Anthracene	17.346	178	3441	0.074	ng/ul	96
19) Fluoranthene	19.278	202	42259	0.920	ng/ul#	96
20) Pyrene	19.641	202	46598	0.934	ng/ul	98
21) Benzo(a)anthracene	21.396	228	19323	0.536	ng/ul	98
22) Chrysene	21.448	228	16592	0.405	ng/ul	96
24) Benzo(b)fluoranthene	23.068	252	24203m	0.596	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	8465m	0.199	ng/ul	
26) Benzo(a)pyrene	23.676	252	12808	0.355	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.237	276	11665	0.246	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.240	278	2438	0.067	ng/ul#	48
29) Benzo(g,h,i)perylene	26.998	276	11238	0.269	ng/ul	98

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

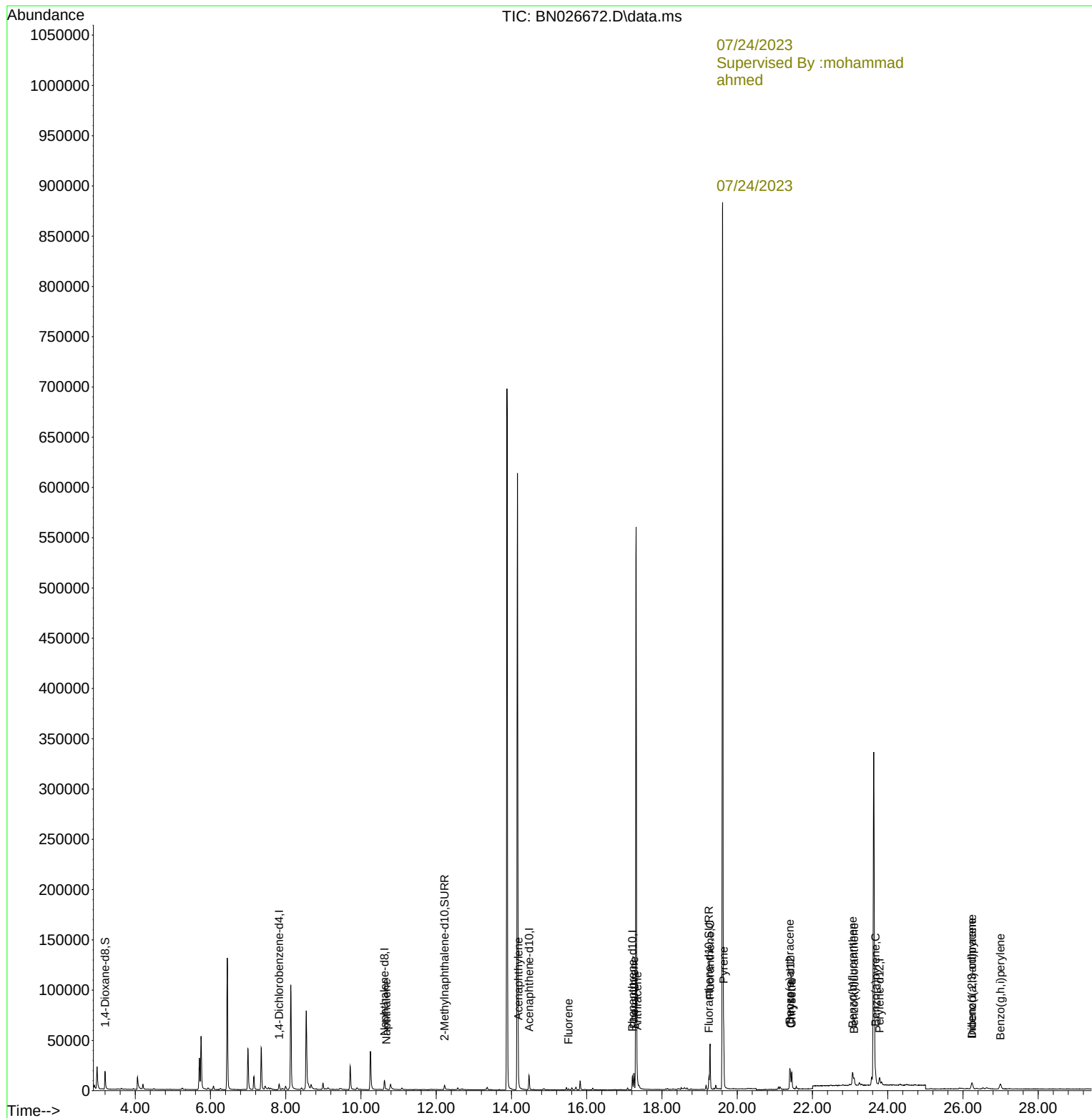
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026672.D
Acq On : 23 Jul 2023 12:16
Operator : MA/JU
Sample : 03472-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

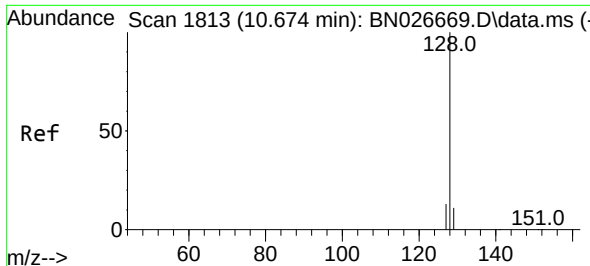
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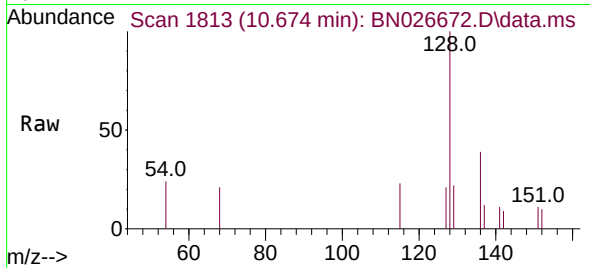
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

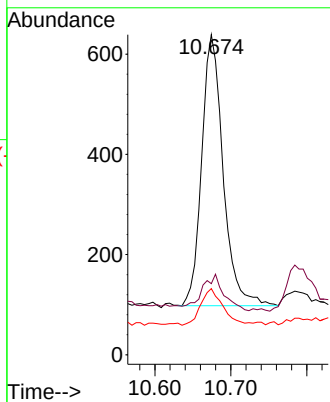
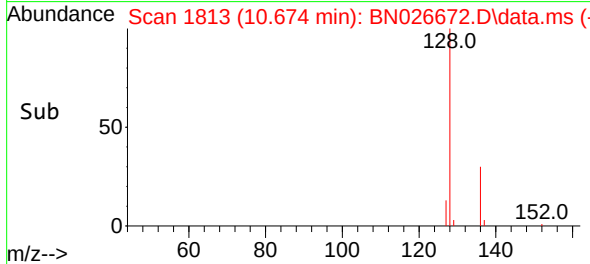
Instrument :
BNA_N
ClientSampleId :
A46R1



Tgt Ion:128 Resp: 1063
Ion Ratio Lower Upper
128 100
129 22.2 10.2 15.2
127 20.7 11.4 17.0

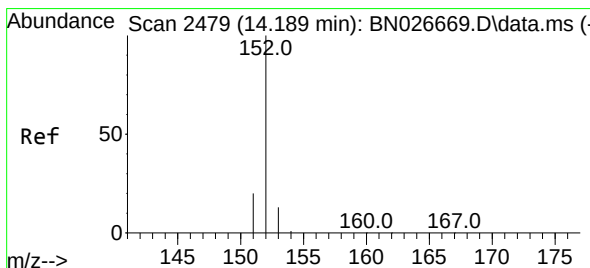
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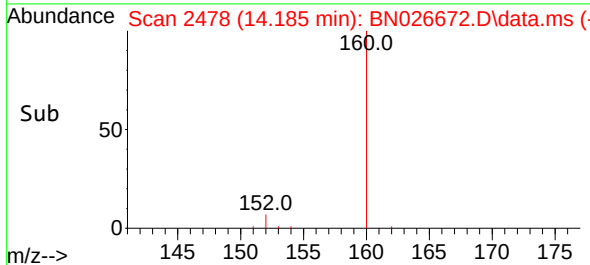
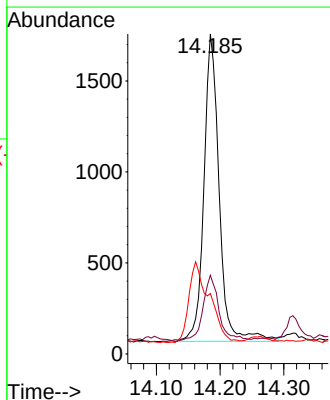
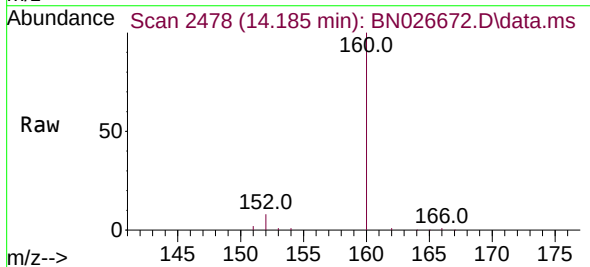
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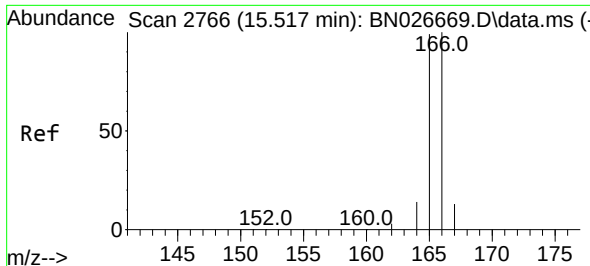
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#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

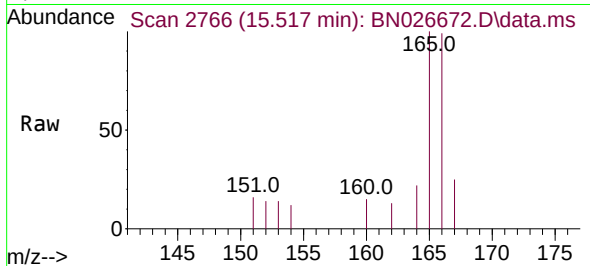
Tgt Ion:152 Resp: 2818
Ion Ratio Lower Upper
152 100
151 24.6 17.0 25.6
153 18.9 11.4 17.2





#12
Fluorene
Concen: 0.026 ng/uI
RT: 15.517 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

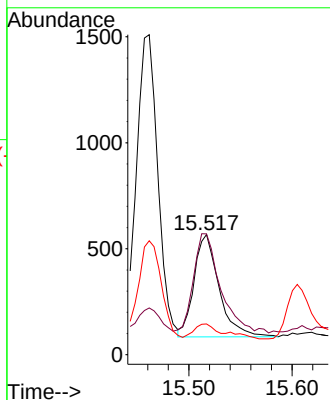
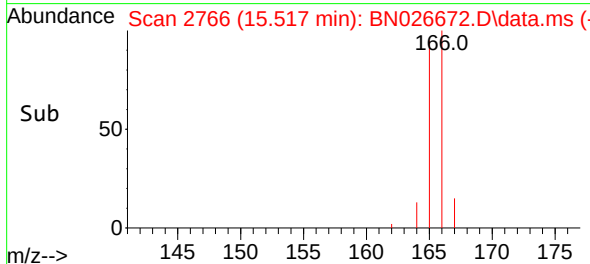
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:166 Resp: 811
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 25.6 12.0 18.0

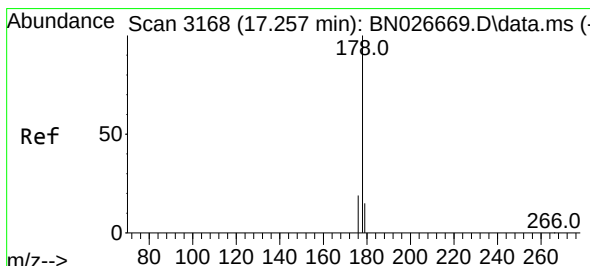
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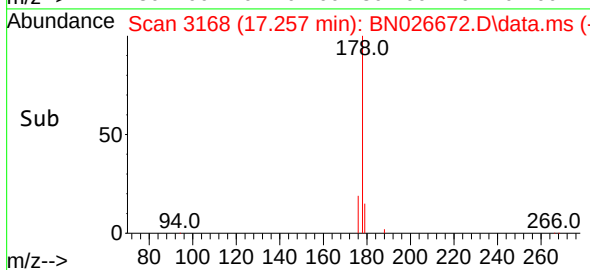
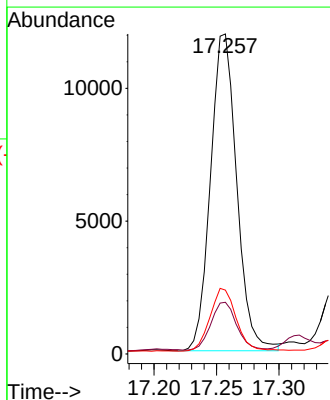
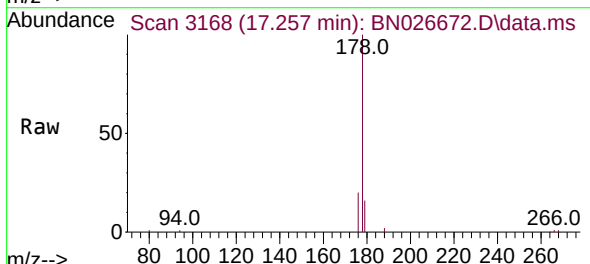
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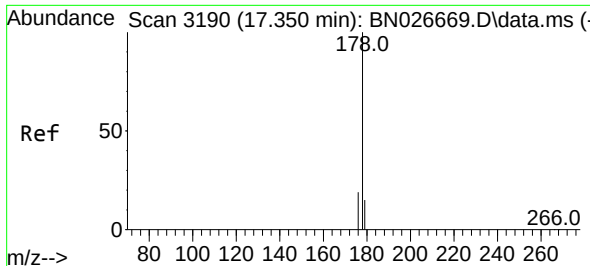
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#15
Phenanthrene
Concen: 0.325 ng/uI
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

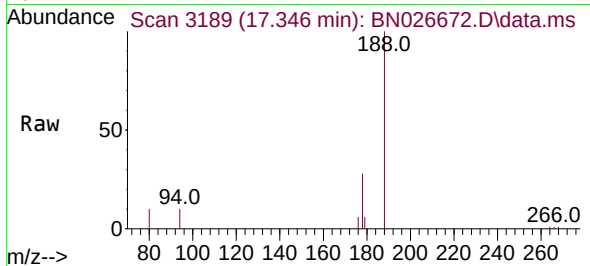
Tgt Ion:178 Resp: 17433
Ion Ratio Lower Upper
178 100
179 16.1 13.7 20.5
176 20.0 16.5 24.7





#16
 Anthracene
 Concen: 0.074 ng/ul
 RT: 17.346 min Scan# 3190
 Delta R.T. -0.004 min
 Lab File: BN026672.D
 Acq: 23 Jul 2023 12:16

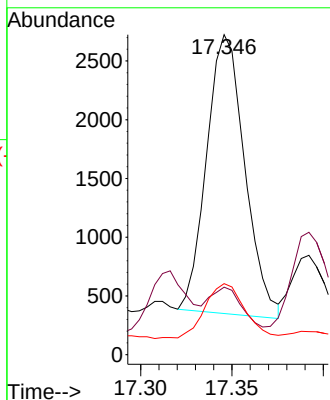
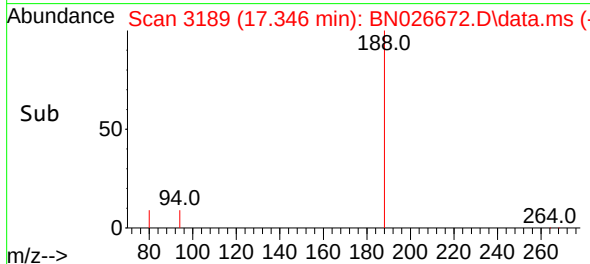
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 344
 Ion Ratio Lower Upper
 178 100
 179 21.1 14.8 22.2
 176 22.2 16.6 25.0

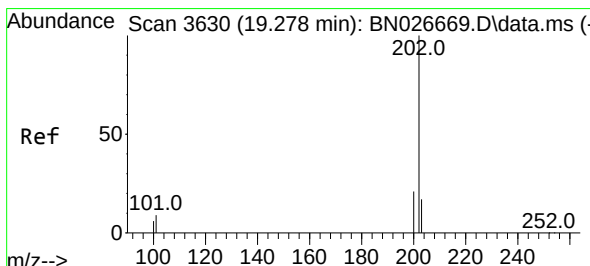
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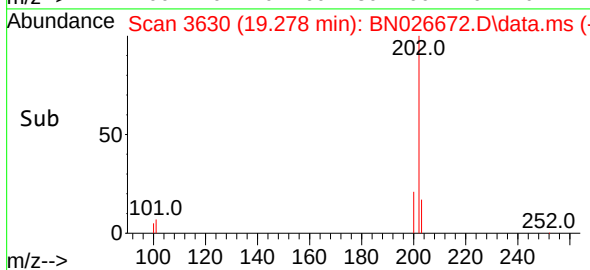
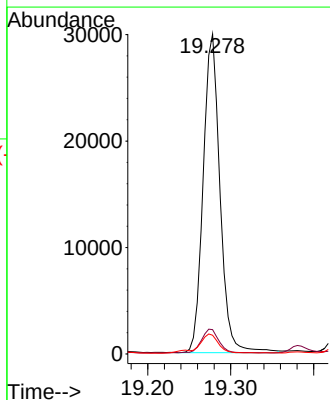
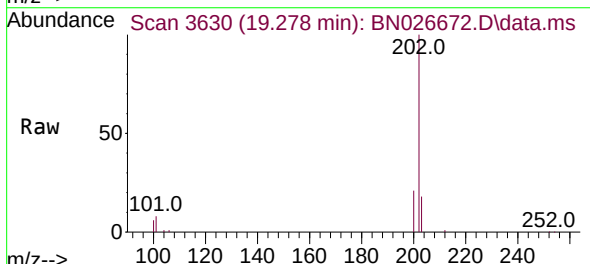
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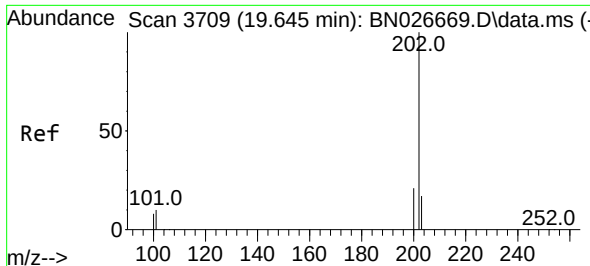
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#19
 Fluoranthene
 Concen: 0.920 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.000 min
 Lab File: BN026672.D
 Acq: 23 Jul 2023 12:16

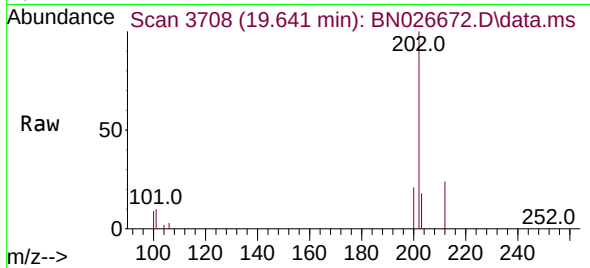
Tgt Ion:202 Resp: 42259
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.0 10.4
 100 5.8 6.0 9.0#





#20
Pyrene
Concen: 0.934 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

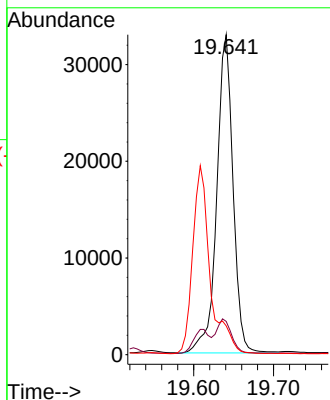
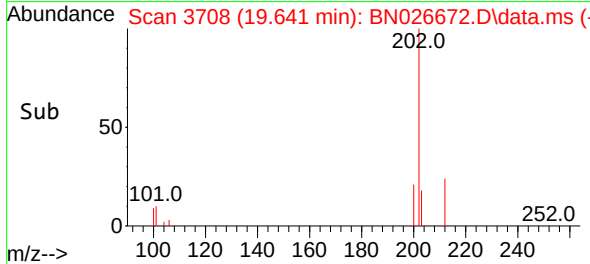
Instrument :
BNA_N
ClientSampleId :
A46R1



Tgt Ion:202 Resp: 46598
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 9.0 6.2 9.2

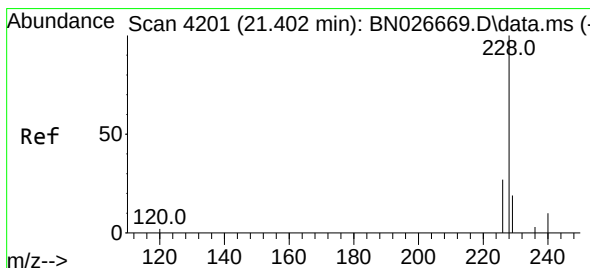
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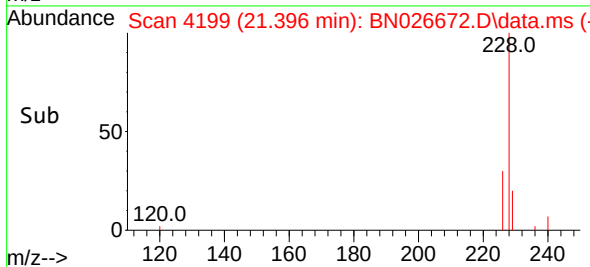
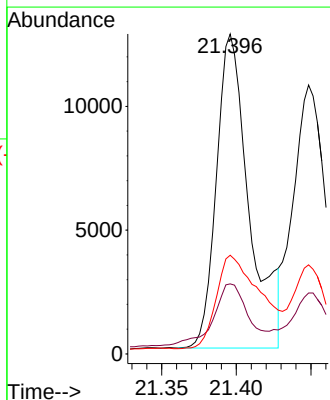
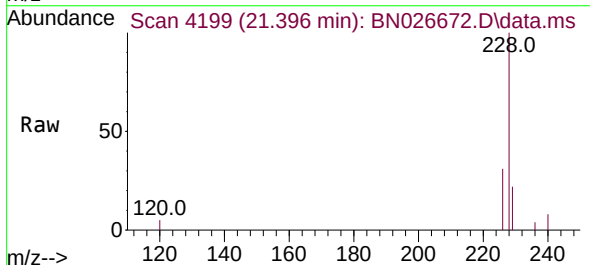
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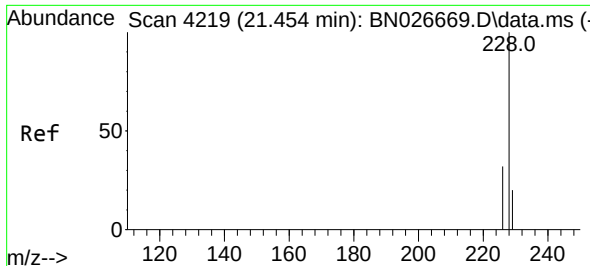
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#21
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

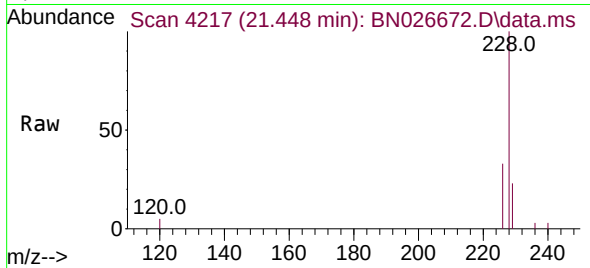
Tgt Ion:228 Resp: 19323
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 30.8 23.5 35.3





#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.448 min Scan# 4219
Delta R.T. -0.006 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

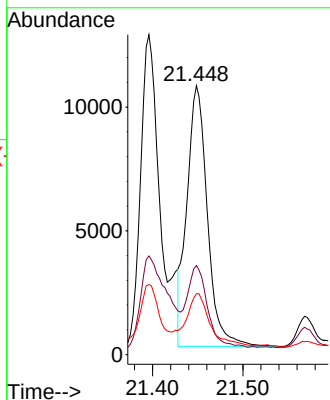
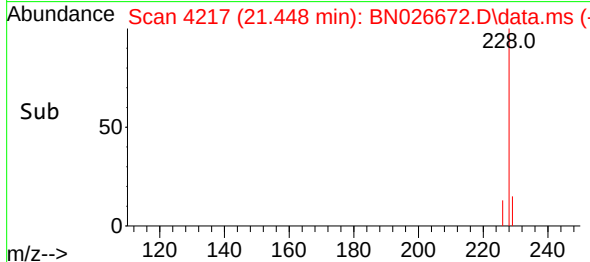
Instrument :
BNA_N
ClientSampleId :
A46R1



Tgt Ion:228 Resp: 16592
Ion Ratio Lower Upper
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226 33.1 25.2 37.8
229 22.7 16.4 24.6

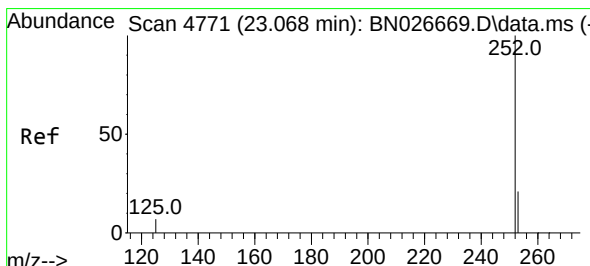
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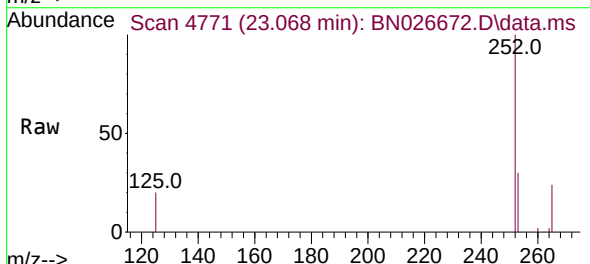


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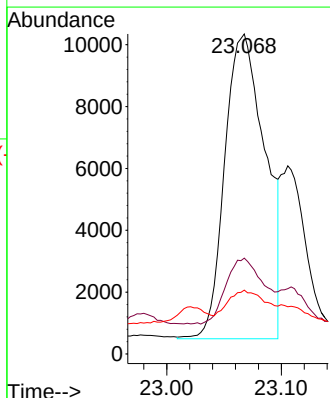
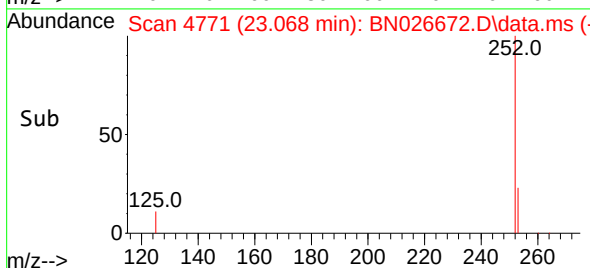
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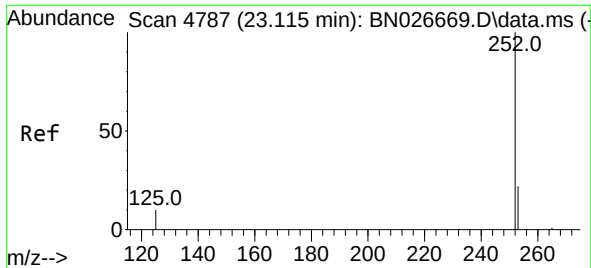


#24
Benzo(b)fluoranthene
Concen: 0.596 ng/ul m
RT: 23.068 min Scan# 4771
Delta R.T. -0.000 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16



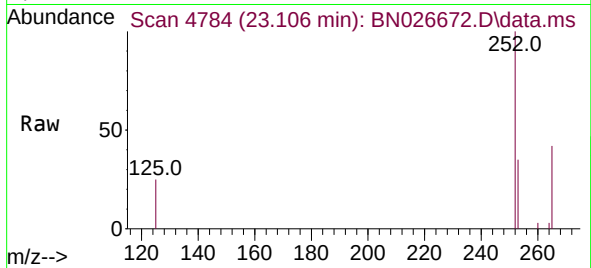
Tgt Ion:252 Resp: 24203
Ion Ratio Lower Upper
252 100
253 30.0 0.0 68.6
125 19.9 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.199 ng/ul m
RT: 23.106 min Scan# 4787
Delta R.T. -0.009 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

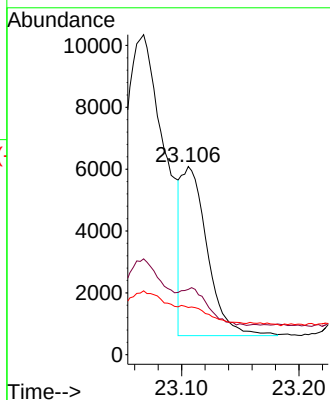
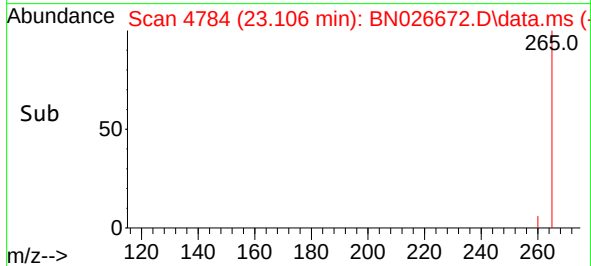
Instrument :
BNA_N
ClientSampleId :
A46R1



Tgt Ion:252 Resp: 846
Ion Ratio Lower Upper
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253 34.7 27.2 40.8
125 25.1 13.4 20.2

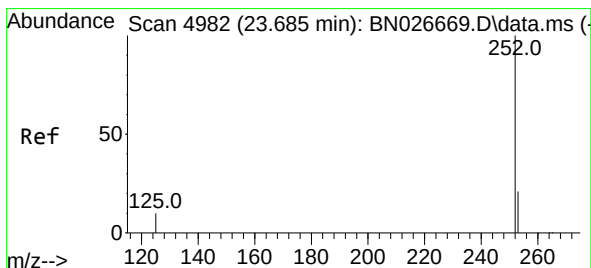
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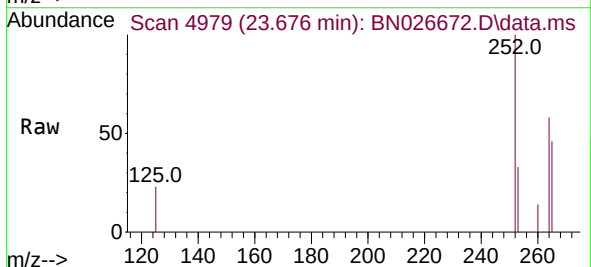


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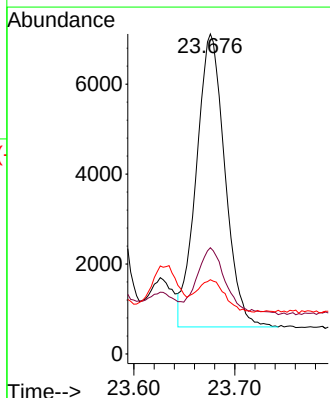
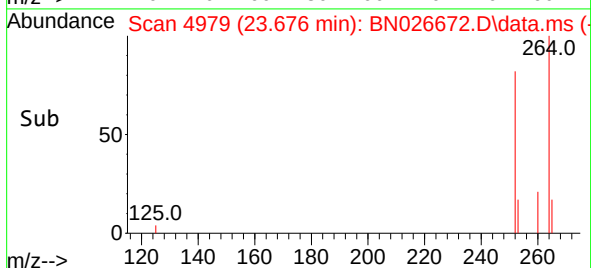
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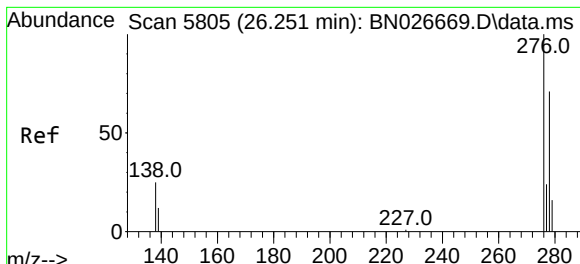


#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.676 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16



Tgt Ion:252 Resp: 12808
Ion Ratio Lower Upper
252 100
253 33.2 32.6 49.0
125 23.2 19.3 28.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.246 ng/ul
 RT: 26.237 min Scan# 5801
 Delta R.T. -0.014 min
 Lab File: BN026672.D
 Acq: 23 Jul 2023 12:16

Instrument :

BN026672.D

ClientSampleId :

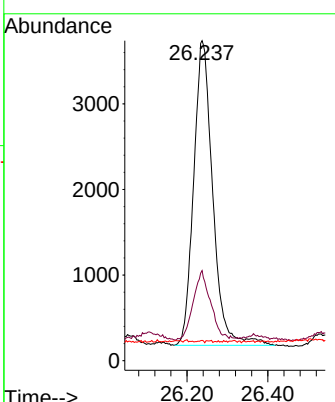
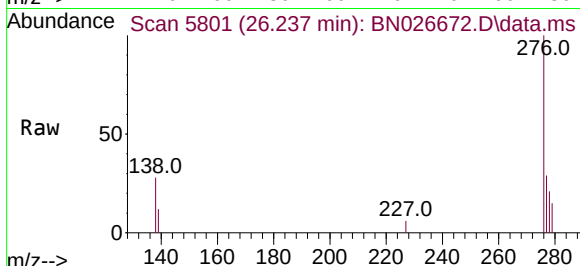
A46R1

Tgt Ion: 276 Resp: 1166

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.2	33.4
227	0.2	0.1	0.1

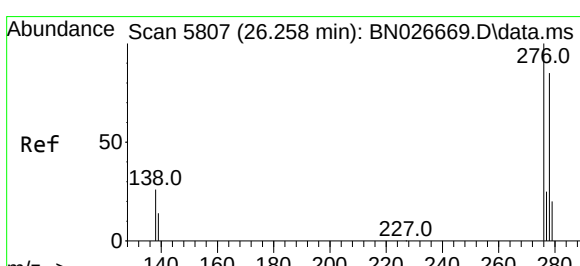
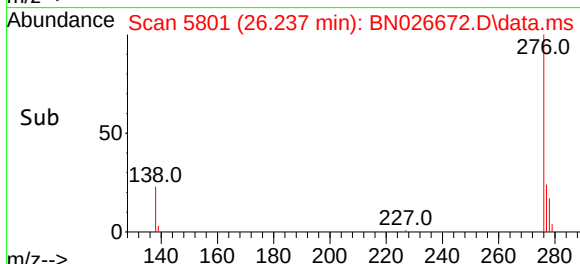
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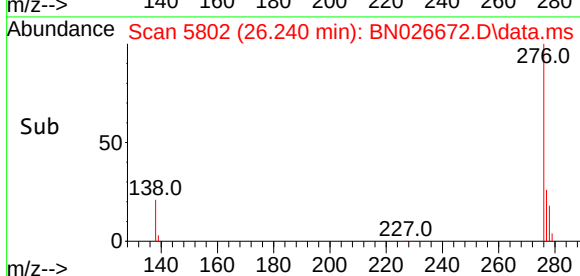
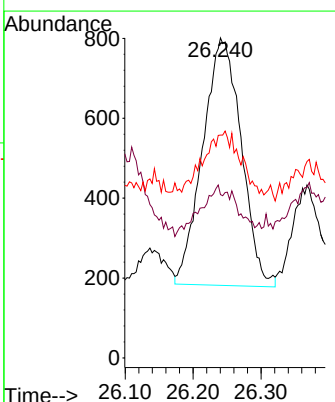
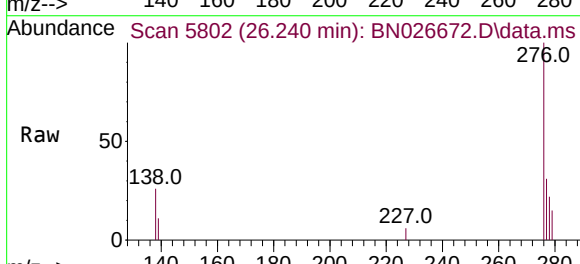
07/24/2023

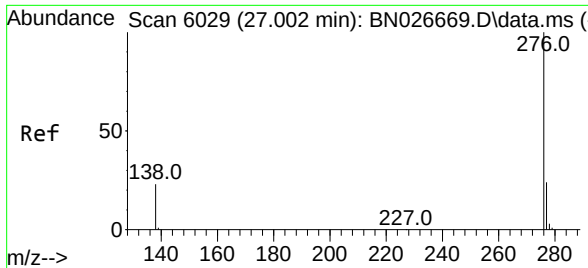


#28
 Dibenzo(a,h)anthracene
 Concen: 0.067 ng/ul
 RT: 26.240 min Scan# 5802
 Delta R.T. -0.017 min
 Lab File: BN026672.D
 Acq: 23 Jul 2023 12:16

Tgt Ion: 278 Resp: 2438

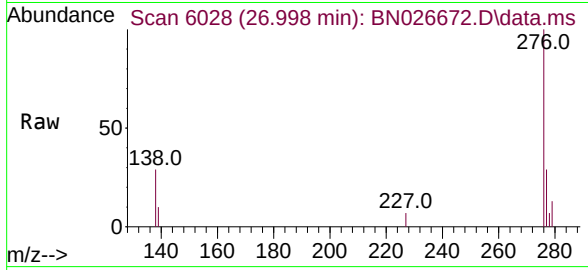
Ion	Ratio	Lower	Upper
278	100		
139	51.1	18.9	28.3
279	69.7	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.269 ng/ul
RT: 26.998 min Scan# 6028
Delta R.T. -0.004 min
Lab File: BN026672.D
Acq: 23 Jul 2023 12:16

Instrument :
BNA_N
ClientSampleId :
A46R1

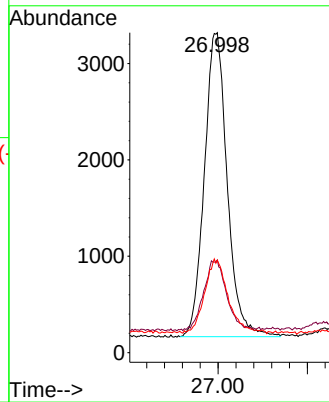
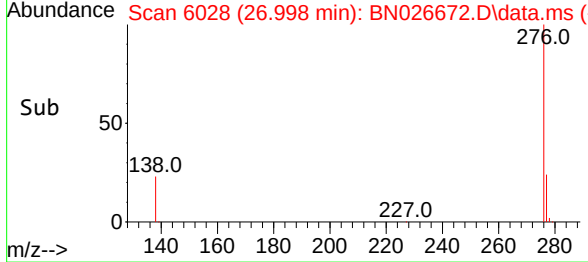


Tgt Ion: 276 Resp: 11238

Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.6	34.0
277	28.9	21.8	32.8

Manual Integrations
APPROVED

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



07/24/2023
Supervised By :mohammad
ahmed

07/24/2023