

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027923.D
 Acq On : 28 Sep 2023 13:27
 Operator : MA/JU
 Sample : 04417-33
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYN2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 28 16:20:34 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	7.958	152	3538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	13465	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	18693	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	15266	0.400	ng/ul	# 0.00
23) Perylene-d12	24.021	264	14585	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	22681	5.089	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	9563	0.469	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	22701	0.487	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	45916	1.193	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	43924	1.799	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	17196	0.683	ng/ul	99
10) Acenaphthylene	14.333	152	18790	0.484	ng/ul	96
11) Acenaphthene	14.666	153	19182	0.572	ng/ul	99
12) Fluorene	15.651	166	9288	0.236	ng/ul#	92
15) Phenanthrene	17.397	178	215404	3.667	ng/ul	98
16) Anthracene	17.489	178	52682	1.071	ng/ul	97
19) Fluoranthene	19.413	202	644263	10.436	ng/ul	100
20) Pyrene	19.780	202	664394m	10.448	ng/ul	
21) Benzo(a)anthracene	21.525	228	570485	9.658	ng/ul	98
22) Chrysene	21.580	228	676411	11.082	ng/ul	96
24) Benzo(b)fluoranthene	23.255	252	1042801m	16.040	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	410670m	6.517	ng/ul	
26) Benzo(a)pyrene	23.910	252	776780	14.856	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.616	276	599892	8.954	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.630	278	145795	2.703	ng/ul#	92
29) Benzo(g,h,i)perylene	27.442	276	569335	10.006	ng/ul	97

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

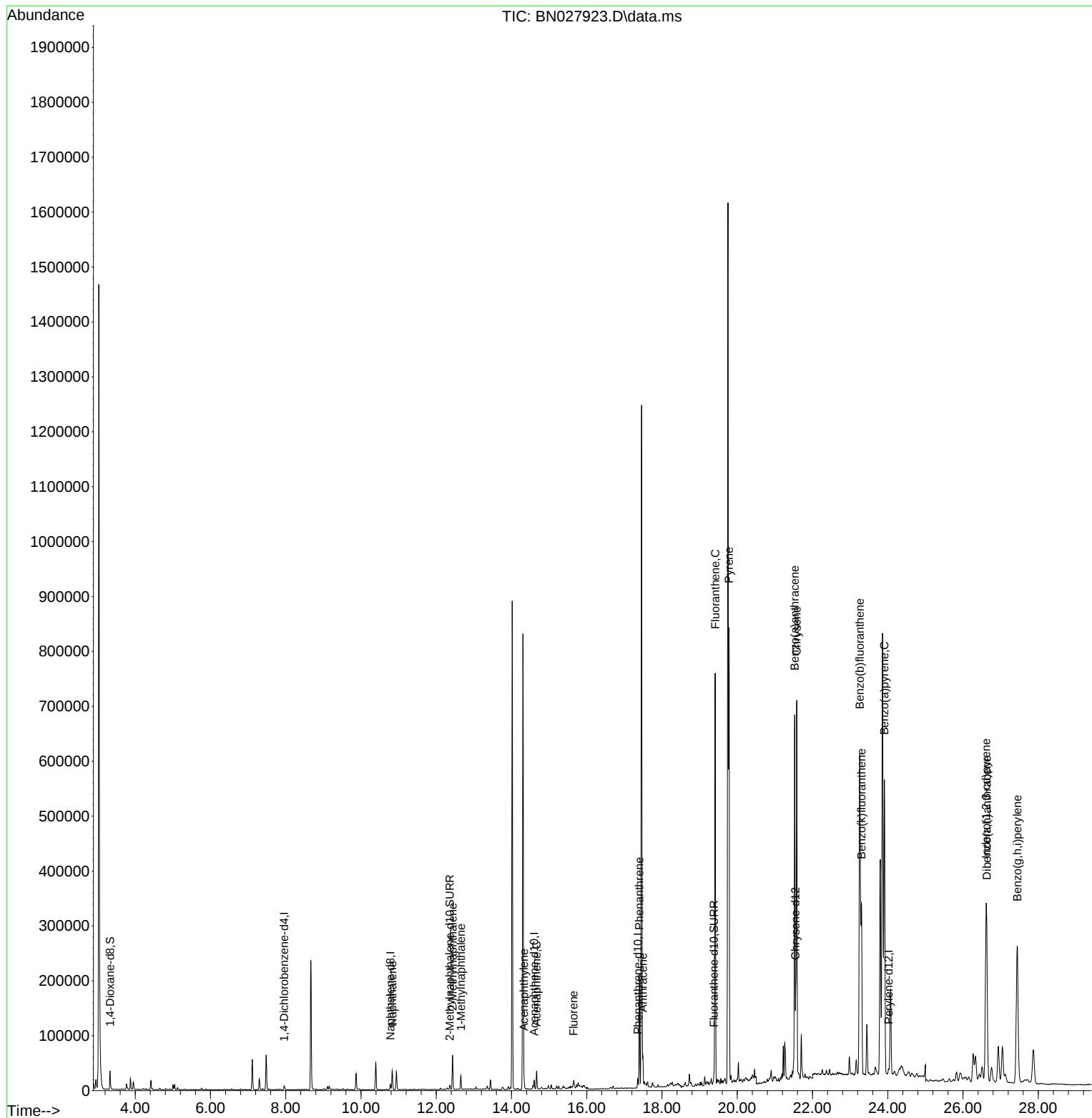
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027923.D
Acq On : 28 Sep 2023 13:27
Operator : MA/JU
Sample : 04417-33
Misc :
ALS Vial : 9 Sample Multiplier: 1

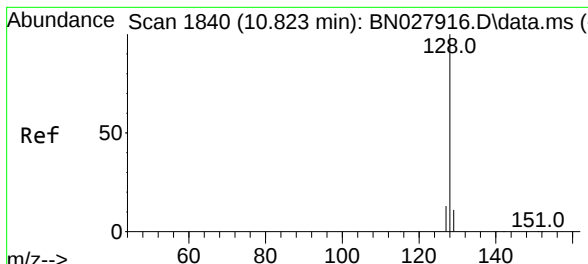
Instrument :
BNA_N
ClientSampleId :
EZYN2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

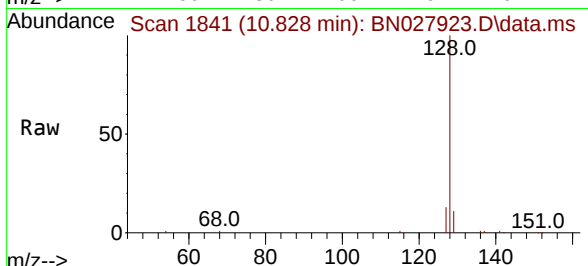
Quant Time: Sep 28 16:20:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.193 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

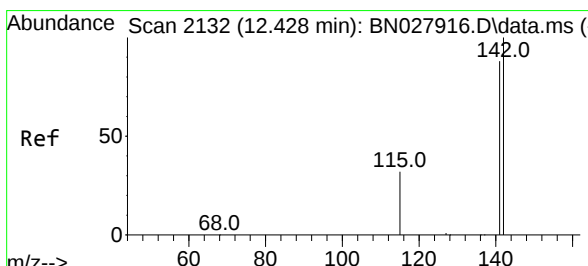
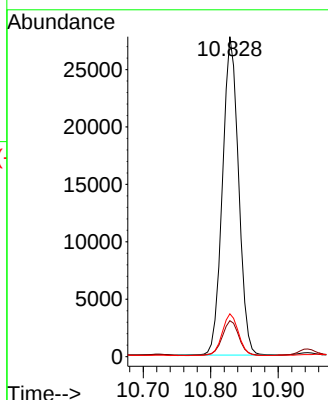
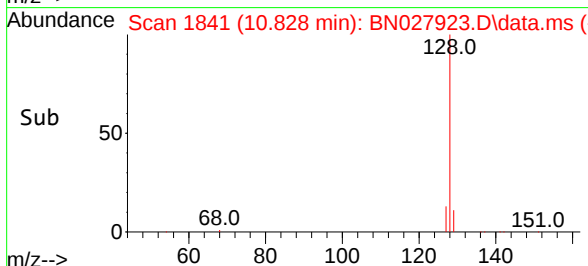
Instrument :
BNA_N
ClientSampleId :
EZYN2



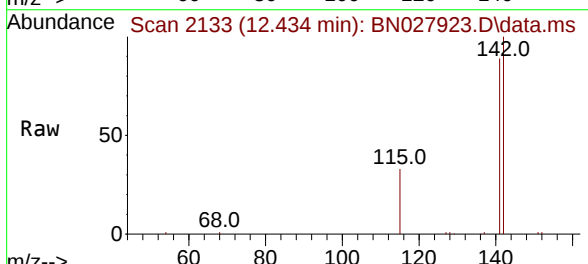
Tgt Ion:128 Resp: 45910
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.7 16.1

Manual Integrations
APPROVED

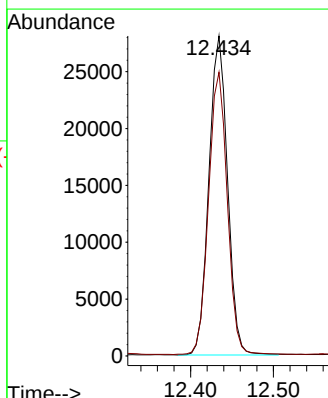
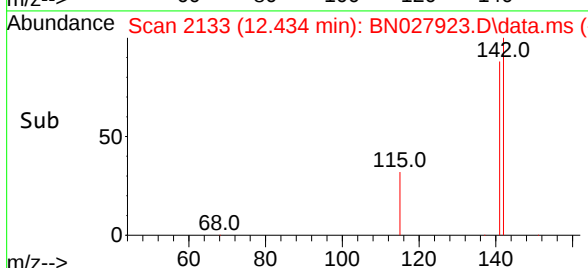
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

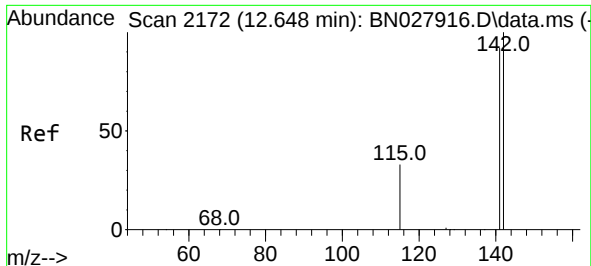


#7
2-Methylnaphthalene
Concen: 1.799 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27



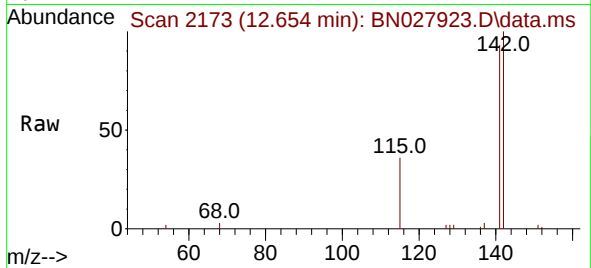
Tgt Ion:142 Resp: 43924
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.683 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

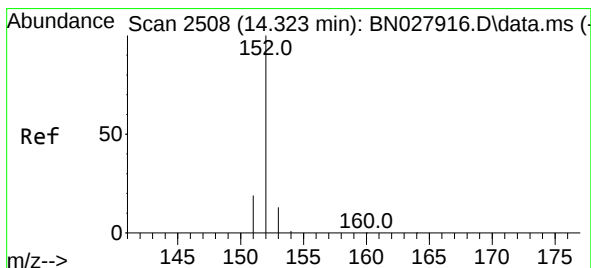
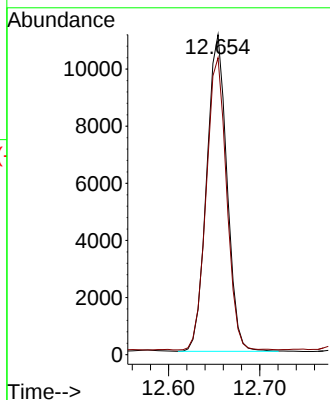
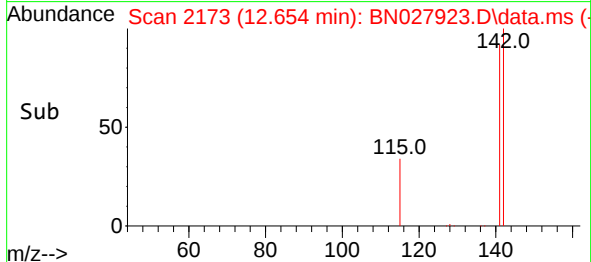
Instrument :
BNA_N
ClientSampleId :
EZYN2



Tgt Ion:142 Resp: 17190
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2

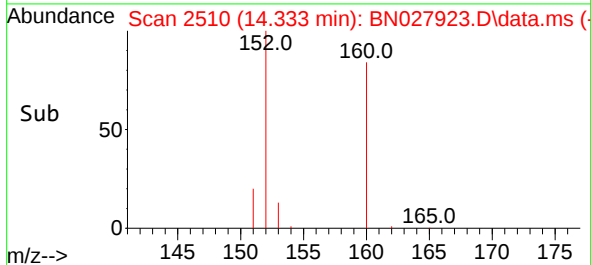
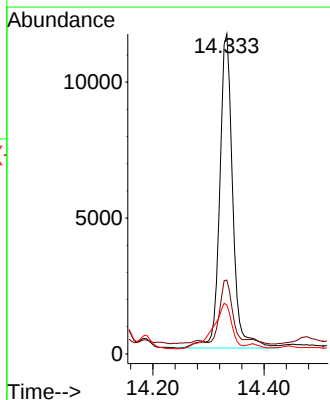
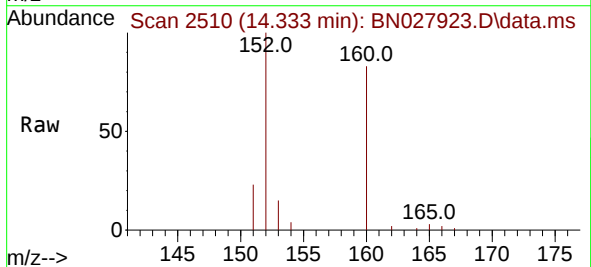
Manual Integrations
APPROVED

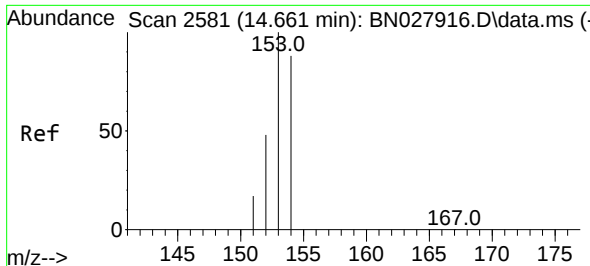
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

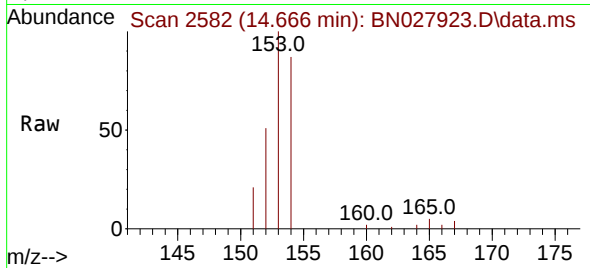
Tgt Ion:152 Resp: 18790
Ion Ratio Lower Upper
152 100
151 23.1 16.6 25.0
153 15.3 11.0 16.6





#11
Acenaphthene
Concen: 0.572 ng/ul
RT: 14.666 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

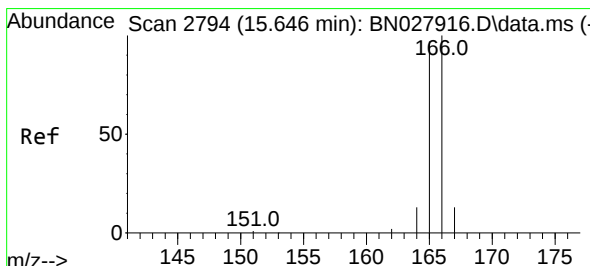
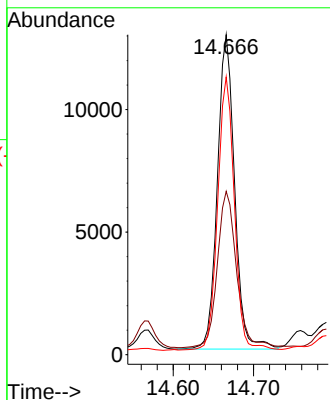
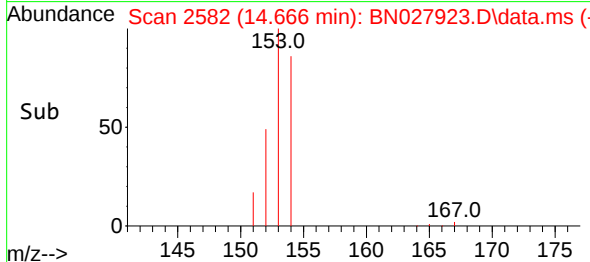
Instrument :
BNA_N
ClientSampleId :
EZY2



Tgt Ion:153 Resp: 1918
Ion Ratio Lower Upper
153 100
152 51.0 41.7 62.5
154 86.8 70.3 105.5

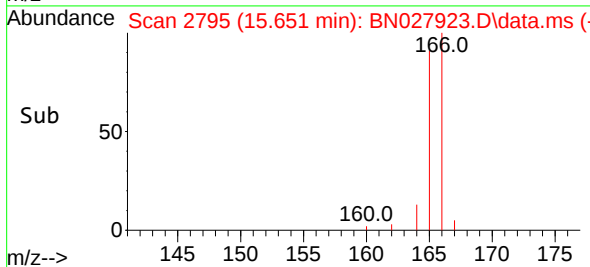
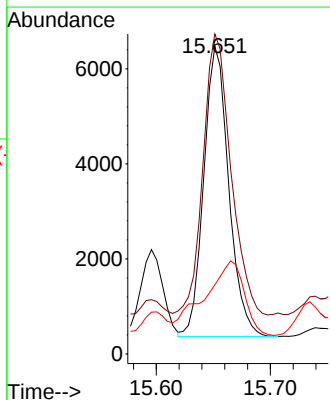
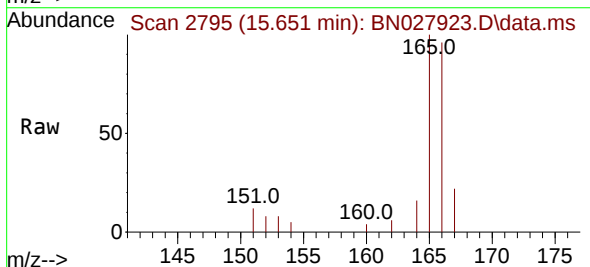
Manual Integrations
APPROVED

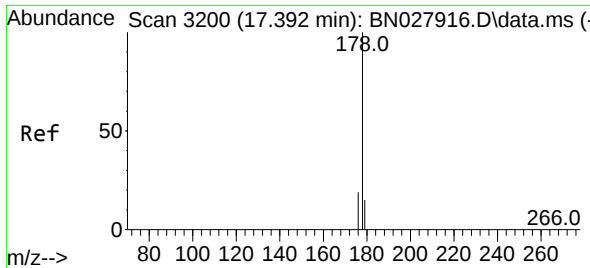
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#12
Fluorene
Concen: 0.236 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

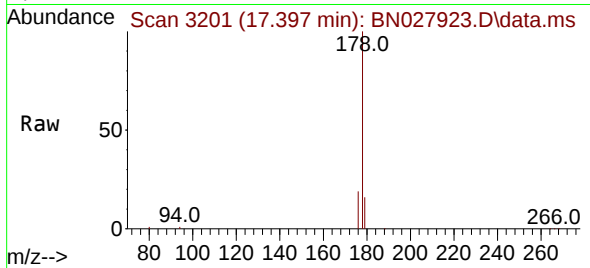
Tgt Ion:166 Resp: 9288
Ion Ratio Lower Upper
166 100
165 104.1 78.0 117.0
167 22.5 11.4 17.2#





#15
Phenanthrene
Concen: 3.667 ng/u1
RT: 17.397 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

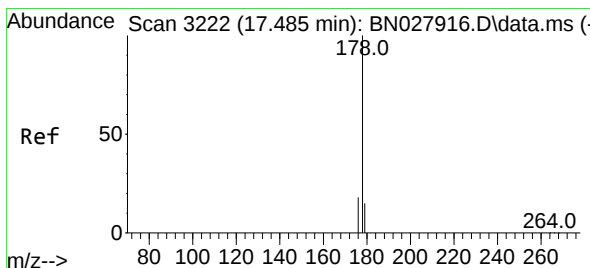
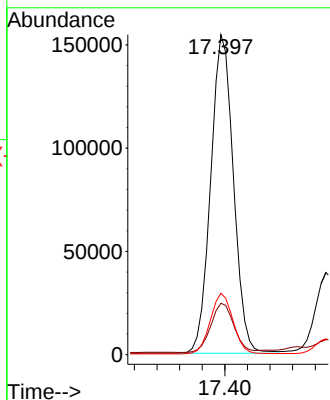
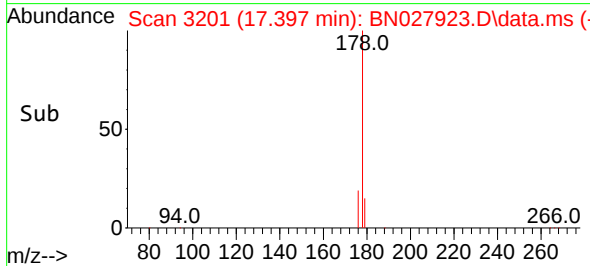
Instrument :
BNA_N
ClientSampleId :
EZY2



Tgt Ion:178 Resp: 215404
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.2 16.0 24.0

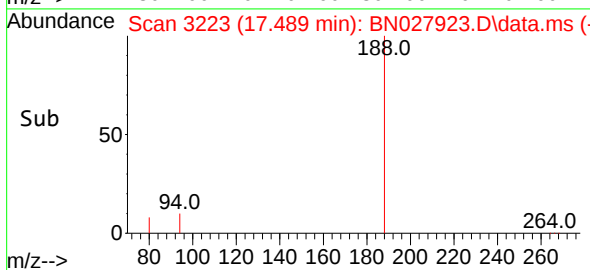
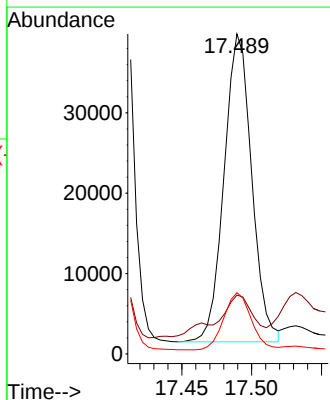
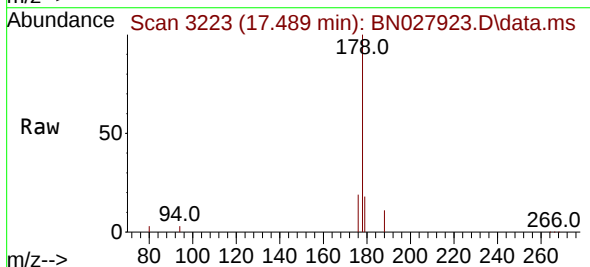
Manual Integrations
APPROVED

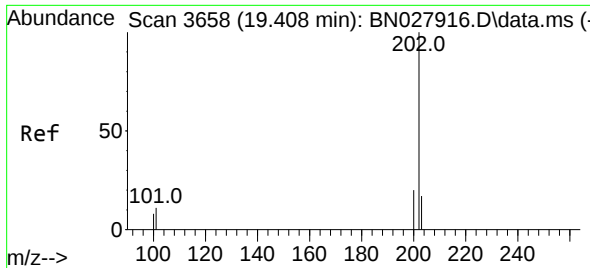
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#16
Anthracene
Concen: 1.071 ng/u1
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

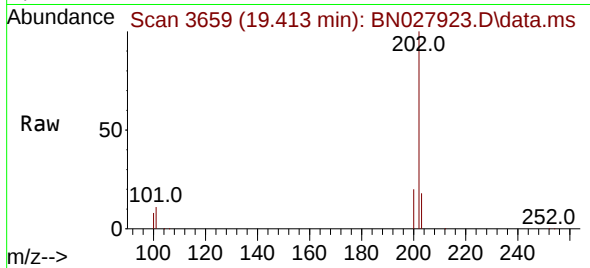
Tgt Ion:178 Resp: 52682
Ion Ratio Lower Upper
178 100
179 18.4 12.6 19.0
176 19.2 15.5 23.3





#19
Fluoranthene
Concen: 10.436 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

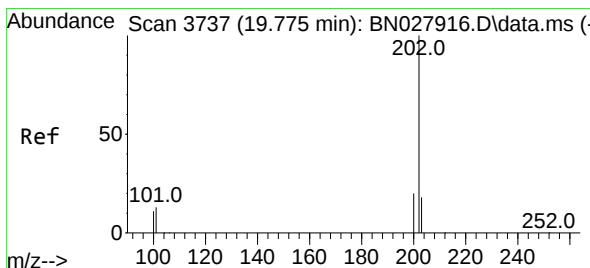
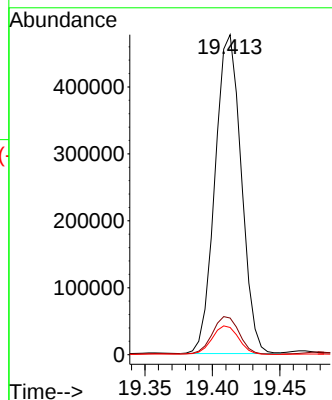
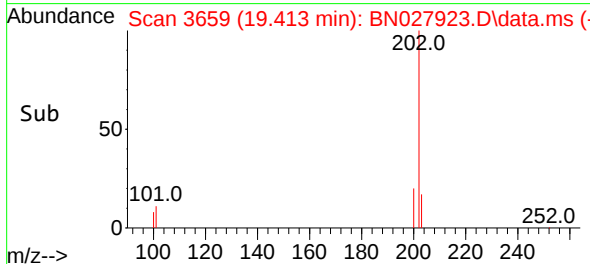
Instrument :
BNA_N
ClientSampleId :
EZYN2



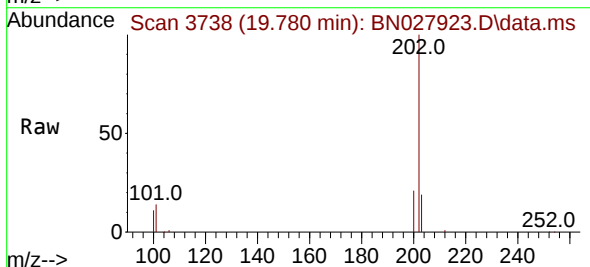
Tgt Ion:202 Resp: 64426
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.5 7.0 10.4

Manual Integrations
APPROVED

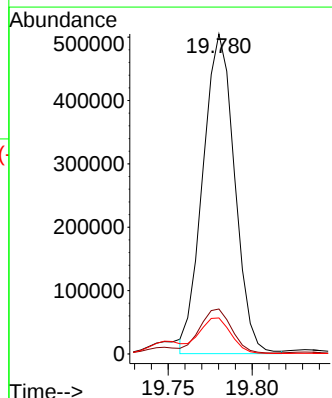
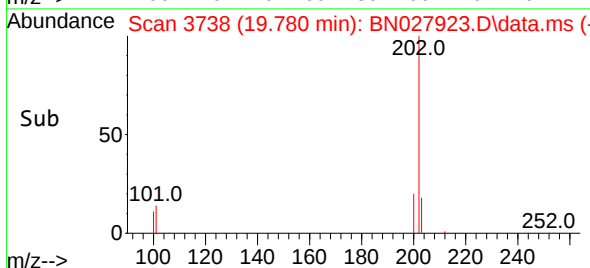
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

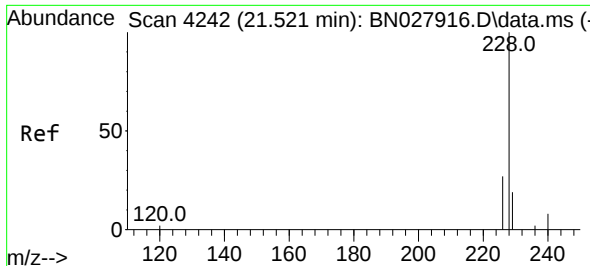


#20
Pyrene
Concen: 10.448 ng/ul m
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27



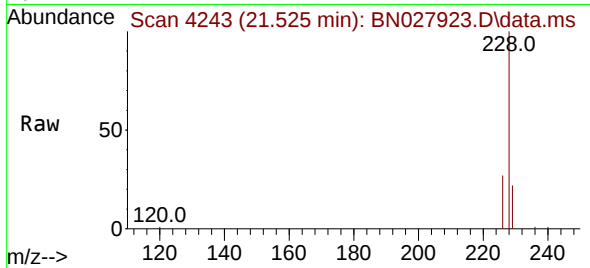
Tgt Ion:202 Resp: 664394
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 9.658 ng/u1
RT: 21.525 min Scan# 4242
Delta R.T. 0.006 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

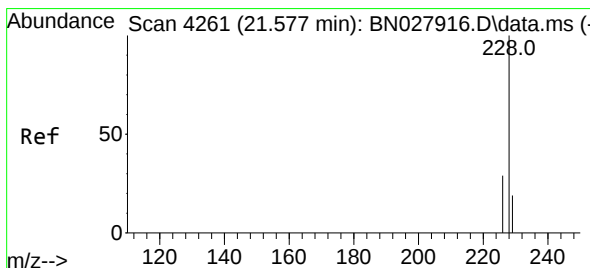
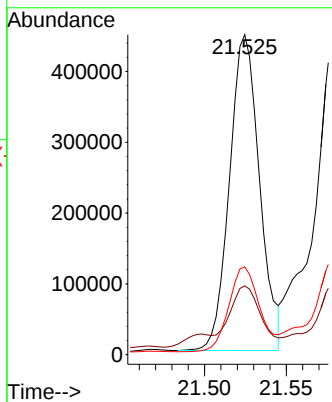
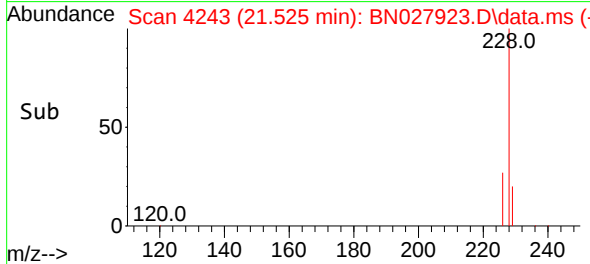
Instrument :
BNA_N
ClientSampleId :
EZY2



Tgt Ion:228 Resp: 57048
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 27.4 22.0 33.0

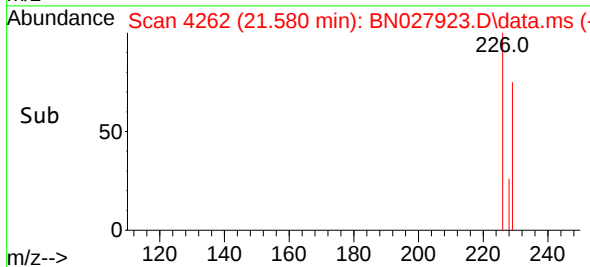
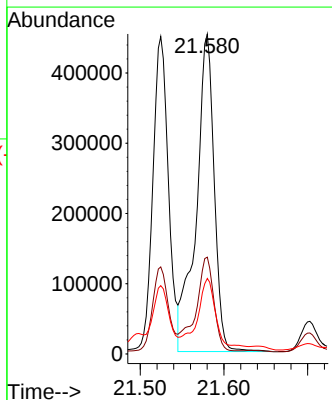
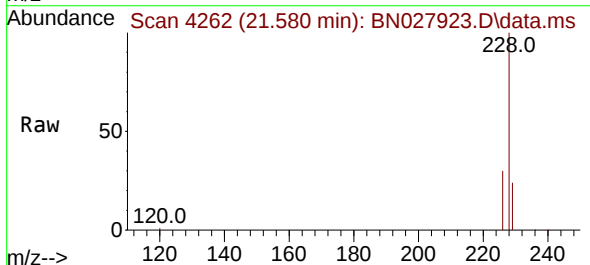
Manual Integrations
APPROVED

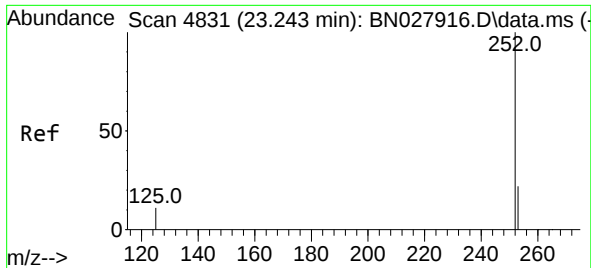
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#22
Chrysene
Concen: 11.082 ng/u1
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

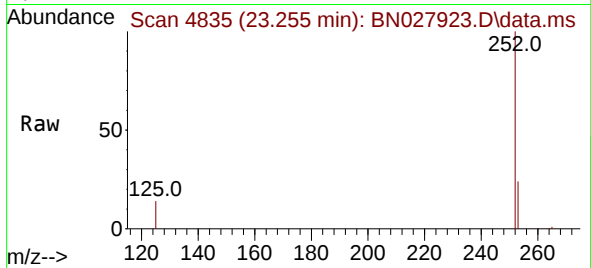
Tgt Ion:228 Resp: 676411
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 23.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 16.040 ng/ul m
RT: 23.255 min Scan# 4835
Delta R.T. 0.015 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

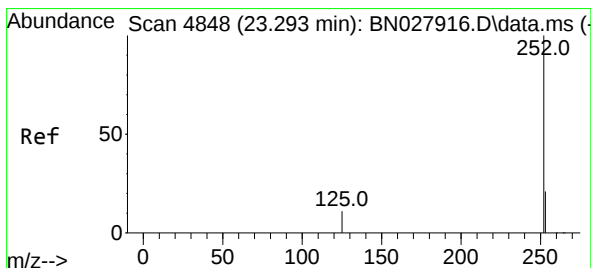
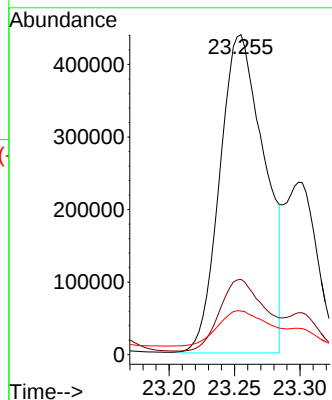
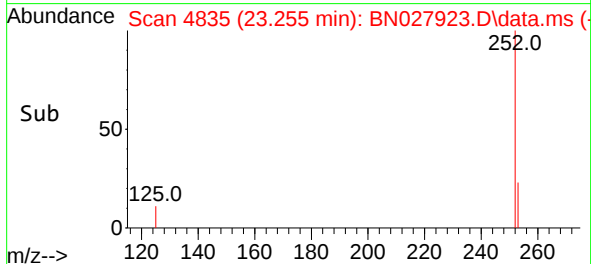
Instrument :
BNA_N
ClientSampleId :
EZY2



Tgt Ion:252 Resp: 104280
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 13.7 0.0 31.4

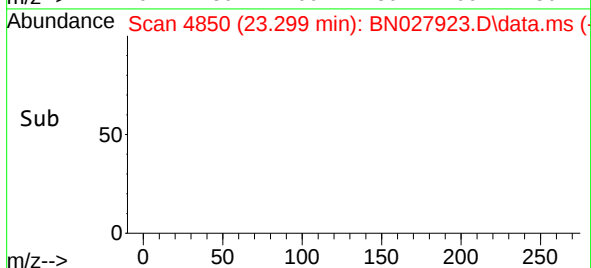
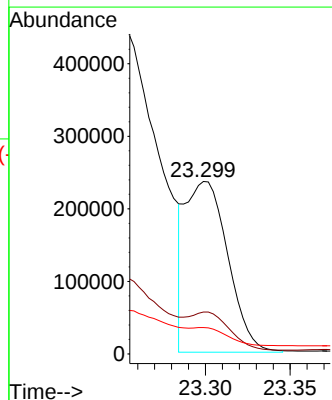
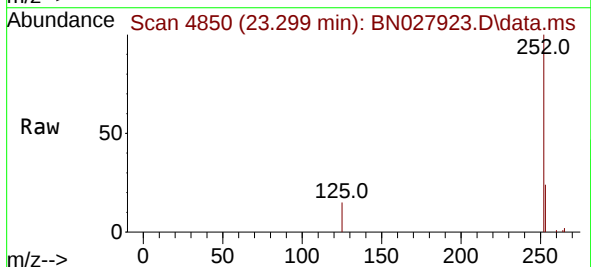
Manual Integrations
APPROVED

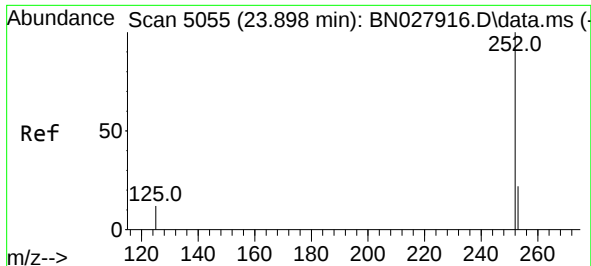
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#25
Benzo(k)fluoranthene
Concen: 6.517 ng/ul m
RT: 23.299 min Scan# 4850
Delta R.T. 0.006 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

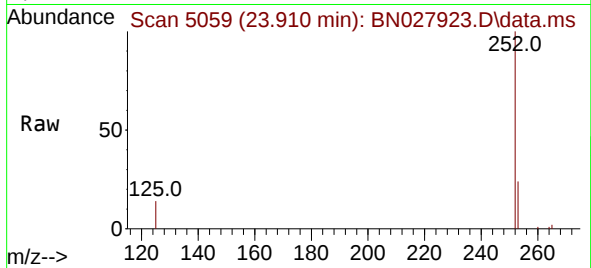
Tgt Ion:252 Resp: 410670
Ion Ratio Lower Upper
252 100
253 24.3 19.9 29.9
125 15.3 12.6 19.0





#26
Benzo(a)pyrene
Concen: 14.856 ng/ul
RT: 23.910 min Scan# 5055
Delta R.T. 0.015 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

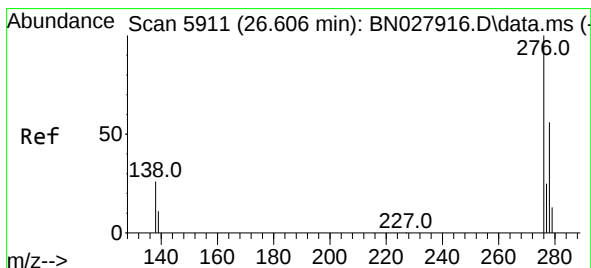
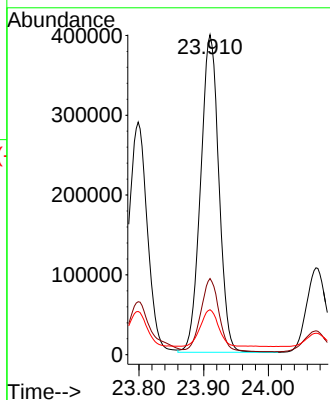
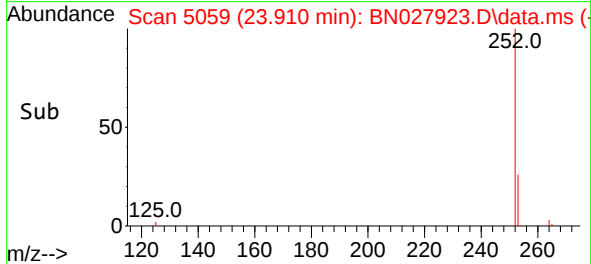
Instrument :
BNA_N
ClientSampleId :
EZY2



Tgt Ion:252 Resp: 776780
Ion Ratio Lower Upper
252 100
253 23.8 21.9 32.9
125 14.1 15.5 23.3

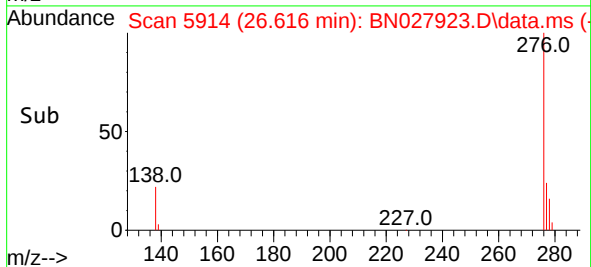
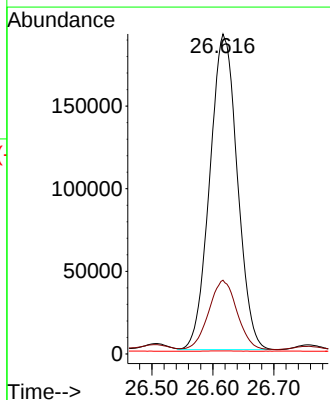
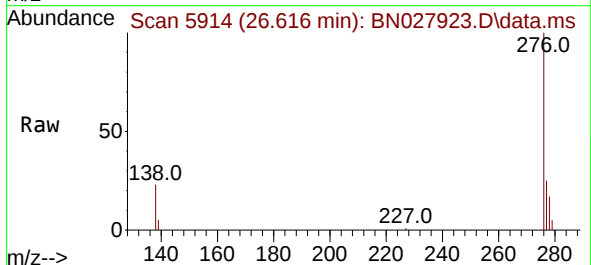
Manual Integrations
APPROVED

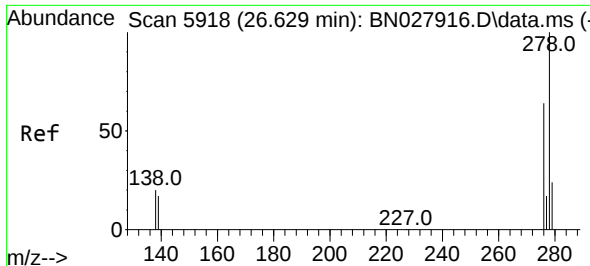
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.954 ng/ul
RT: 26.616 min Scan# 5914
Delta R.T. 0.017 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

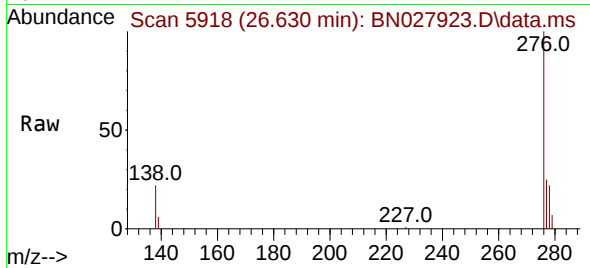
Tgt Ion:276 Resp: 599892
Ion Ratio Lower Upper
276 100
138 22.4 24.3 36.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 2.703 ng/ul
RT: 26.630 min Scan# 5918
Delta R.T. 0.007 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

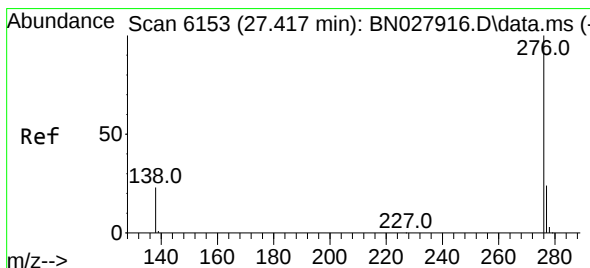
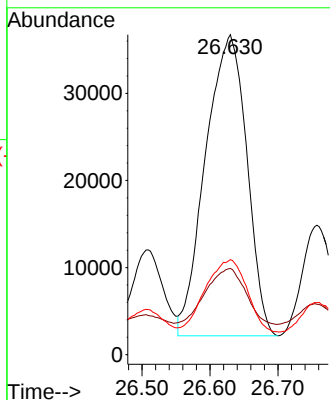
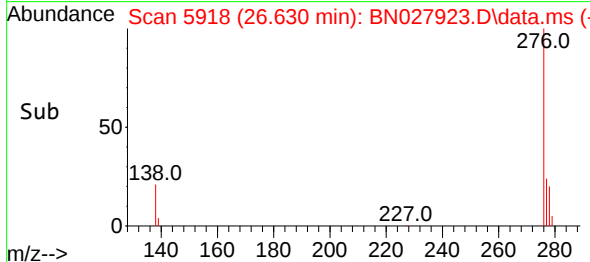
Instrument :
BNA_N
ClientSampleId :
EZYN2



Tgt Ion:278 Resp: 145795
Ion Ratio Lower Upper
278 100
139 26.9 17.2 25.8
279 29.7 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 10.006 ng/ul
RT: 27.442 min Scan# 6160
Delta R.T. 0.031 min
Lab File: BN027923.D
Acq: 28 Sep 2023 13:27

Tgt Ion:276 Resp: 569335
Ion Ratio Lower Upper
276 100
138 23.8 21.7 32.5
277 25.2 20.2 30.2

