

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029102.D
 Acq On : 07 Dec 2023 21:56
 Operator : MA/JU
 Sample : 05611-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-1-DUPLICATE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 07 22:57:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	990	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2052	0.400	ng	-0.01
13) Acenaphthene-d10	14.386	164	1393	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	3245	0.400	ng	0.00
29) Chrysene-d12	21.347	240	1877	0.400	ng	# 0.00
35) Perylene-d12	23.661	264	2154	0.400	ng	# 0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	797	0.356	ng	0.00
5) Phenol-d6	6.973	99	896	0.335	ng	0.00
8) Nitrobenzene-d5	8.939	82	832	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	1231	0.286	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	269	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	2697	0.374	ng	-0.01
27) Fluoranthene-d10	19.176	212	3026	0.297	ng	0.00
31) Terphenyl-d14	19.785	244	1978	0.416	ng	0.00

Target Compounds						Qvalue
25) Phenanthrene	17.184	178	498	0.046	ng	# 94
28) Fluoranthene	19.209	202	1301	0.087	ng	# 96
30) Pyrene	19.571	202	1100	0.095	ng	# 93
32) Benzo(a)anthracene	21.329	228	579	0.061	ng	# 79
33) Chrysene	21.383	228	526	0.056	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.275	149	862	0.147	ng	95
36) Indeno(1,2,3-cd)pyrene	26.026	276	347	0.032	ng	# 89
37) Benzo(b)fluoranthene	22.956	252	801	0.069	ng	# 12
38) Benzo(k)fluoranthene	23.003	252	404m	0.037	ng	
39) Benzo(a)pyrene	23.553	252	532	0.056	ng	# 1
41) Benzo(g,h,i)perylene	26.760	276	322	0.035	ng	# 26

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

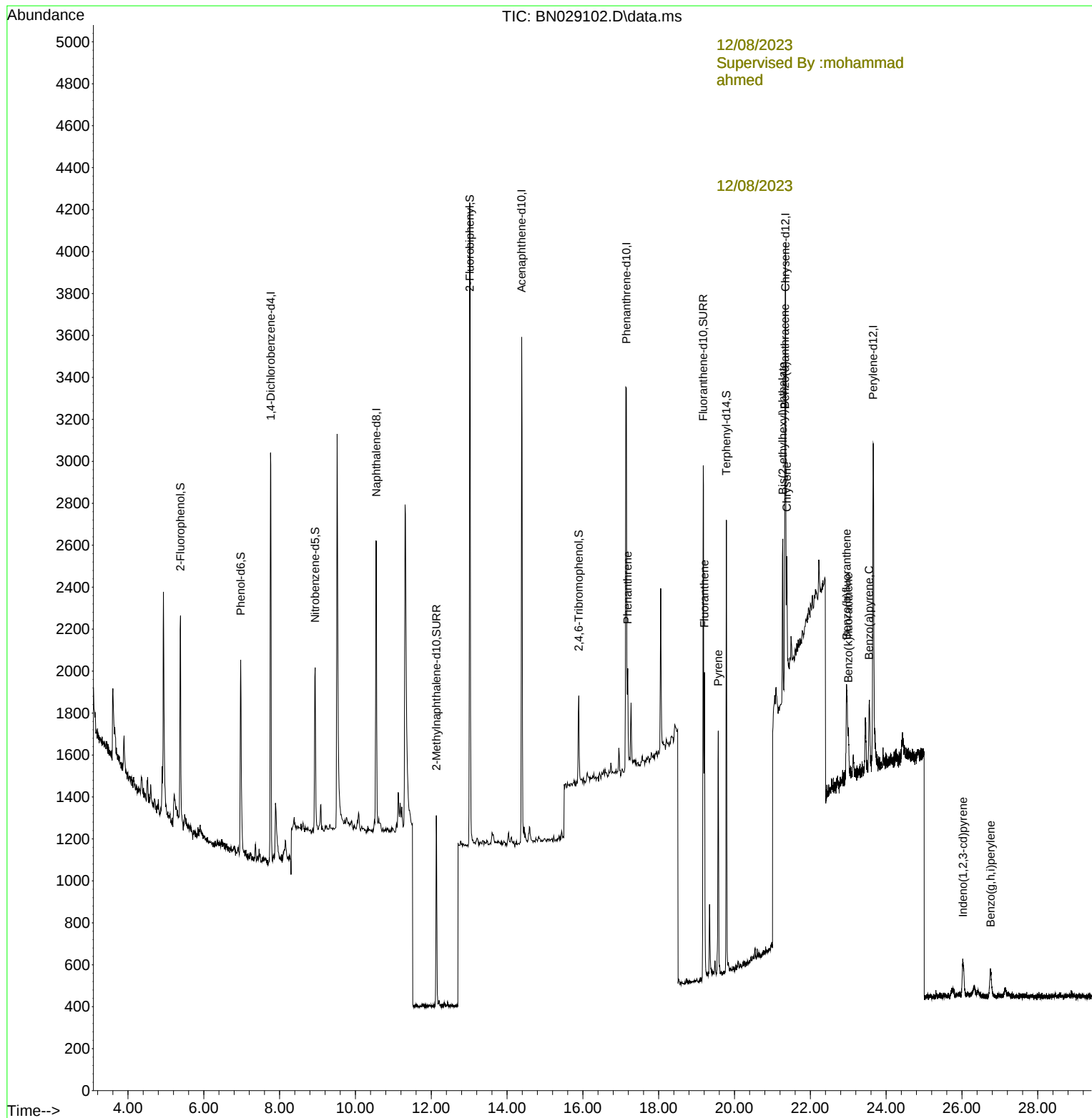
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029102.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
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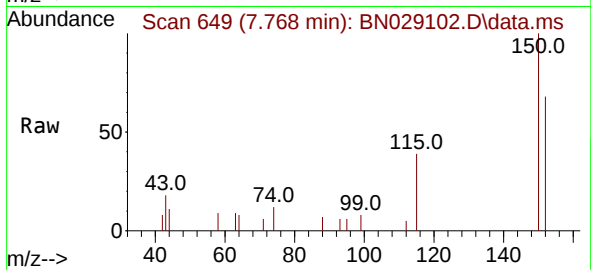
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Supervised By :mohammad ahmed 12/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.007 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

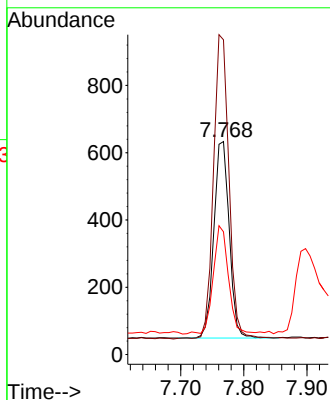
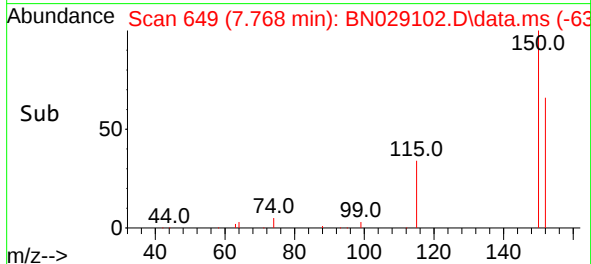
Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE



Tgt Ion:152 Resp: 990
Ion Ratio Lower Upper
152 100
150 147.9 116.2 174.4
115 57.7 45.1 67.7

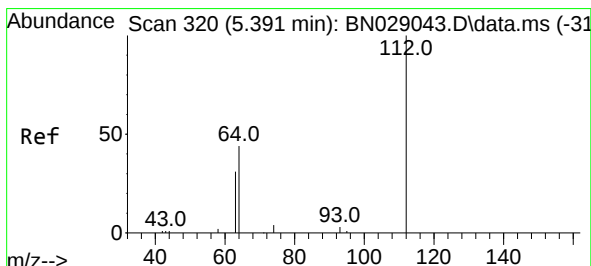
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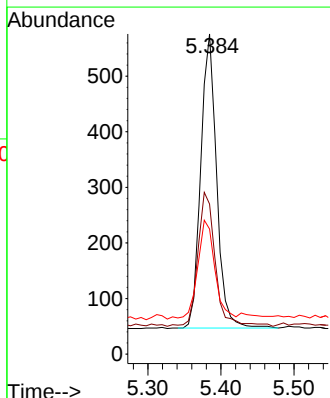
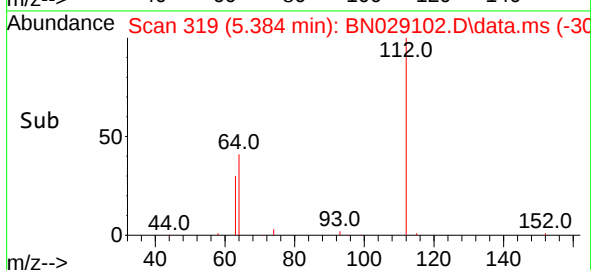
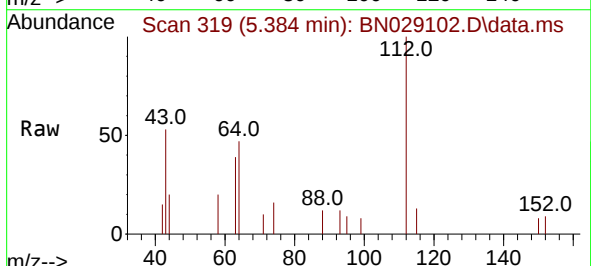
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ahmed

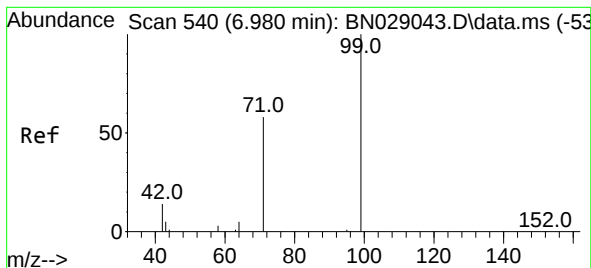
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#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

Tgt Ion:112 Resp: 797
Ion Ratio Lower Upper
112 100
64 50.1 37.0 55.6
63 35.3 29.0 43.6





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.973 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN029102.D

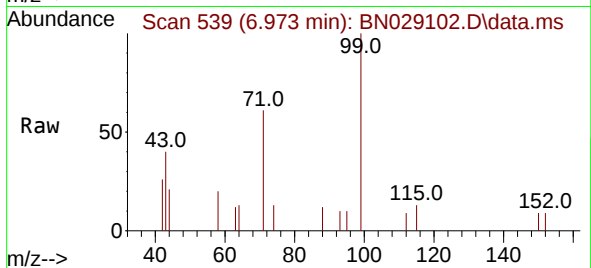
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Instrument :

BNA_N

ClientSampleId :

PE-1-DUPLICATE



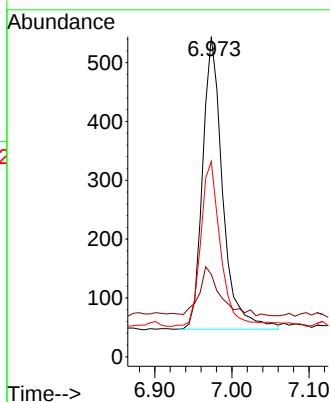
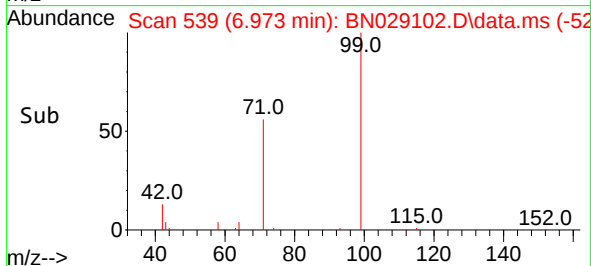
Tgt Ion:	99	Resp:	890
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.4	20.2
71	56.8	47.8	71.6

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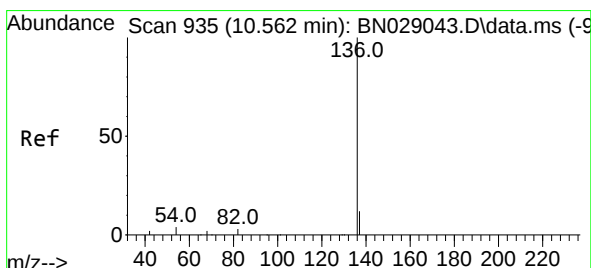
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ahmed

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#7

Naphthalene-d8

Concen: 0.400 ng

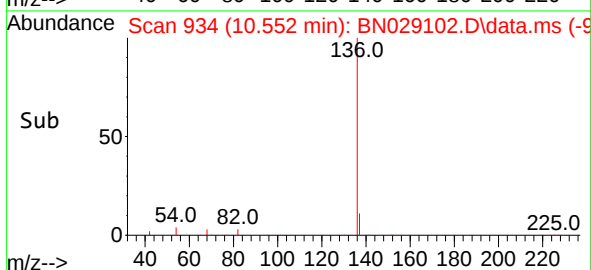
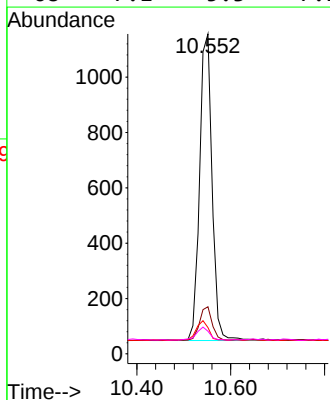
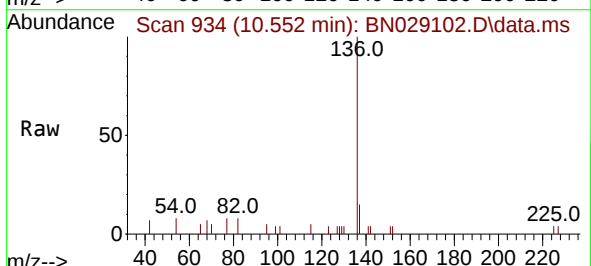
RT: 10.552 min Scan# 934

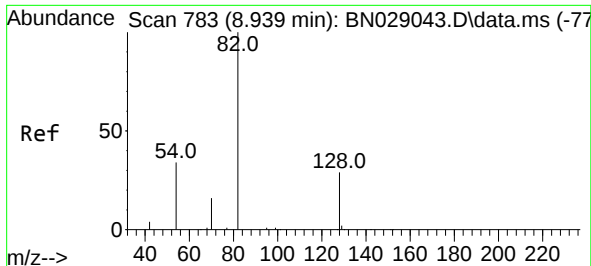
Delta R.T. -0.011 min

Lab File: BN029102.D

Acq: 07 Dec 2023 21:56

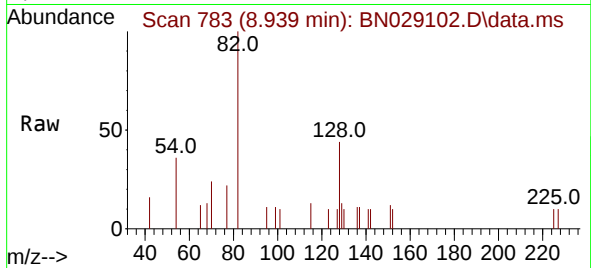
Tgt Ion:	136	Resp:	2052
Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.9	17.9
54	8.2	6.4	9.6
68	7.1	5.3	7.9





#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.939 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

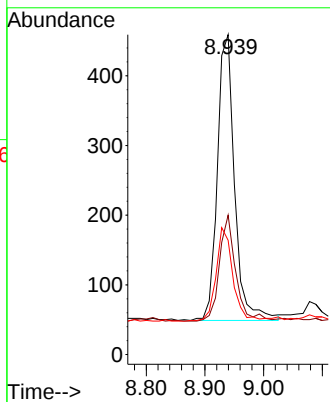
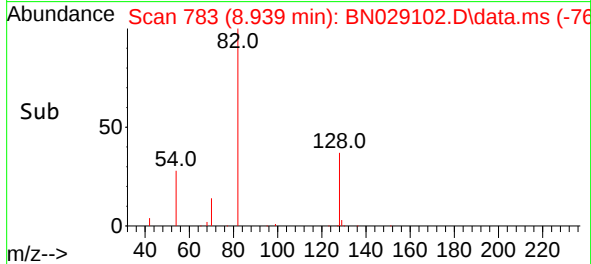
Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE



Tgt Ion: 82 Resp: 832
Ion Ratio Lower Upper
82 100
128 43.6 28.2 42.4
54 35.7 32.1 48.1

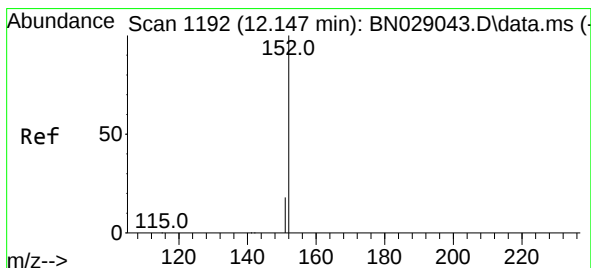
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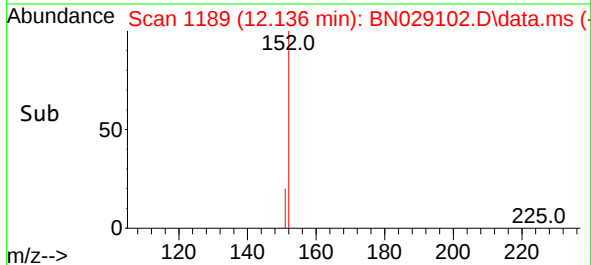
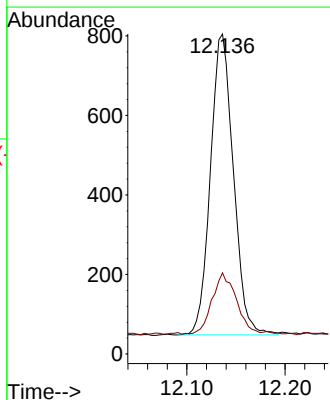
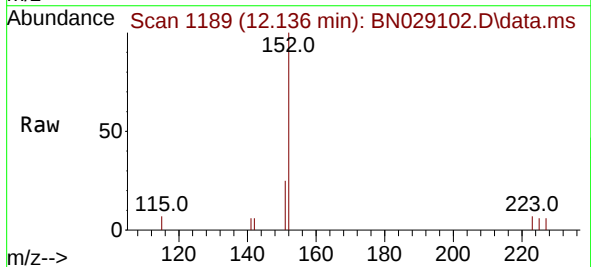
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ahmed

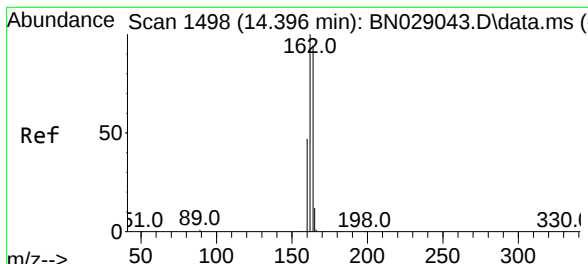
12/08/2023



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.136 min Scan# 1189
Delta R.T. -0.011 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

Tgt Ion:152 Resp: 1231
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0





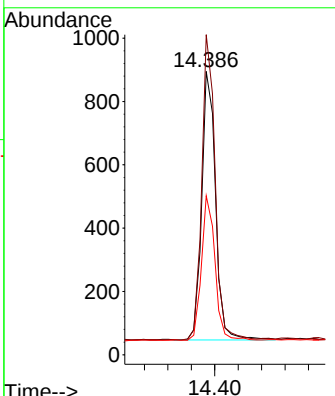
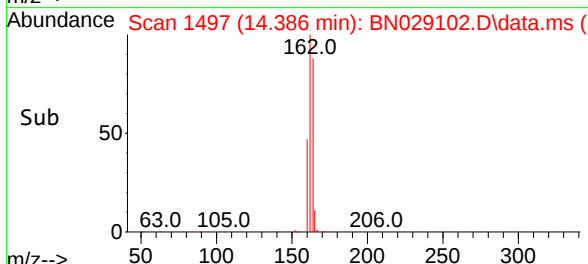
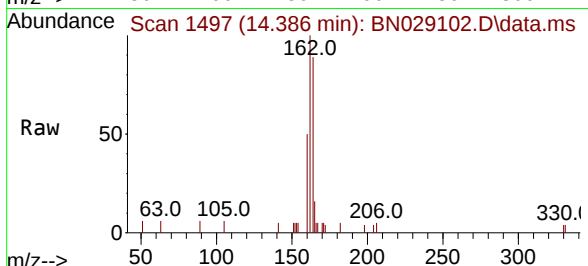
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.386 min Scan# 1497
 Delta R.T. -0.011 min
 Lab File: BN029102.D
 Acq: 07 Dec 2023 21:56

Instrument : BNA_N
 ClientSampleId : PE-1-DUPLICATE

Tgt Ion:	164	Resp:	139
Ion Ratio	Lower	Upper	
164	100		
162	113.0	85.0	127.6
160	56.1	41.3	61.9

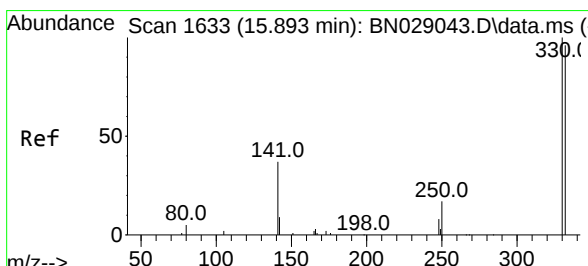
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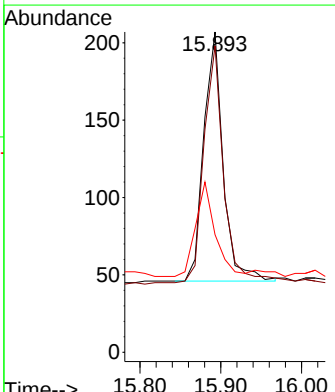
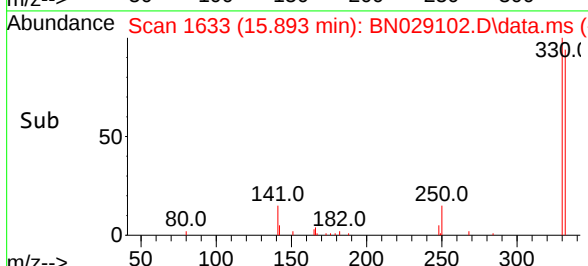
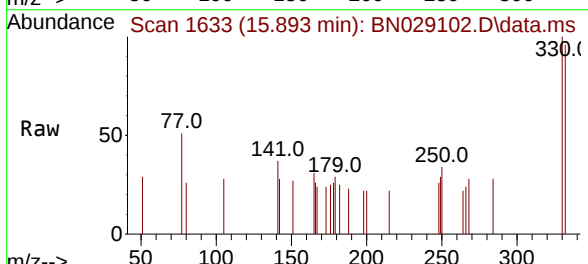
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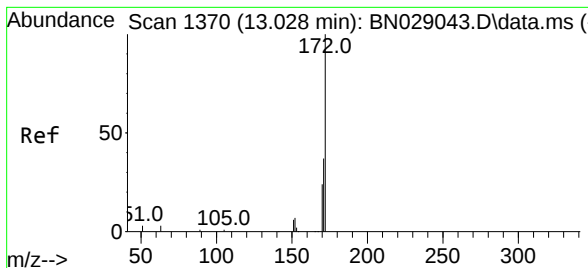
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#14
 2,4,6-Tribromophenol
 Concen: 0.175 ng
 RT: 15.893 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: BN029102.D
 Acq: 07 Dec 2023 21:56

Tgt Ion:	330	Resp:	269
Ion Ratio	Lower	Upper	
330	100		
332	100.7	78.8	118.2
141	38.3	28.7	43.1





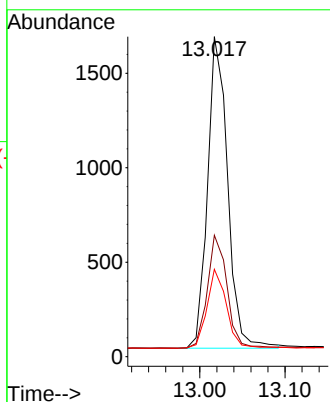
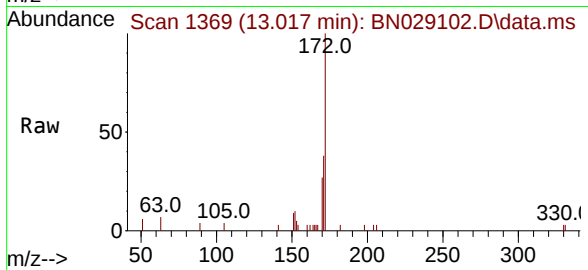
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.017 min Scan# 1369
Delta R.T. -0.011 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE

Tgt Ion:172 Resp: 269
Ion Ratio Lower Upper
172 100
171 38.0 30.1 45.1
170 27.3 20.3 30.5

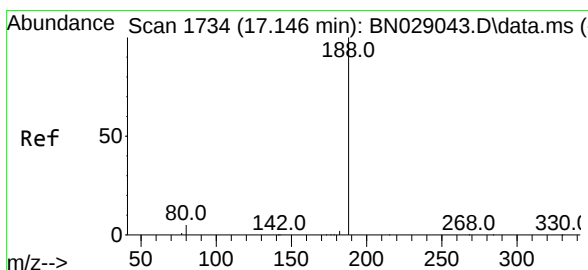
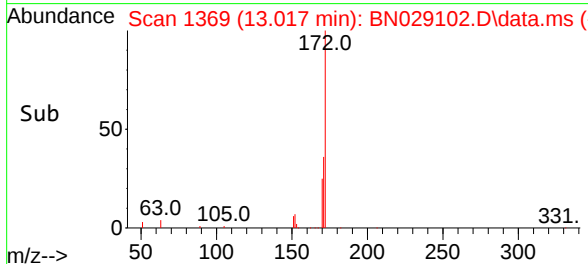
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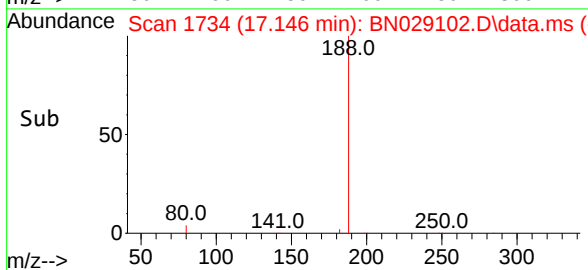
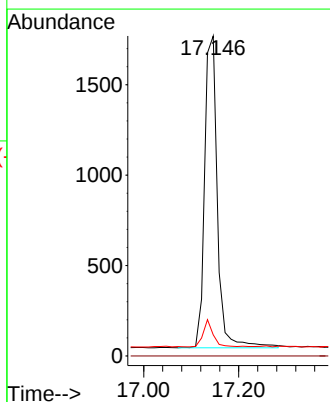
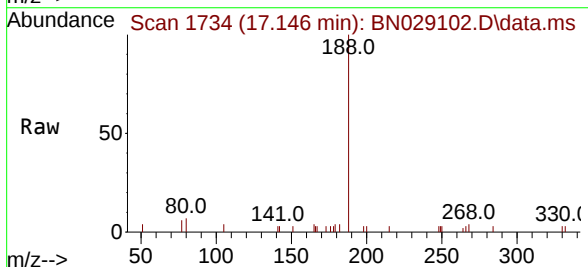
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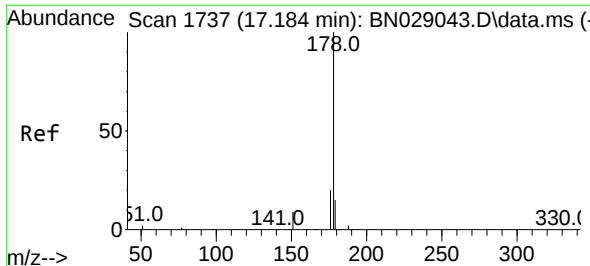
12/08/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

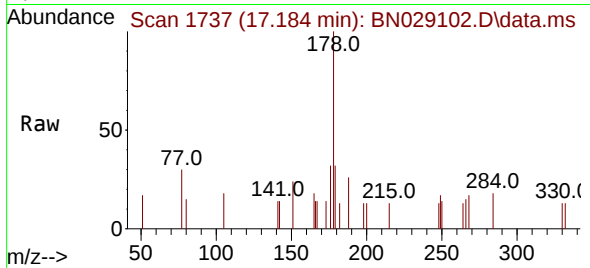
Tgt Ion:188 Resp: 3245
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.4 8.0





#25
Phenanthrene
Concen: 0.046 ng
RT: 17.184 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

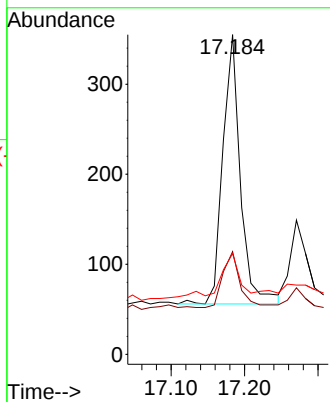
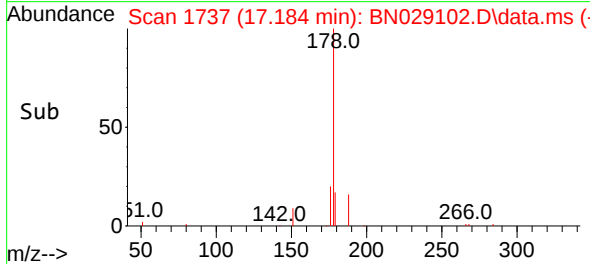
Instrument :
BNA_N
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PE-1-DUPLICATE



Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	20.3	12.6	18.8

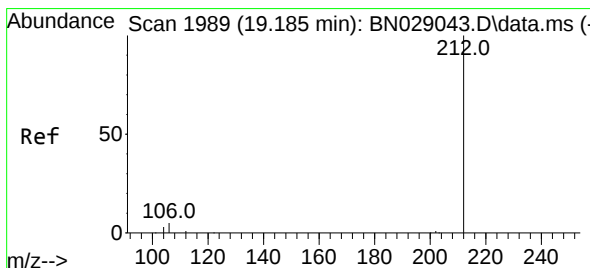
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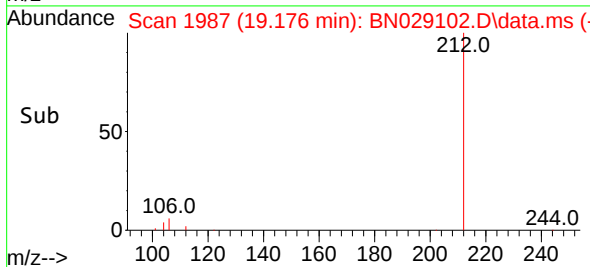
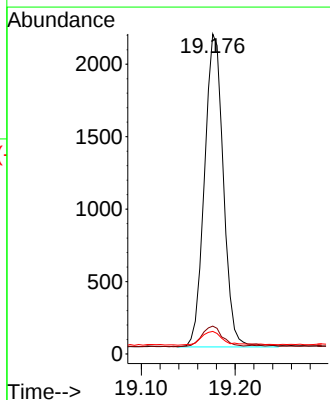
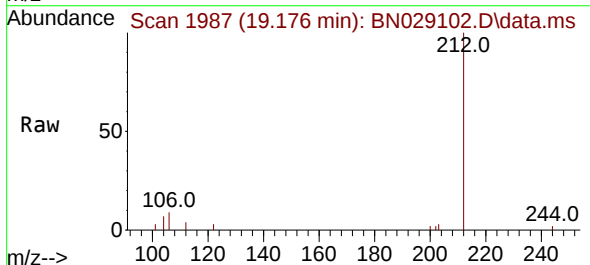
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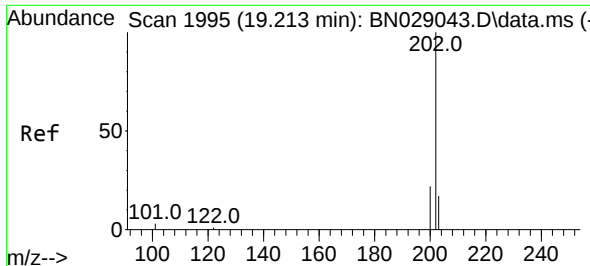
12/08/2023



#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.176 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

Tgt Ion	Ratio	Lower	Upper
212	100		
106	7.2	3.9	5.9#
104	5.3	2.6	3.8#





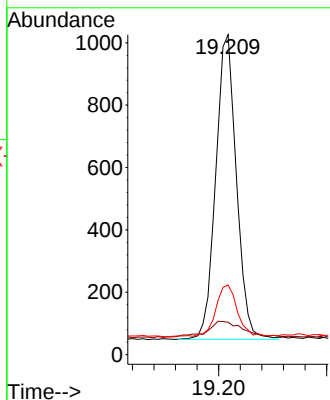
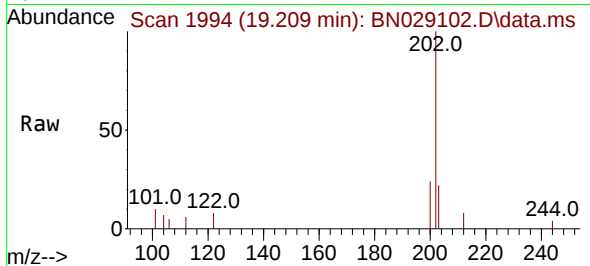
#28
Fluoranthene
Concen: 0.087 ng
RT: 19.209 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE

Tgt Ion:202 Resp: 130
Ion Ratio Lower Upper
202 100
101 9.6 3.0 4.6
203 17.7 13.8 20.6

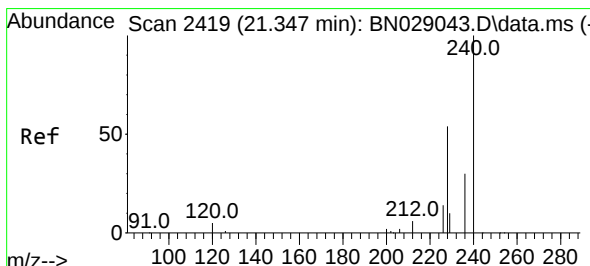
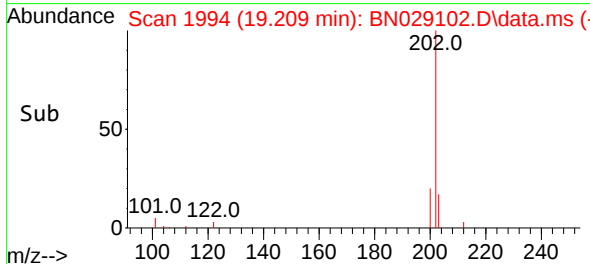
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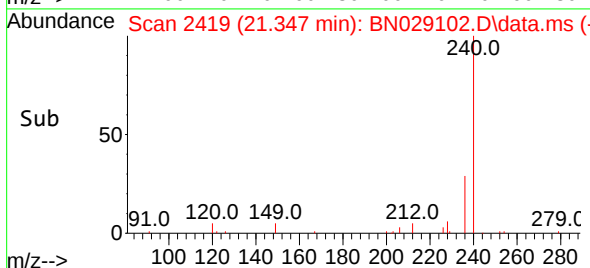
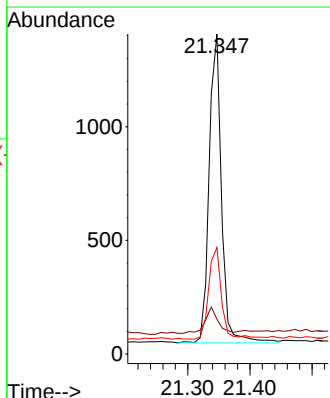
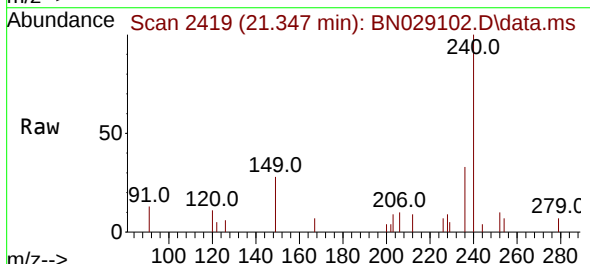
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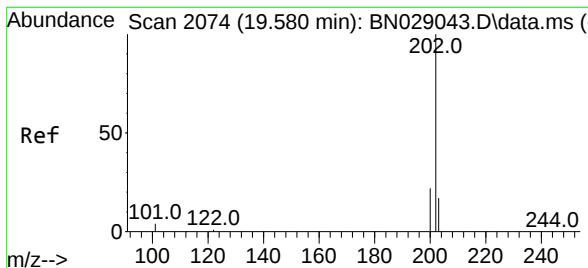
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

Tgt Ion:240 Resp: 1877
Ion Ratio Lower Upper
240 100
120 10.9 6.7 10.1#
236 33.2 25.7 38.5





#30

Pyrene

Concen: 0.095 ng

RT: 19.571 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN029102.D

Acq: 07 Dec 2023 21:56

Instrument :

BNA_N

ClientSampleId :

PE-1-DUPLICATE

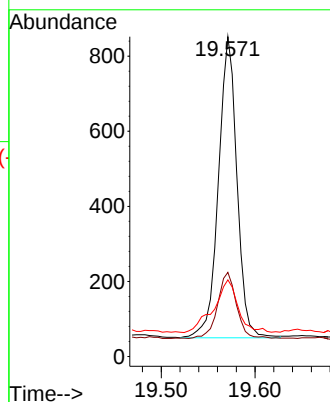
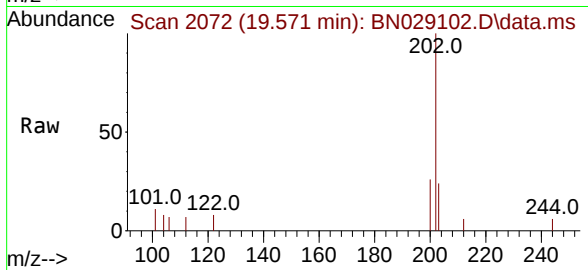
Tgt Ion:	202	Resp:	1100
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.0	25.6
203	22.8	14.2	21.4

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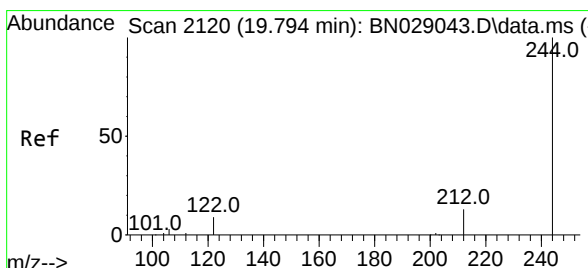
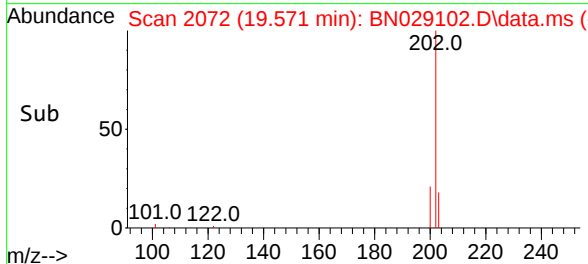
Supervised By :mohammad ahmed 12/08/2023



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ahmed

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#31

Terphenyl-d14

Concen: 0.416 ng

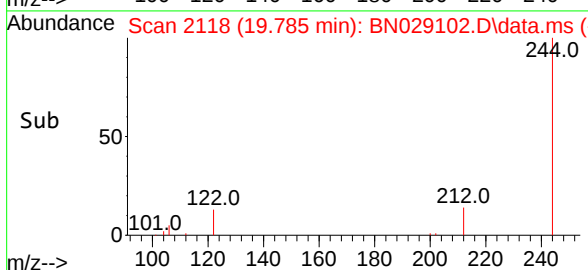
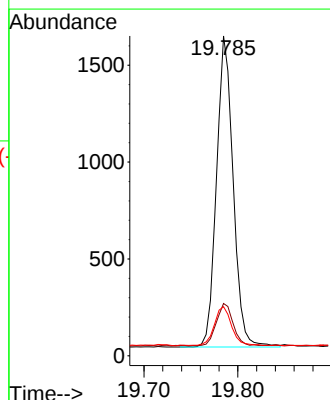
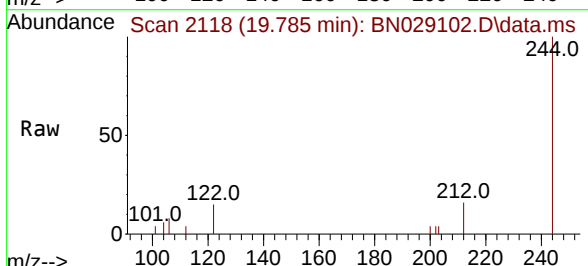
RT: 19.785 min Scan# 2118

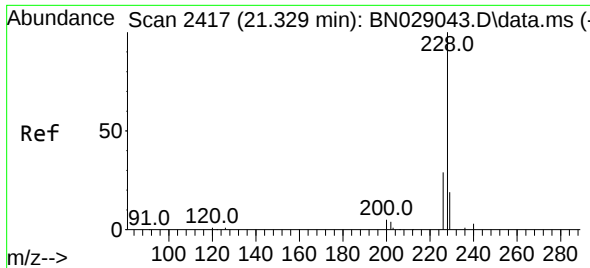
Delta R.T. -0.009 min

Lab File: BN029102.D

Acq: 07 Dec 2023 21:56

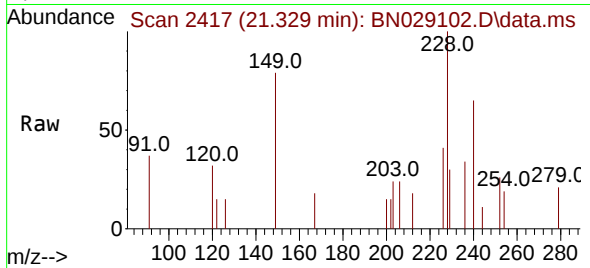
Tgt Ion:	244	Resp:	1978
Ion Ratio	Lower	Upper	
244	100		
212	16.4	11.6	17.4
122	15.4	8.2	12.4





#32
Benzo(a)anthracene
Concen: 0.061 ng
RT: 21.329 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

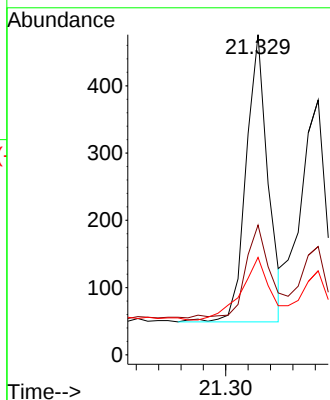
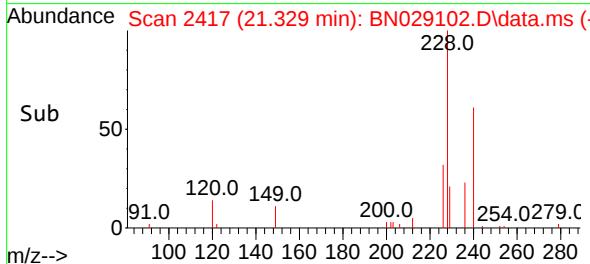
Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE



Tgt Ion:228 Resp: 579
Ion Ratio Lower Upper
228 100
226 40.5 23.8 35.6
229 30.5 16.0 24.0

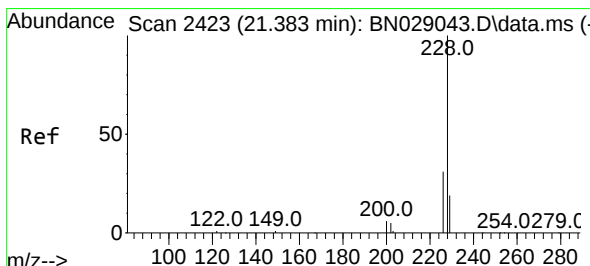
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Supervised By :mohammad ahmed 12/08/2023

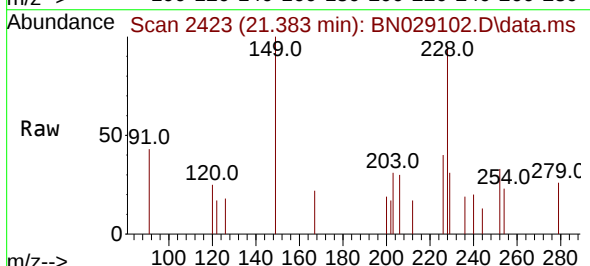


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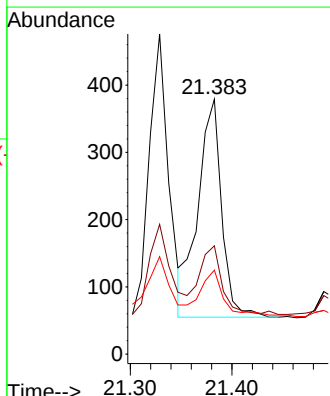
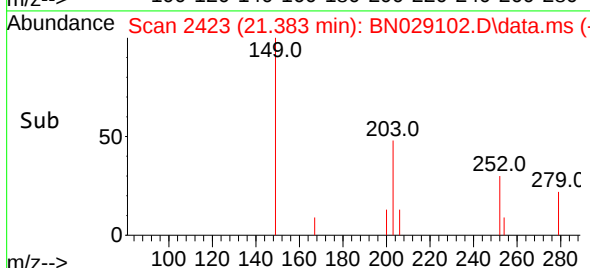
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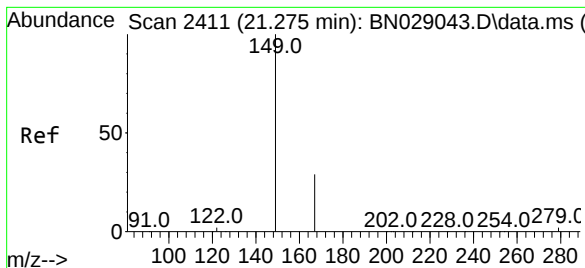


#33
Chrysene
Concen: 0.056 ng
RT: 21.383 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56



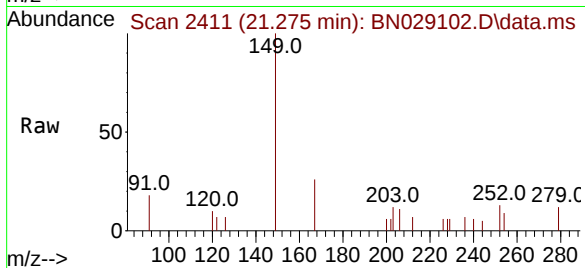
Tgt Ion:228 Resp: 526
Ion Ratio Lower Upper
228 100
226 42.5 25.4 38.0#
229 33.0 16.0 24.0#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.147 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

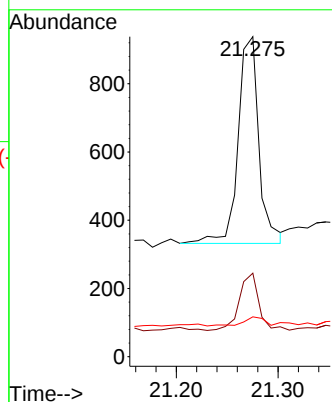
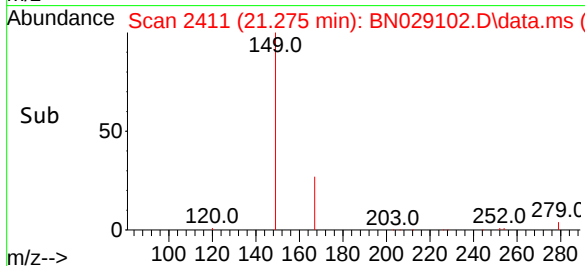
Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE



Tgt Ion:149 Resp: 862
Ion Ratio Lower Upper
149 100
167 26.1 23.4 35.2
279 3.9 3.4 5.2

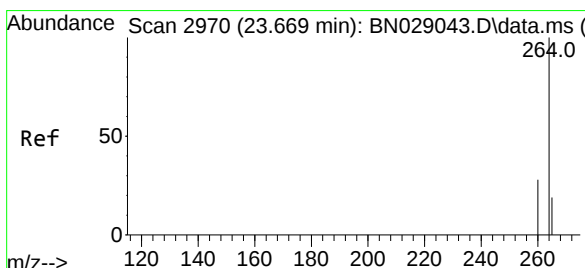
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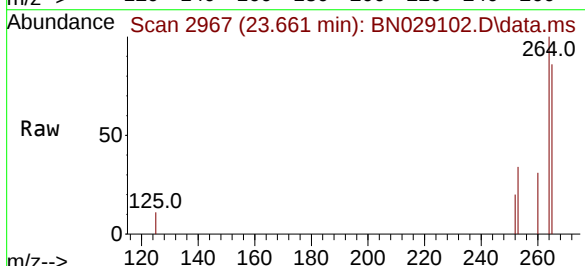


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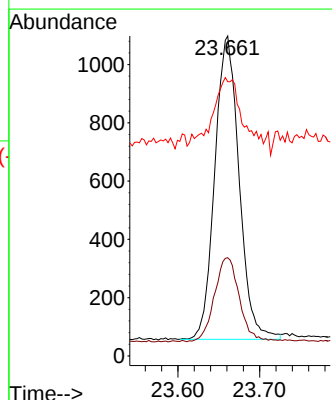
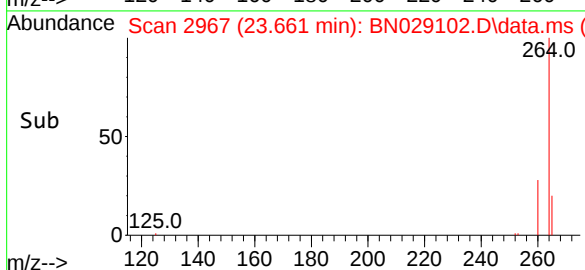
12/08/2023

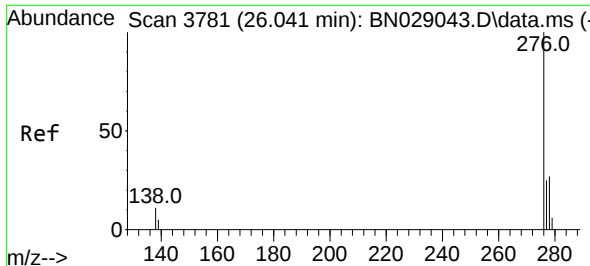


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.661 min Scan# 2967
Delta R.T. -0.009 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56



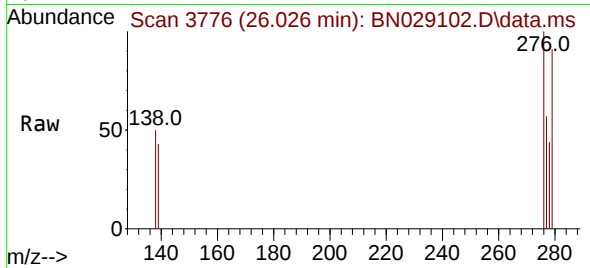
Tgt Ion:264 Resp: 2154
Ion Ratio Lower Upper
264 100
260 30.7 23.9 35.9
265 85.7 52.7 79.1#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 26.026 min Scan# 3781
Delta R.T. -0.015 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

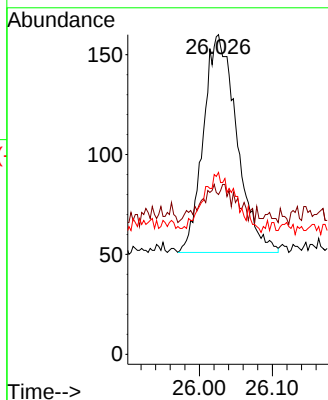
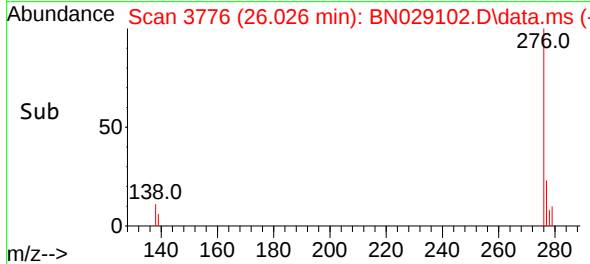
Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE



Tgt Ion:276 Resp: 345
Ion Ratio Lower Upper
276 100
138 2.3 9.6 14.4#
277 22.2 19.4 29.0#

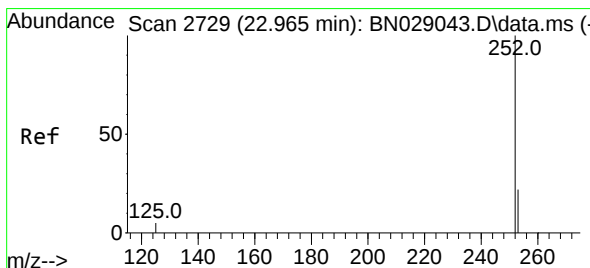
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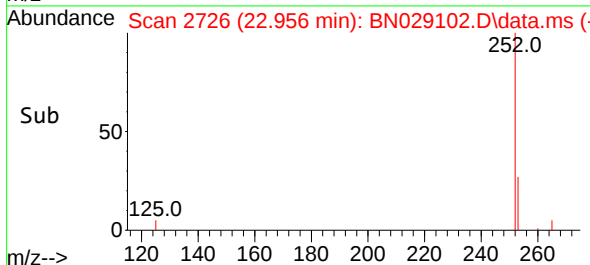
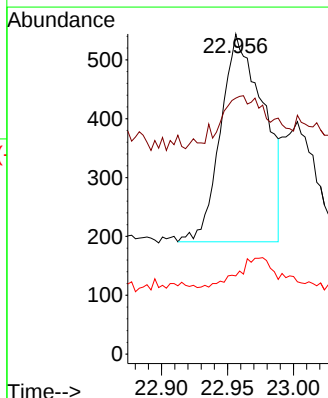
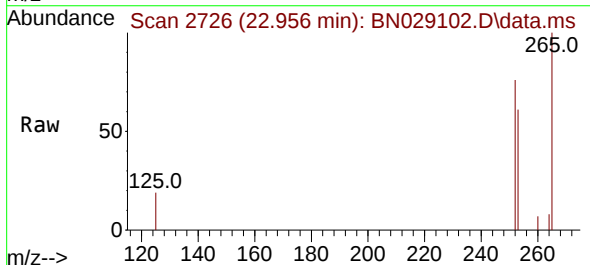
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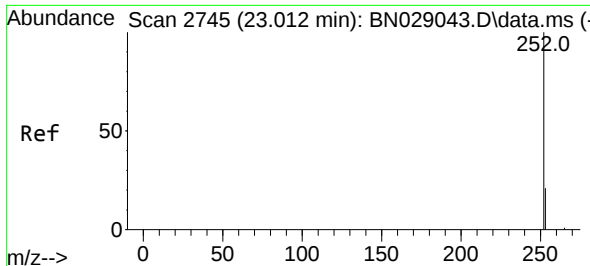
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#37
Benzo(b)fluoranthene
Concen: 0.069 ng
RT: 22.956 min Scan# 2726
Delta R.T. -0.009 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

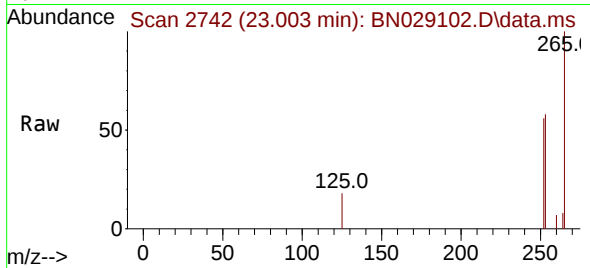
Tgt Ion:252 Resp: 801
Ion Ratio Lower Upper
252 100
253 80.0 23.0 34.6#
125 24.4 5.4 8.0#





#38
Benzo(k)fluoranthene
Concen: 0.037 ng m
RT: 23.003 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56

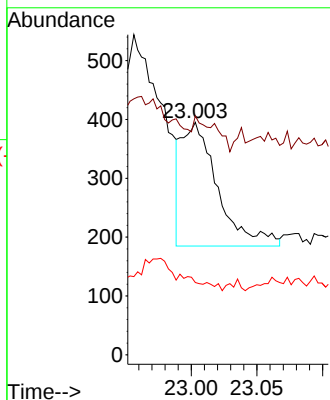
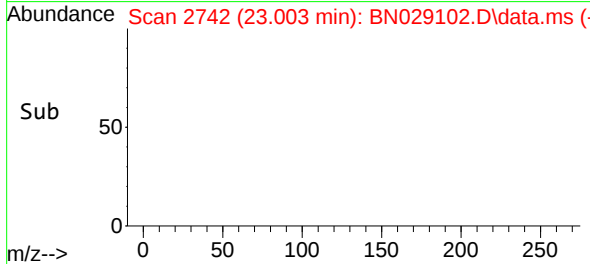
Instrument :
BNA_N
ClientSampleId :
PE-1-DUPLICATE



Tgt Ion:252 Resp: 404
Ion Ratio Lower Upper
252 100
253 102.8 23.0 34.4#
125 31.1 5.0 7.6#

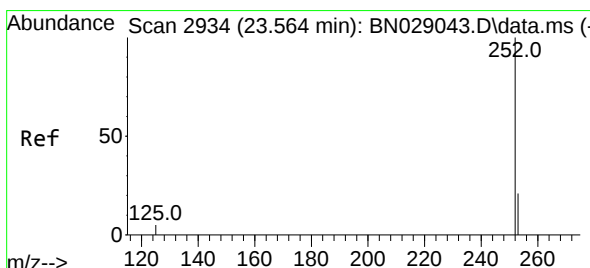
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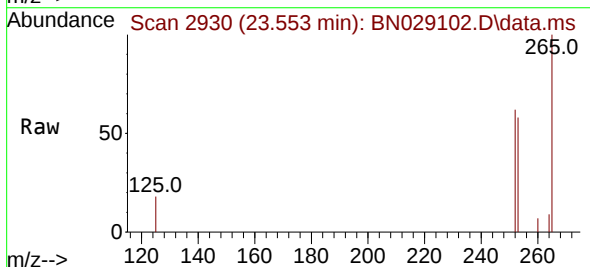


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Supervised By :mohammad
ahmed

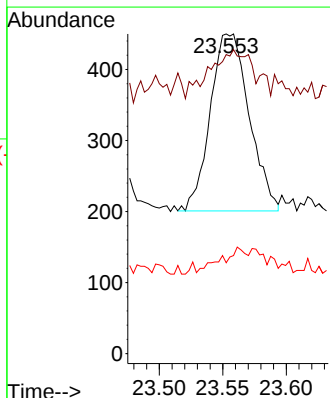
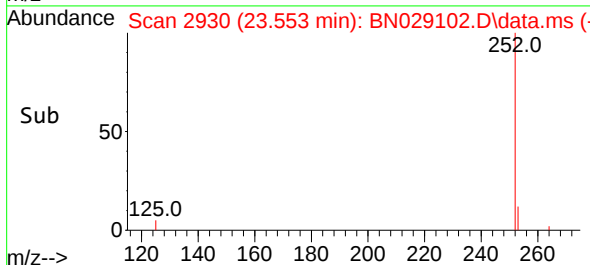
12/08/2023

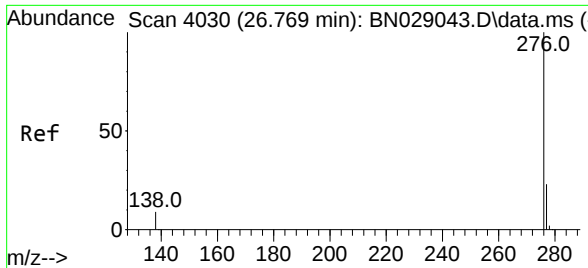


#39
Benzo(a)pyrene
Concen: 0.056 ng
RT: 23.553 min Scan# 2930
Delta R.T. -0.012 min
Lab File: BN029102.D
Acq: 07 Dec 2023 21:56



Tgt Ion:252 Resp: 532
Ion Ratio Lower Upper
252 100
253 93.6 25.3 37.9#
125 28.4 6.5 9.7#





#41

Benzo(g,h,i)perylene

Concen: 0.035 ng

RT: 26.760 min Scan# 40

Delta R.T. -0.009 min

Lab File: BN029102.D

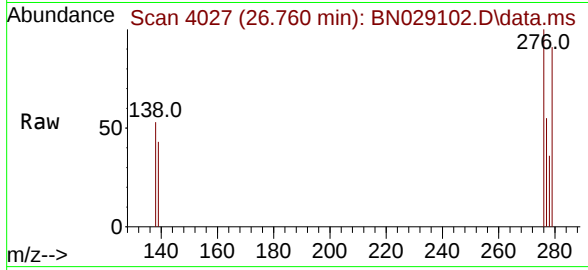
Acq: 07 Dec 2023 21:56

Instrument :

BNA_N

ClientSampleId :

PE-1-DUPLICATE



Tgt Ion:276 Resp: 32

Ion Ratio Lower Upper

276 100

277 54.7 20.3 30.5

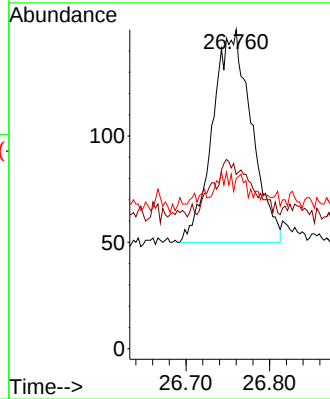
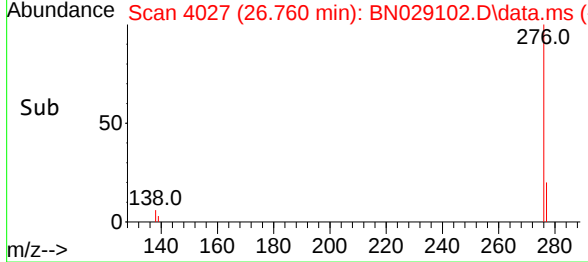
138 53.3 9.2 13.8

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Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



12/08/2023

Supervised By :mohammad
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