

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027816.D
 Acq On : 22 Sep 2023 09:21
 Operator : MA/JU
 Sample : 04332-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 11:16:49 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	8.000	152	5882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19976	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	28099	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	21437	0.400	ng/ul	0.00
23) Perylene-d12	24.065	264	18833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	31108	4.199	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8373	0.277	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	20523	0.313	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.872	128	6451	0.113	ng/ul	96
7) 2-Methylnaphthalene	12.473	142	6267	0.173	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	5395	0.144	ng/ul	99
10) Acenaphthylene	14.370	152	4456	0.084	ng/ul#	89
11) Acenaphthene	14.703	153	1575	0.034	ng/ul#	45
12) Fluorene	15.688	166	2151	0.040	ng/ul#	93
15) Phenanthrene	17.430	178	46424	0.526	ng/ul	99
16) Anthracene	17.523	178	5269	0.071	ng/ul#	90
19) Fluoranthene	19.441	202	108874	1.256	ng/ul	98
20) Pyrene	19.808	202	89184m	0.999	ng/ul	
21) Benzo(a)anthracene	21.554	228	37385	0.451	ng/ul	97
22) Chrysene	21.609	228	50869	0.593	ng/ul	97
24) Benzo(b)fluoranthene	23.290	252	68166m	0.812	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	25949m	0.319	ng/ul	
26) Benzo(a)pyrene	23.954	252	35347	0.524	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.690	276	31545	0.365	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.703	278	7798	0.112	ng/ul#	1
29) Benzo(g,h,i)perylene	27.515	276	34955	0.476	ng/ul#	76

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

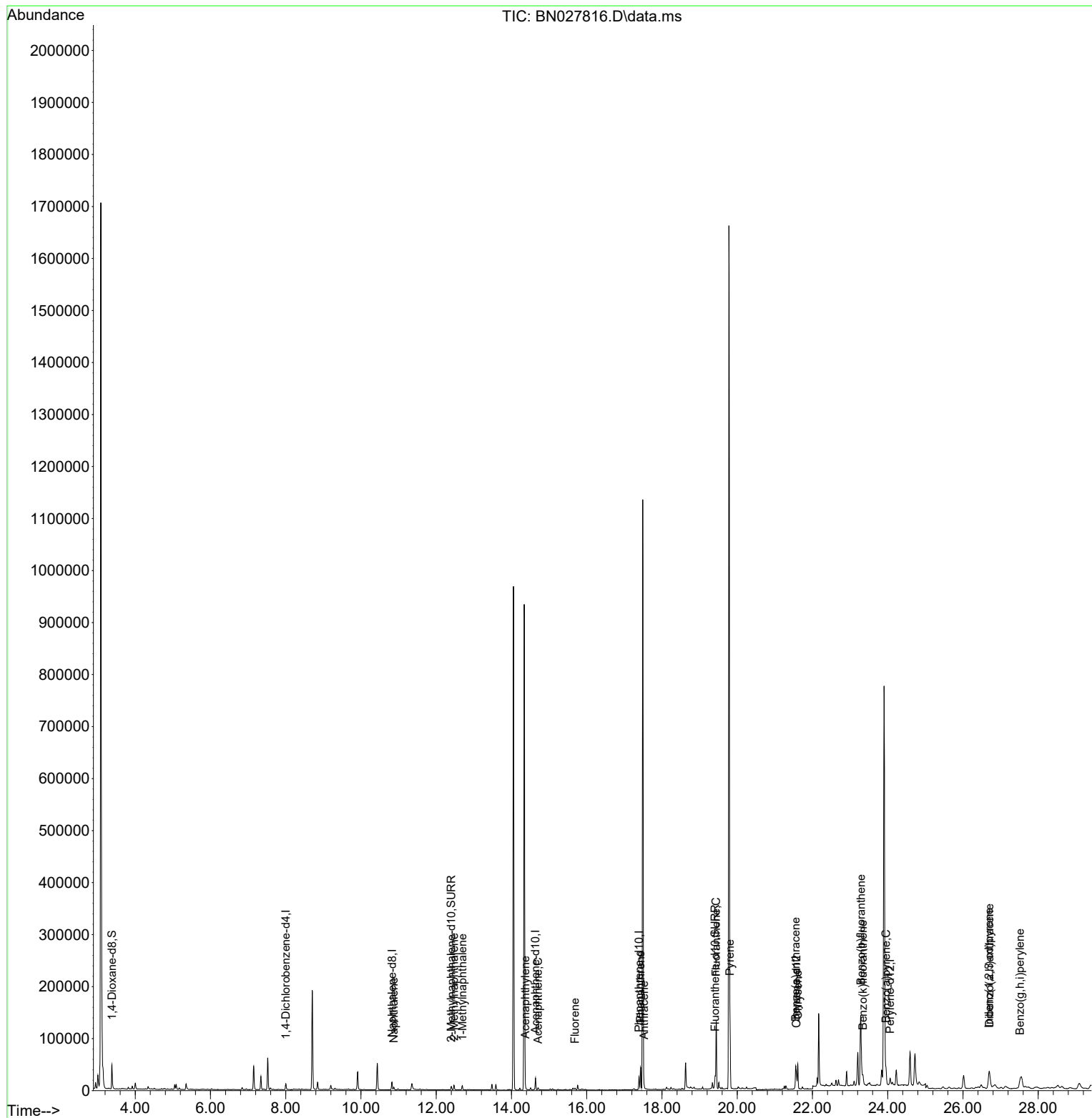
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027816.D
Acq On : 22 Sep 2023 09:21
Operator : MA/JU
Sample : 04332-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

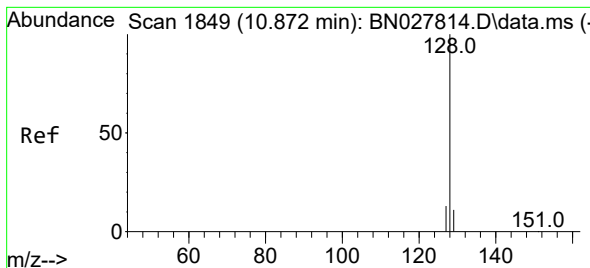
Instrument :
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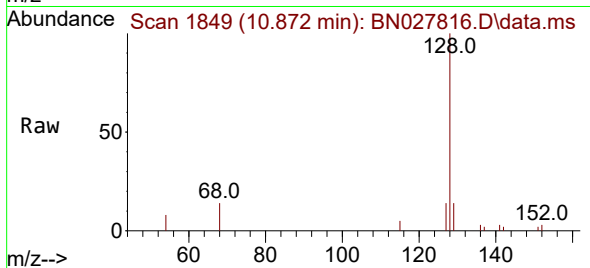
Quant Time: Sep 22 11:16:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

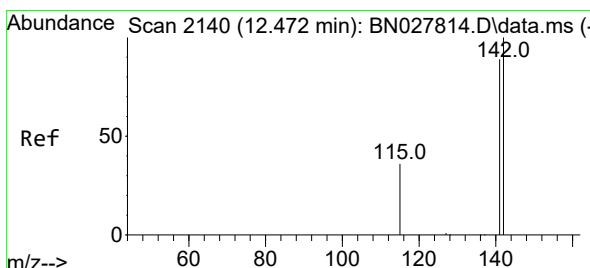
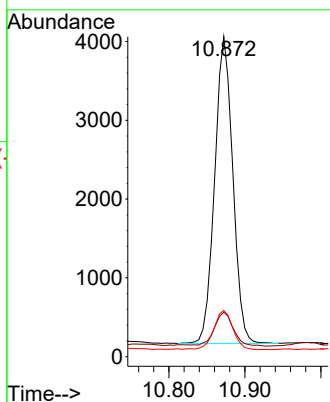
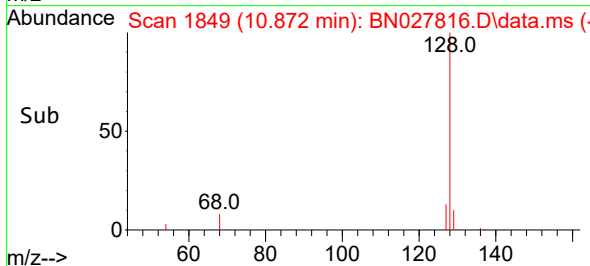
Instrument :
BNA_N
ClientSampleId :
C0AD1



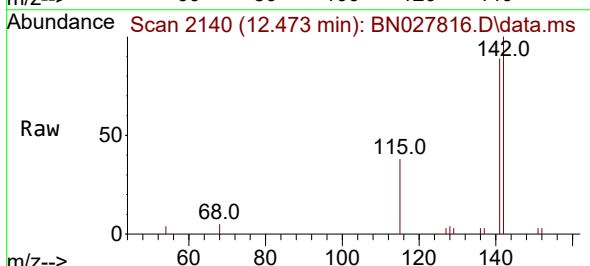
Tgt Ion:128 Resp: 645
Ion Ratio Lower Upper
128 100
129 13.9 9.3 13.9
127 14.4 10.7 16.1

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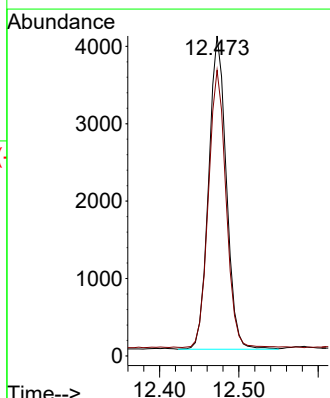
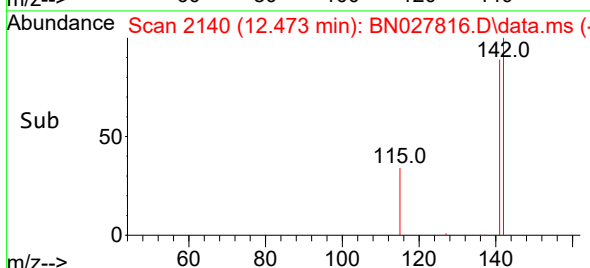
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

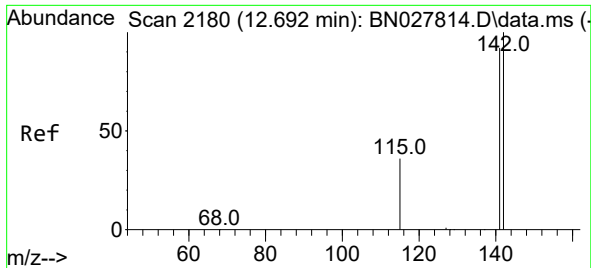


#7
2-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21



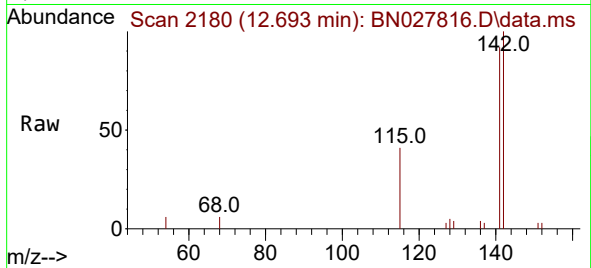
Tgt Ion:142 Resp: 6267
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

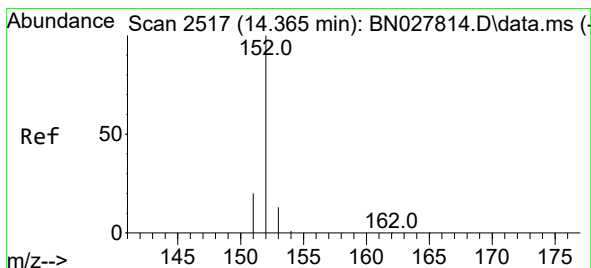
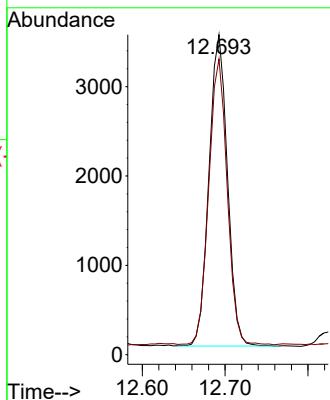
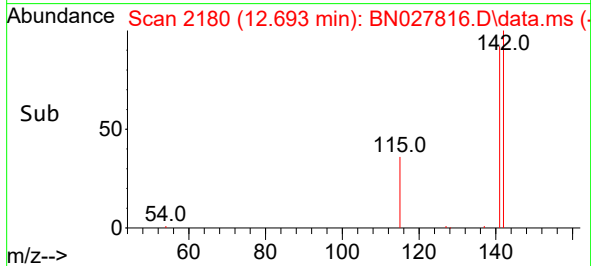
Instrument :
BNA_N
ClientSampleId :
C0AD1



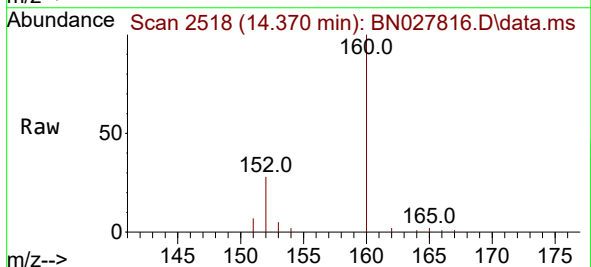
Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2

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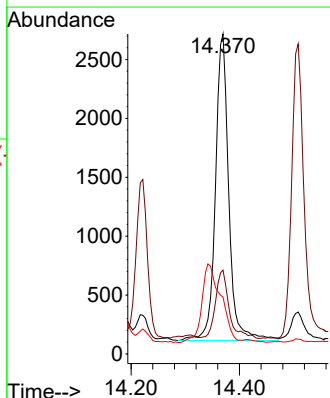
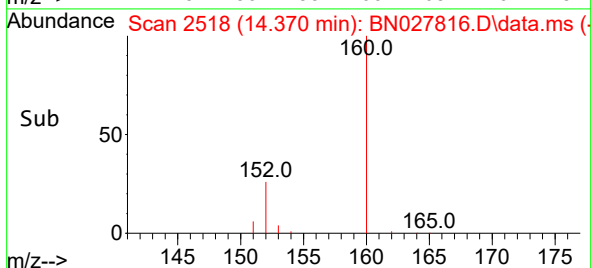
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

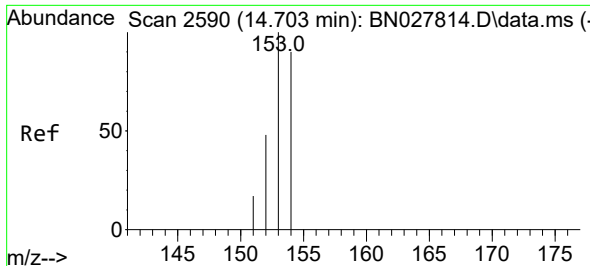


#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21



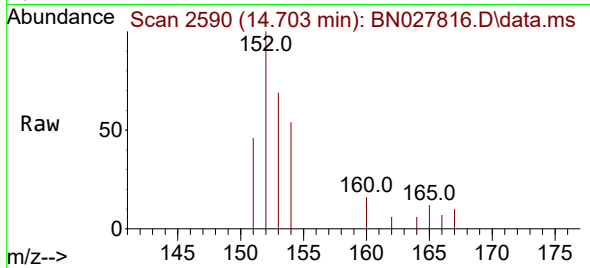
Tgt Ion:152 Resp: 4456
Ion Ratio Lower Upper
152 100
151 26.2 16.6 25.0#
153 17.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

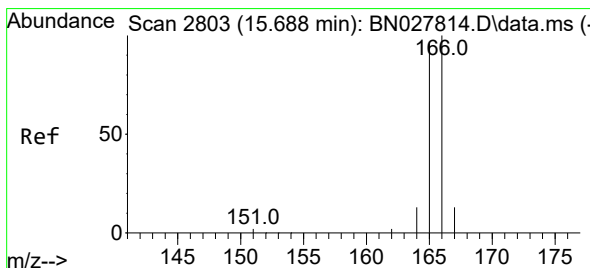
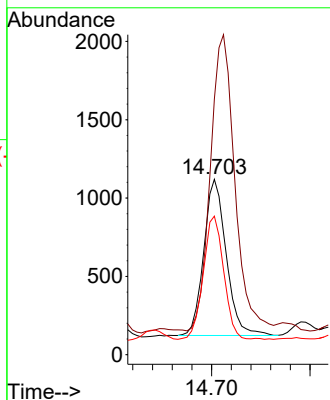
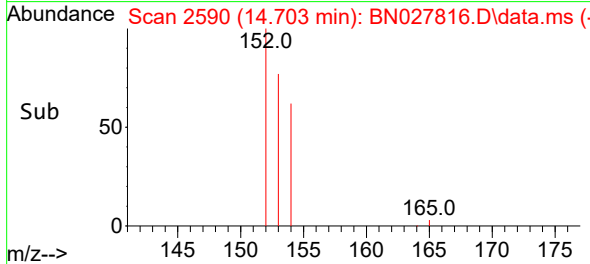
Instrument :
BNA_N
ClientSampleId :
C0AD1



Tgt Ion:153 Resp: 1579
Ion Ratio Lower Upper
153 100
152 145.6 41.7 62.5
154 79.0 70.3 105.5

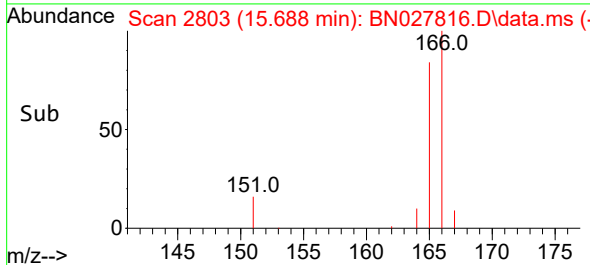
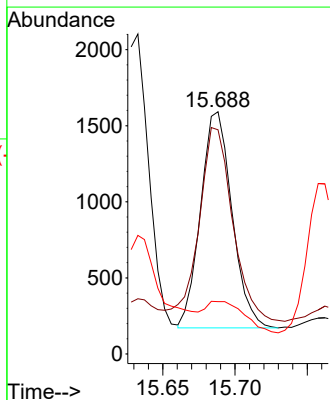
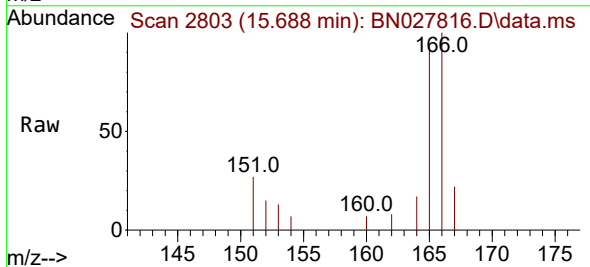
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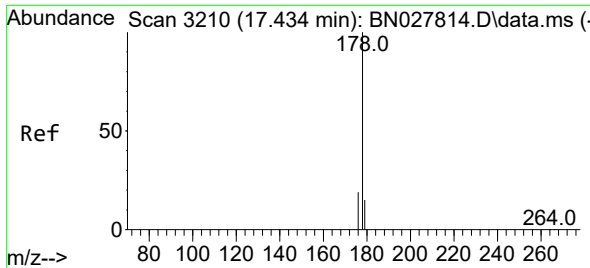
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

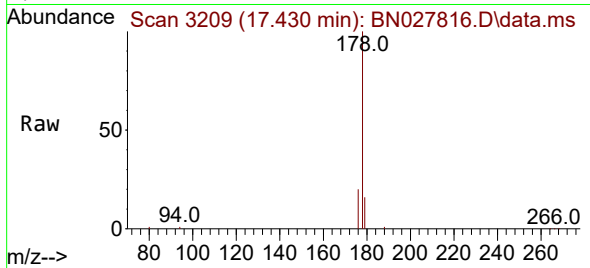
Tgt Ion:166 Resp: 2151
Ion Ratio Lower Upper
166 100
165 92.5 78.0 117.0
167 21.6 11.4 17.2#





#15
Phenanthrene
Concen: 0.526 ng/ul
RT: 17.430 min Scan# 3210
Delta R.T. -0.004 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

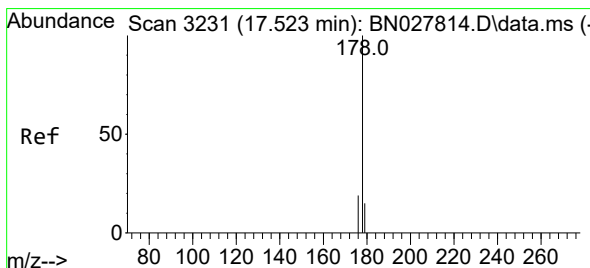
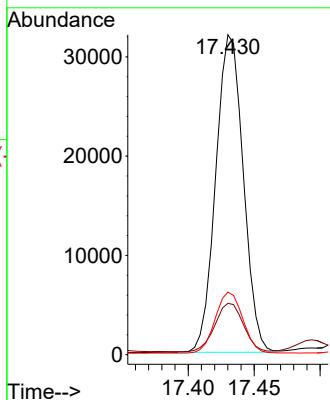
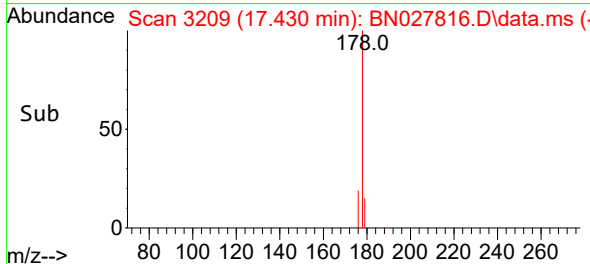
Instrument :
BNA_N
ClientSampleId :
C0AD1



Tgt Ion:178 Resp: 46424
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.6 16.0 24.0

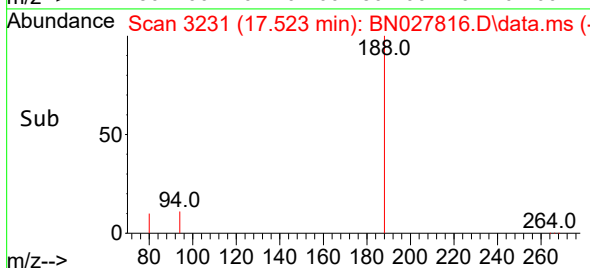
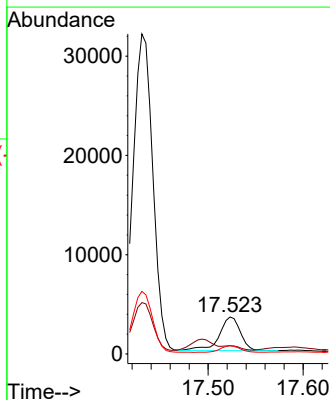
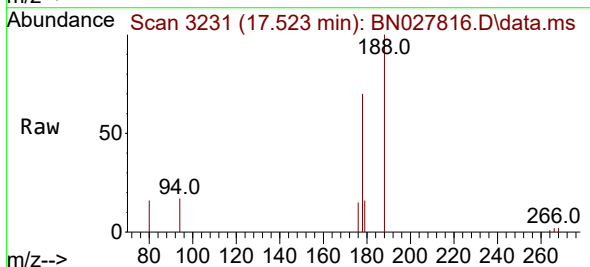
Manual Integrations
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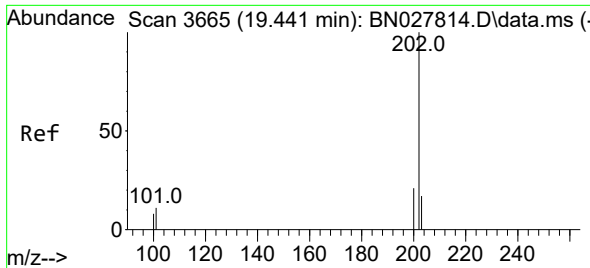
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

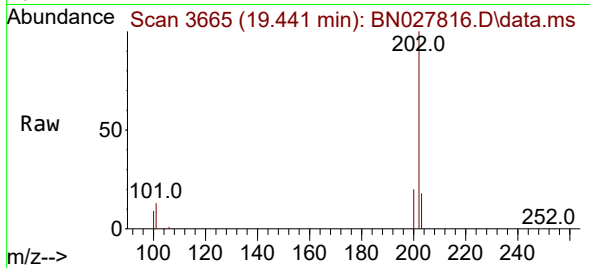
Tgt Ion:178 Resp: 5269
Ion Ratio Lower Upper
178 100
179 22.6 12.6 19.0#
176 21.9 15.5 23.3





#19
Fluoranthene
Concen: 1.256 ng/ul
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

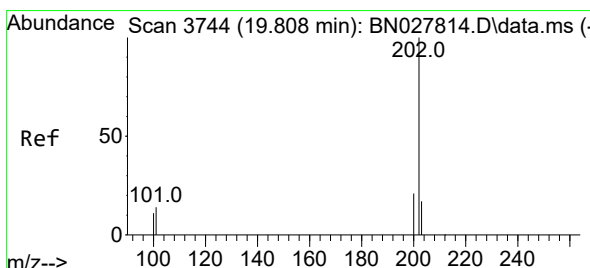
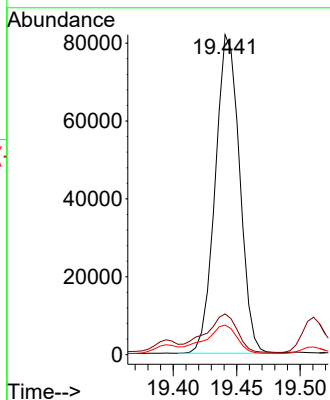
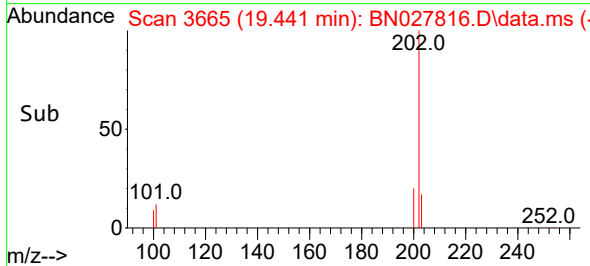
Instrument :
BNA_N
ClientSampleId :
C0AD1



Tgt Ion:202 Resp: 108874
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 9.2 7.0 10.4

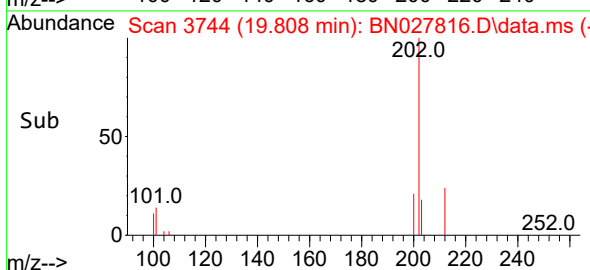
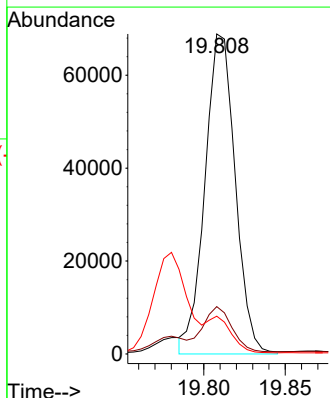
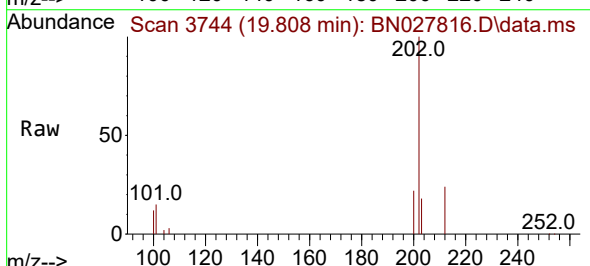
Manual Integrations
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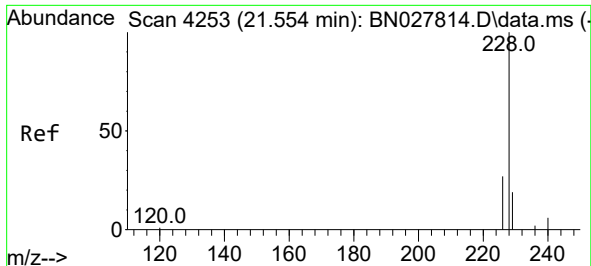
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.999 ng/ul m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

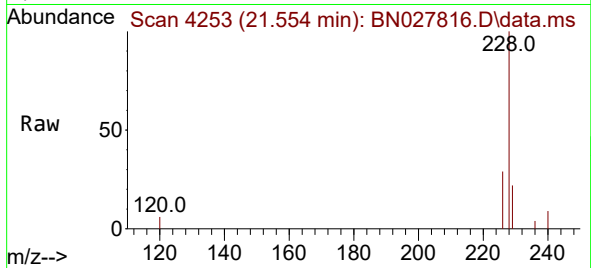
Tgt Ion:202 Resp: 89184
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 11.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

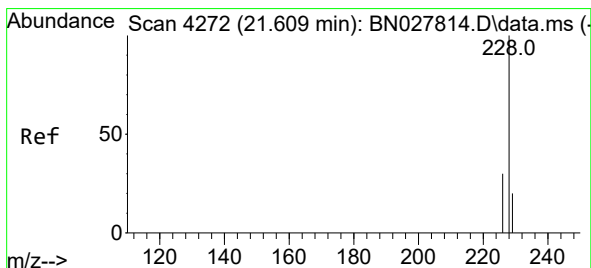
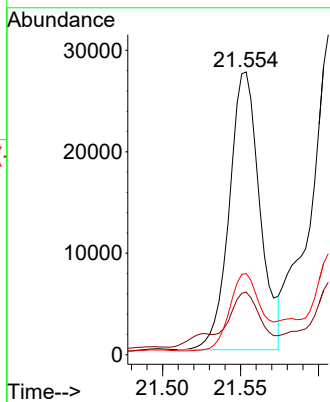
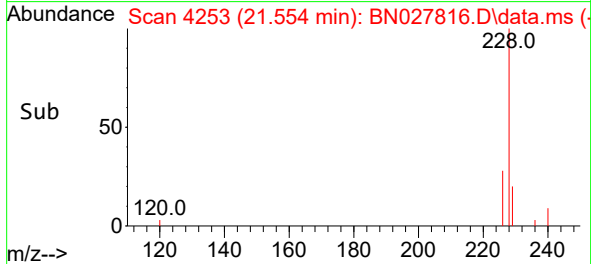
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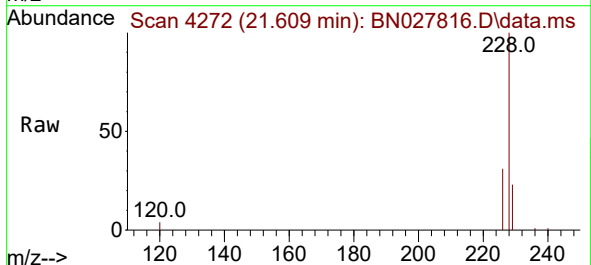
Tgt Ion:228 Resp: 37385
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.8
226 28.7 22.0 33.0

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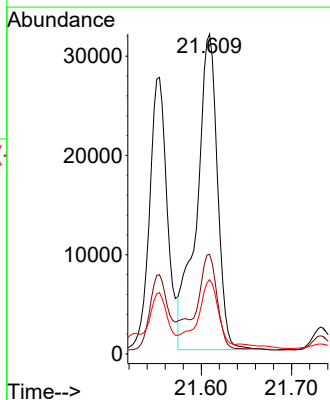
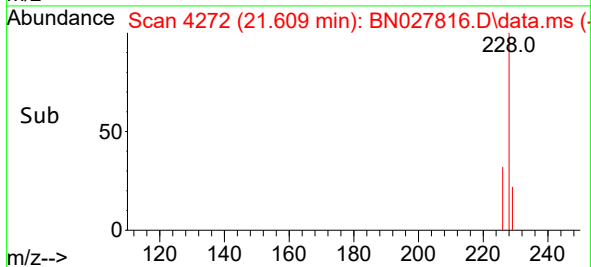
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

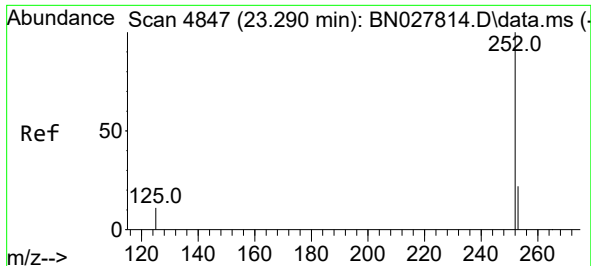


#22
Chrysene
Concen: 0.593 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21



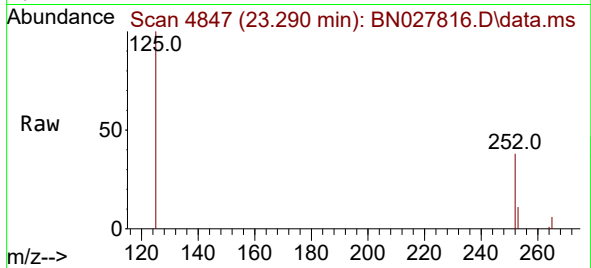
Tgt Ion:228 Resp: 50869
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 23.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.812 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. 0.000 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

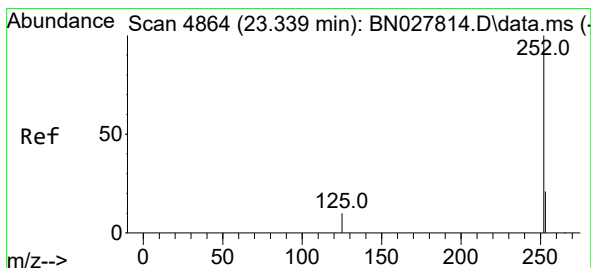
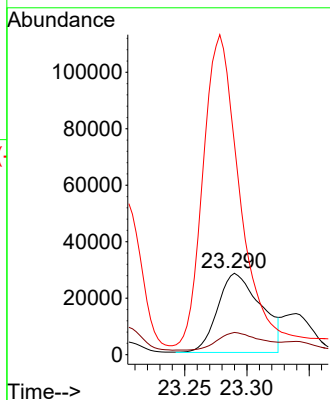
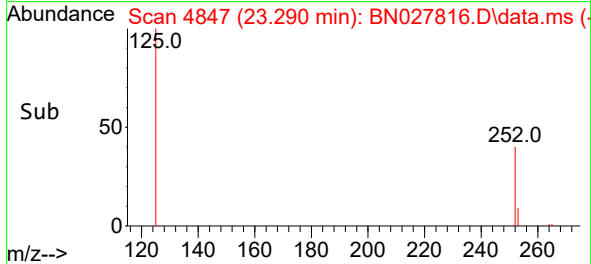
Instrument :
BNA_N
ClientSampleId :
C0AD1



Tgt Ion:252 Resp: 68160
Ion Ratio Lower Upper
252 100
253 27.4 0.0 50.2
125 260.1 0.0 31.4

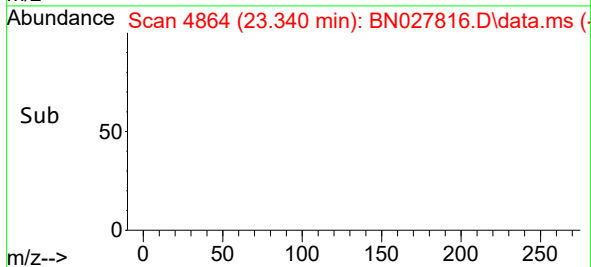
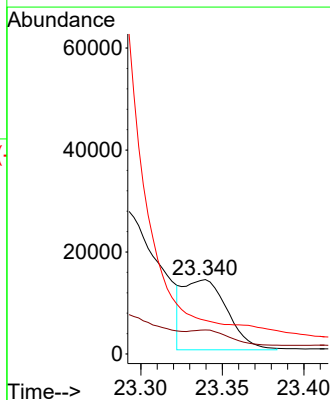
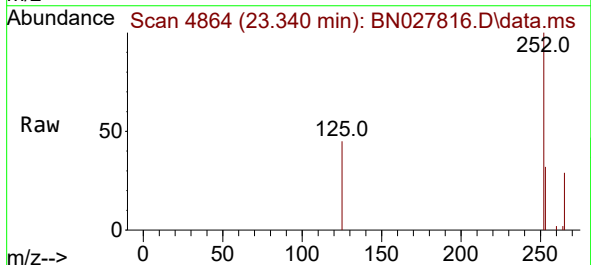
Manual Integrations
APPROVED

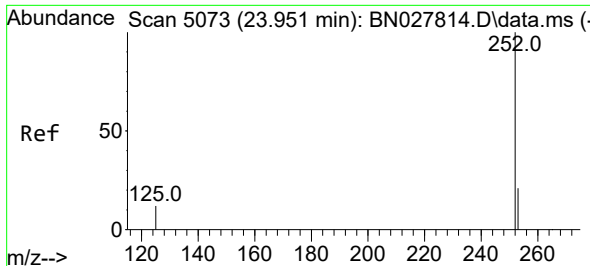
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul m
RT: 23.340 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

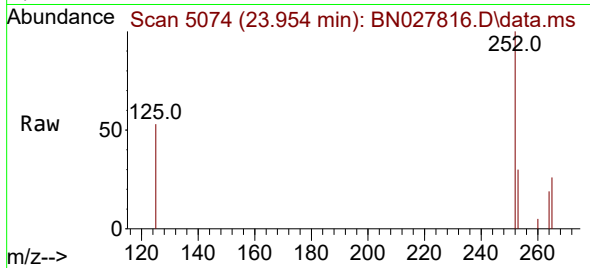
Tgt Ion:252 Resp: 25949
Ion Ratio Lower Upper
252 100
253 32.3 19.9 29.9#
125 45.3 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.524 ng/ul
RT: 23.954 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

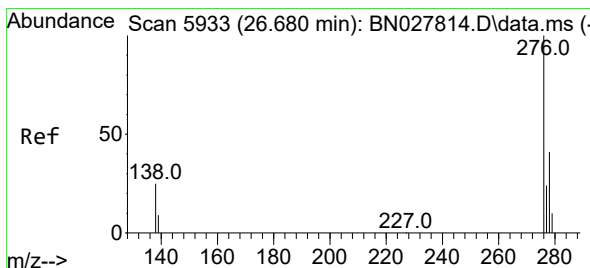
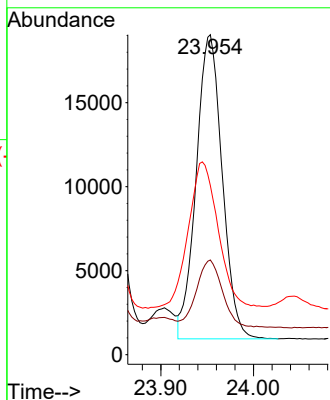
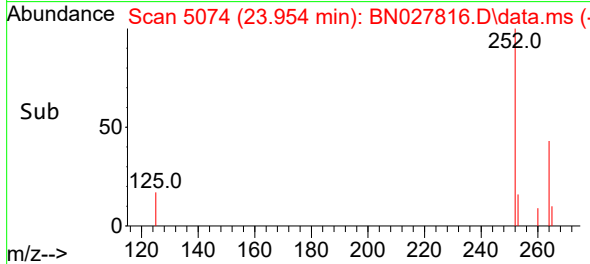
Instrument :
BNA_N
ClientSampleId :
C0AD1



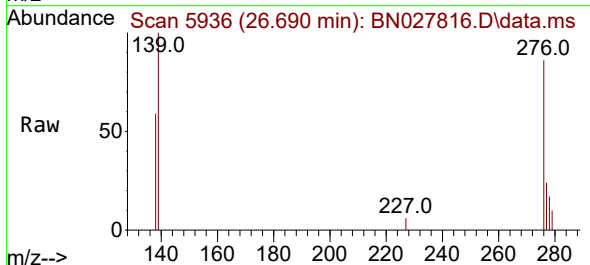
Tgt Ion:252 Resp: 3534
Ion Ratio Lower Upper
252 100
253 29.6 21.9 32.9
125 52.9 15.5 23.3

Manual Integrations
APPROVED

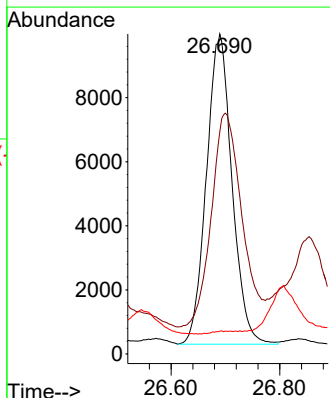
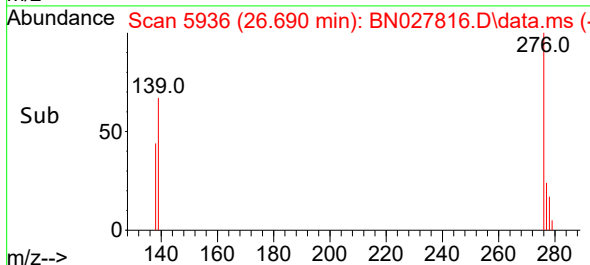
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

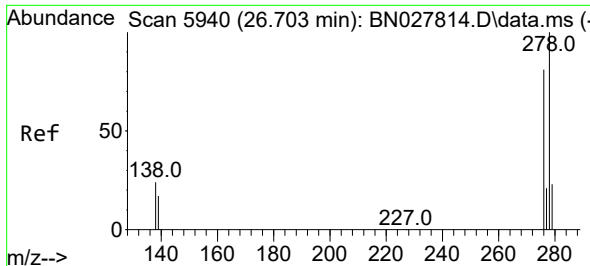


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.690 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21



Tgt Ion:276 Resp: 31545
Ion Ratio Lower Upper
276 100
138 92.4 24.3 36.5#
227 1.2 0.0 0.0#





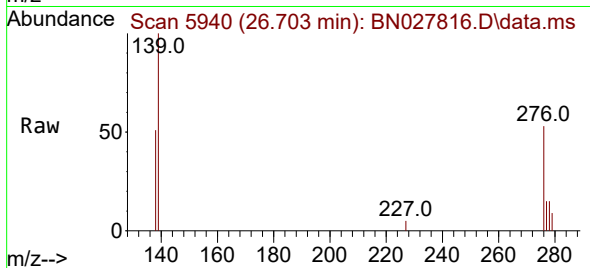
#28
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 26.703 min Scan# 5940
Delta R.T. -0.003 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21

Instrument :

BNA_N

ClientSampleId :

C0AD1



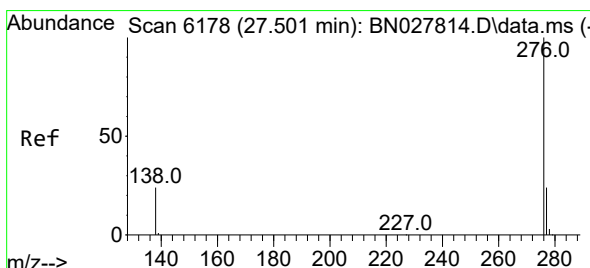
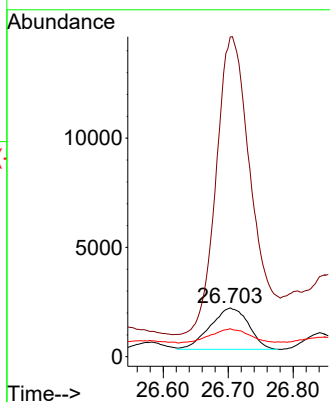
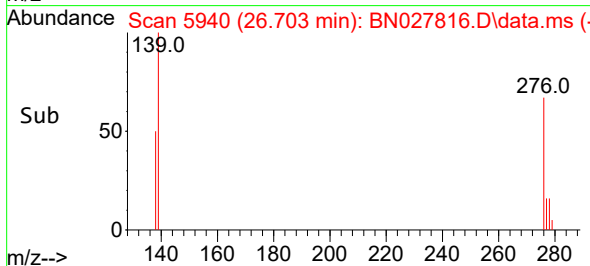
Tgt Ion:278 Resp: 7798
Ion Ratio Lower Upper
278 100
139 654.4 17.2 25.8
279 57.2 21.4 32.0

Manual Integrations

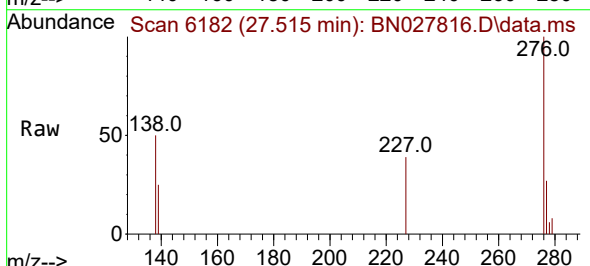
APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.476 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027816.D
Acq: 22 Sep 2023 09:21



Tgt Ion:276 Resp: 34955
Ion Ratio Lower Upper
276 100
138 49.6 21.7 32.5
277 27.3 20.2 30.2

