

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027900.D
 Acq On : 27 Sep 2023 15:32
 Operator : MA/JU
 Sample : 04472-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 28 00:01:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11658	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17724	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	17492	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	18868	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	7735	2.011	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4356	0.247	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	12718	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	27039	0.812	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	42972	2.033	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	23692	1.086	ng/ul	99
10) Acenaphthylene	14.328	152	2882	0.081	ng/ul#	75
11) Acenaphthene	14.671	153	3892	0.127	ng/ul#	78
12) Fluorene	15.651	166	6305	0.175	ng/ul#	92
15) Phenanthrene	17.397	178	200865	3.606	ng/ul	98
16) Anthracene	17.489	178	23221	0.498	ng/ul#	96
19) Fluoranthene	19.408	202	86561	1.224	ng/ul	97
20) Pyrene	19.776	202	88349m	1.213	ng/ul	
21) Benzo(a)anthracene	21.522	228	53515	0.791	ng/ul#	84
22) Chrysene	21.580	228	104869m	1.499	ng/ul	
24) Benzo(b)fluoranthene	23.246	252	99418m	1.182	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	30199m	0.370	ng/ul	
26) Benzo(a)pyrene	23.901	252	53493	0.791	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.603	276	43504	0.502	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.623	278	14686	0.210	ng/ul#	58
29) Benzo(g,h,i)perylene	27.418	276	51045	0.693	ng/ul	99

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

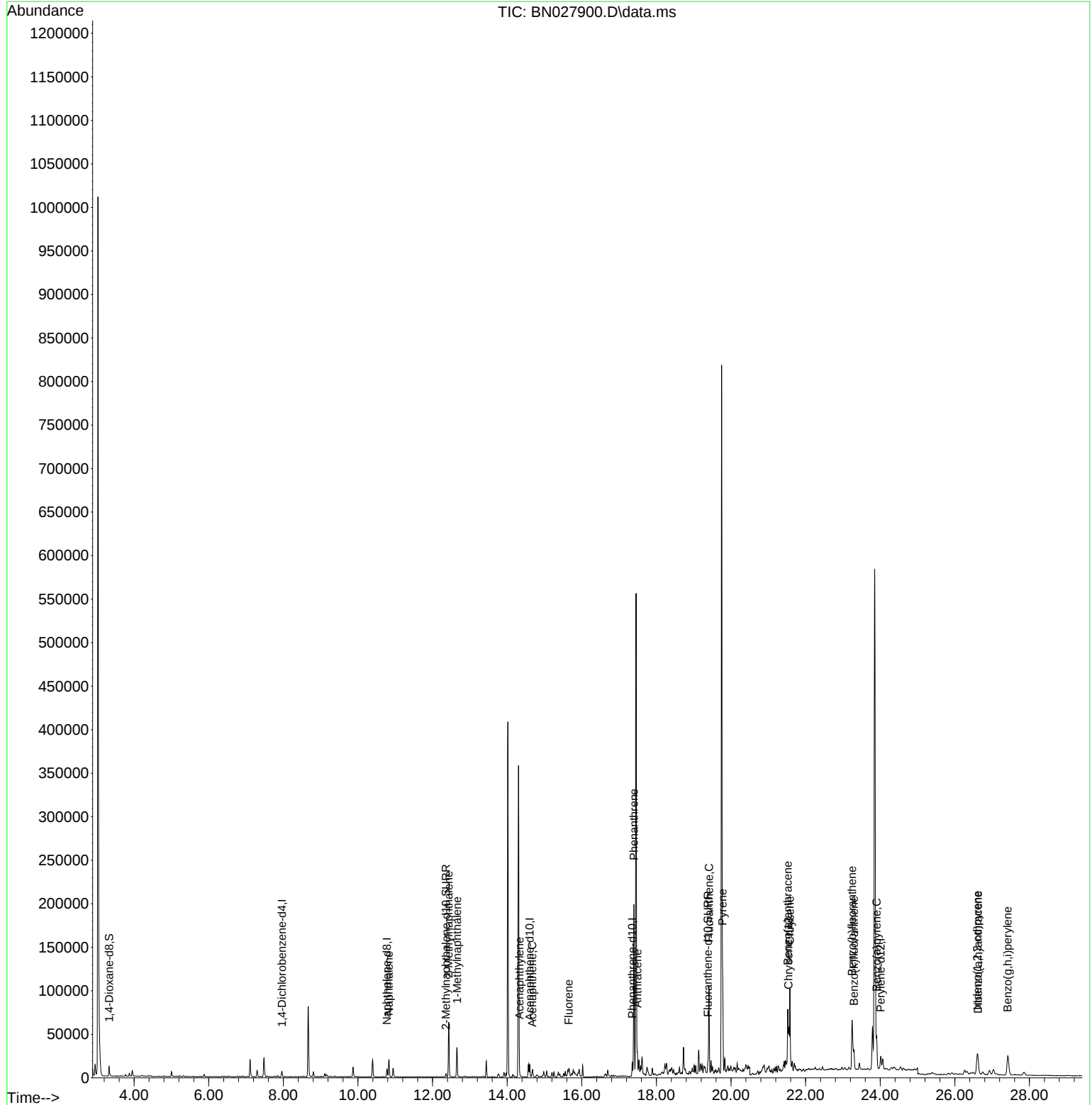
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027900.D
Acq On : 27 Sep 2023 15:32
Operator : MA/JU
Sample : 04472-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

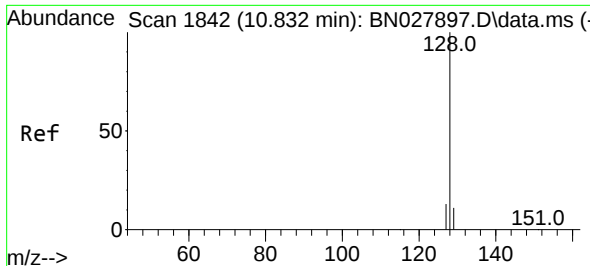
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EZYK8

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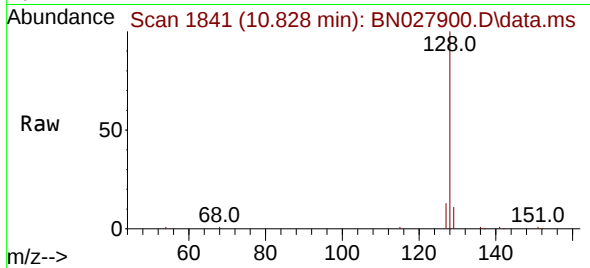
Quant Time: Sep 28 00:01:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.812 ng/ul
RT: 10.828 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

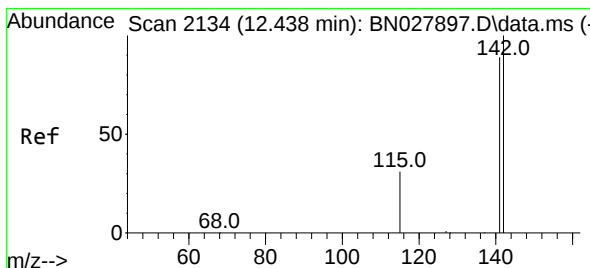
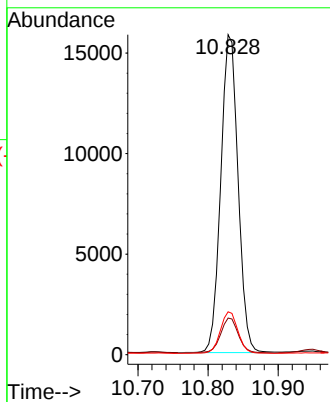
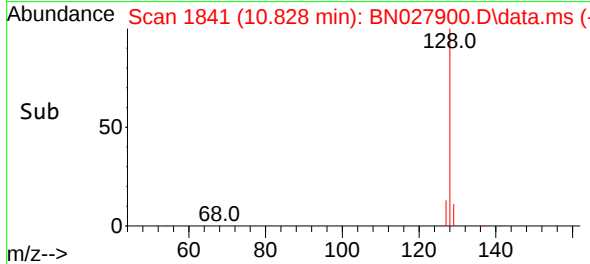
Instrument :
BNA_N
ClientSampleId :
EZYK8



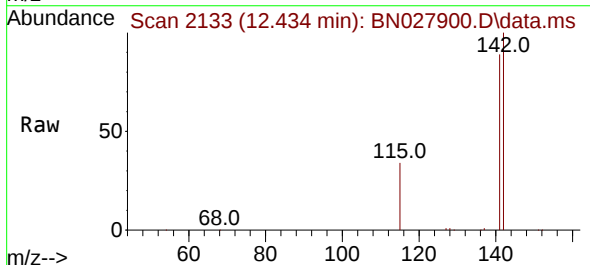
Tgt Ion:128 Resp: 27039
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.7 16.1

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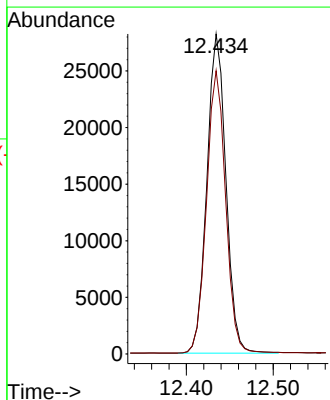
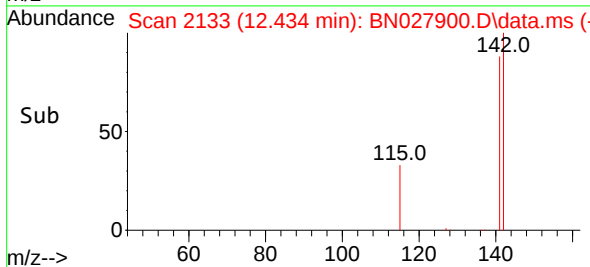
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

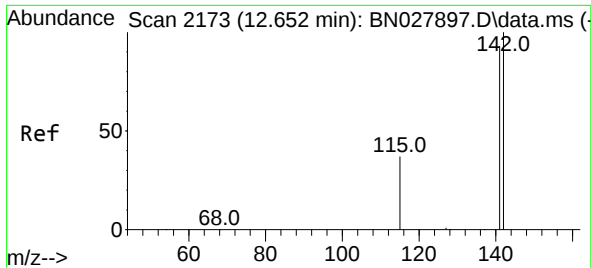


#7
2-Methylnaphthalene
Concen: 2.033 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32



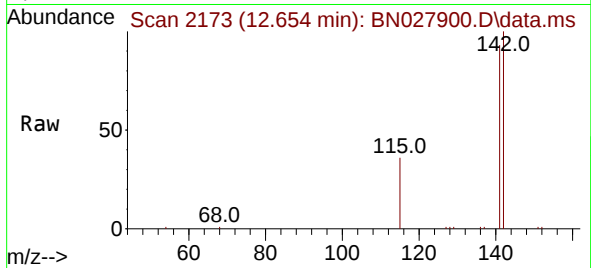
Tgt Ion:142 Resp: 42972
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.086 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

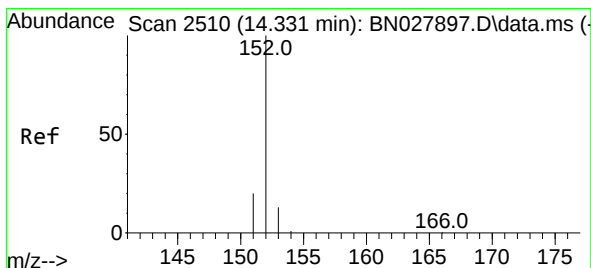
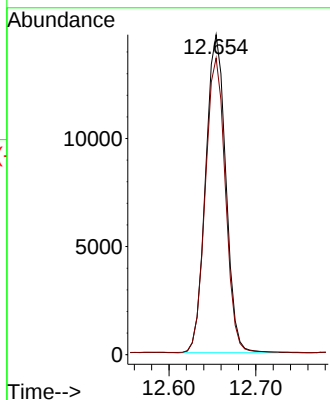
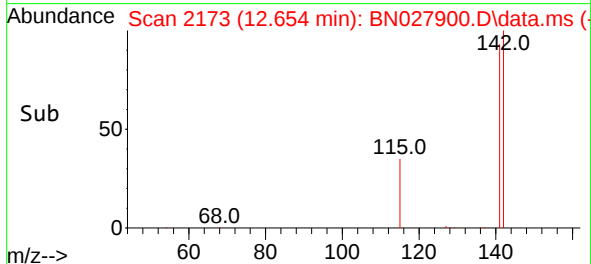
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:142 Resp: 23692
Ion Ratio Lower Upper
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141 91.9 72.8 109.2

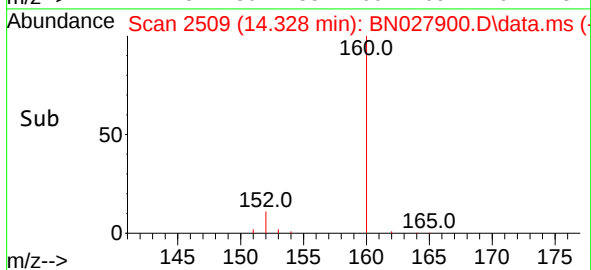
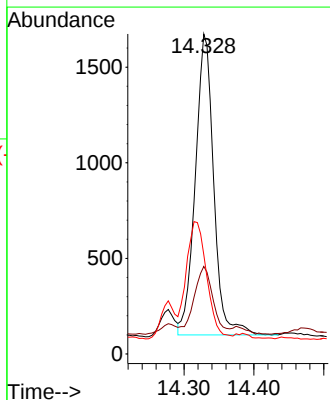
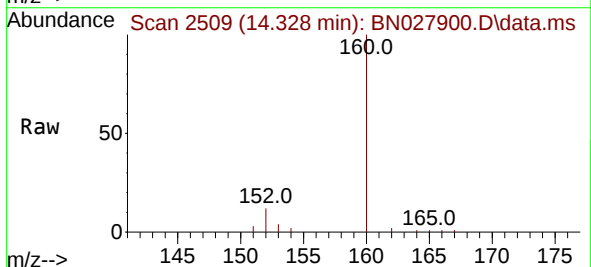
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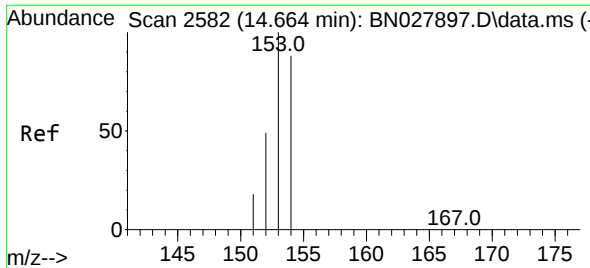
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

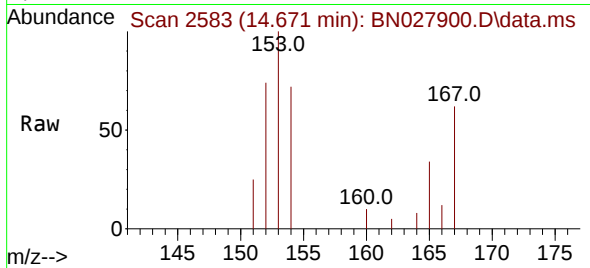
Tgt Ion:152 Resp: 2882
Ion Ratio Lower Upper
152 100
151 27.4 16.6 25.0#
153 31.0 11.0 16.6#





#11
Acenaphthene
Concen: 0.127 ng/ul
RT: 14.671 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

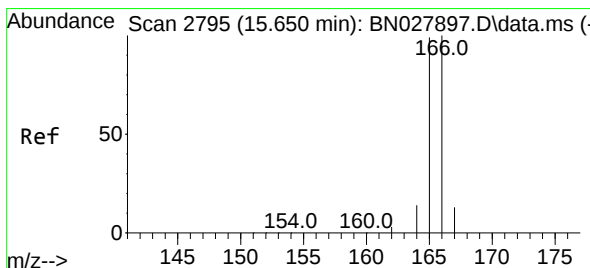
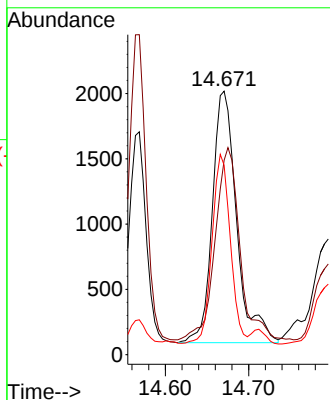
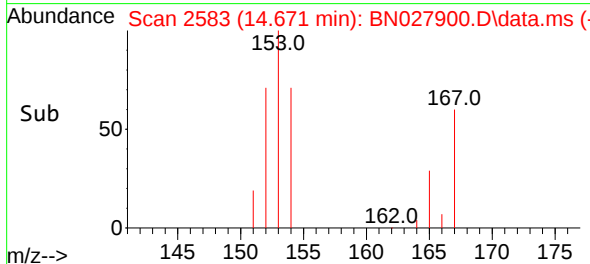
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:153 Resp: 3892
Ion Ratio Lower Upper
153 100
152 73.8 41.7 62.5
154 71.9 70.3 105.5

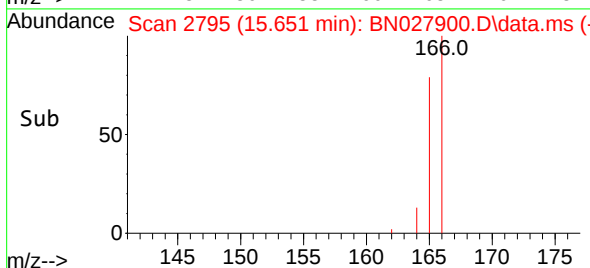
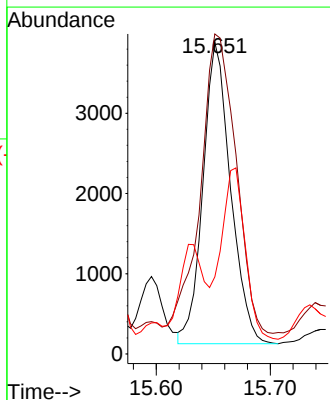
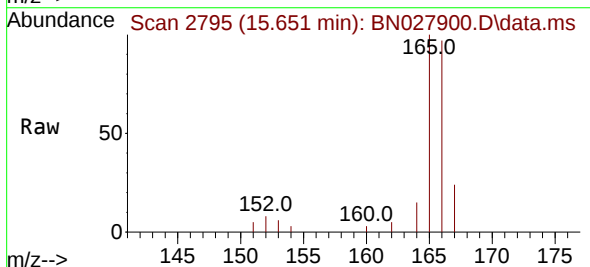
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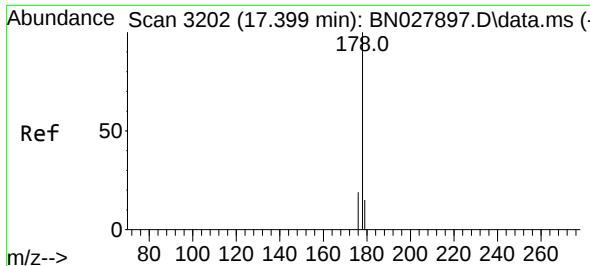
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.175 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

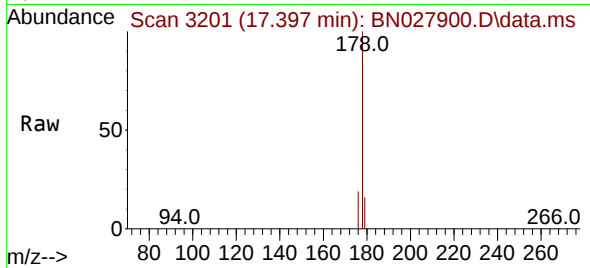
Tgt Ion:166 Resp: 6305
Ion Ratio Lower Upper
166 100
165 102.7 78.0 117.0
167 24.7 11.4 17.2#





#15
Phenanthrene
Concen: 3.606 ng/u1
RT: 17.397 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

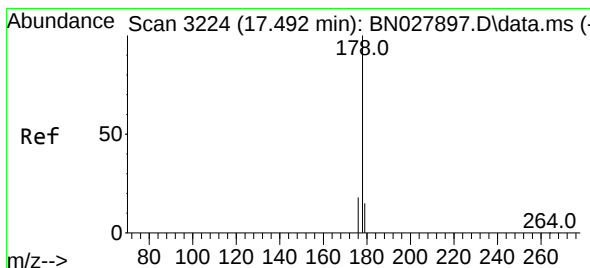
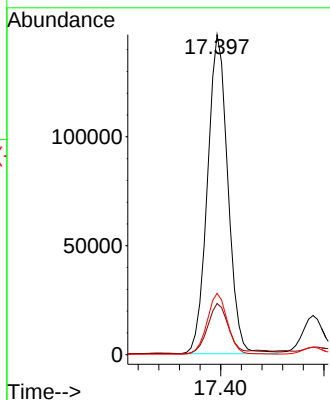
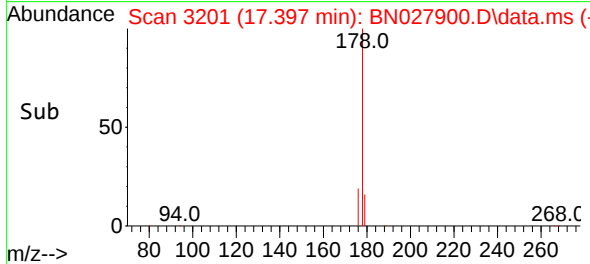
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:178 Resp: 20086
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.1 16.0 24.0

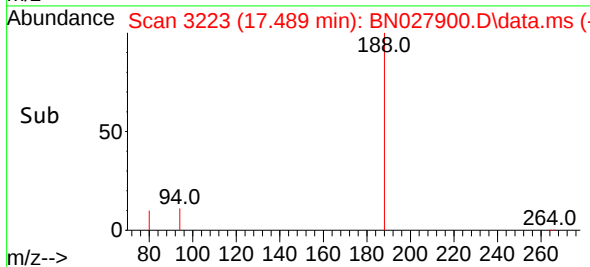
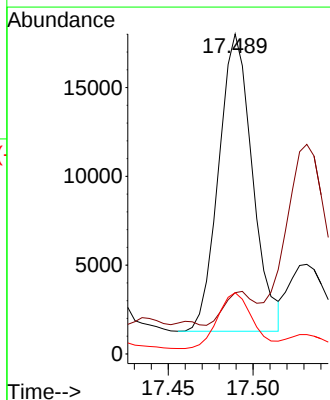
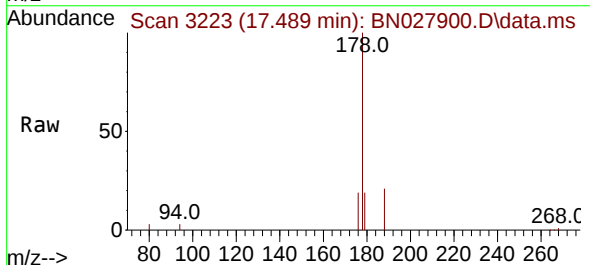
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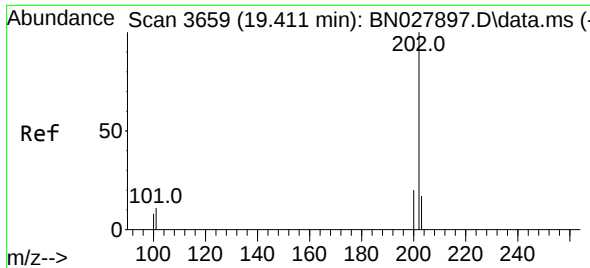
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#16
Anthracene
Concen: 0.498 ng/u1
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:178 Resp: 23221
Ion Ratio Lower Upper
178 100
179 19.1 12.6 19.0#
176 19.2 15.5 23.3





#19

Fluoranthene

Concen: 1.224 ng/ul

RT: 19.408 min Scan# 3659

Delta R.T. 0.000 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EZYK8

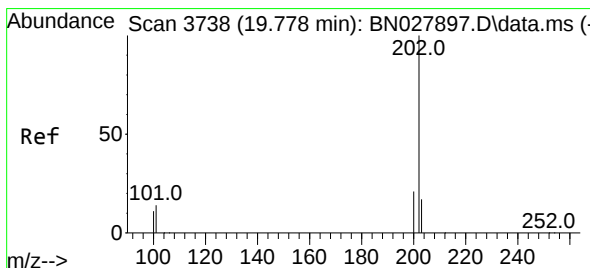
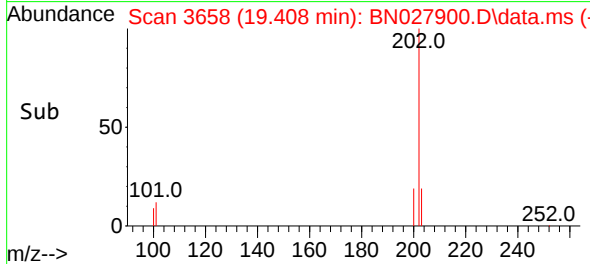
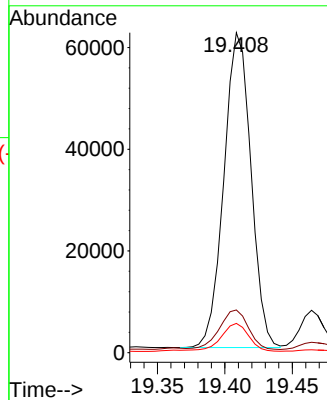
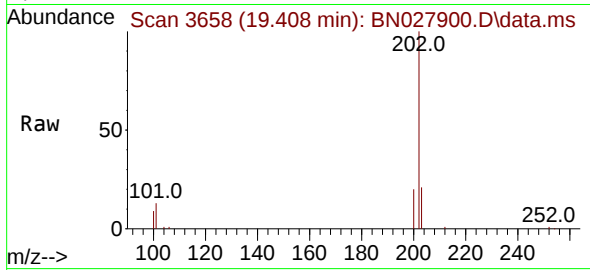
Tgt Ion:	202	Resp:	8656
Ion Ratio	Lower	Upper	
202	100		
101	13.4	9.3	13.9
100	9.2	7.0	10.4

Manual Integrations

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Supervised By :mohammad ahmed 09/28/2023



#20

Pyrene

Concen: 1.213 ng/ul m

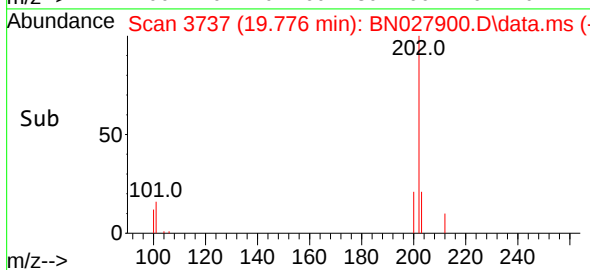
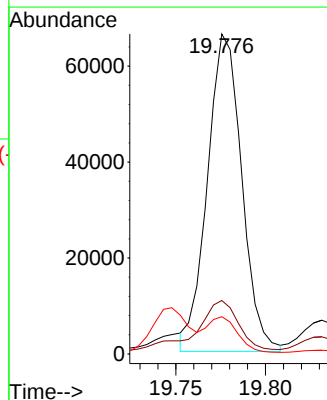
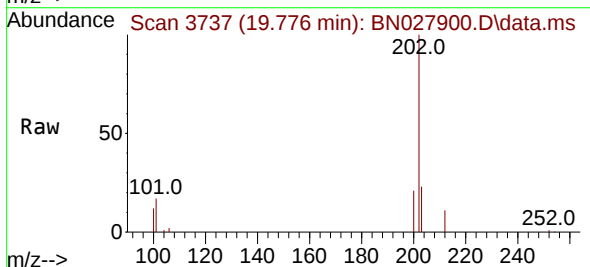
RT: 19.776 min Scan# 3737

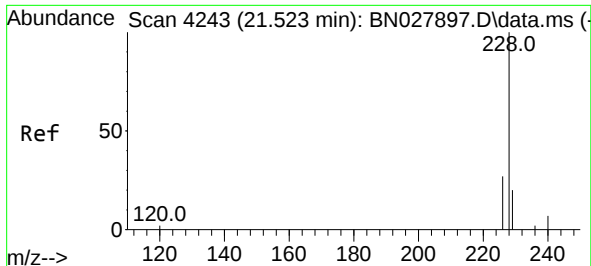
Delta R.T. 0.000 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

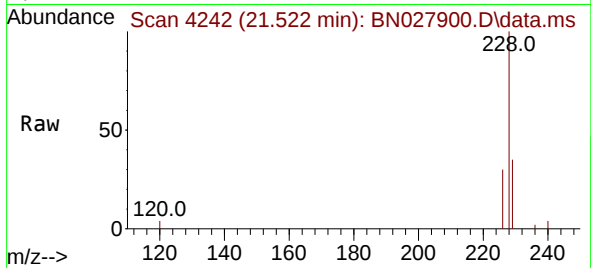
Tgt Ion:	202	Resp:	88349
Ion Ratio	Lower	Upper	
202	100		
101	16.7	11.4	17.0
100	11.7	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.791 ng/ul
RT: 21.522 min Scan# 4243
Delta R.T. 0.003 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

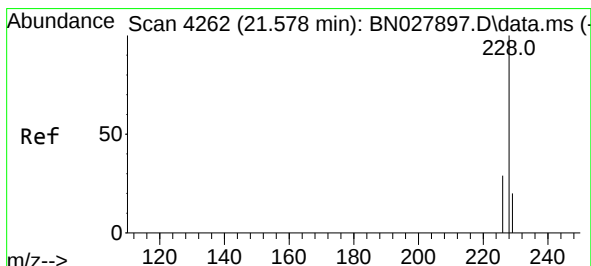
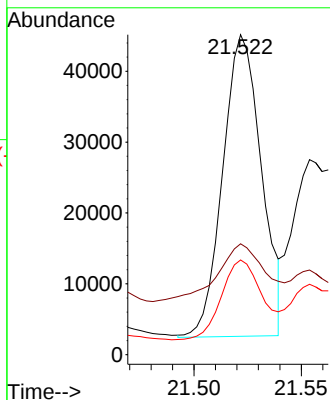
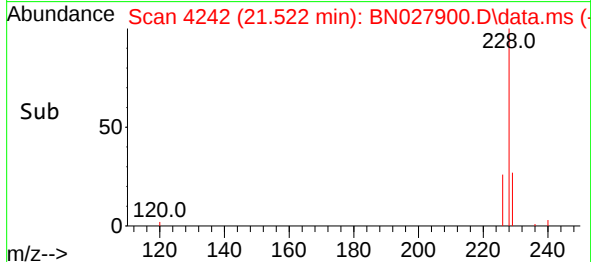
Instrument :
BNA_N
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EZYK8



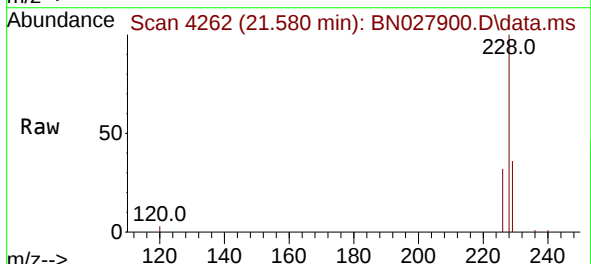
Tgt Ion:228 Resp: 53515
Ion Ratio Lower Upper
228 100
229 34.7 15.8 23.8
226 29.6 22.0 33.0

Manual Integrations
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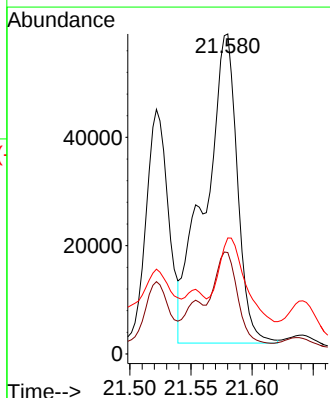
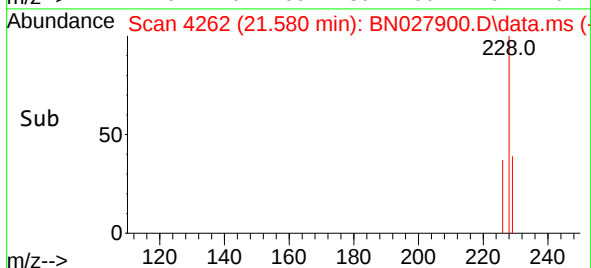
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

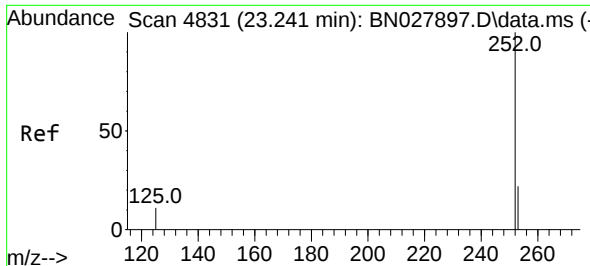


#22
Chrysene
Concen: 1.499 ng/ul m
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32



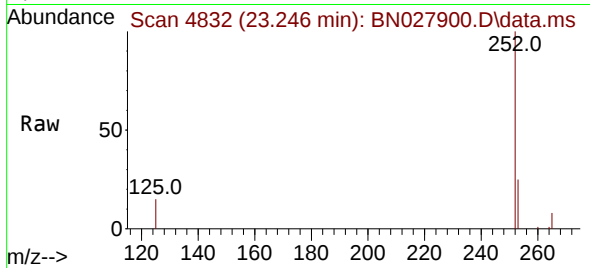
Tgt Ion:228 Resp: 104869
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 36.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.182 ng/ul m
RT: 23.246 min Scan# 4831
Delta R.T. 0.006 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

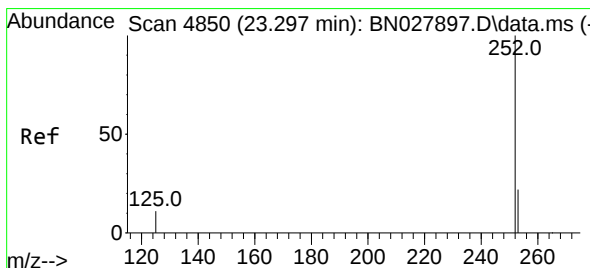
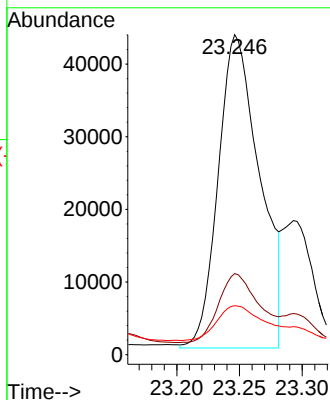
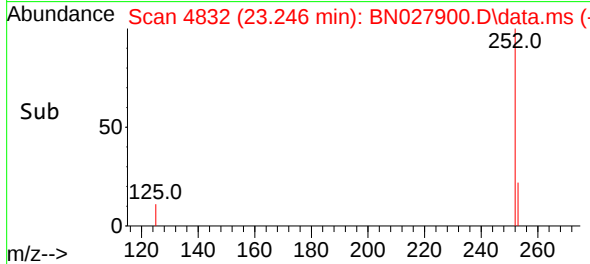
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:252 Resp: 99418
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.2
125 15.3 0.0 31.4

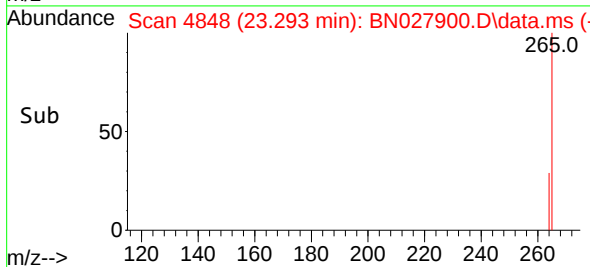
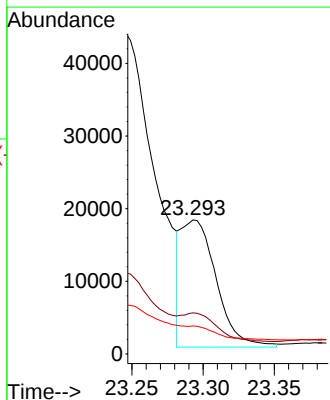
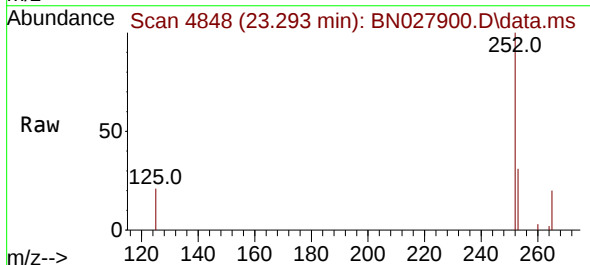
Manual Integrations
APPROVED

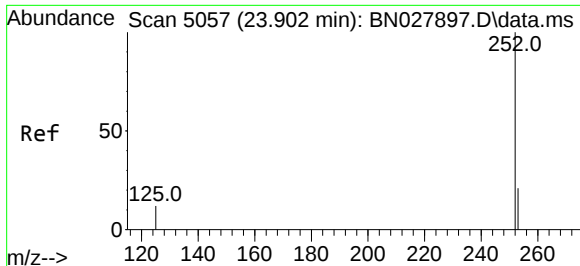
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:252 Resp: 30199
Ion Ratio Lower Upper
252 100
253 30.7 19.9 29.9#
125 20.8 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.791 ng/ul

RT: 23.901 min Scan# 5056

Delta R.T. 0.006 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EZYK8

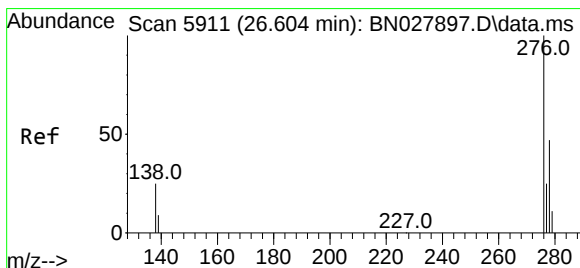
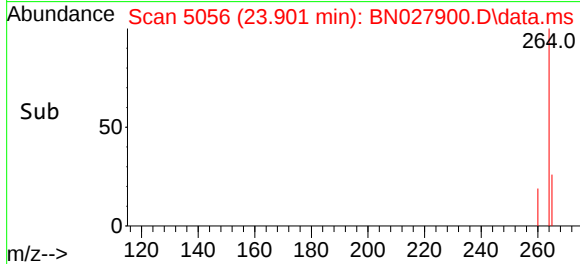
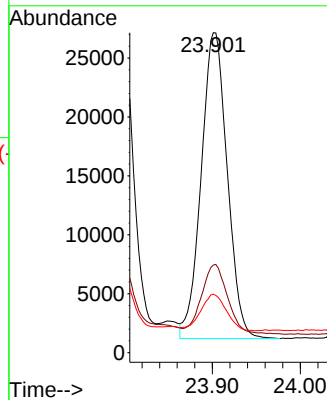
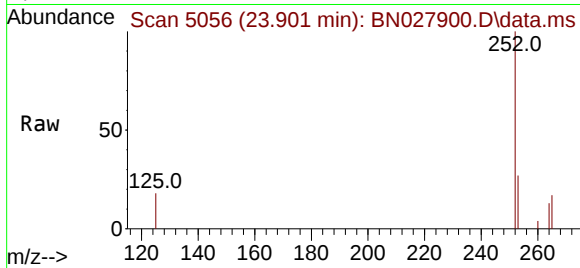
Tgt Ion:	252	Resp:	5349
Ion Ratio	Lower	Upper	
252	100		
253	27.4	21.9	32.9
125	18.3	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 09/28/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.502 ng/ul

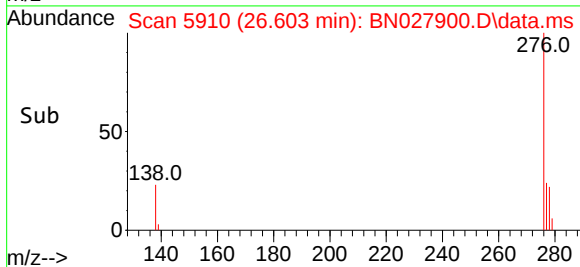
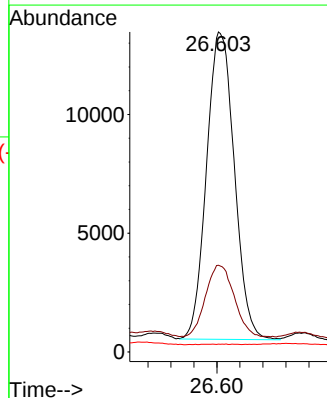
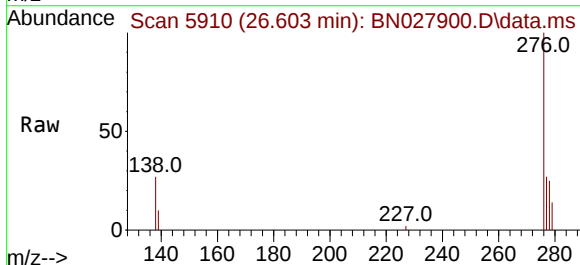
RT: 26.603 min Scan# 5910

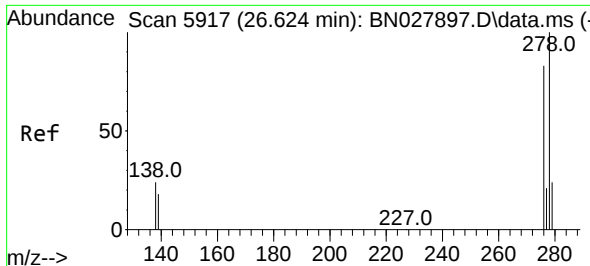
Delta R.T. 0.004 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

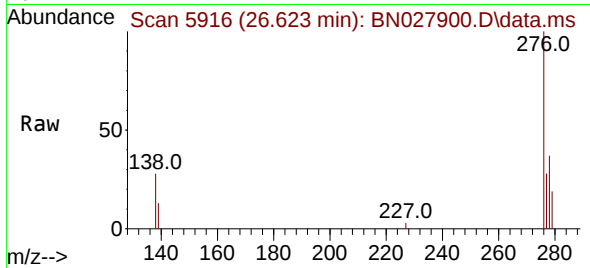
Tgt Ion:	276	Resp:	43504
Ion Ratio	Lower	Upper	
276	100		
138	24.1	24.3	36.5#
227	0.0	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 26.623 min Scan# 5917
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

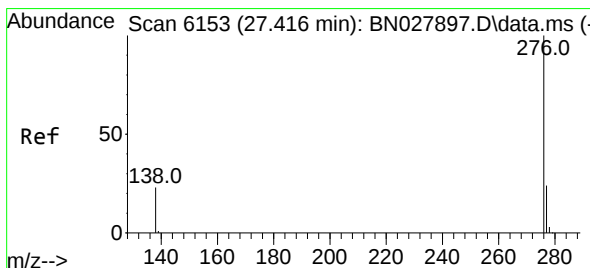
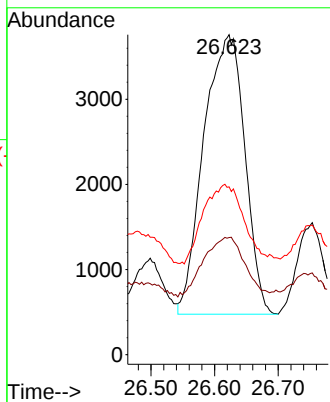
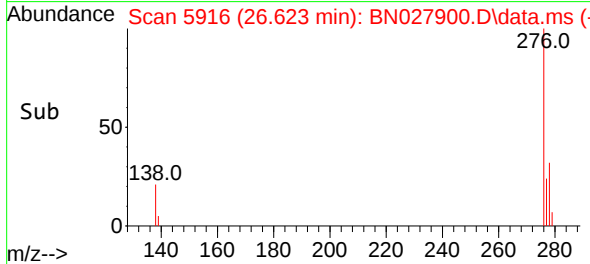
Instrument :
BNA_N
ClientSampleId :
EZYK8



Tgt Ion:278 Resp: 14680
Ion Ratio Lower Upper
278 100
139 36.6 17.2 25.8
279 52.4 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.693 ng/ul
RT: 27.418 min Scan# 6153
Delta R.T. 0.007 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:276 Resp: 51045
Ion Ratio Lower Upper
276 100
138 26.2 21.7 32.5
277 25.6 20.2 30.2

