

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027788.D
 Acq On : 21 Sep 2023 15:47
 Operator : MA/JU
 Sample : 04330-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX8

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 03:59:55 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	4720	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.823	136	16554	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.643	164	10202	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	23419	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	21216	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	24201	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16286	2.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4412	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	12218	0.189	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.878	128	41113	0.869	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	30878	1.029	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	23460	0.758	ng/ul	100
11) Acenaphthene	14.703	153	5465	0.142	ng/ul	96
12) Fluorene	15.688	166	8859	0.196	ng/ul#	95
15) Phenanthrene	17.434	178	74873	1.017	ng/ul	98
16) Anthracene	17.523	178	13296	0.216	ng/ul#	88
19) Fluoranthene	19.446	202	65710	0.766	ng/ul	99
20) Pyrene	19.813	202	53776m	0.608	ng/ul	
21) Benzo(a)anthracene	21.554	228	19566	0.238	ng/ul#	69
22) Chrysene	21.609	228	25089	0.296	ng/ul#	66
24) Benzo(b)fluoranthene	23.293	252	22428m	0.208	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	9538m	0.091	ng/ul	
26) Benzo(a)pyrene	23.954	252	14946	0.172	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.686	276	9572	0.086	ng/ul#	99
29) Benzo(g,h,i)perylene	27.511	276	10064	0.107	ng/ul#	56

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

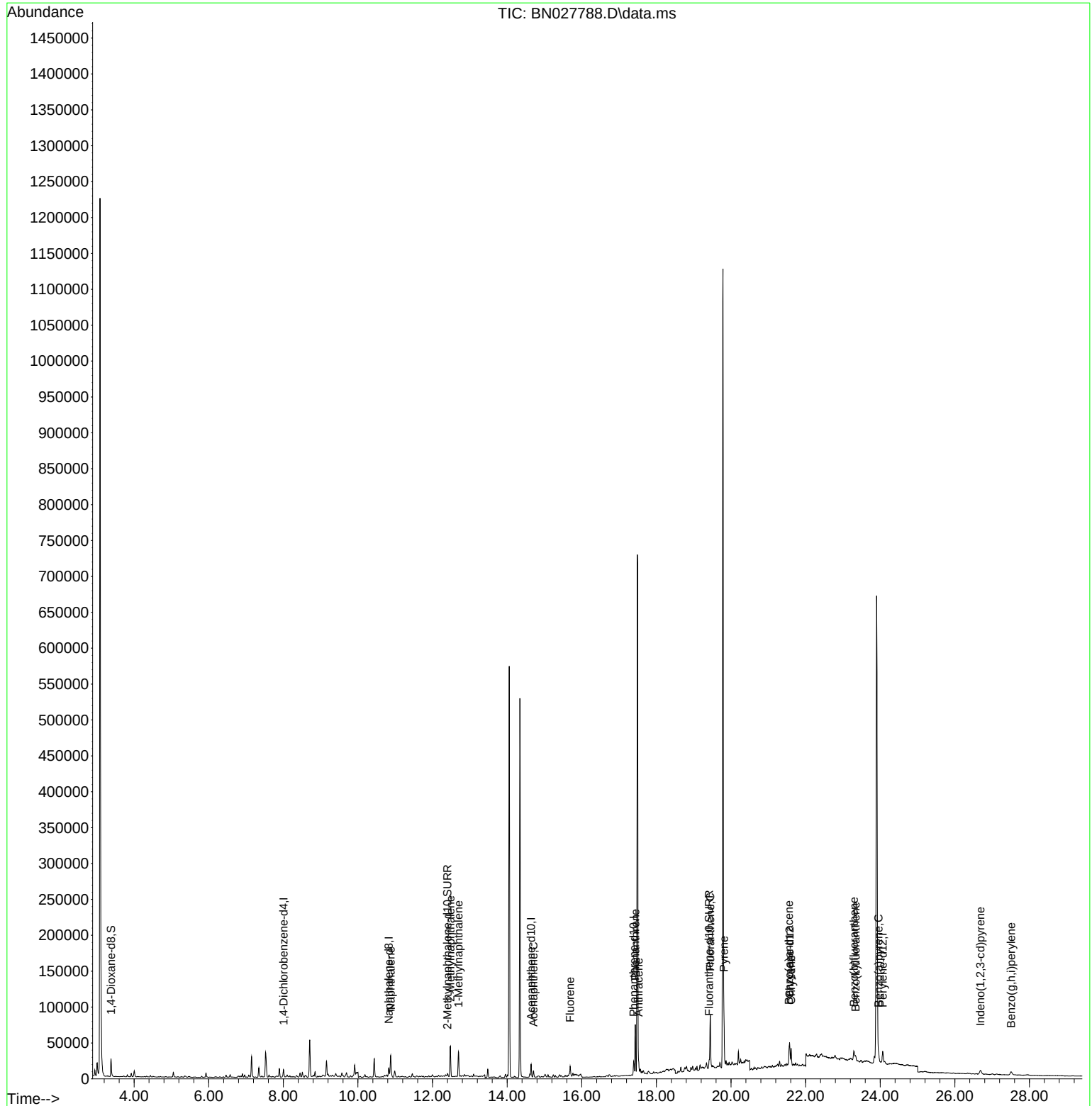
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027788.D
Acq On : 21 Sep 2023 15:47
Operator : MA/JU
Sample : 04330-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

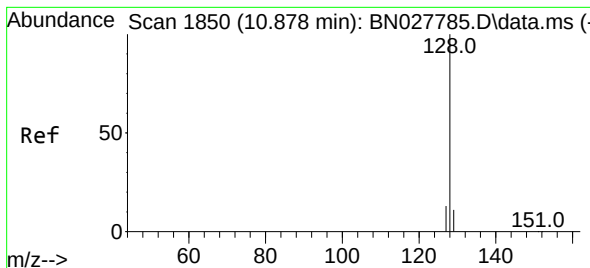
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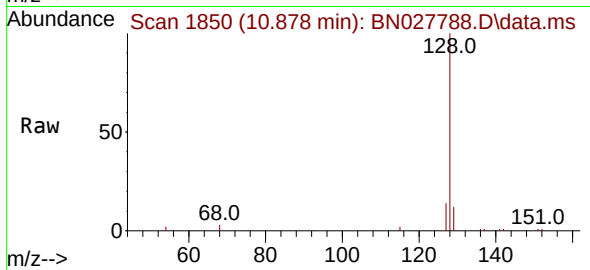
Quant Time: Sep 22 03:59:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.869 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

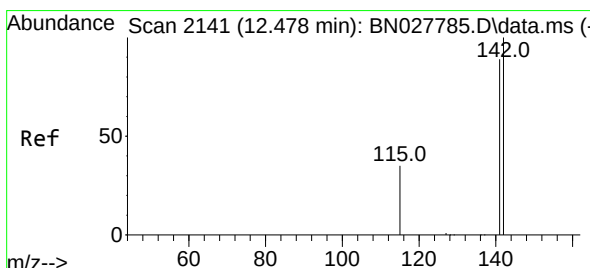
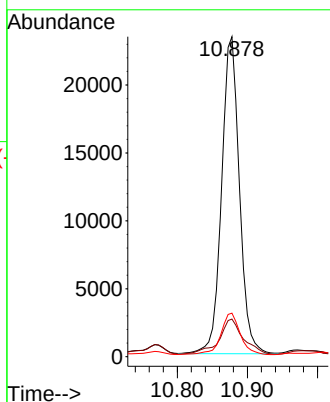
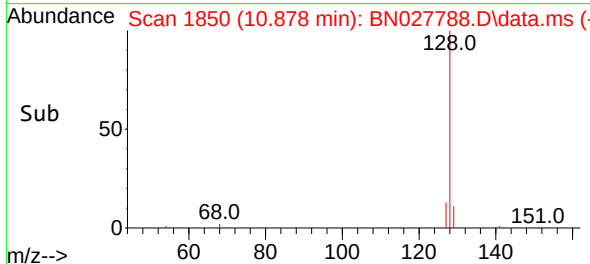
Instrument :
BNA_N
ClientSampleId :
EZYX8



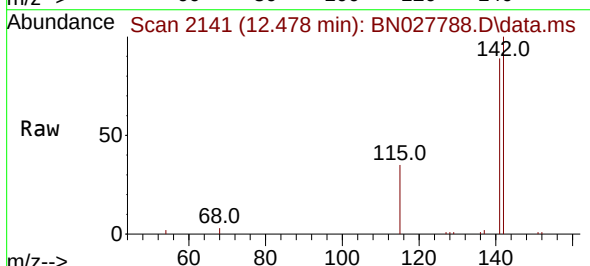
Tgt Ion:128 Resp: 41111
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.7 16.1

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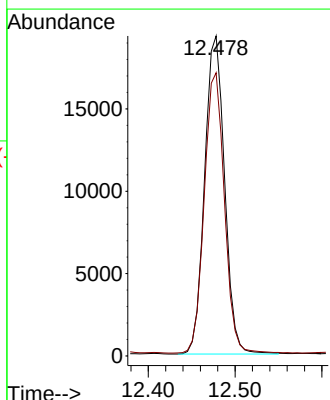
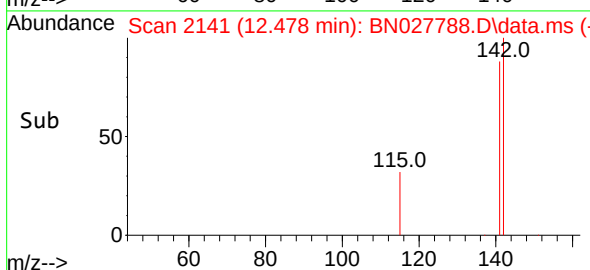
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

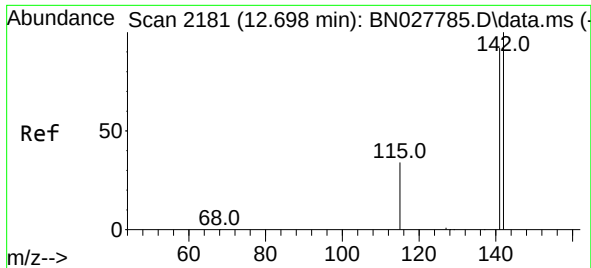


#7
2-Methylnaphthalene
Concen: 1.029 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47



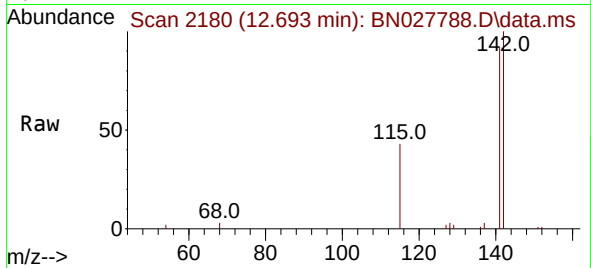
Tgt Ion:142 Resp: 30878
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.758 ng/ul
RT: 12.693 min Scan# 2181
Delta R.T. -0.005 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

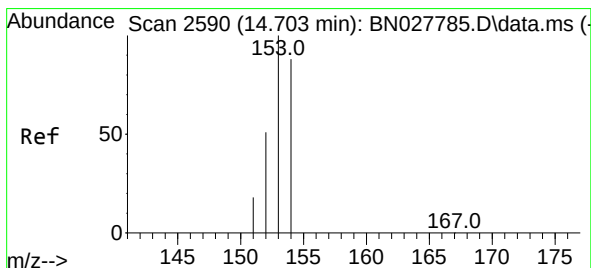
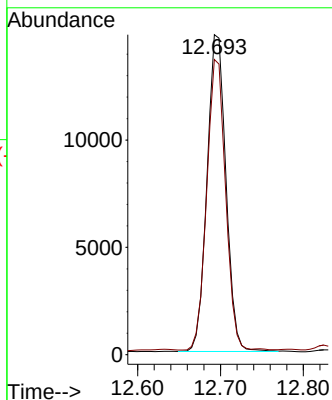
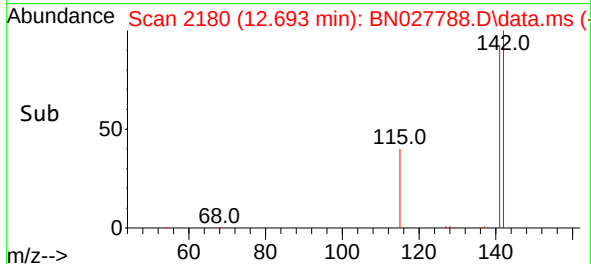
Instrument :
BNA_N
ClientSampleId :
EZYX8



Tgt Ion:142 Resp: 23460
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

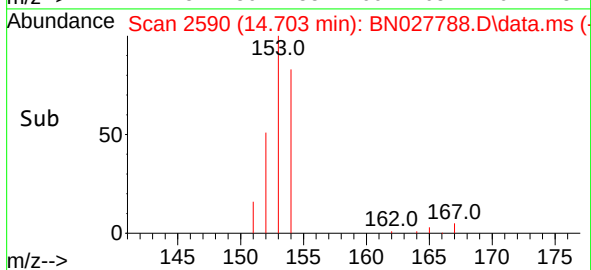
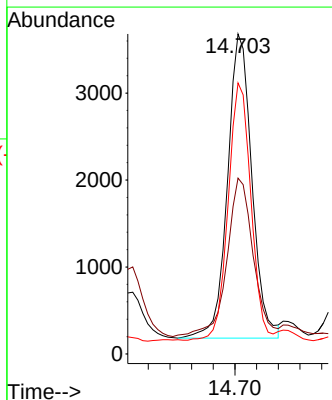
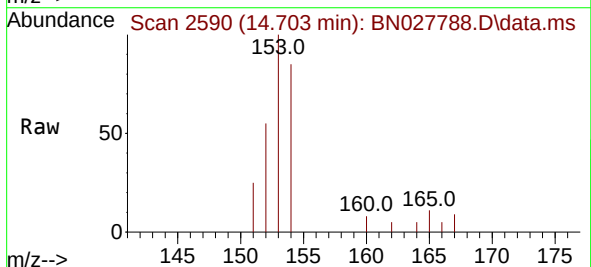
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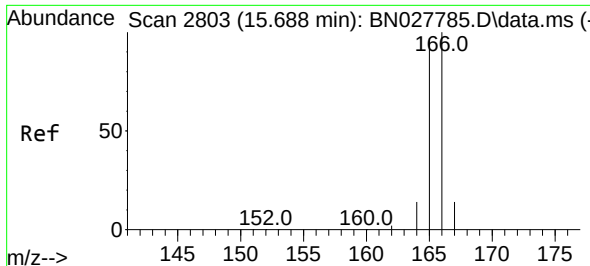
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

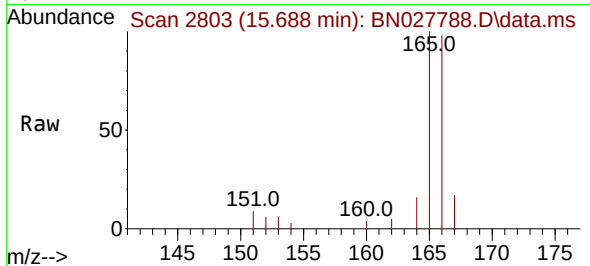
Tgt Ion:153 Resp: 5465
Ion Ratio Lower Upper
153 100
152 54.9 41.7 62.5
154 84.7 70.3 105.5





#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

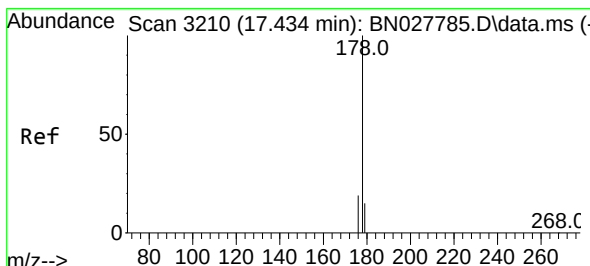
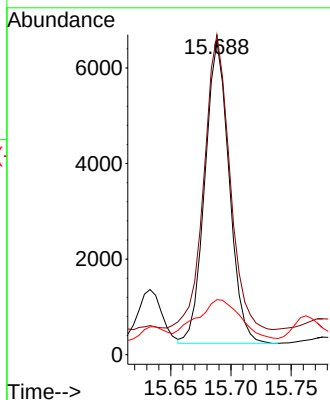
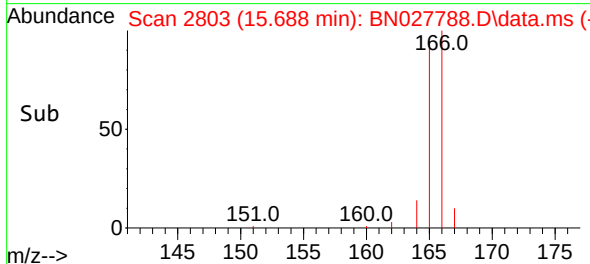
Instrument :
BNA_N
ClientSampleId :
EZYX8



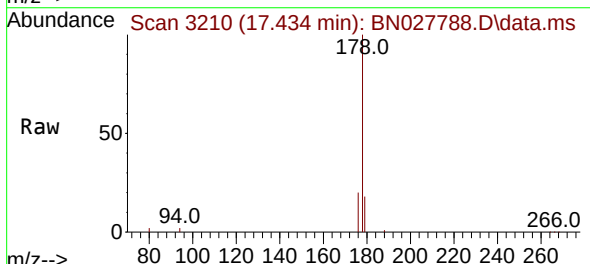
Tgt Ion:166 Resp: 8859
Ion Ratio Lower Upper
166 100
165 102.1 78.0 117.0
167 17.6 11.4 17.2

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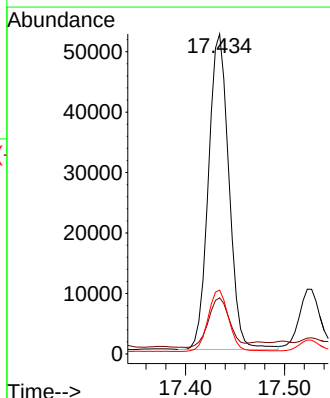
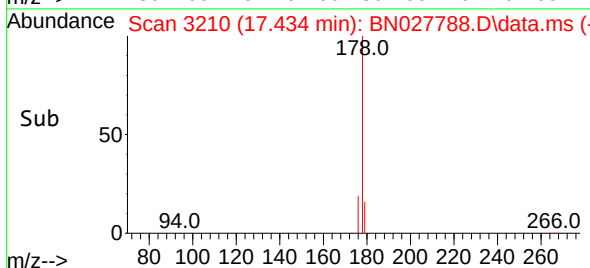
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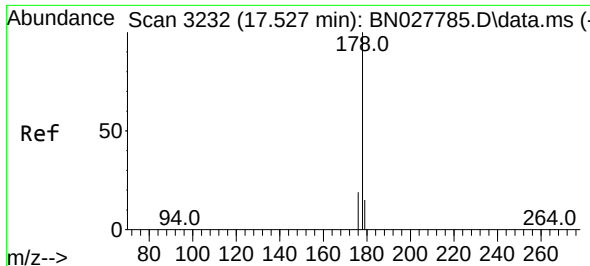


#15
Phenanthrene
Concen: 1.017 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47



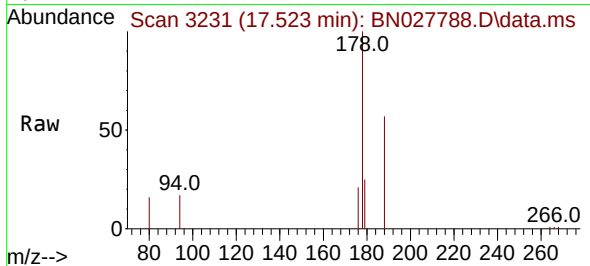
Tgt Ion:178 Resp: 74873
Ion Ratio Lower Upper
178 100
179 17.6 12.4 18.6
176 19.9 16.0 24.0





#16
 Anthracene
 Concen: 0.216 ng/ul
 RT: 17.523 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47

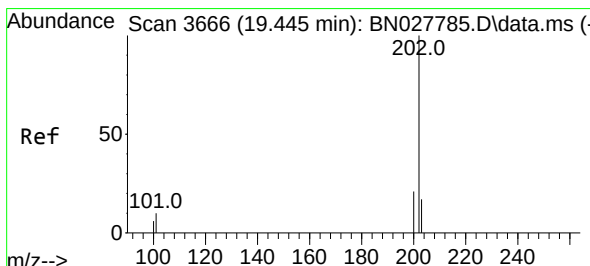
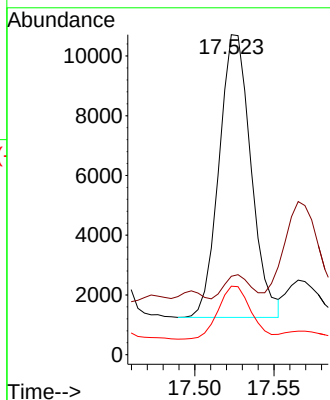
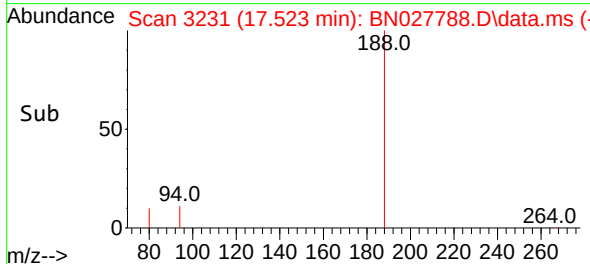
Instrument :
 BNA_N
 ClientSampleId :
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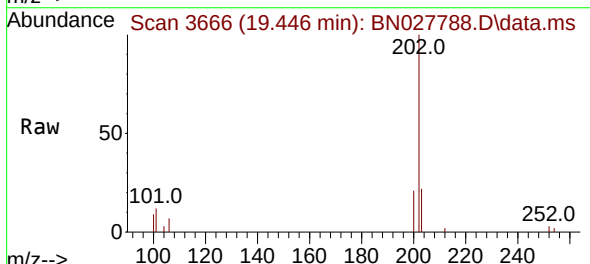
Tgt Ion:178 Resp: 13290
 Ion Ratio Lower Upper
 178 100
 179 24.5 12.6 19.0
 176 21.4 15.5 23.3

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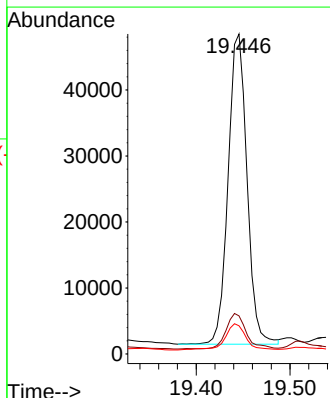
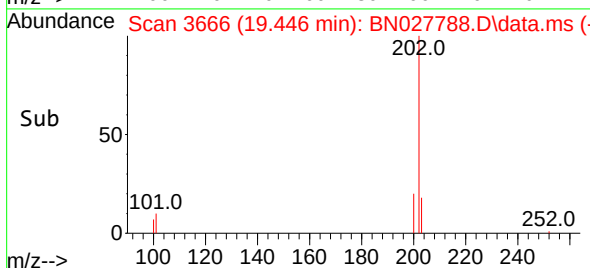
Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

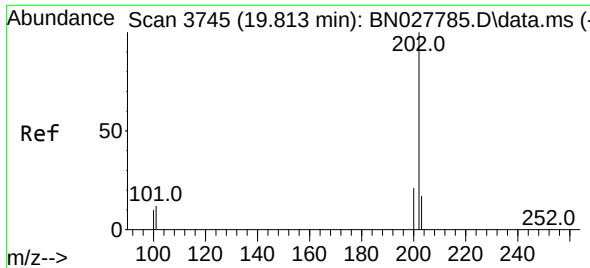


#19
 Fluoranthene
 Concen: 0.766 ng/ul
 RT: 19.446 min Scan# 3666
 Delta R.T. 0.000 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47



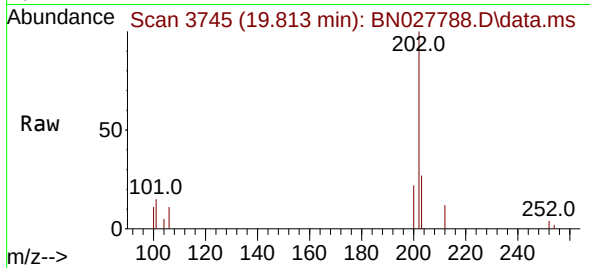
Tgt Ion:202 Resp: 65710
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.3 13.9
 100 8.8 7.0 10.4





#20
Pyrene
Concen: 0.608 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

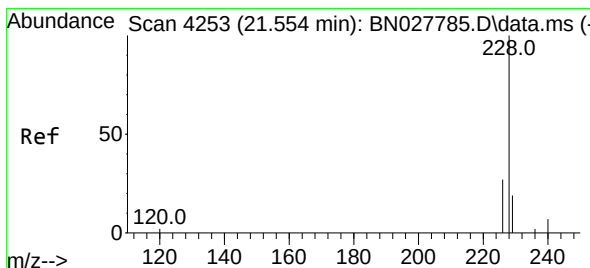
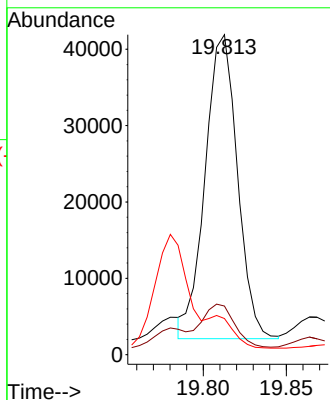
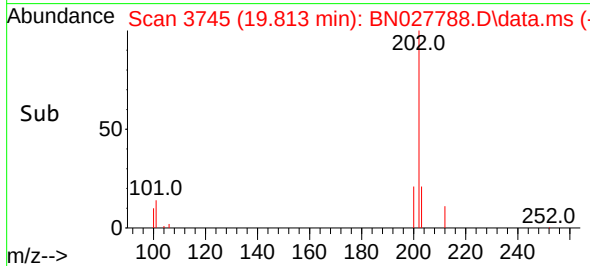
Instrument :
BNA_N
ClientSampleId :
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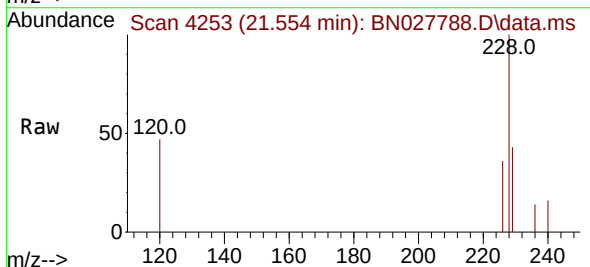
Tgt Ion:202 Resp: 53776
Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.0
100 11.3 9.1 13.7

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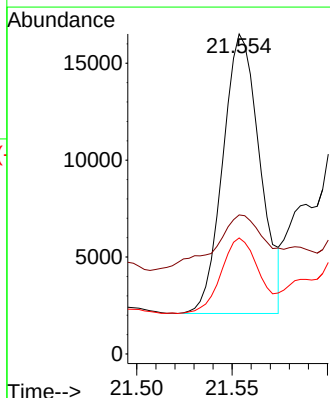
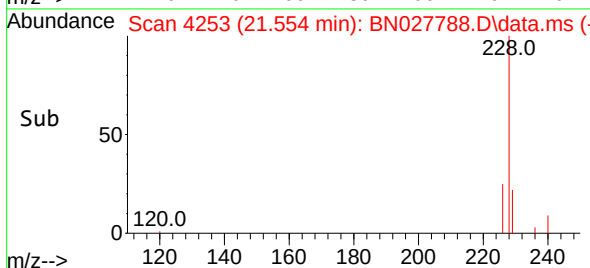
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

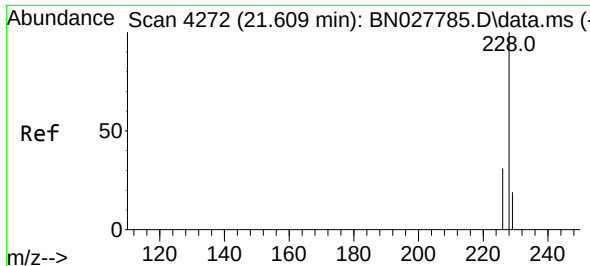


#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47



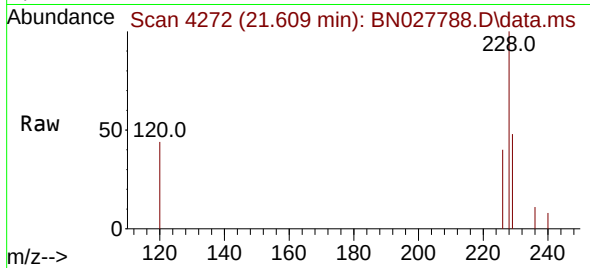
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Ion Ratio Lower Upper
228 100
229 43.5 15.8 23.8#
226 36.3 22.0 33.0#





#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

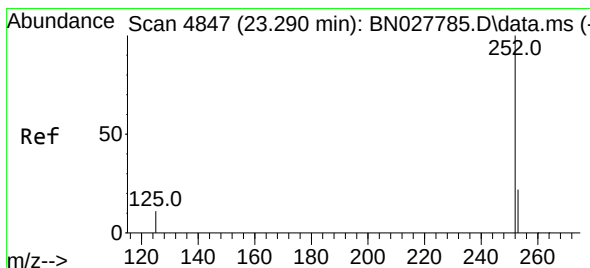
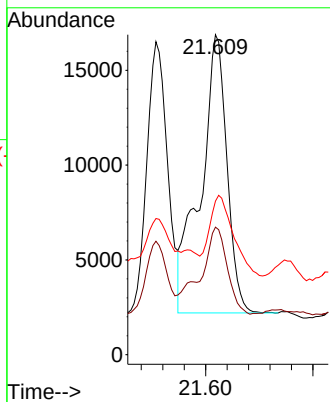
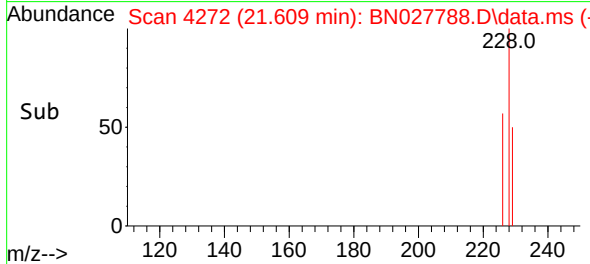
Instrument :
BNA_N
ClientSampleId :
EZYX8



Tgt Ion:228 Resp: 25089
Ion Ratio Lower Upper
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226 39.9 24.5 36.7
229 48.0 16.0 24.0

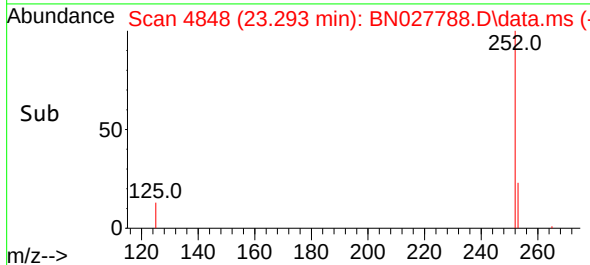
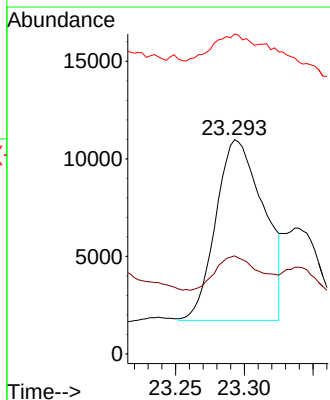
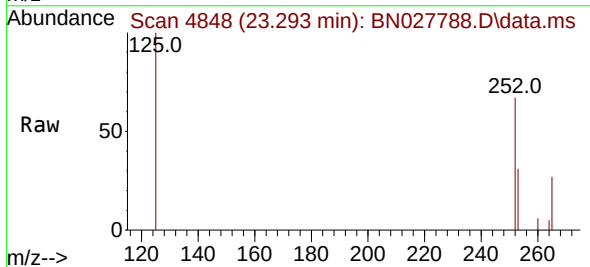
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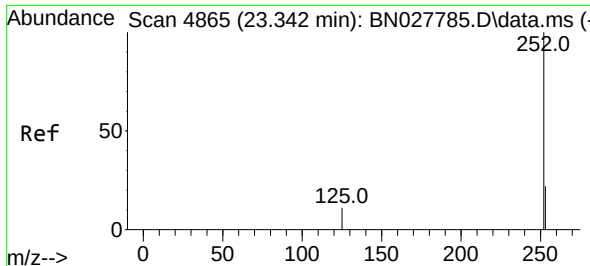
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

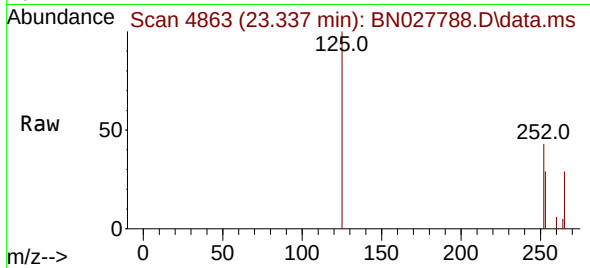
Tgt Ion:252 Resp: 22428
Ion Ratio Lower Upper
252 100
253 45.8 0.0 50.2
125 149.4 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

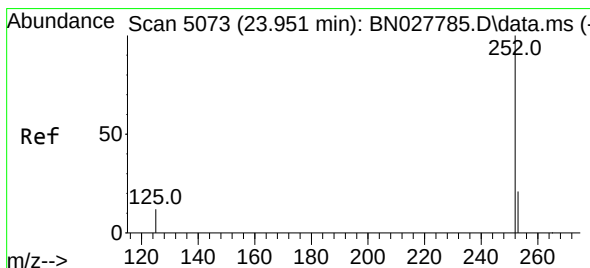
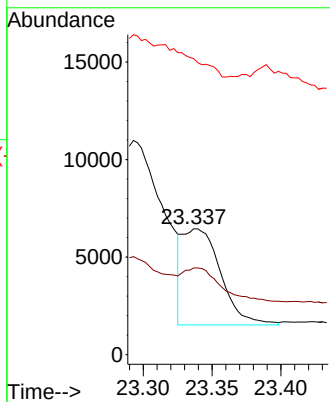
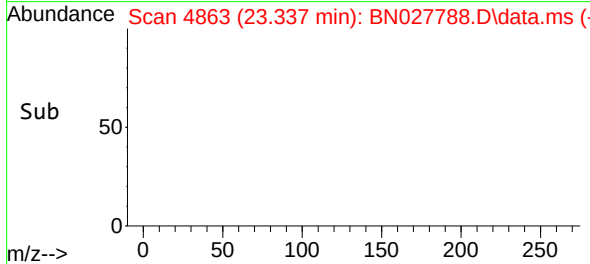
Instrument :
BNA_N
ClientSampleId :
EZYX8



Tgt Ion:252 Resp: 9538
Ion Ratio Lower Upper
252 100
253 68.9 19.9 29.9#
125 235.0 12.6 19.0#

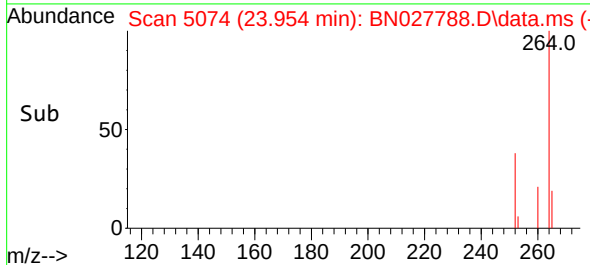
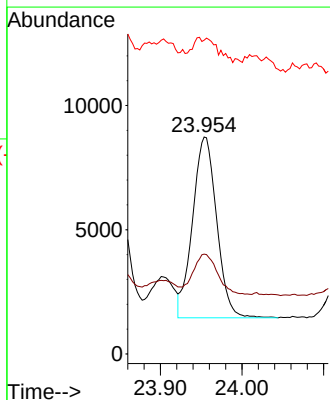
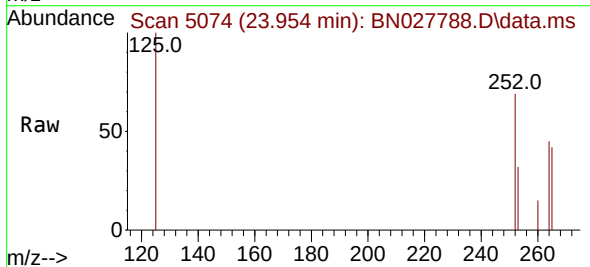
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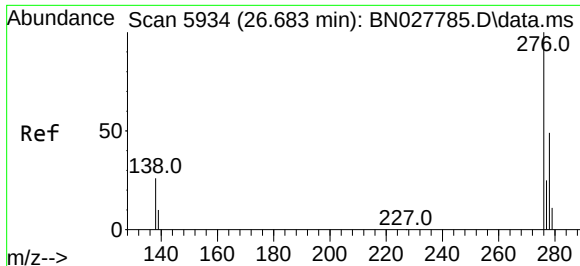
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#26
Benzo(a)pyrene
Concen: 0.172 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

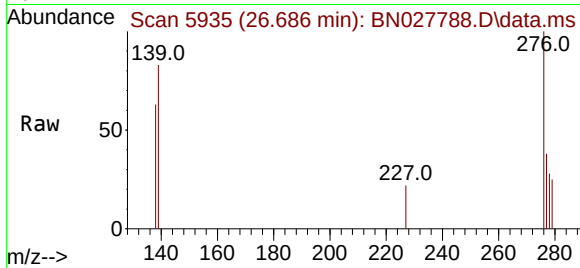
Tgt Ion:252 Resp: 14946
Ion Ratio Lower Upper
252 100
253 46.0 21.9 32.9#
125 144.6 15.5 23.3#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.086 ng/ul
 RT: 26.686 min Scan# 5934
 Delta R.T. 0.003 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47

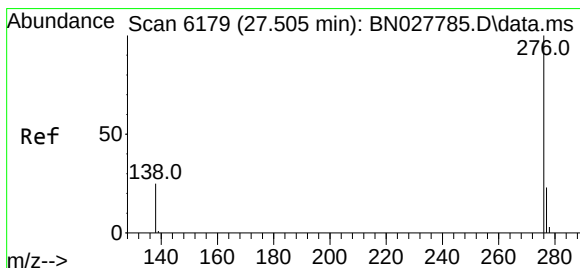
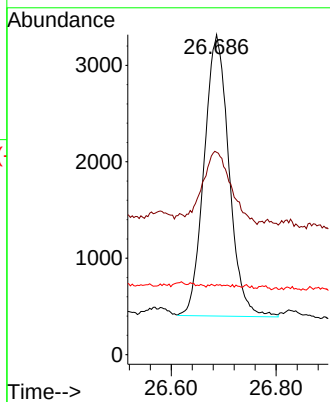
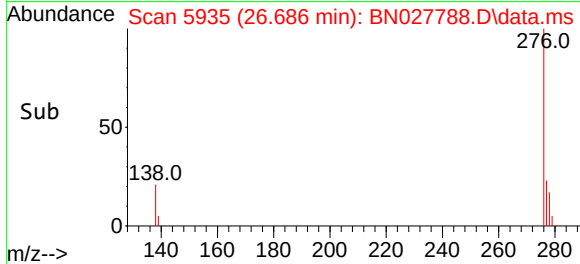
Instrument :
 BNA_N
 ClientSampleId :
 EZYX8



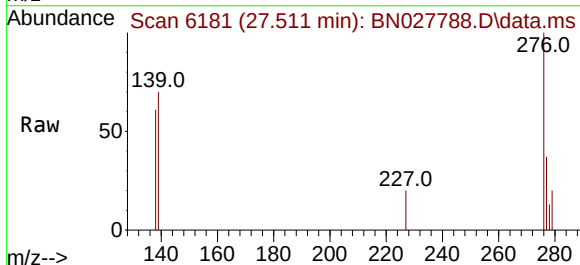
Tgt Ion:276 Resp: 9572
 Ion Ratio Lower Upper
 276 100
 138 29.8 24.3 36.5
 227 1.0 0.0 0.0

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.107 ng/ul
 RT: 27.511 min Scan# 6181
 Delta R.T. 0.007 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47



Tgt Ion:276 Resp: 10064
 Ion Ratio Lower Upper
 276 100
 138 60.6 21.7 32.5#
 277 36.6 20.2 30.2#

