

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027953.D
 Acq On : 29 Sep 2023 08:08
 Operator : MA/JU
 Sample : 04417-31DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYN0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 08:43:36 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)

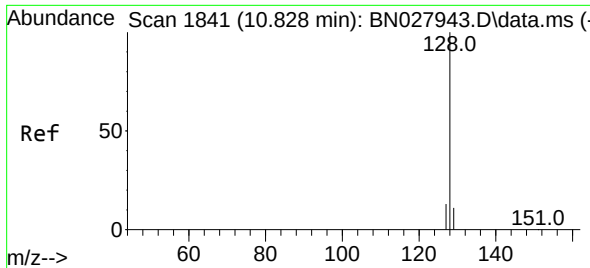
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	5330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	19232	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	11255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	23770	0.400	ng/ul	0.01
17) Chrysene-d12	21.556	240	15599	0.400	ng/ul	# 0.02
23) Perylene-d12	24.044	264	15709	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3059	0.456	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1556	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3337	0.070	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	5606	0.102	ng/ul#	95
7) 2-Methylnaphthalene	12.445	142	4990	0.143	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	3366	0.094	ng/ul	98
10) Acenaphthylene	14.338	152	2872	0.058	ng/ul#	88
11) Acenaphthene	14.675	153	873	0.021	ng/ul	95
15) Phenanthrene	17.409	178	12824	0.172	ng/ul#	95
16) Anthracene	17.502	178	5043	0.081	ng/ul#	83
19) Fluoranthene	19.422	202	23781	0.377	ng/ul	96
20) Pyrene	19.789	202	22047m	0.339	ng/ul	
21) Benzo(a)anthracene	21.539	228	14757	0.244	ng/ul#	52
22) Chrysene	21.594	228	18747	0.301	ng/ul#	53
24) Benzo(b)fluoranthene	23.275	252	31031m	0.443	ng/ul	
25) Benzo(k)fluoranthene	23.316	252	9064m	0.134	ng/ul	
26) Benzo(a)pyrene	23.933	252	18399	0.327	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.663	276	18084	0.251	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.673	278	4840	0.083	ng/ul#	1
29) Benzo(g,h,i)perylene	27.488	276	20012	0.327	ng/ul#	52

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

Manual Integrations

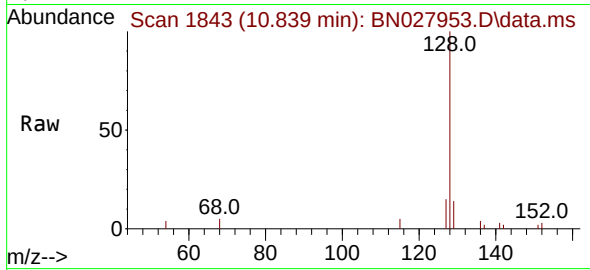
Quant Time: Sep 29 08:43:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.839 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

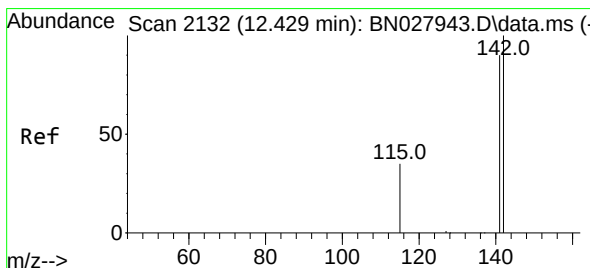
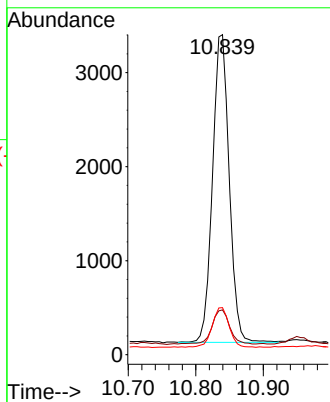
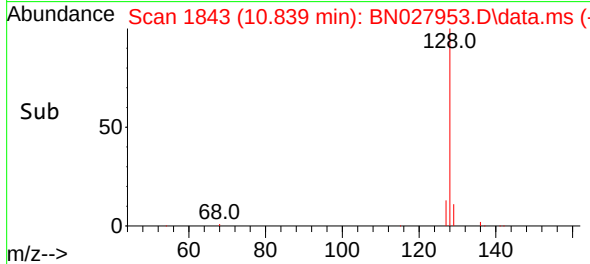
Instrument :
BNA_N
ClientSampleId :
EZYNO DL



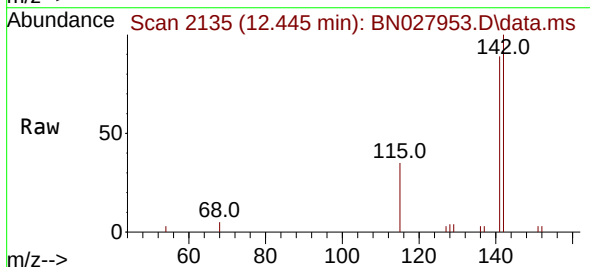
Tgt Ion:128 Resp: 5600
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9
127 14.7 10.7 16.1

Manual Integrations
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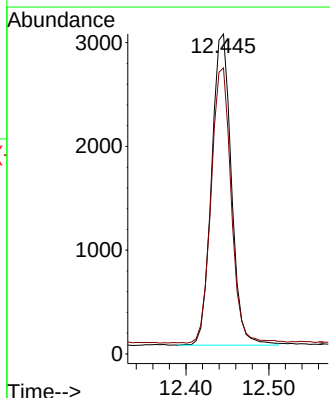
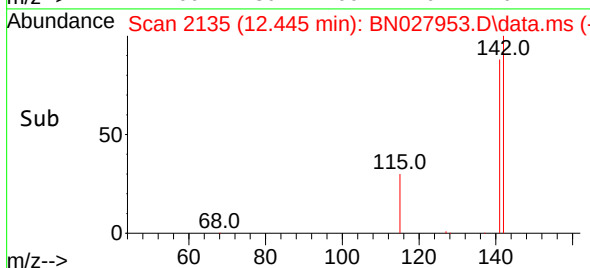
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

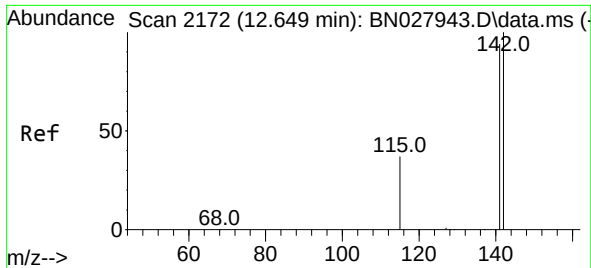


#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08



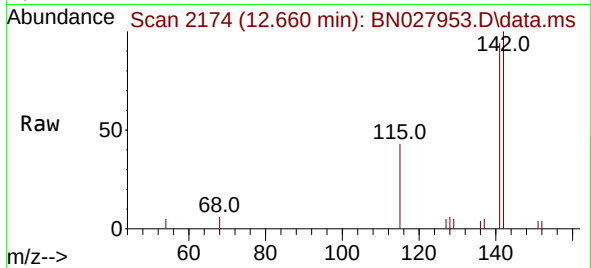
Tgt Ion:142 Resp: 4990
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.660 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

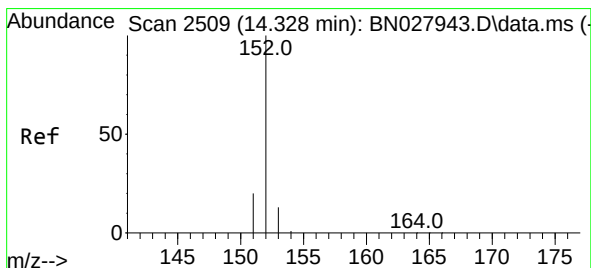
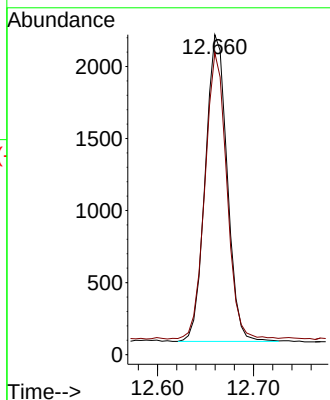
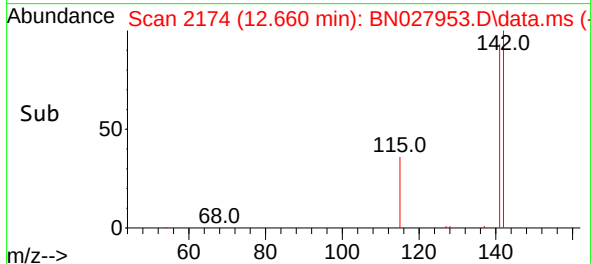
Instrument :
BNA_N
ClientSampleId :
EZYN0DL



Tgt Ion:142 Resp: 3360
Ion Ratio Lower Upper
142 100
141 93.1 72.8 109.2

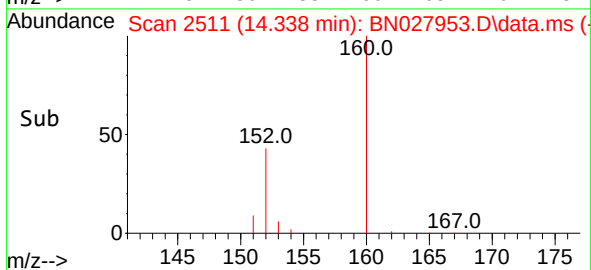
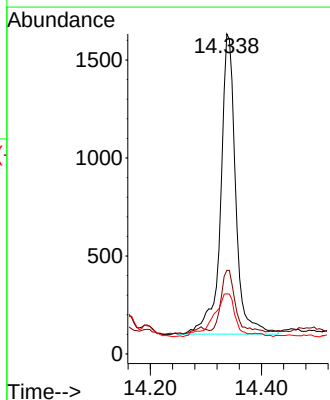
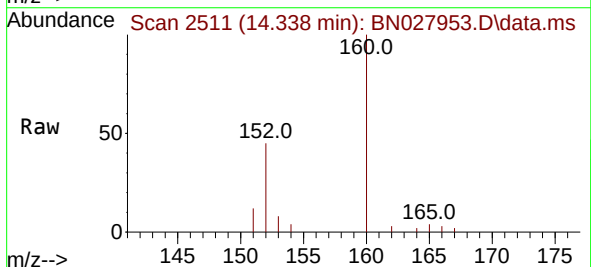
Manual Integrations
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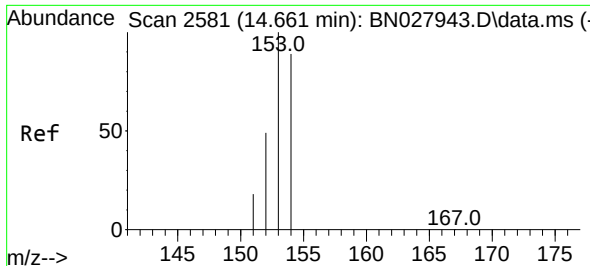
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.338 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

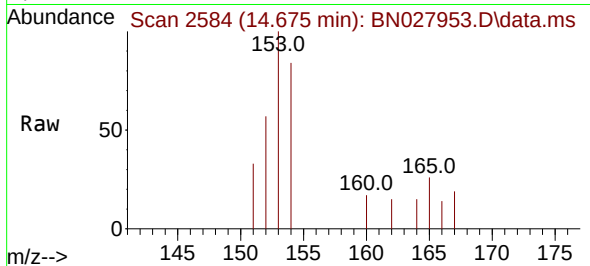
Tgt Ion:152 Resp: 2872
Ion Ratio Lower Upper
152 100
151 26.1 16.6 25.0#
153 18.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.675 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

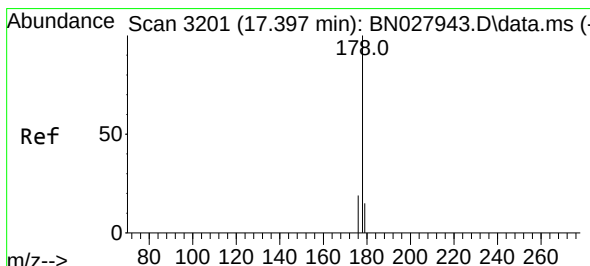
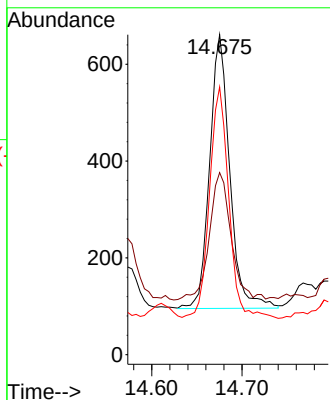
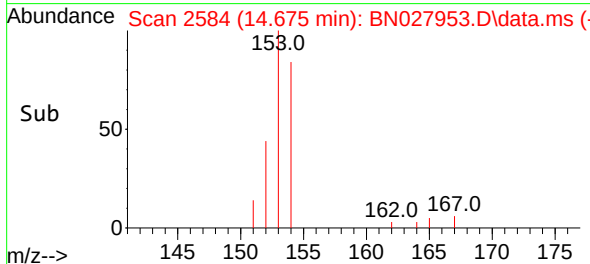
Instrument :
BNA_N
ClientSampleId :
EZYN0DL



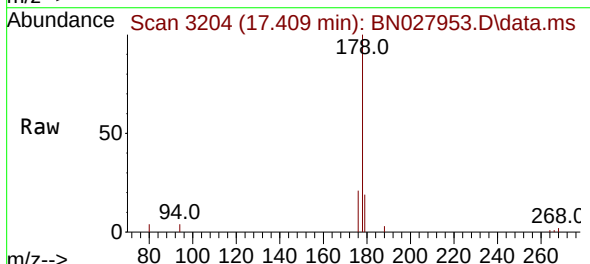
Tgt Ion:153 Resp: 87
Ion Ratio Lower Upper
153 100
152 56.9 41.7 62.5
154 83.7 70.3 105.5

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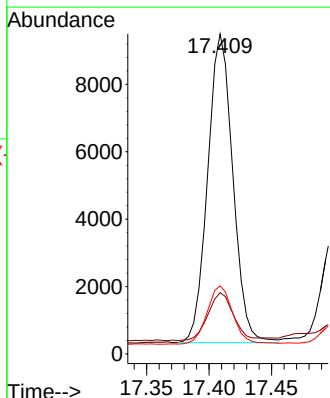
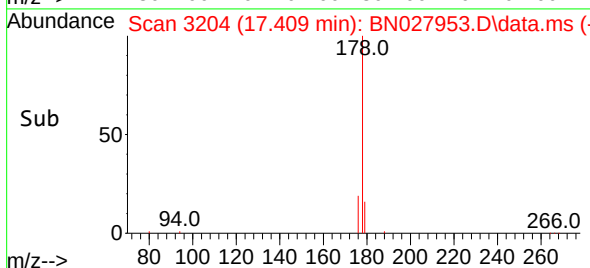
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

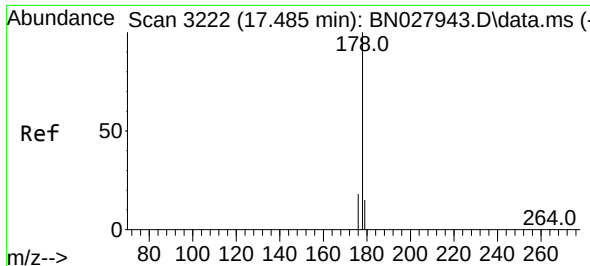


#15
Phenanthrene
Concen: 0.172 ng/ul
RT: 17.409 min Scan# 3204
Delta R.T. 0.012 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08



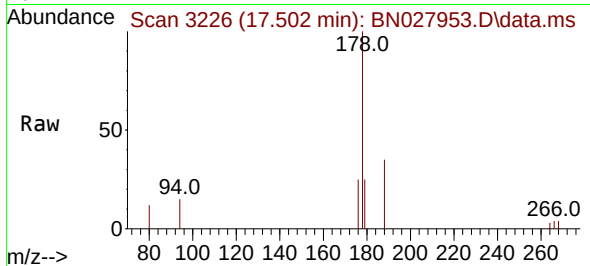
Tgt Ion:178 Resp: 12824
Ion Ratio Lower Upper
178 100
179 19.1 12.4 18.6#
176 21.3 16.0 24.0





#16
 Anthracene
 Concen: 0.081 ng/u1
 RT: 17.502 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BN027953.D
 Acq: 29 Sep 2023 08:08

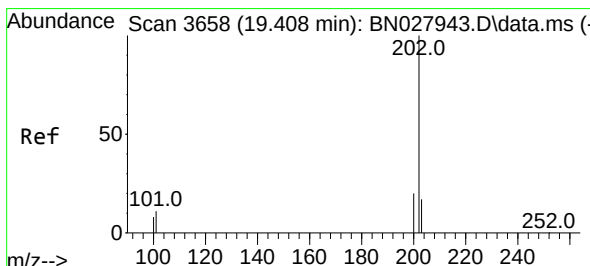
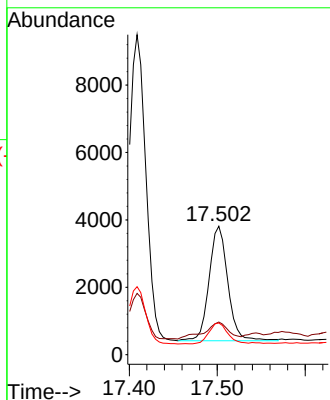
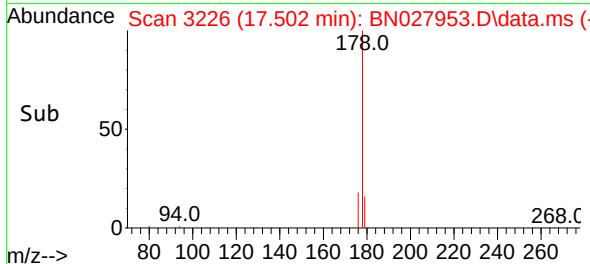
Instrument :
 BNA_N
 ClientSampleId :
 EZYN0DL



Tgt Ion:178 Resp: 504
 Ion Ratio Lower Upper
 178 100
 179 25.4 12.6 19.0
 176 24.7 15.5 23.3

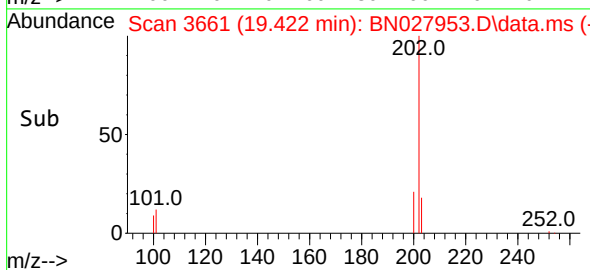
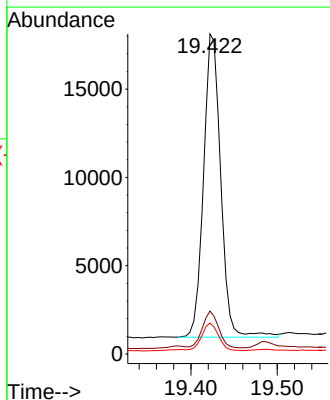
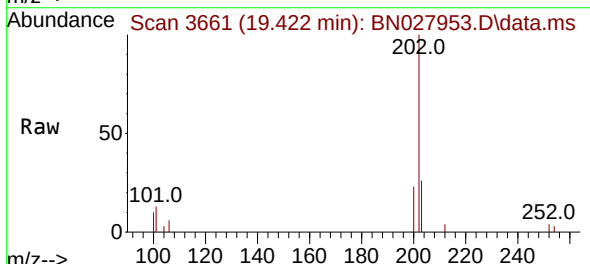
Manual Integrations
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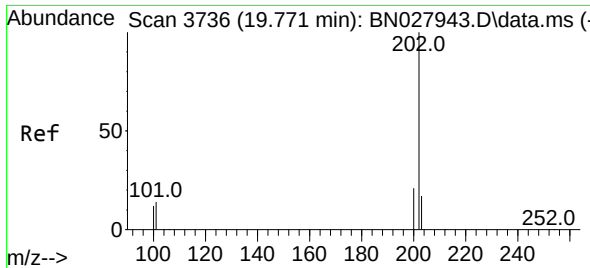
Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023



#19
 Fluoranthene
 Concen: 0.377 ng/u1
 RT: 19.422 min Scan# 3661
 Delta R.T. 0.014 min
 Lab File: BN027953.D
 Acq: 29 Sep 2023 08:08

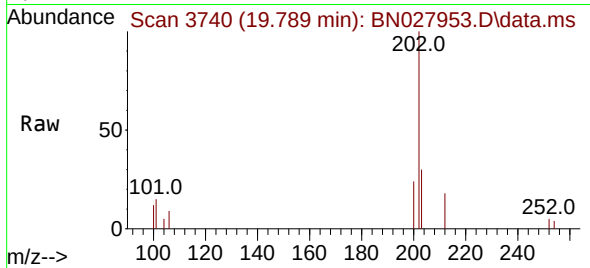
Tgt Ion:202 Resp: 23781
 Ion Ratio Lower Upper
 202 100
 101 13.4 9.3 13.9
 100 9.6 7.0 10.4





#20
Pyrene
Concen: 0.339 ng/ul m
RT: 19.789 min Scan# 3740
Delta R.T. 0.014 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

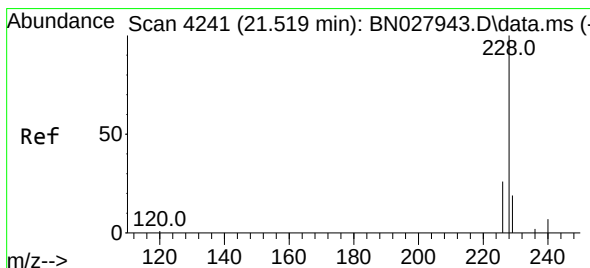
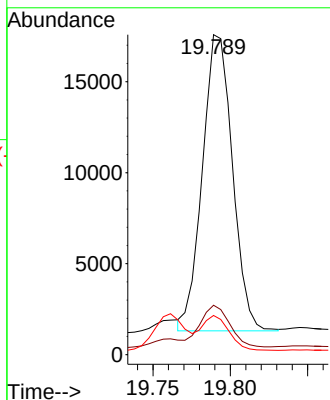
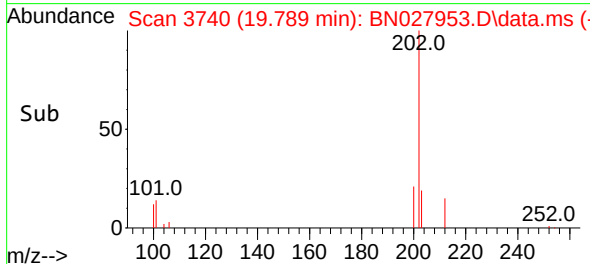
Instrument :
BNA_N
ClientSampleId :
EZYNO DL



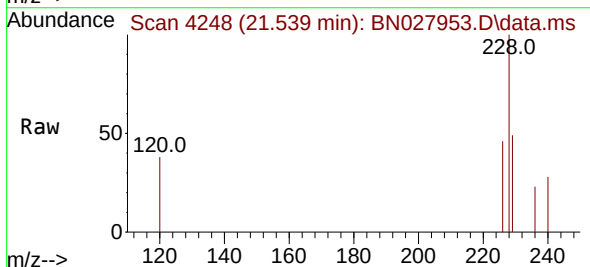
Tgt Ion:202 Resp: 2204
Ion Ratio Lower Upper
202 100
101 15.5 11.4 17.0
100 12.2 9.1 13.7

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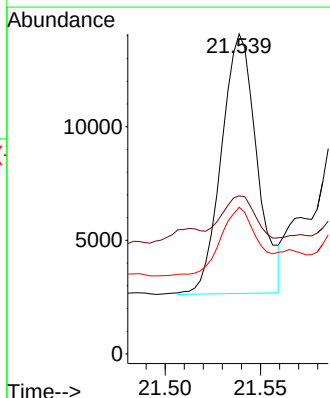
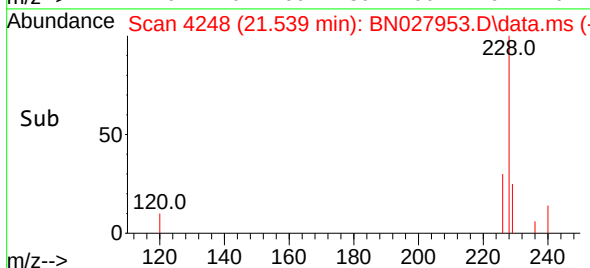
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

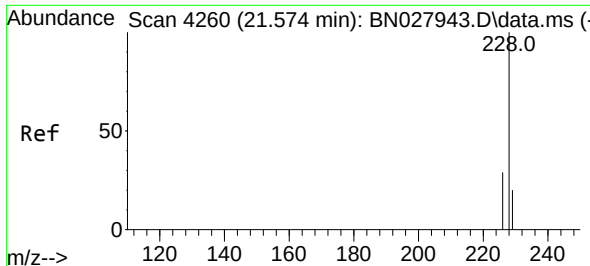


#21
Benzo(a)anthracene
Concen: 0.244 ng/ul
RT: 21.539 min Scan# 4248
Delta R.T. 0.020 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08



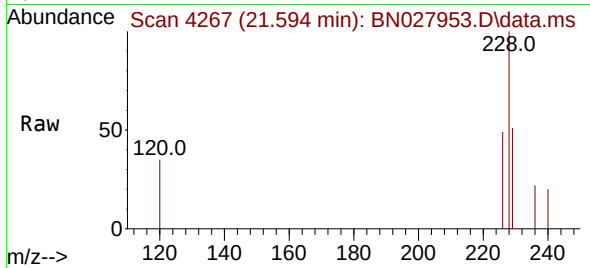
Tgt Ion:228 Resp: 14757
Ion Ratio Lower Upper
228 100
229 49.4 15.8 23.8#
226 45.8 22.0 33.0#





#22
Chrysene
Concen: 0.301 ng/ul
RT: 21.594 min Scan# 4260
Delta R.T. 0.020 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

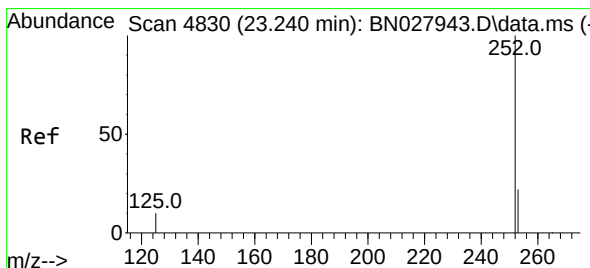
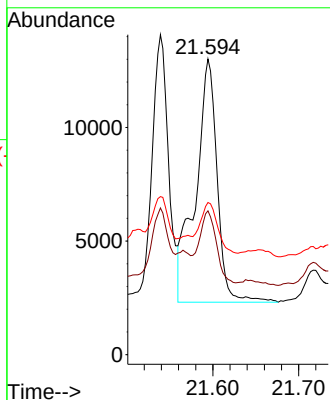
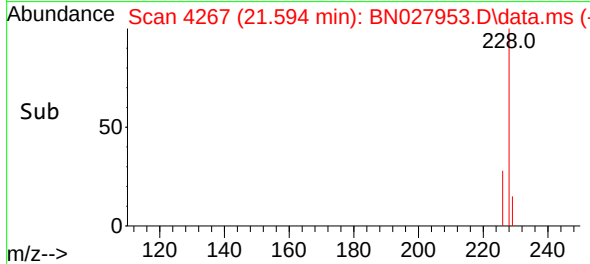
Instrument :
BNA_N
ClientSampleId :
EZYN0DL



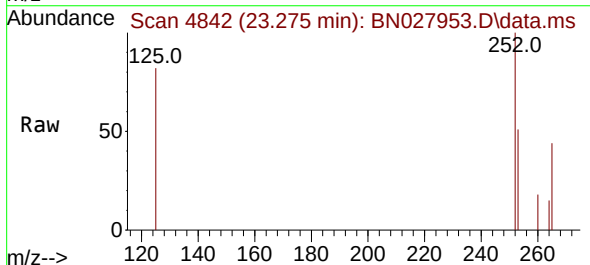
Tgt Ion:228 Resp: 18745
Ion Ratio Lower Upper
228 100
226 48.7 24.5 36.7#
229 51.4 16.0 24.0#

Manual Integrations
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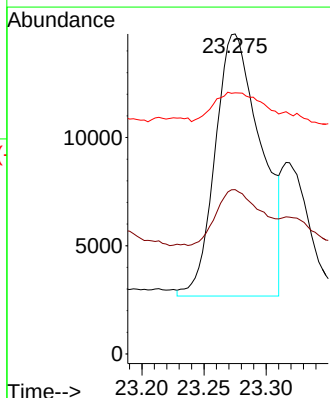
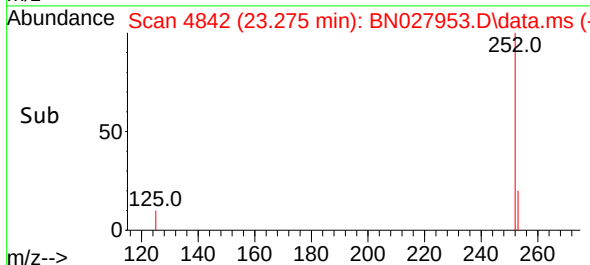
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

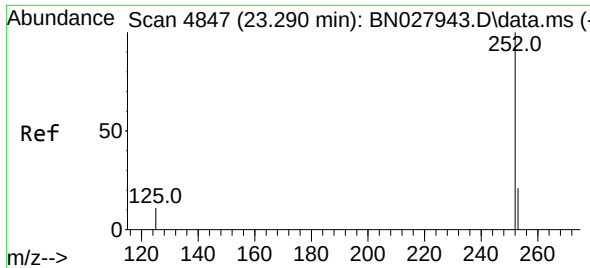


#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul m
RT: 23.275 min Scan# 4842
Delta R.T. 0.035 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08



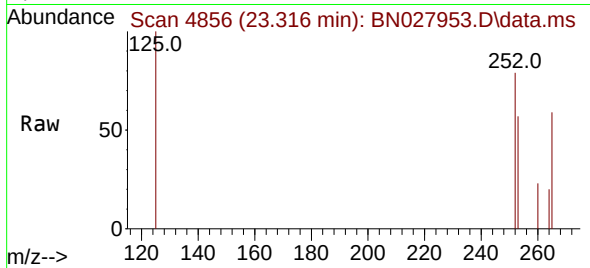
Tgt Ion:252 Resp: 31031
Ion Ratio Lower Upper
252 100
253 51.4 0.0 50.2#
125 81.6 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.134 ng/ul m
RT: 23.316 min Scan# 4847
Delta R.T. 0.023 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

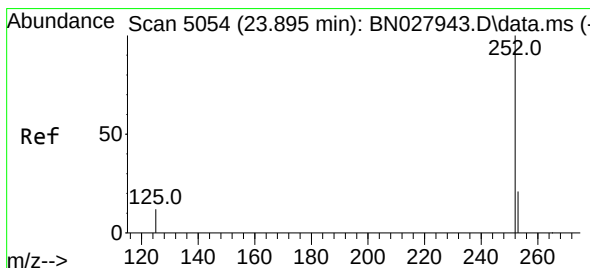
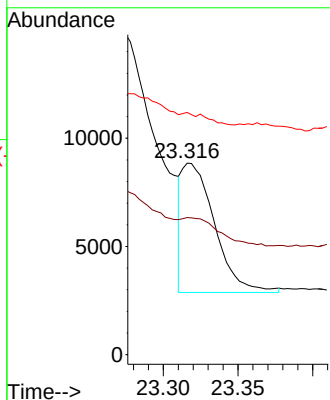
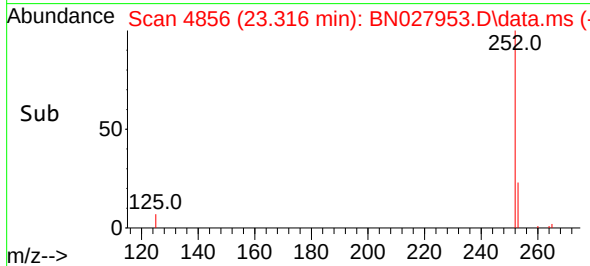
Instrument :
BNA_N
ClientSampleId :
EZYN0DL



Tgt Ion:252 Resp: 9064
Ion Ratio Lower Upper
252 100
253 71.6 19.9 29.9#
125 126.5 12.6 19.0#

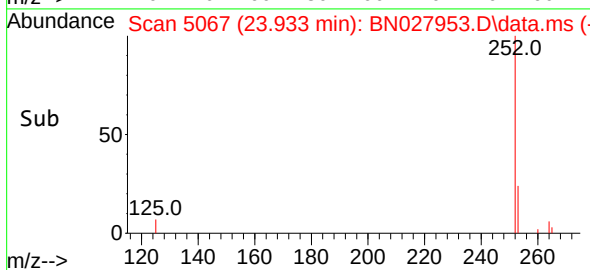
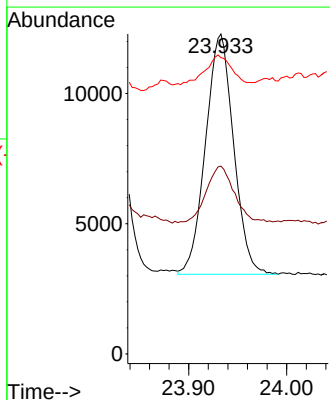
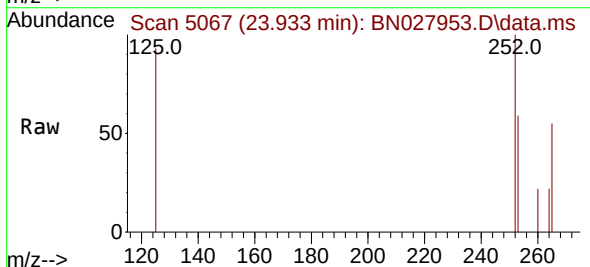
Manual Integrations
APPROVED

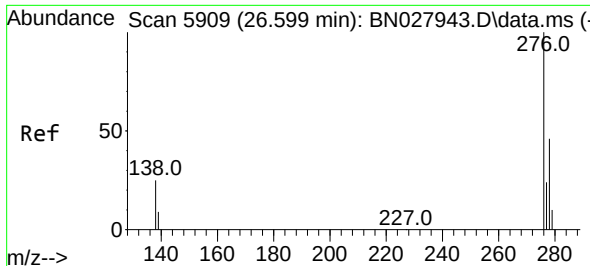
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.933 min Scan# 5067
Delta R.T. 0.038 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

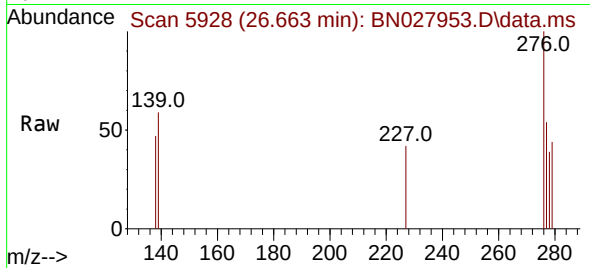
Tgt Ion:252 Resp: 18399
Ion Ratio Lower Upper
252 100
253 58.7 21.9 32.9#
125 92.6 15.5 23.3#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.251 ng/ul
 RT: 26.663 min Scan# 5909
 Delta R.T. 0.063 min
 Lab File: BN027953.D
 Acq: 29 Sep 2023 08:08

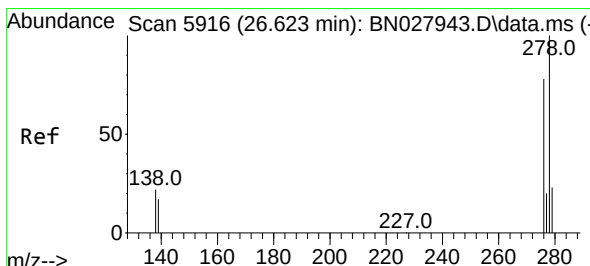
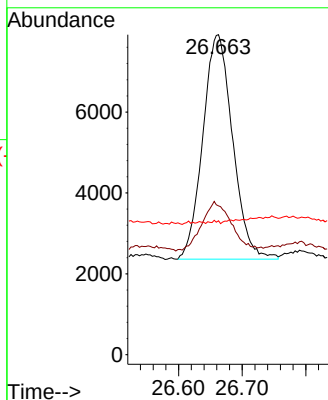
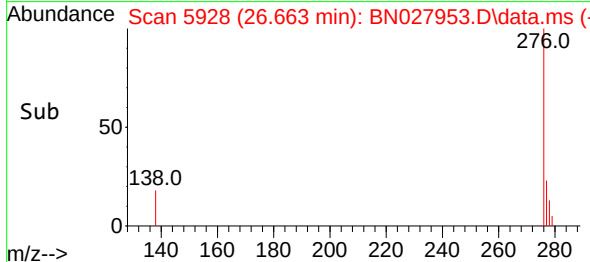
Instrument :
 BNA_N
 ClientSampleId :
 EZYN0DL



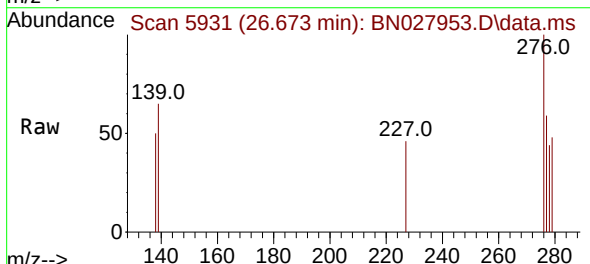
Tgt Ion:276 Resp: 18084
 Ion Ratio Lower Upper
 276 100
 138 22.2 24.3 36.5#
 227 0.3 0.0 0.0#

Manual Integrations
 APPROVED

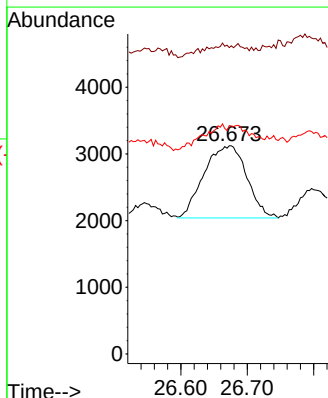
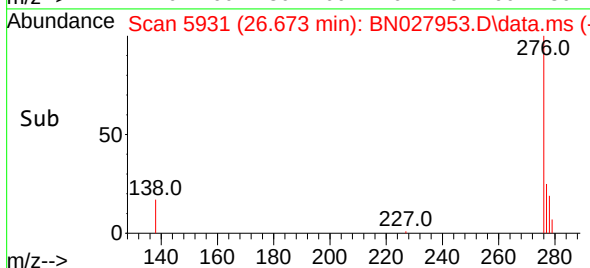
Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023

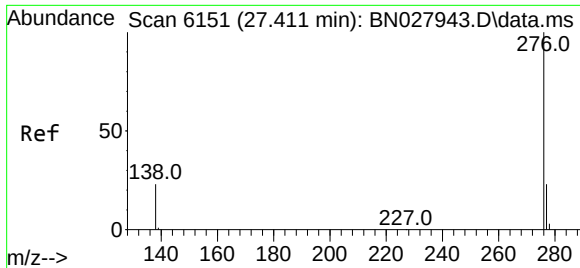


#28
 Dibenzo(a,h)anthracene
 Concen: 0.083 ng/ul
 RT: 26.673 min Scan# 5931
 Delta R.T. 0.050 min
 Lab File: BN027953.D
 Acq: 29 Sep 2023 08:08



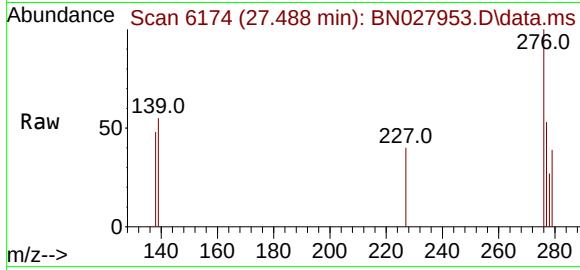
Tgt Ion:278 Resp: 4840
 Ion Ratio Lower Upper
 278 100
 139 147.3 17.2 25.8#
 279 109.7 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 27.488 min Scan# 61
Delta R.T. 0.077 min
Lab File: BN027953.D
Acq: 29 Sep 2023 08:08

Instrument :
BNA_N
ClientSampleId :
EZYN0DL



Tgt Ion:276 Resp: 2001
Ion Ratio Lower Upper
276 100
138 48.0 21.7 32.5
277 53.4 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

