

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027903.D
 Acq On : 27 Sep 2023 17:21
 Operator : MA/JU
 Sample : 04472-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM3

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 00:01:33 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	3734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14144	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	19897	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	19078	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	19935	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	11742	2.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5122	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	13019	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	2566	0.063	ng/ul#	90
7) 2-Methylnaphthalene	12.434	142	1701	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	1666	0.063	ng/ul	100
11) Acenaphthene	14.666	153	1020	0.030	ng/ul	98
12) Fluorene	15.651	166	814	0.020	ng/ul#	89
15) Phenanthrene	17.396	178	7529	0.120	ng/ul#	96
19) Fluoranthene	19.413	202	8974	0.116	ng/ul#	94
20) Pyrene	19.780	202	8835m	0.111	ng/ul	
21) Benzo(a)anthracene	21.524	228	3982	0.054	ng/ul#	72
22) Chrysene	21.580	228	6938m	0.091	ng/ul	
24) Benzo(b)fluoranthene	23.249	252	6186m	0.070	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	2117m	0.025	ng/ul	
26) Benzo(a)pyrene	23.904	252	3677	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.606	276	2995	0.033	ng/ul#	99
29) Benzo(g,h,i)perylene	27.428	276	6138	0.079	ng/ul#	67

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

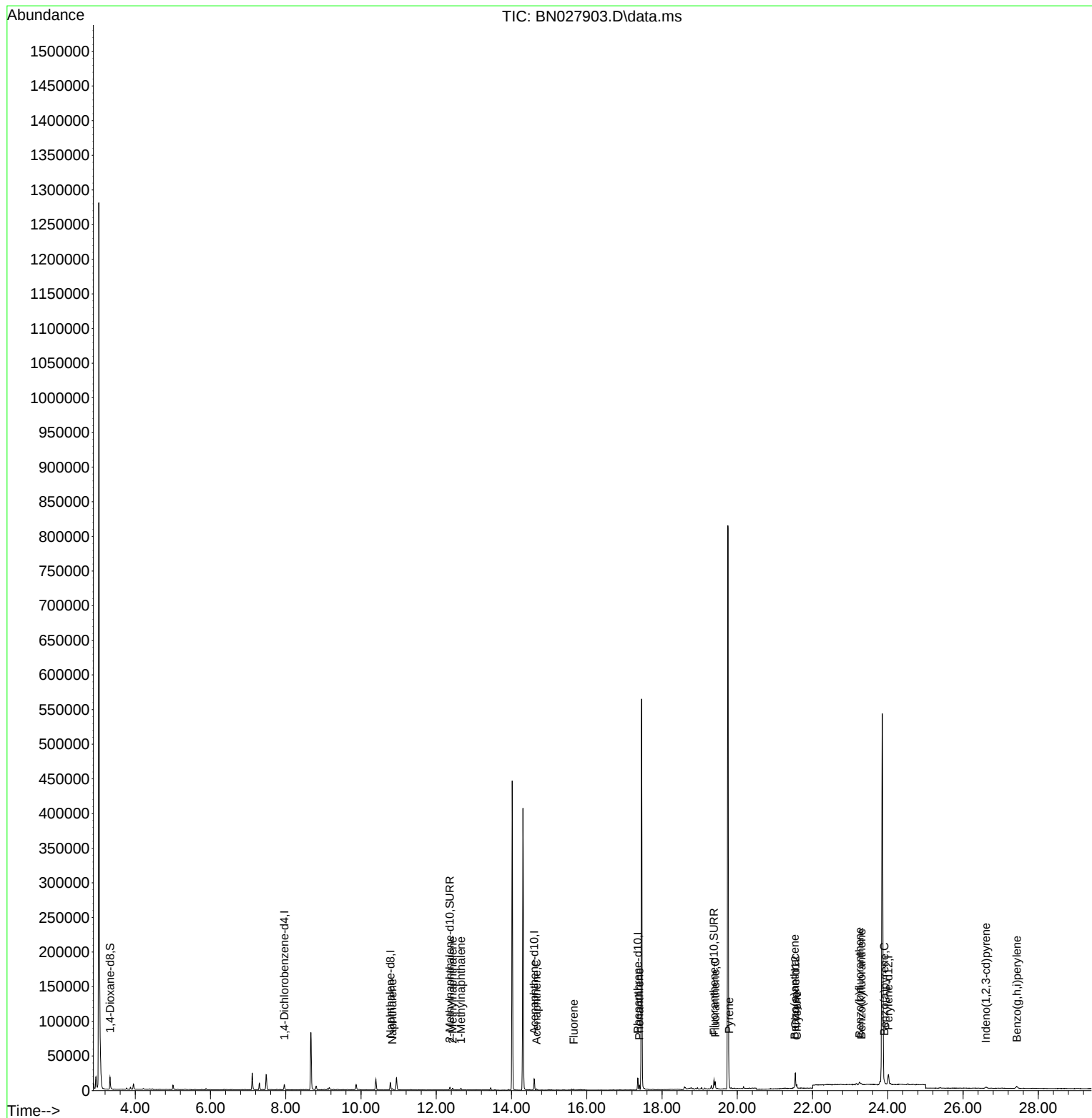
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027903.D
Acq On : 27 Sep 2023 17:21
Operator : MA/JU
Sample : 04472-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

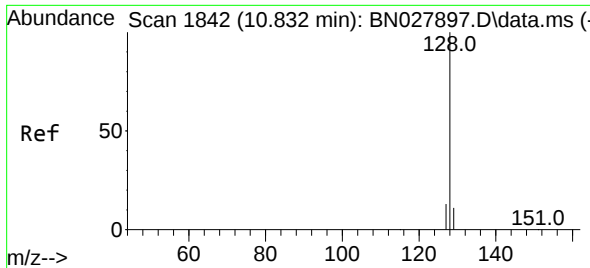
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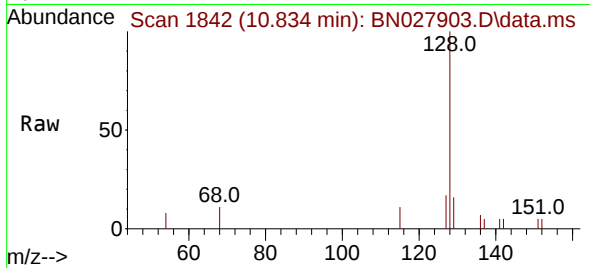
Quant Time: Sep 28 00:01:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

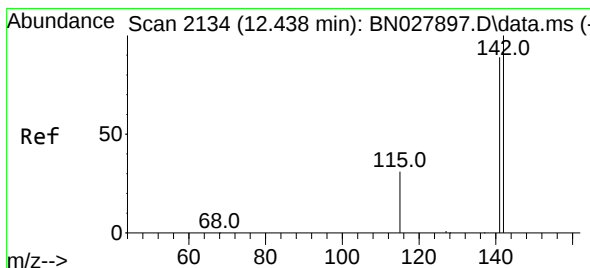
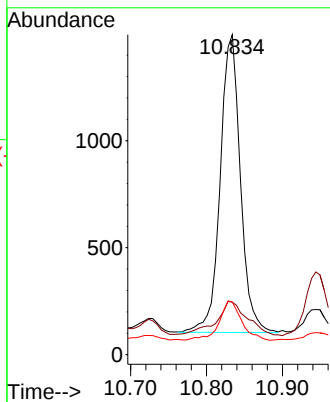
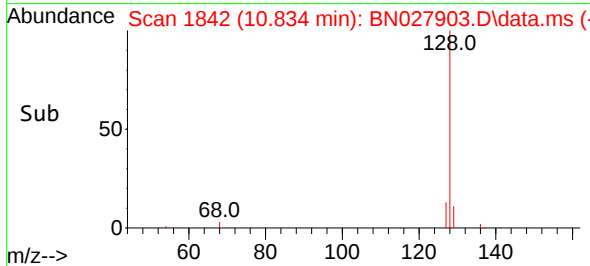
Instrument :
BNA_N
ClientSampleId :
EZY3



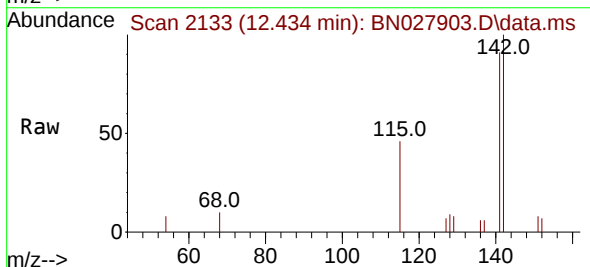
Tgt Ion:128 Resp: 2560
Ion Ratio Lower Upper
128 100
129 16.4 9.3 13.9
127 16.5 10.7 16.1

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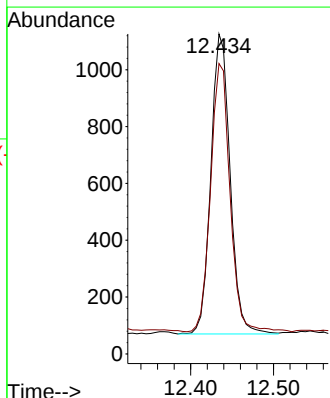
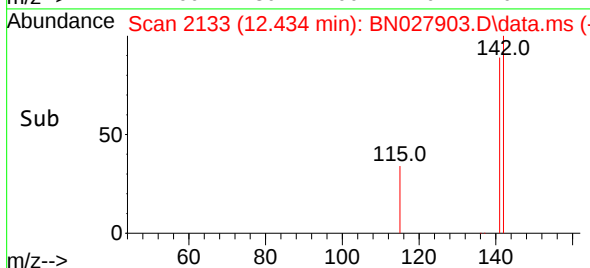
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

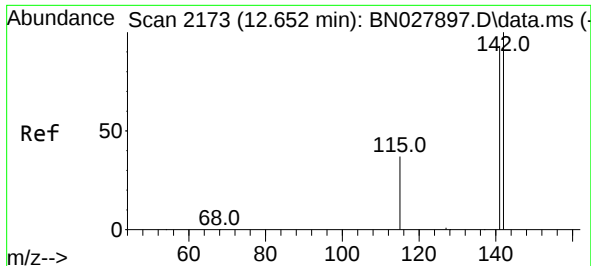


#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21



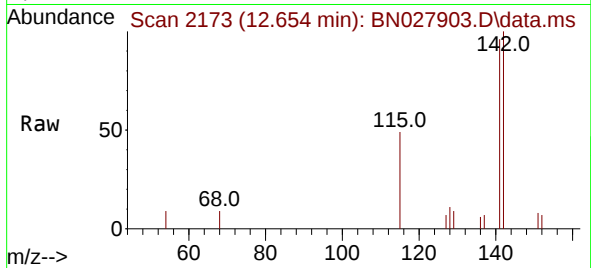
Tgt Ion:142 Resp: 1701
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.063 ng/u1
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

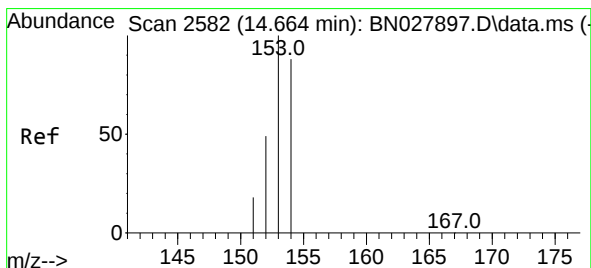
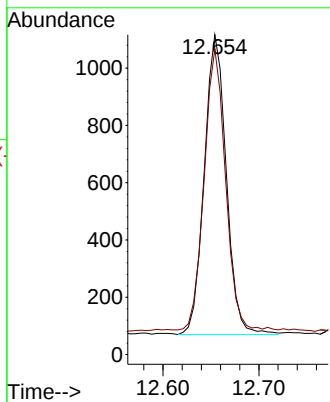
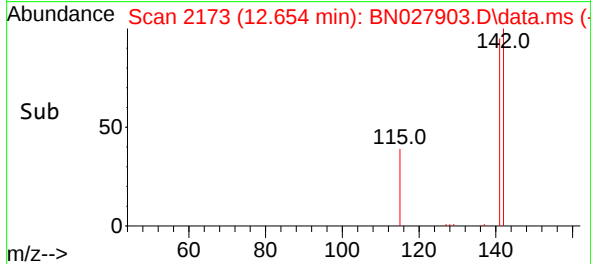
Instrument :
BNA_N
ClientSampleId :
EZY3



Tgt Ion:142 Resp: 1660
Ion Ratio Lower Upper
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141 90.6 72.8 109.2

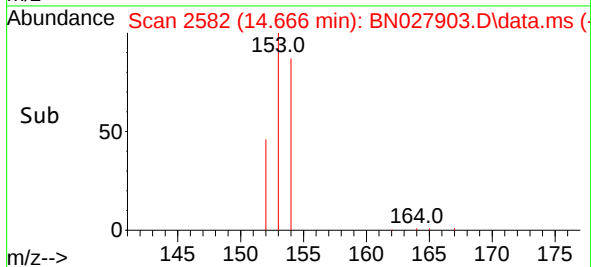
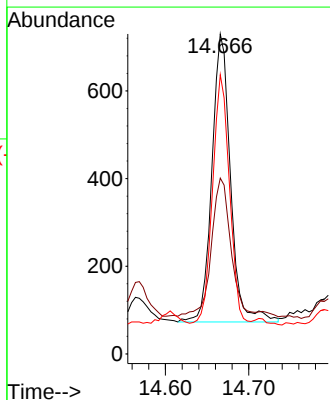
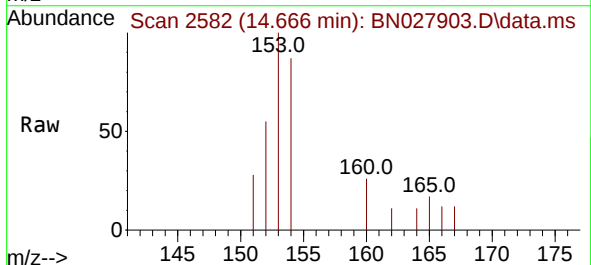
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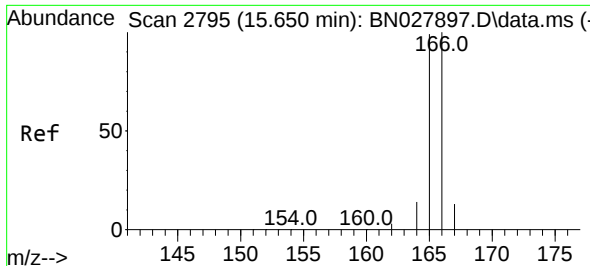
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.666 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

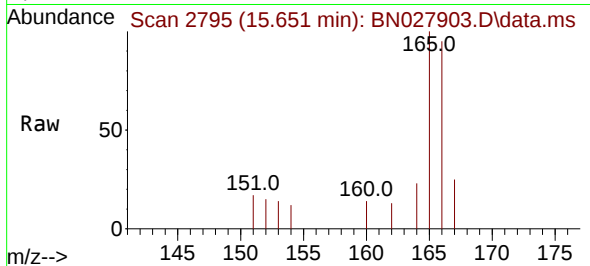
Tgt Ion:153 Resp: 1020
Ion Ratio Lower Upper
153 100
152 54.9 41.7 62.5
154 87.3 70.3 105.5





#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

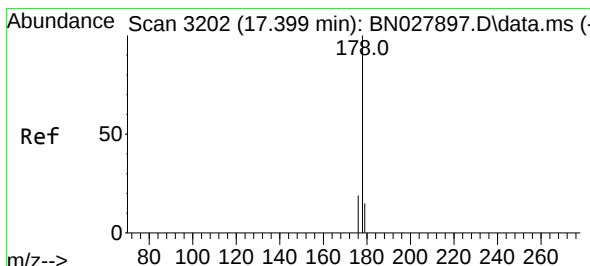
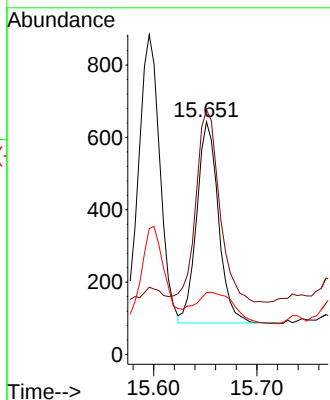
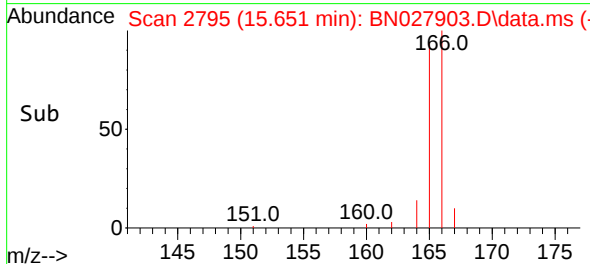
Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion:166 Resp: 814
Ion Ratio Lower Upper
166 100
165 105.1 78.0 117.0
167 26.6 11.4 17.2

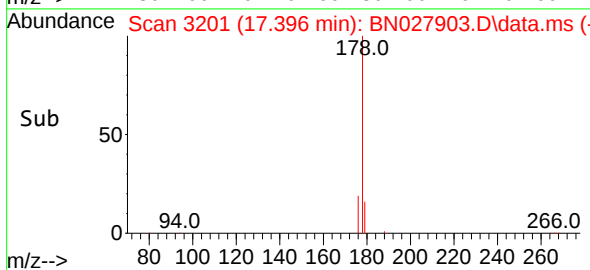
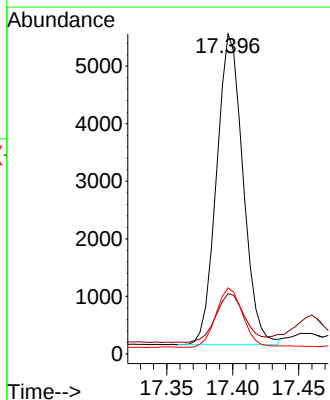
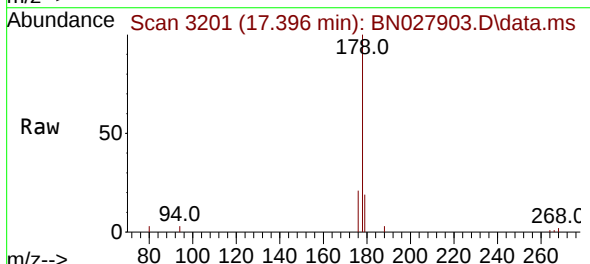
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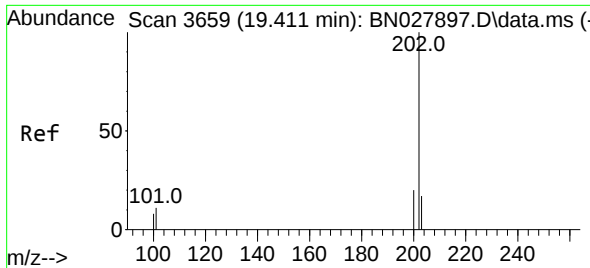
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#15
Phenanthrene
Concen: 0.120 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

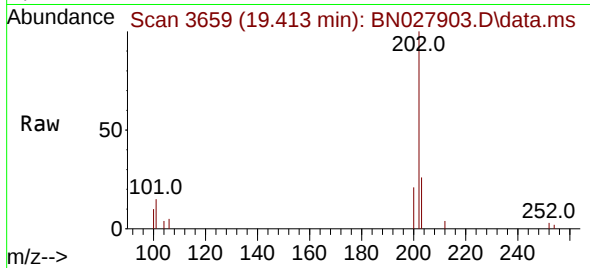
Tgt Ion:178 Resp: 7529
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6#
176 20.7 16.0 24.0





#19
Fluoranthene
Concen: 0.116 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

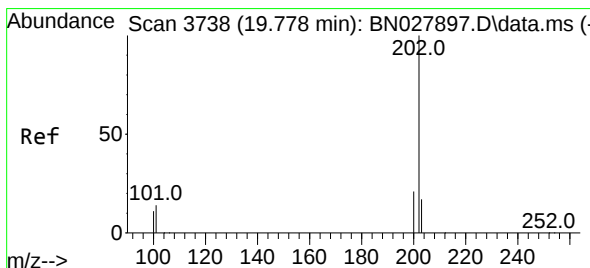
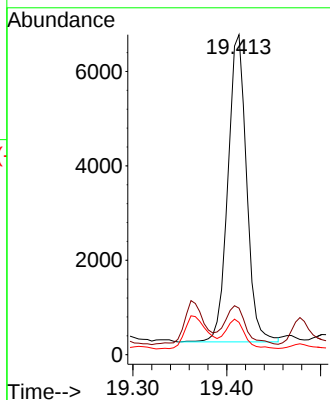
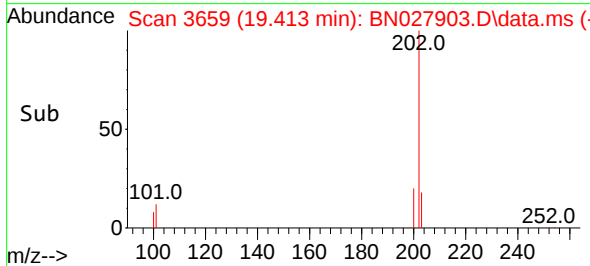
Instrument :
BNA_N
ClientSampleId :
EZY3



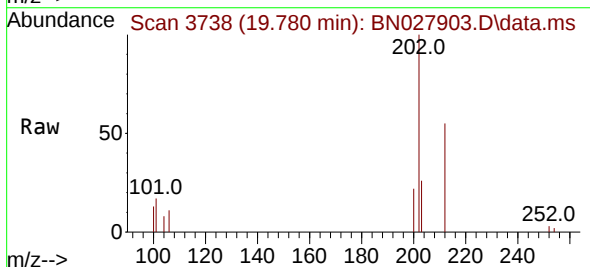
Tgt Ion:202 Resp: 8974
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9
100 10.1 7.0 10.4

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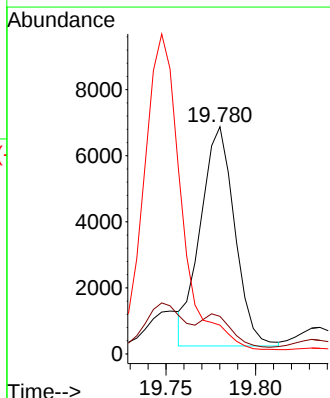
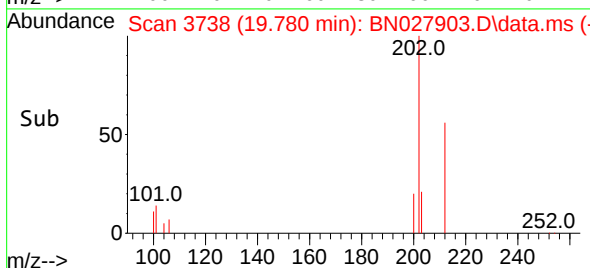
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

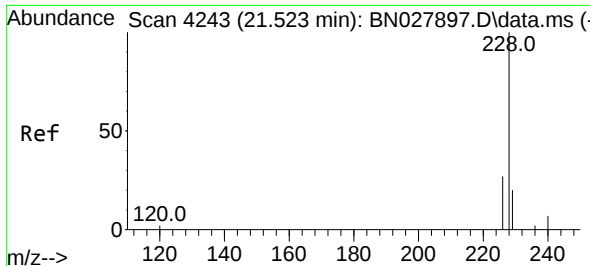


#20
Pyrene
Concen: 0.111 ng/ul m
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21



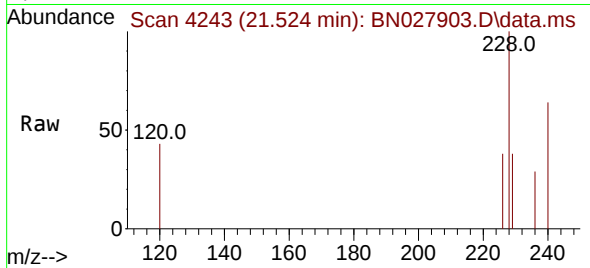
Tgt Ion:202 Resp: 8835
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.0
100 12.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.524 min Scan# 4243
Delta R.T. 0.006 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

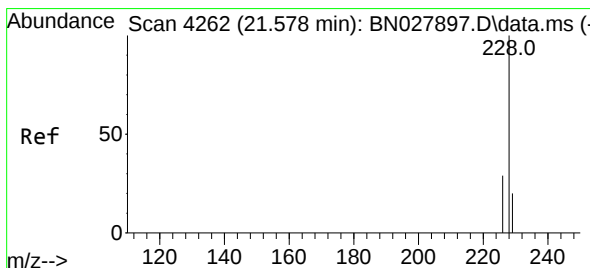
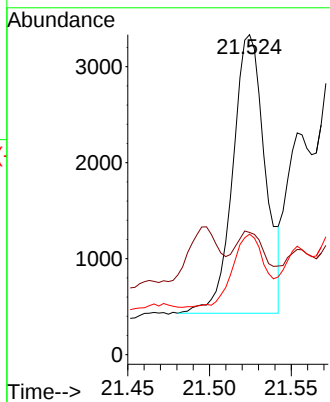
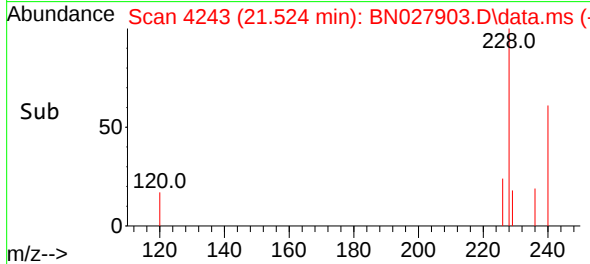
Instrument :
BNA_N
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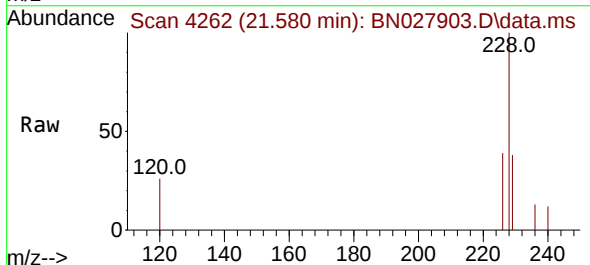
Tgt Ion:228 Resp: 3982
Ion Ratio Lower Upper
228 100
229 38.2 15.8 23.8#
226 37.7 22.0 33.0#

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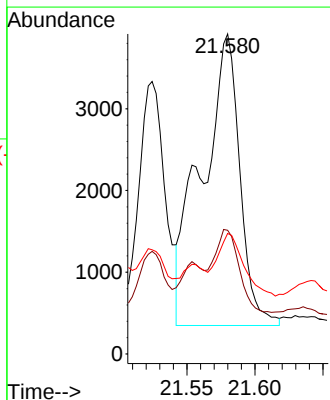
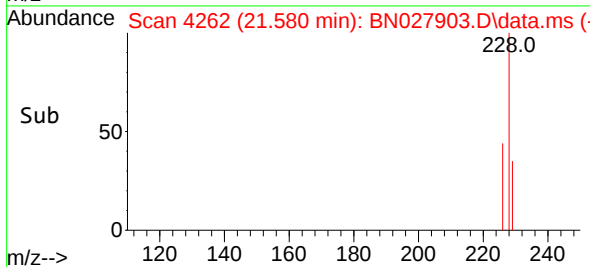
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

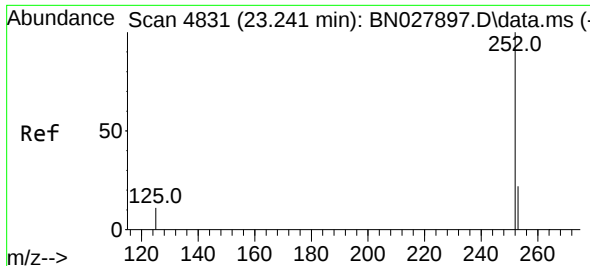


#22
Chrysene
Concen: 0.091 ng/ul m
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21



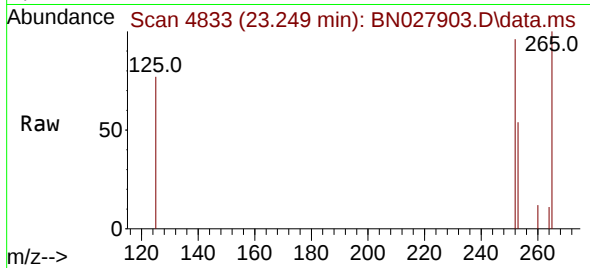
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Ion Ratio Lower Upper
228 100
226 38.6 24.5 36.7#
229 37.7 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.249 min Scan# 4833
Delta R.T. 0.009 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

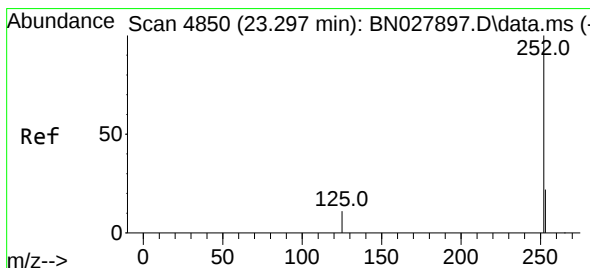
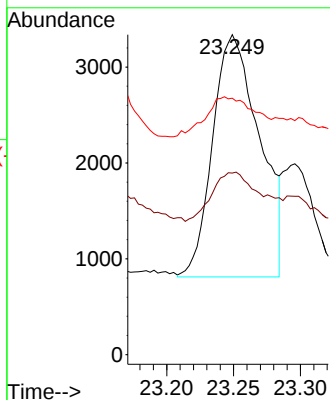
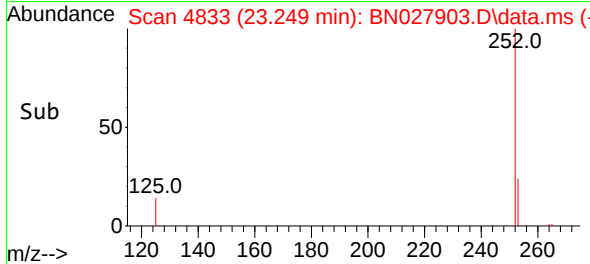
Instrument :
BNA_N
ClientSampleId :
EZY3



Tgt Ion:252 Resp: 6180
Ion Ratio Lower Upper
252 100
253 56.7 0.0 50.2
125 80.1 0.0 31.4

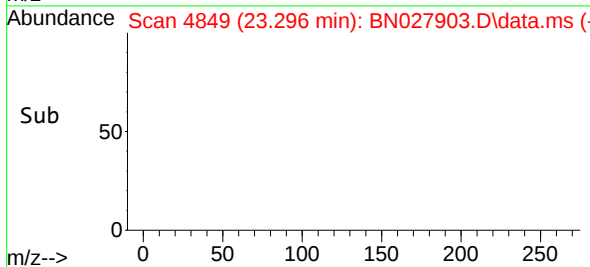
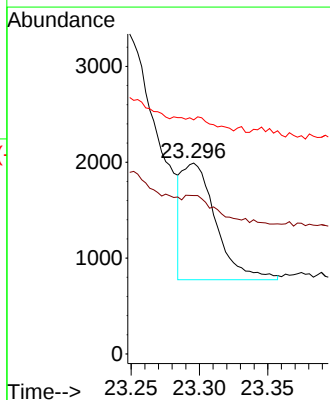
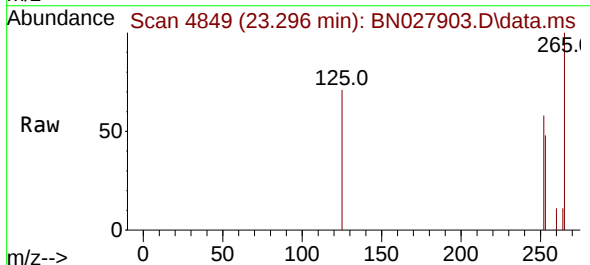
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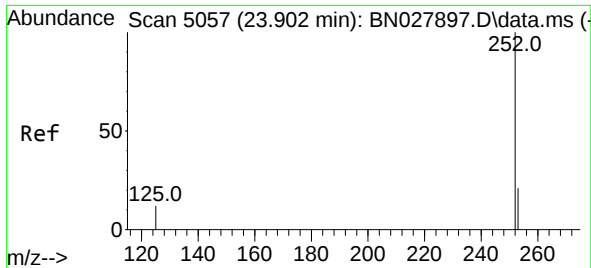
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

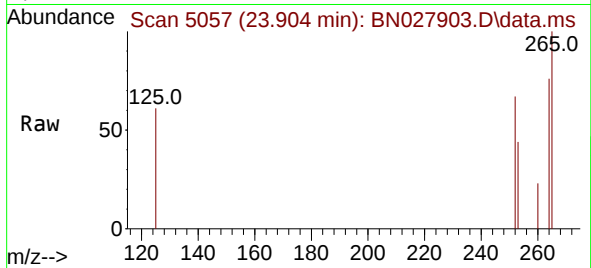
Tgt Ion:252 Resp: 2117
Ion Ratio Lower Upper
252 100
253 83.0 19.9 29.9#
125 122.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.904 min Scan# 5057
Delta R.T. 0.009 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

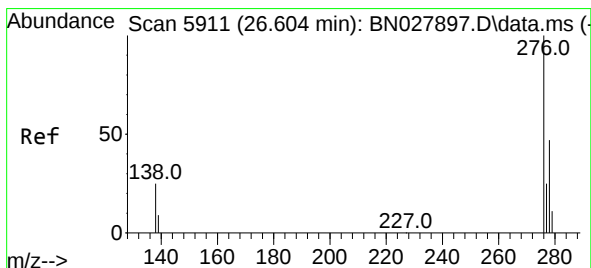
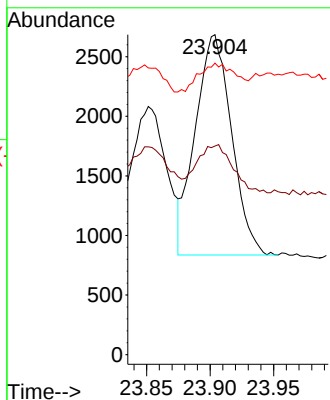
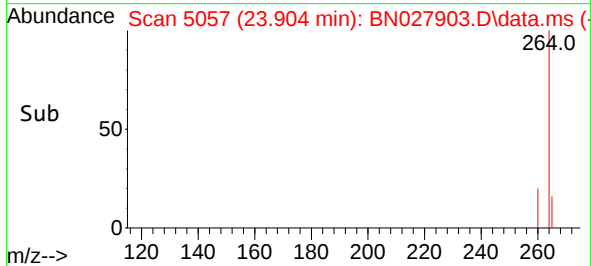
Instrument :
BNA_N
ClientSampleId :
EZY3



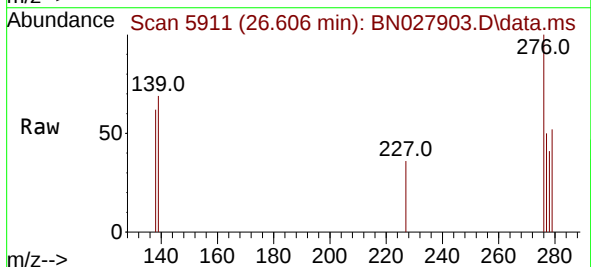
Tgt Ion:252 Resp: 367
Ion Ratio Lower Upper
252 100
253 65.2 21.9 32.9
125 91.1 15.5 23.3

Manual Integrations
APPROVED

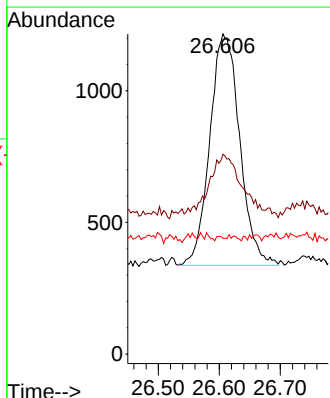
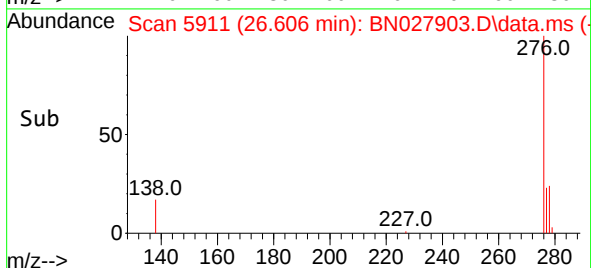
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

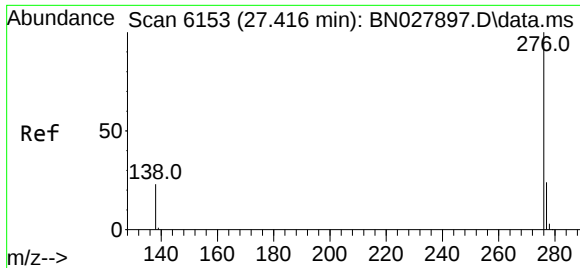


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.007 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21



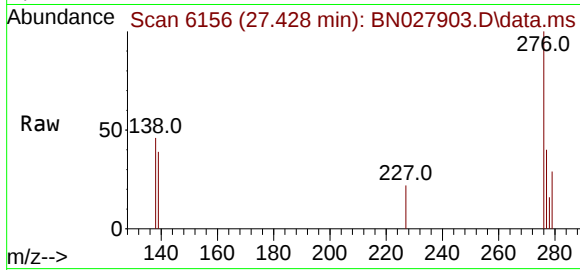
Tgt Ion:276 Resp: 2995
Ion Ratio Lower Upper
276 100
138 31.0 24.3 36.5
227 0.5 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 27.428 min Scan# 6156
Delta R.T. 0.017 min
Lab File: BN027903.D
Acq: 27 Sep 2023 17:21

Instrument :
BNA_N
ClientSampleId :
EZYM3



Tgt Ion: 276 Resp: 6138

Ion	Ratio	Lower	Upper
276	100		
138	46.3	21.7	32.5
277	40.0	20.2	30.2

Manual Integrations
APPROVED

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

