

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027797.D
 Acq On : 21 Sep 2023 21:18
 Operator : MA/JU
 Sample : 04330-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:02:18 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5799	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19025	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	12197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	25311	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.580	240	18645	0.400	ng/ul	# 0.00
23) Perylene-d12	24.085	264	16115	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	14858	2.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8046	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.418	212	19060	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.878	128	16273	0.299	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	13895	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	6362	0.179	ng/ul	98
10) Acenaphthylene	14.370	152	50786	0.953	ng/ul	95
11) Acenaphthene	14.703	153	8041	0.175	ng/ul	95
12) Fluorene	15.688	166	7969	0.147	ng/ul#	80
15) Phenanthrene	17.434	178	80191	1.008	ng/ul#	92
16) Anthracene	17.527	178	51861	0.779	ng/ul#	87
19) Fluoranthene	19.445	202	138981	1.843	ng/ul	98
20) Pyrene	19.813	202	184442	2.375	ng/ul	100
21) Benzo(a)anthracene	21.562	228	107234	1.486	ng/ul#	82
22) Chrysene	21.618	228	127607	1.712	ng/ul#	81
24) Benzo(b)fluoranthene	23.304	252	164188m	2.286	ng/ul	
25) Benzo(k)fluoranthene	23.351	252	52386m	0.752	ng/ul	
26) Benzo(a)pyrene	23.971	252	127700	2.210	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.710	276	101139	1.366	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.713	278	27778	0.466	ng/ul#	1
29) Benzo(g,h,i)perylene	27.542	276	144493	2.298	ng/ul#	90

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

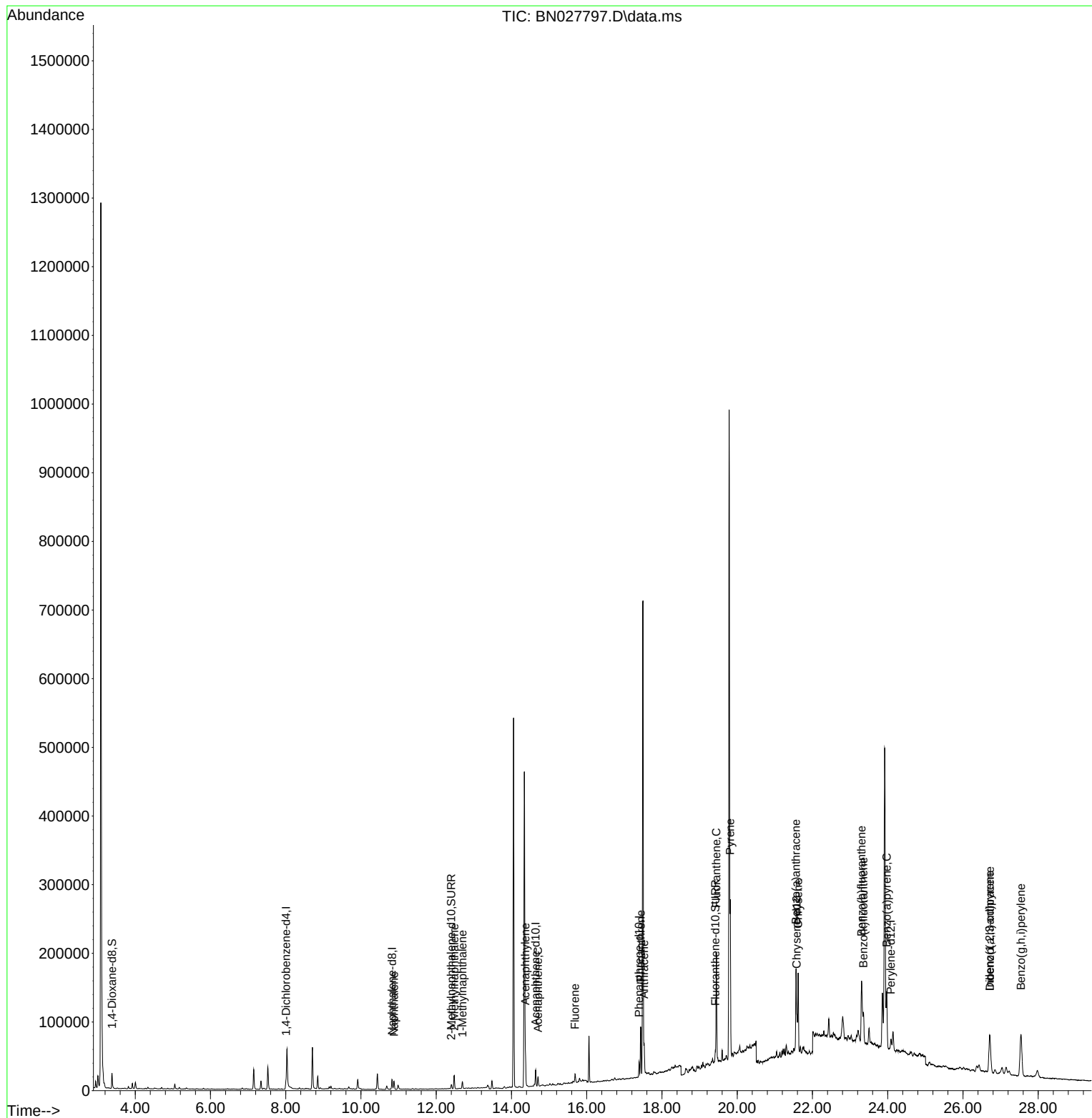
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027797.D
Acq On : 21 Sep 2023 21:18
Operator : MA/JU
Sample : 04330-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

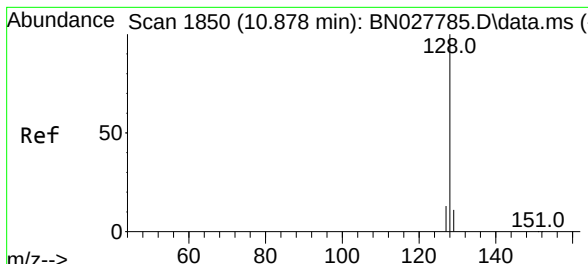
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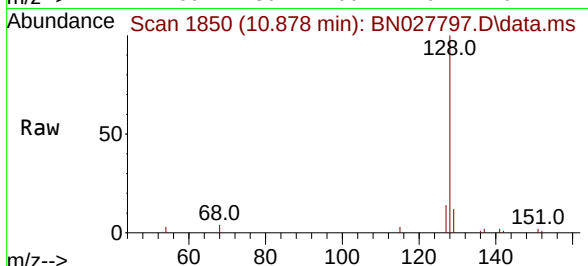
Quant Time: Sep 22 04:02:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

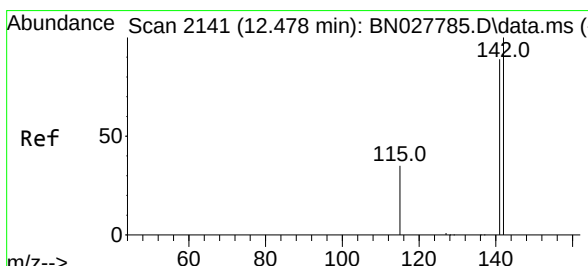
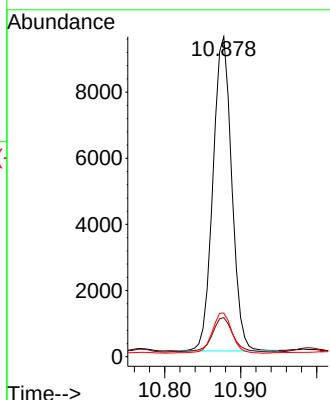
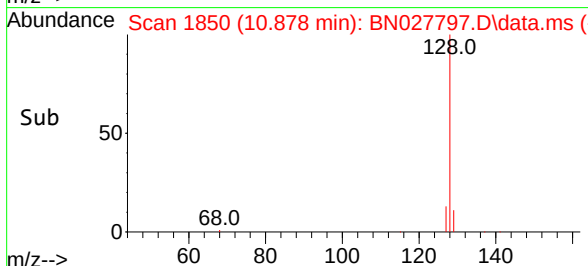
Instrument :
BNA_N
ClientSampleId :
EZYG2



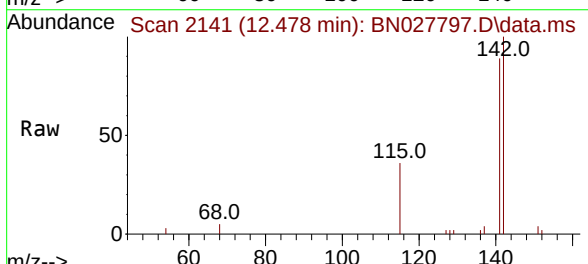
Tgt Ion:128 Resp: 1627
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 13.7 10.7 16.1

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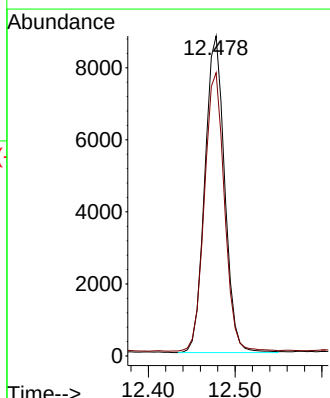
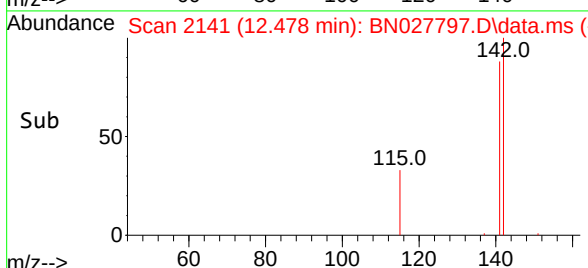
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

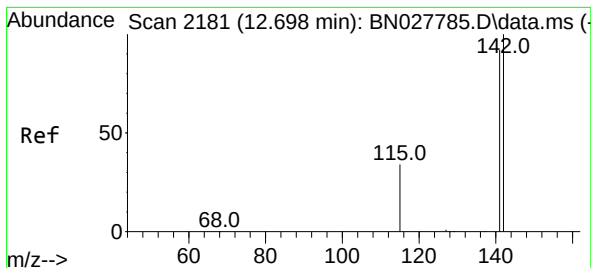


#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18



Tgt Ion:142 Resp: 13895
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.179 ng/ul

RT: 12.693 min Scan# 2181

Delta R.T. -0.005 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

Tgt Ion:142 Resp: 6362

Ion Ratio Lower Upper

142 100

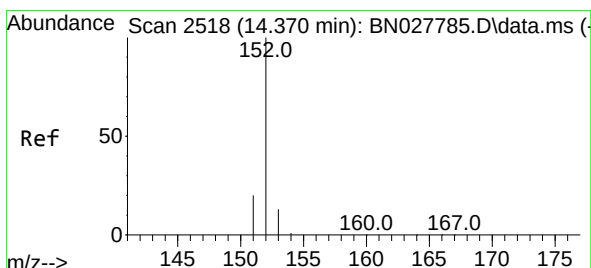
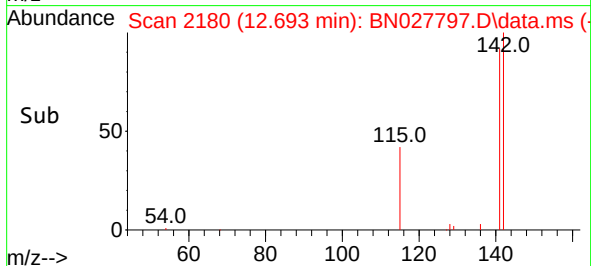
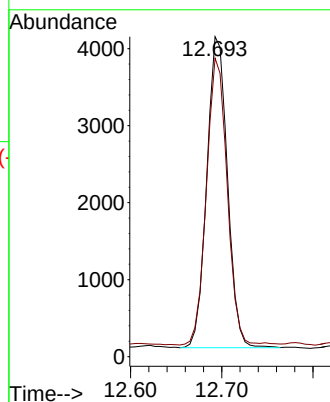
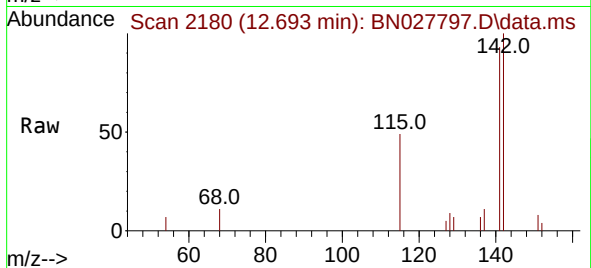
141 92.7 72.8 109.2

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#10

Acenaphthylene

Concen: 0.953 ng/ul

RT: 14.370 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

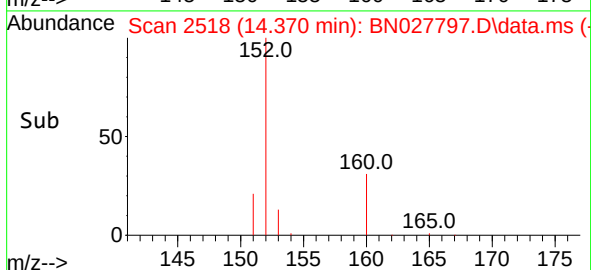
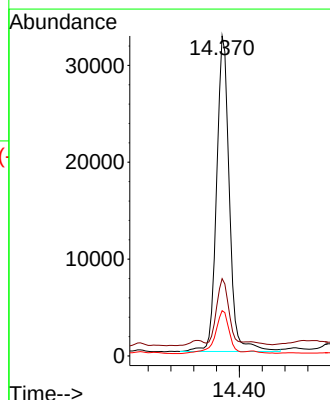
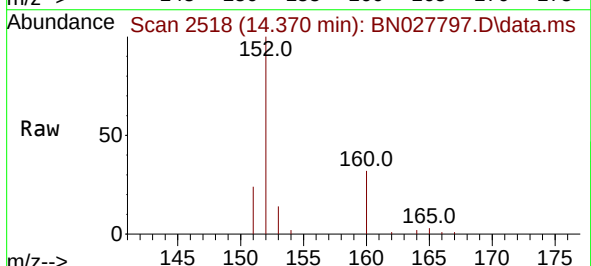
Tgt Ion:152 Resp: 50786

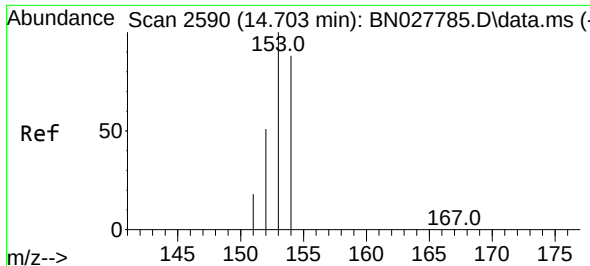
Ion Ratio Lower Upper

152 100

151 24.2 16.6 25.0

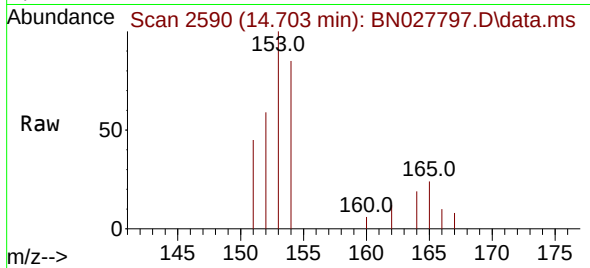
153 14.1 11.0 16.6





#11
Acenaphthene
Concen: 0.175 ng/ul
RT: 14.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

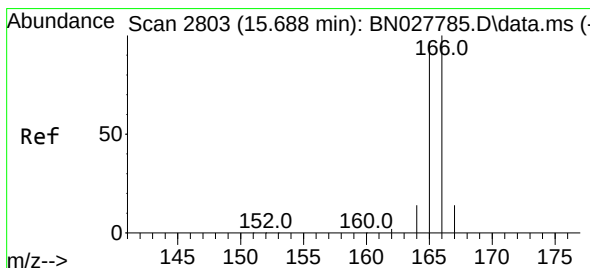
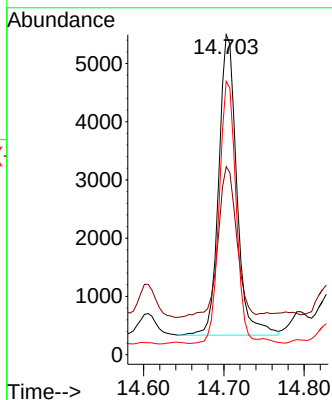
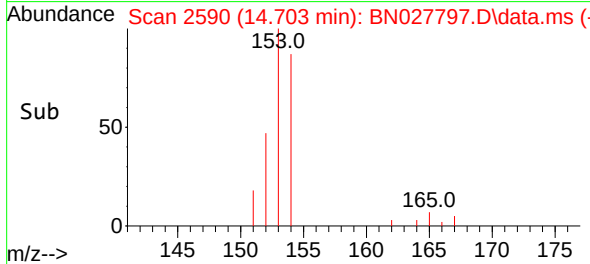
Instrument :
BNA_N
ClientSampleId :
EZYG2



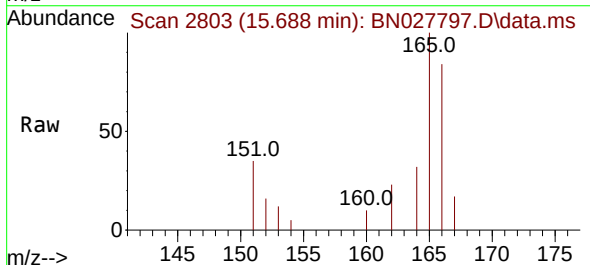
Tgt Ion:153 Resp: 804
Ion Ratio Lower Upper
153 100
152 58.8 41.7 62.5
154 85.4 70.3 105.5

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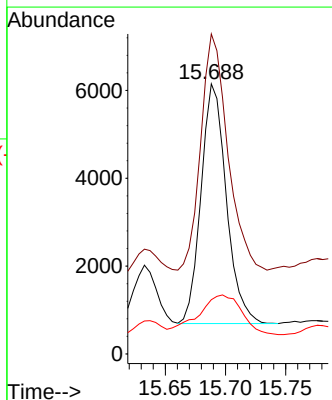
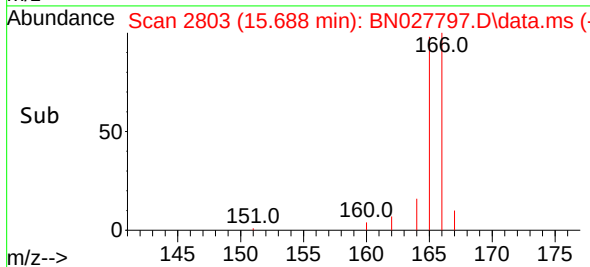
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

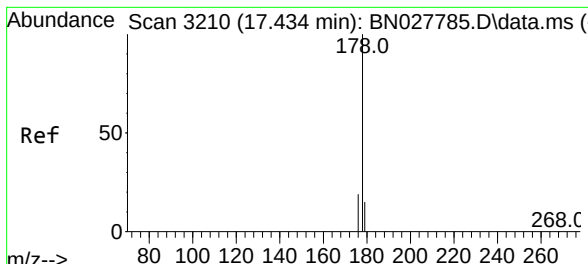


#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18



Tgt Ion:166 Resp: 7969
Ion Ratio Lower Upper
166 100
165 118.5 78.0 117.0#
167 20.1 11.4 17.2#



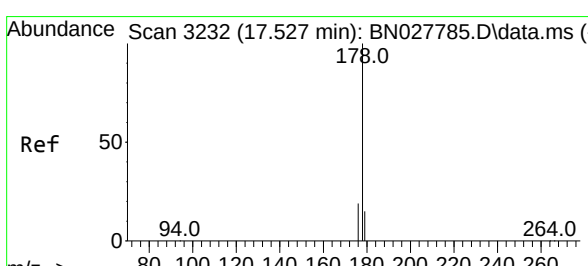
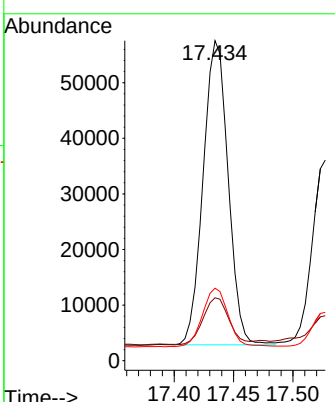
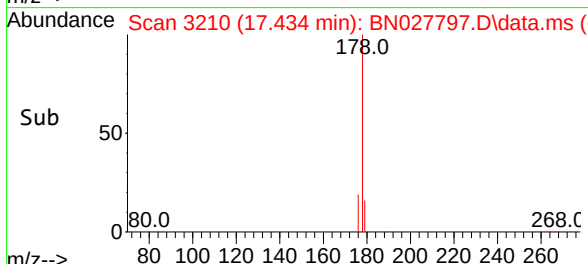
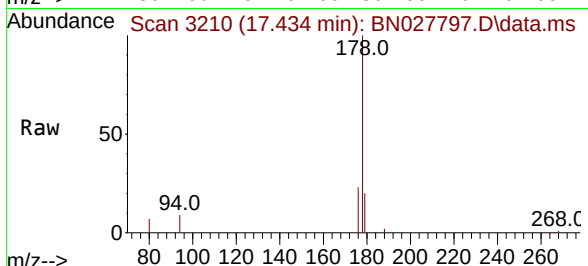


#15
 Phenanthrene
 Concen: 1.008 ng/ul
 RT: 17.434 min Scan# 3210
 Delta R.T. 0.000 min
 Lab File: BN027797.D
 Acq: 21 Sep 2023 21:18

Instrument : BNA_N
 ClientSampleId : EZYG2

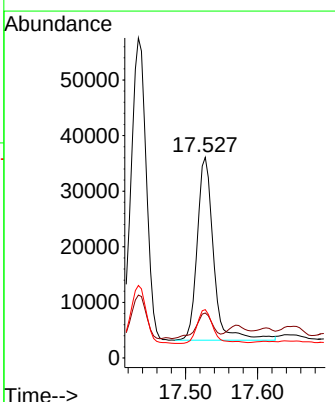
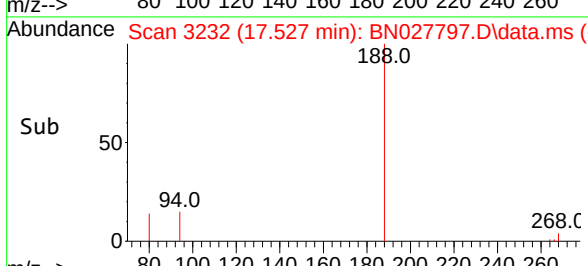
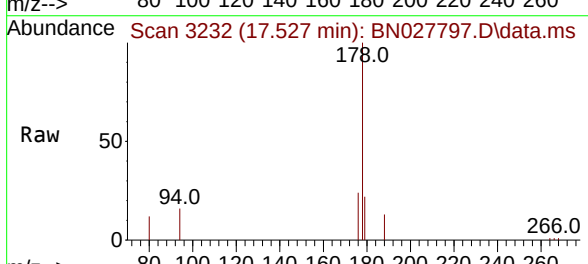
Tgt Ion:	178	Resp:	8019
Ion Ratio	Lower	Upper	
178	100		
179	19.6	12.4	18.6
176	22.7	16.0	24.0

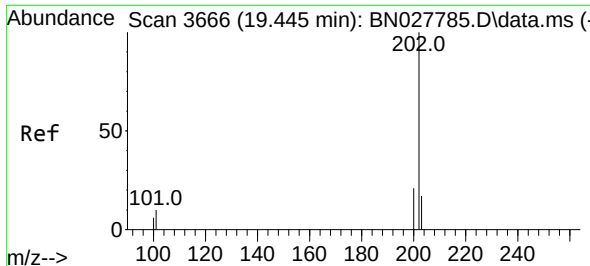
Manual Integrations
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#16
 Anthracene
 Concen: 0.779 ng/ul
 RT: 17.527 min Scan# 3232
 Delta R.T. 0.000 min
 Lab File: BN027797.D
 Acq: 21 Sep 2023 21:18

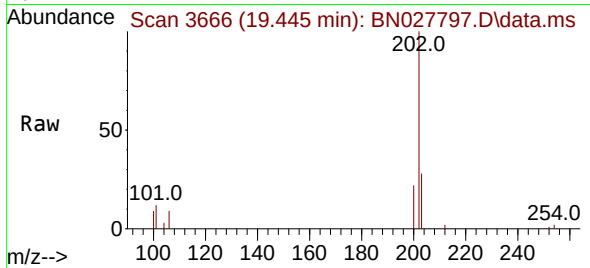
Tgt Ion:	178	Resp:	51861
Ion Ratio	Lower	Upper	
178	100		
179	22.4	12.6	19.0#
176	24.1	15.5	23.3#





#19
Fluoranthene
Concen: 1.843 ng/u1
RT: 19.445 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

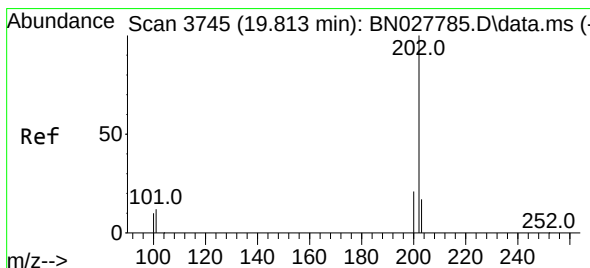
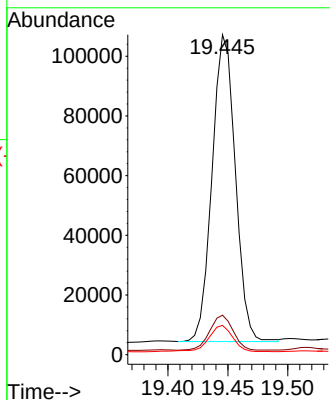
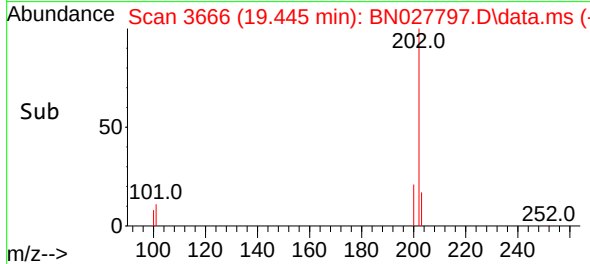
Instrument :
BNA_N
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EZYG2



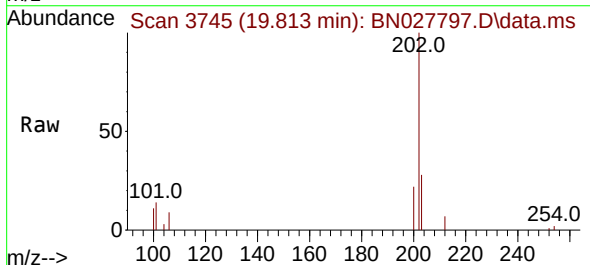
Tgt Ion:202 Resp: 13898
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 9.2 7.0 10.4

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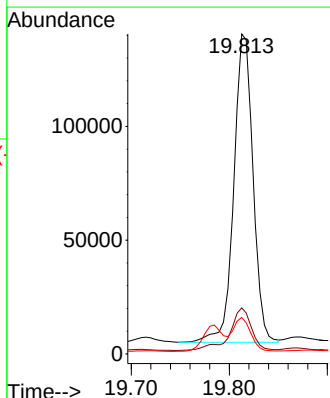
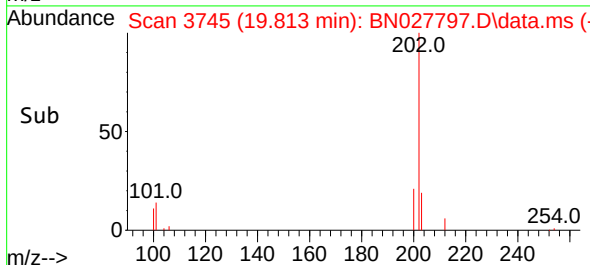
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

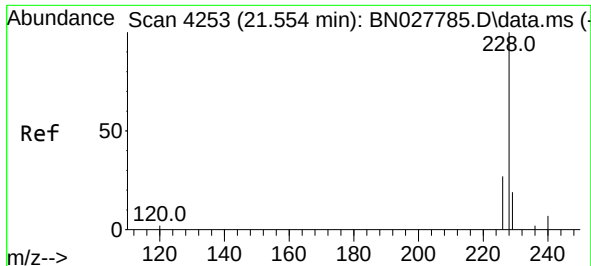


#20
Pyrene
Concen: 2.375 ng/u1
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18



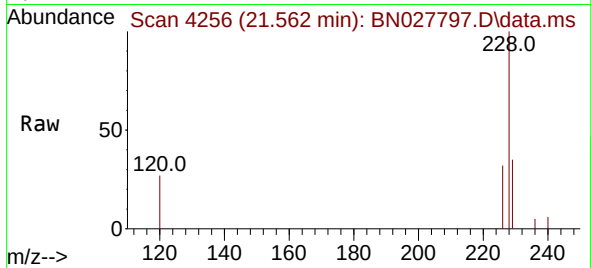
Tgt Ion:202 Resp: 184442
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.009 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

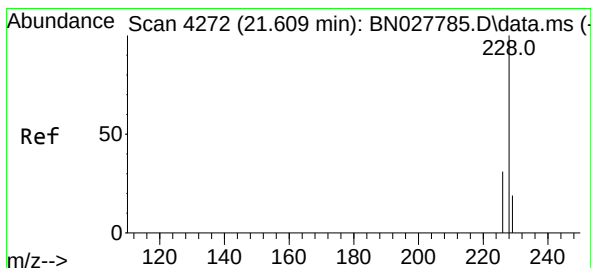
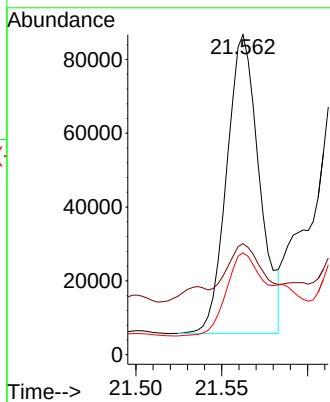
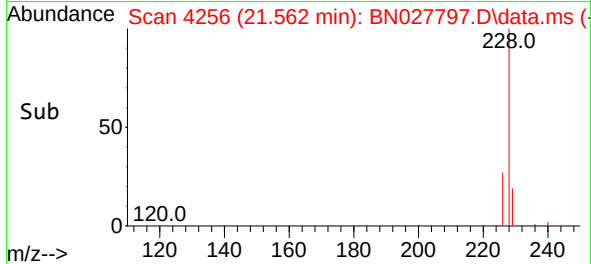
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BNA_N
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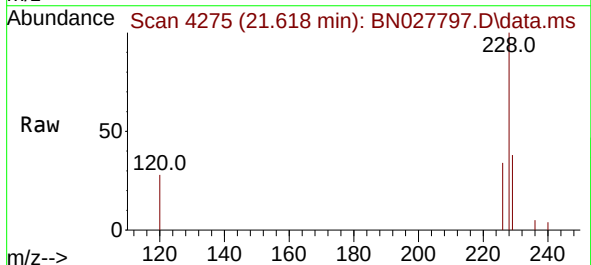
Tgt Ion:228 Resp: 107234
Ion Ratio Lower Upper
228 100
229 34.7 15.8 23.8
226 31.9 22.0 33.0

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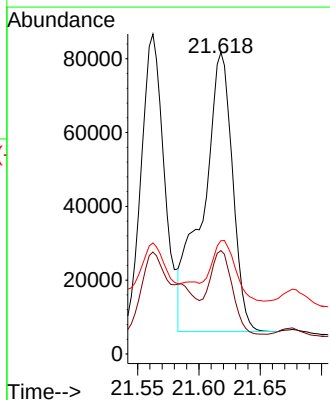
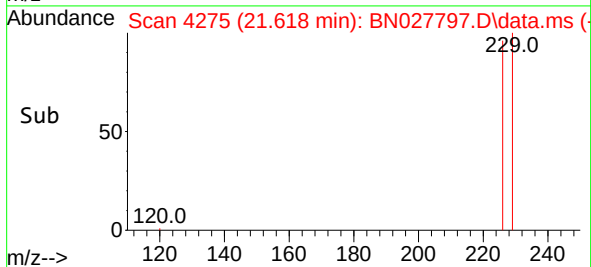
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

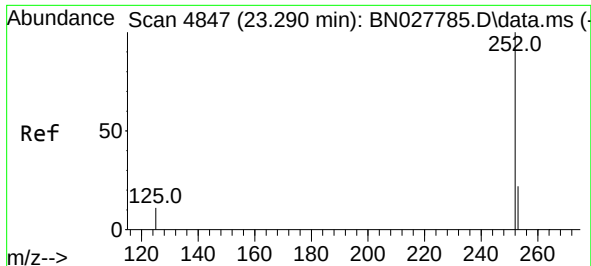


#22
Chrysene
Concen: 1.712 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. 0.009 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18



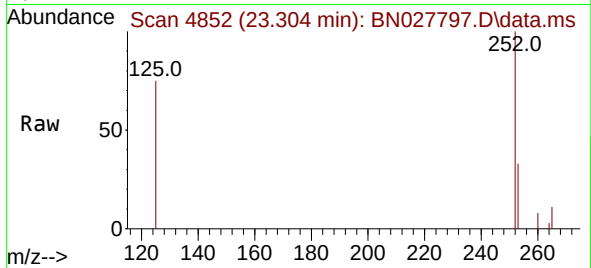
Tgt Ion:228 Resp: 127607
Ion Ratio Lower Upper
228 100
226 34.3 24.5 36.7
229 37.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.286 ng/ul m
RT: 23.304 min Scan# 4852
Delta R.T. 0.015 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

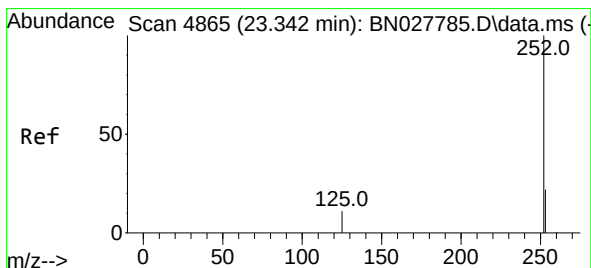
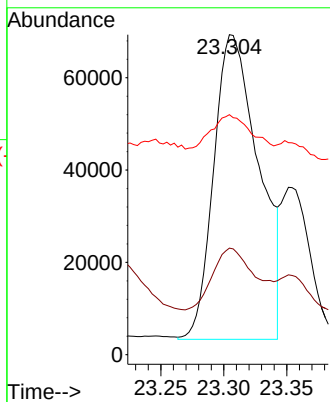
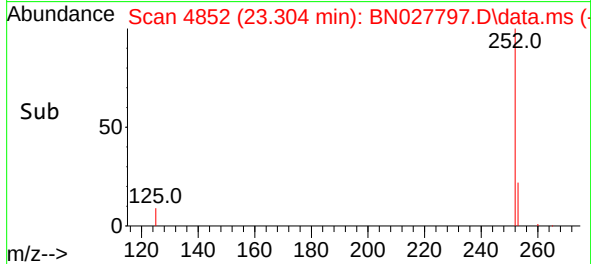
Instrument :
BNA_N
ClientSampleId :
EZYG2



Tgt Ion:252 Resp: 16418
Ion Ratio Lower Upper
252 100
253 33.3 0.0 50.2
125 75.0 0.0 31.4

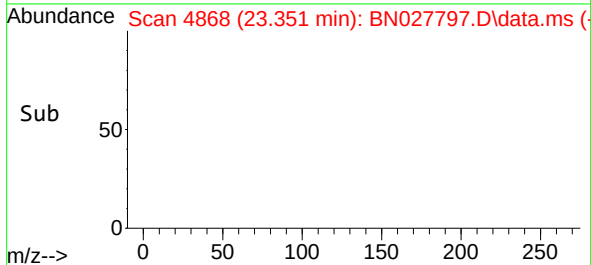
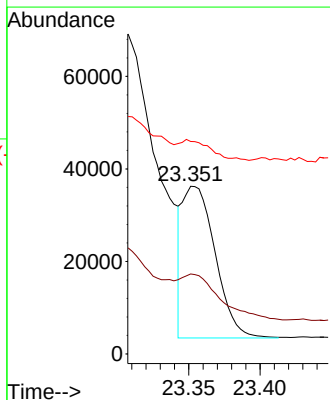
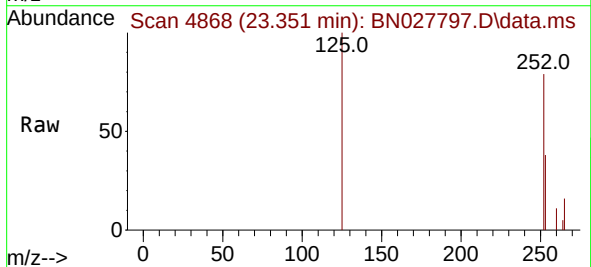
Manual Integrations
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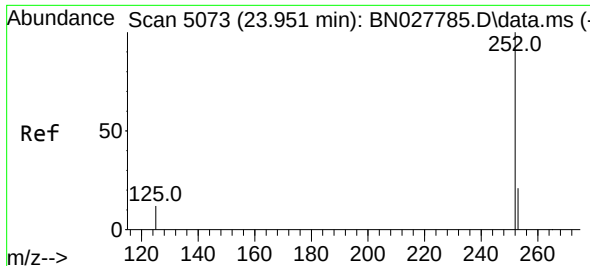
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.752 ng/ul m
RT: 23.351 min Scan# 4868
Delta R.T. 0.009 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

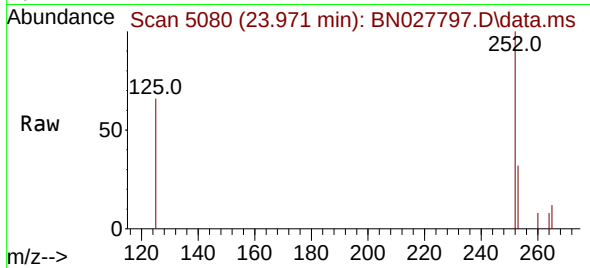
Tgt Ion:252 Resp: 52386
Ion Ratio Lower Upper
252 100
253 47.7 19.9 29.9#
125 126.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 2.210 ng/ul
RT: 23.971 min Scan# 5073
Delta R.T. 0.021 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

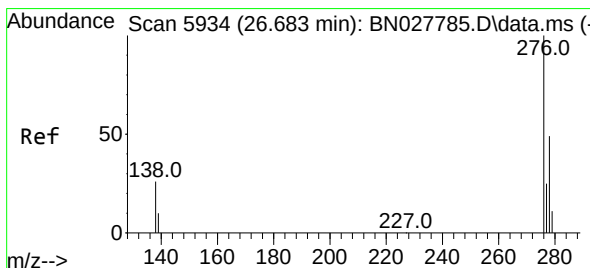
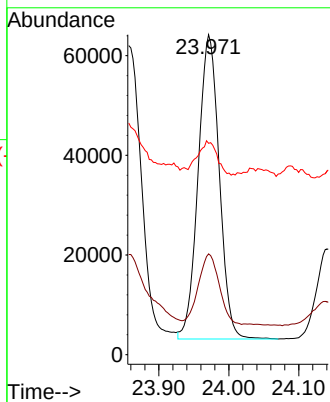
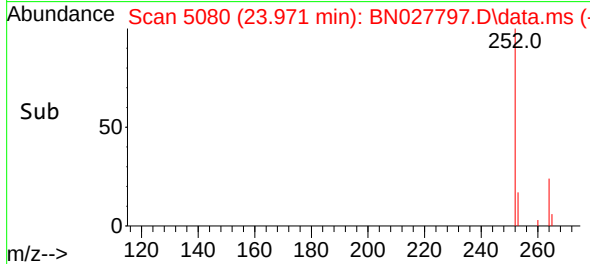
Instrument :
BNA_N
ClientSampleId :
EZYG2



Tgt Ion:252 Resp: 127700
Ion Ratio Lower Upper
252 100
253 31.5 21.9 32.9
125 66.1 15.5 23.3

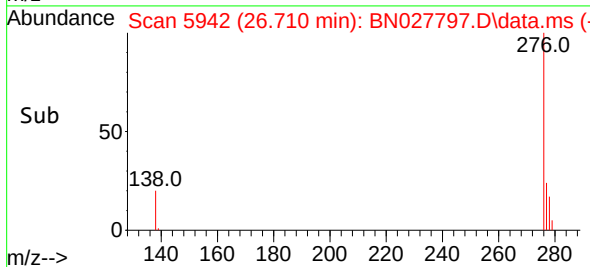
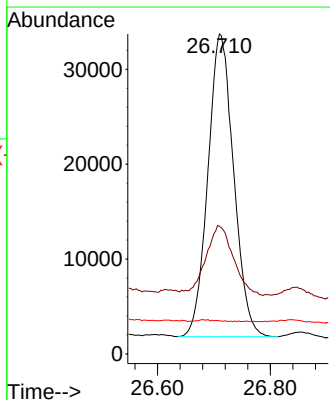
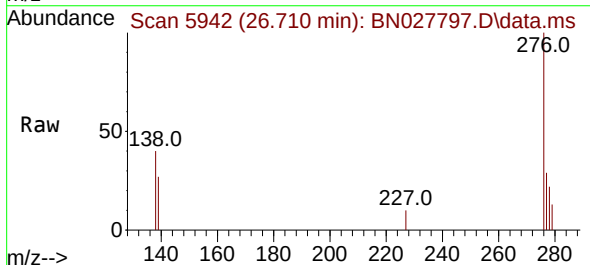
Manual Integrations
APPROVED

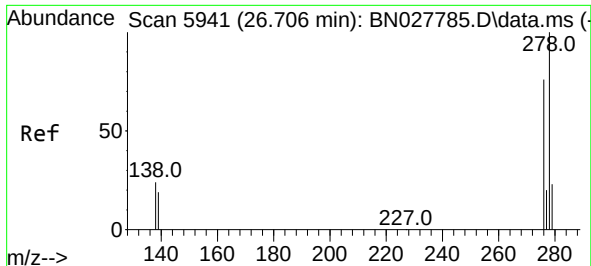
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.366 ng/ul
RT: 26.710 min Scan# 5942
Delta R.T. 0.027 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

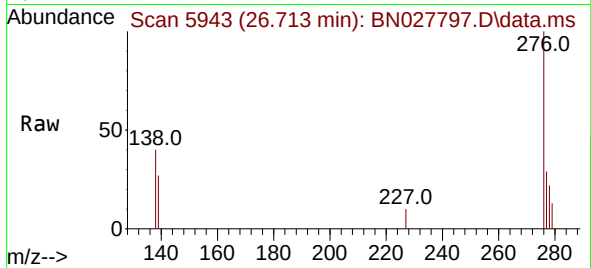
Tgt Ion:276 Resp: 101139
Ion Ratio Lower Upper
276 100
138 24.7 24.3 36.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 26.713 min Scan# 5941
Delta R.T. 0.007 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

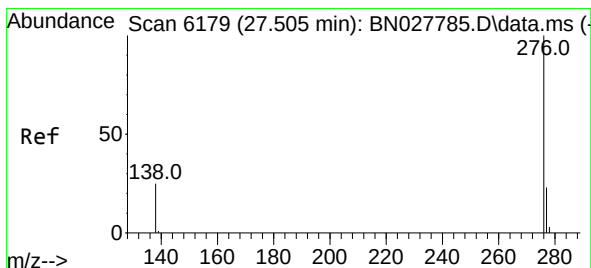
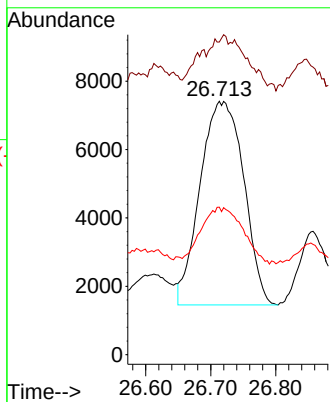
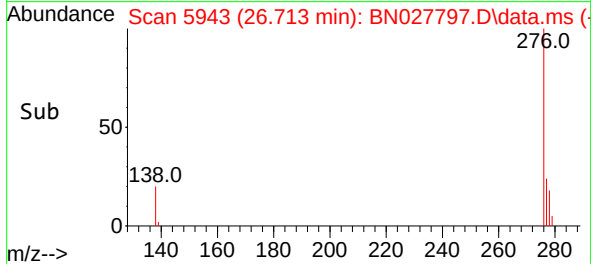
Instrument :
BNA_N
ClientSampleId :
EZYG2



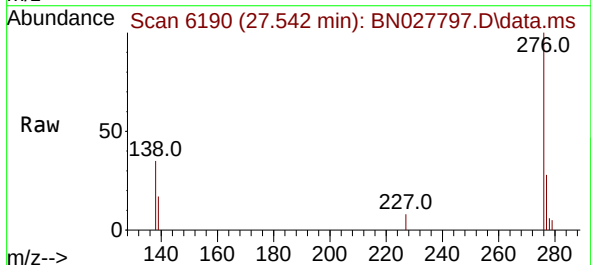
Tgt Ion:278 Resp: 27778
Ion Ratio Lower Upper
278 100
139 123.4 17.2 25.8
279 58.2 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 2.298 ng/ul
RT: 27.542 min Scan# 6190
Delta R.T. 0.037 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18



Tgt Ion:276 Resp: 144493
Ion Ratio Lower Upper
276 100
138 35.0 21.7 32.5
277 27.6 20.2 30.2

