

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025943.D
 Acq On : 22 Jun 2023 18:35
 Operator : MA/JU
 Sample : 03083-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:04:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26750	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	15894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	32226	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	17197	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	15881	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	15856	1.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	5042	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	9757	0.149	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.842	128	11345	0.148	ng/ul	98
7) 2-Methylnaphthalene	12.453	142	4919	0.101	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	3828	0.076	ng/ul	100
10) Acenaphthylene	14.339	152	30216	0.406	ng/ul	99
11) Acenaphthene	14.681	153	1940	0.032	ng/ul	95
12) Fluorene	15.662	166	4622	0.066	ng/ul#	97
15) Phenanthrene	17.406	178	90617	0.851	ng/ul	100
16) Anthracene	17.495	178	18913	0.200	ng/ul	97
19) Fluoranthene	19.419	202	257932	2.808	ng/ul	97
20) Pyrene	19.782	202	198633	2.079	ng/ul	96
21) Benzo(a)anthracene	21.529	228	92321	1.301	ng/ul	97
22) Chrysene	21.581	228	107668	1.459	ng/ul	98
24) Benzo(b)fluoranthene	23.250	252	159921m	2.359	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	50029m	0.735	ng/ul	
26) Benzo(a)pyrene	23.891	252	71924	1.222	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.557	276	67607	1.051	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.574	278	17028	0.350	ng/ul#	91
29) Benzo(g,h,i)perylene	27.356	276	11181	0.195	ng/ul#	85

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

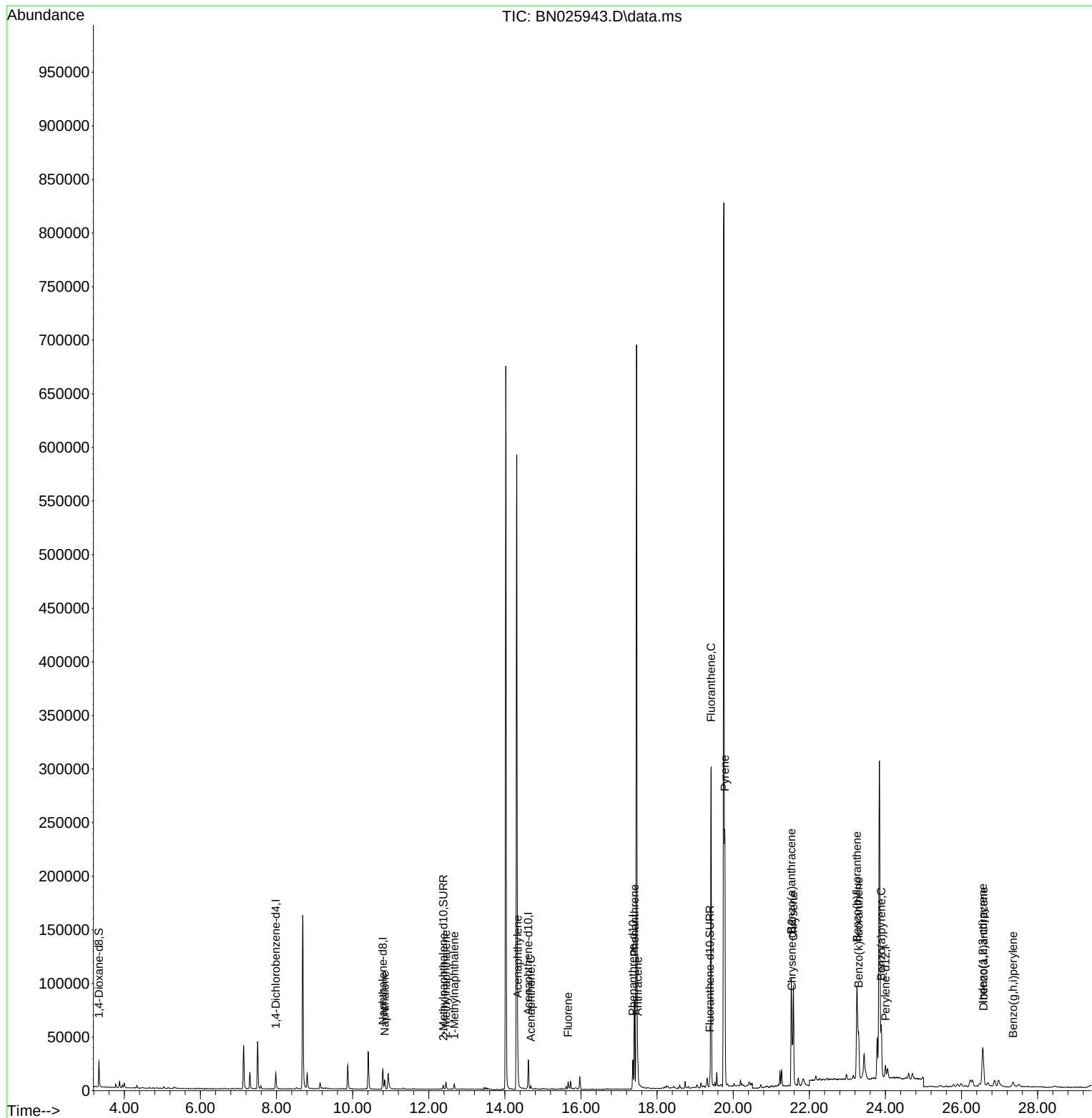
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025943.D
Acq On : 22 Jun 2023 18:35
Operator : MA/JU
Sample : 03083-20
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ALS Vial : 17 Sample Multiplier: 1

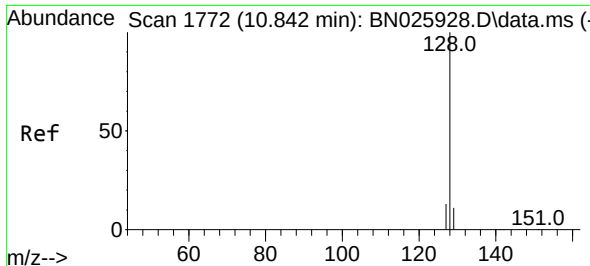
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Supervised By :mohammad ahmed 06/23/2023

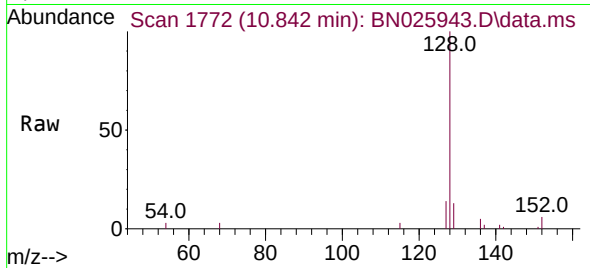
Quant Time: Jun 23 01:04:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

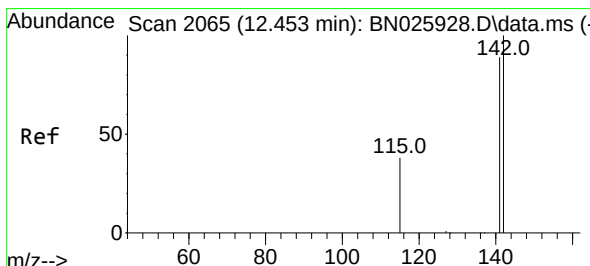
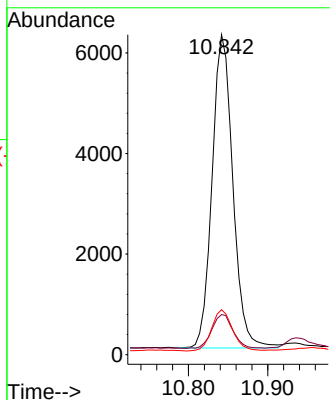
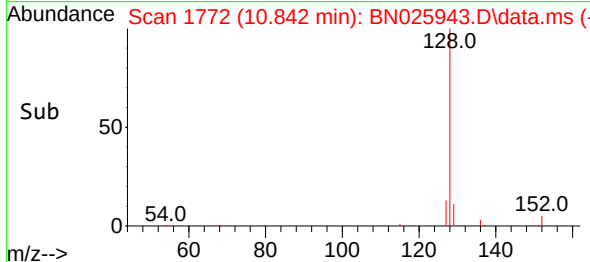
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:128 Resp: 11349
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 14.1 10.7 16.1

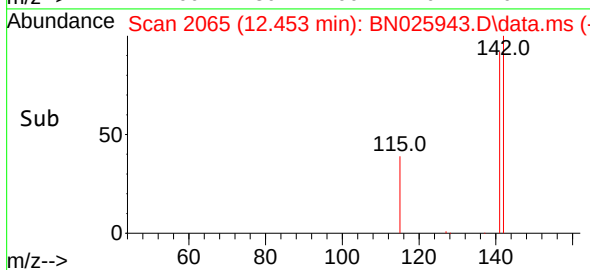
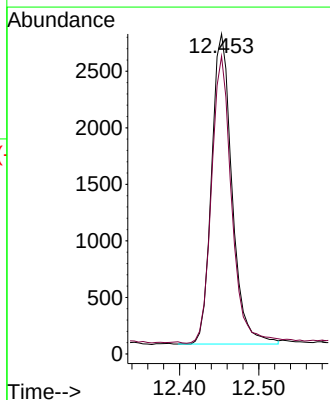
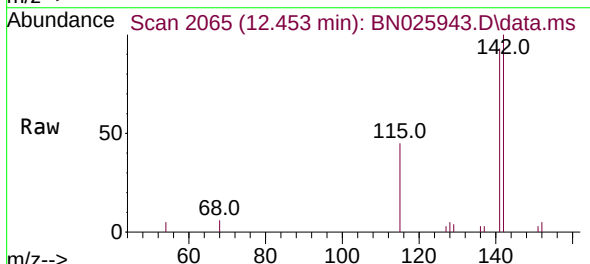
Manual Integrations
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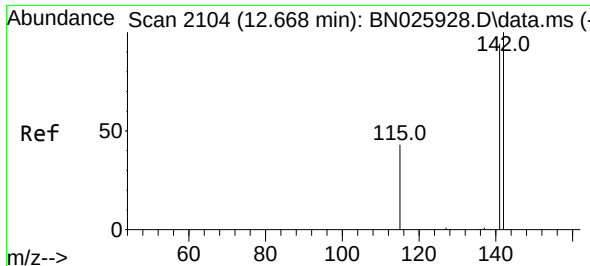
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

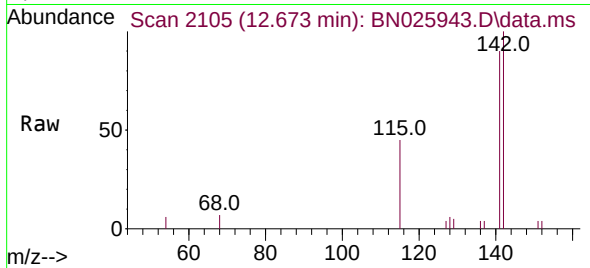
Tgt Ion:142 Resp: 4919
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

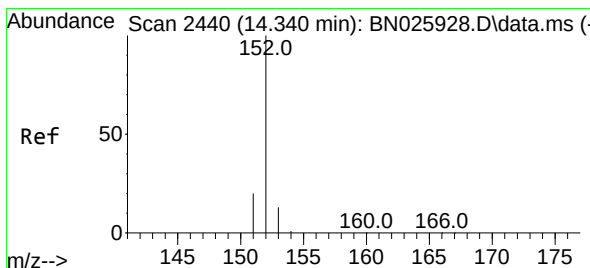
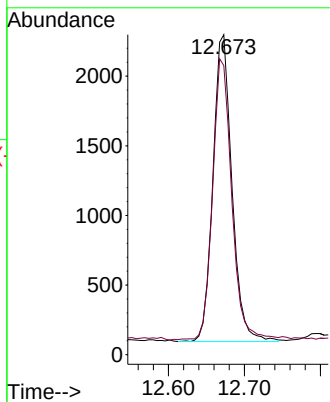
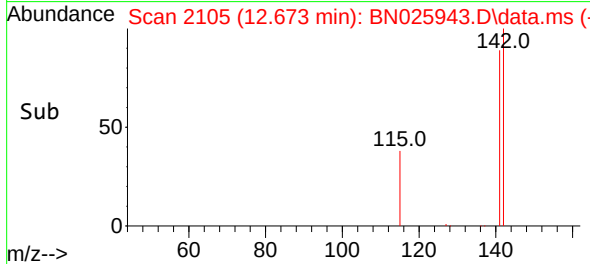
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:142 Resp: 3828
Ion Ratio Lower Upper
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141 92.6 74.2 111.4

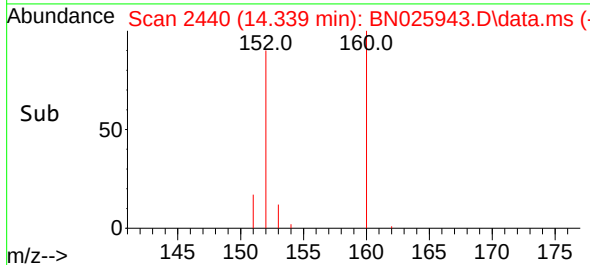
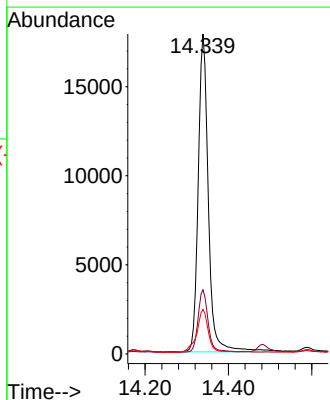
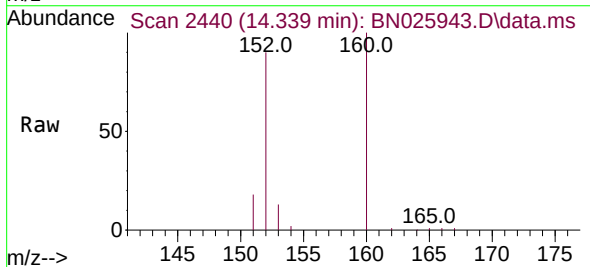
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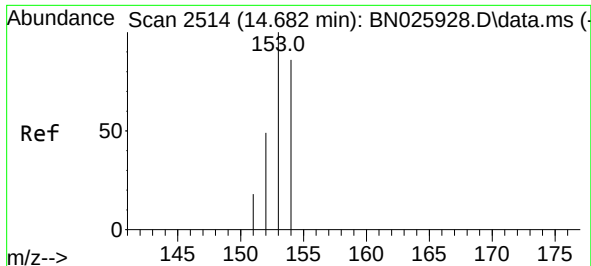
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

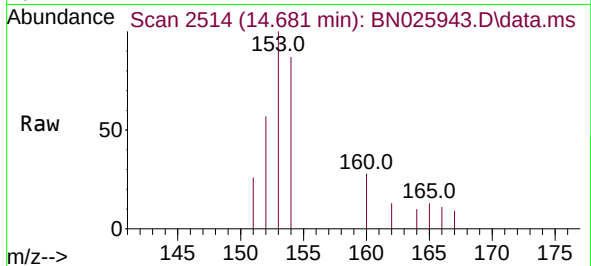
Tgt Ion:152 Resp: 30216
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.681 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

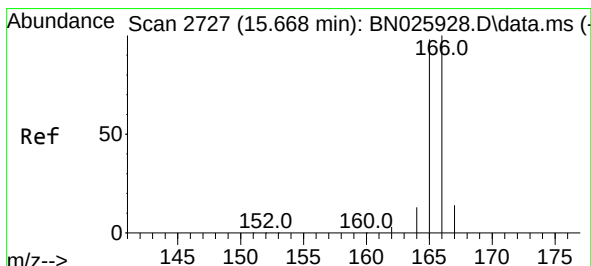
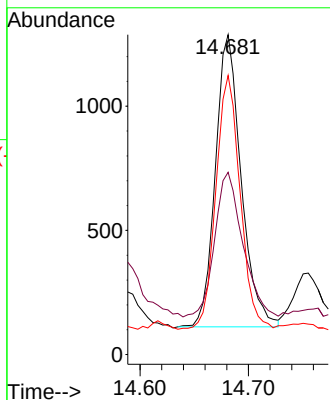
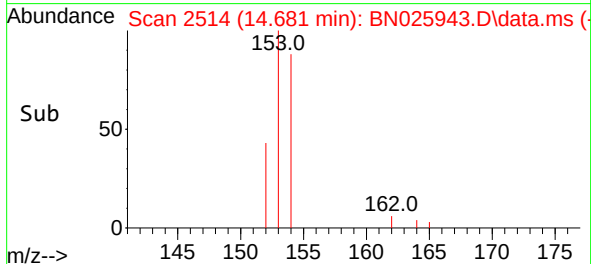
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:153 Resp: 1940
Ion Ratio Lower Upper
153 100
152 57.0 39.4 59.0
154 87.3 68.9 103.3

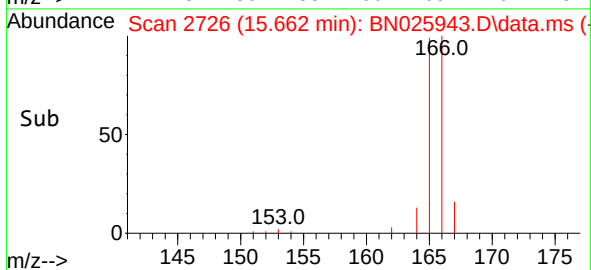
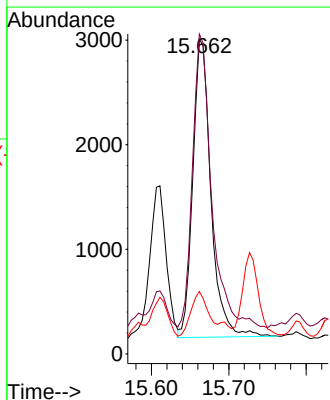
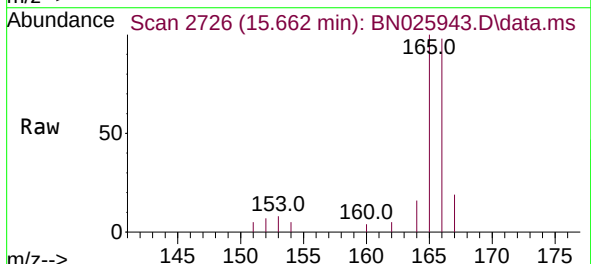
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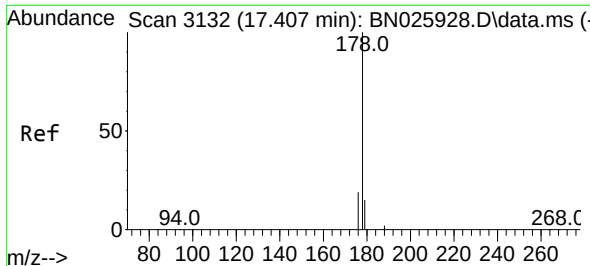
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

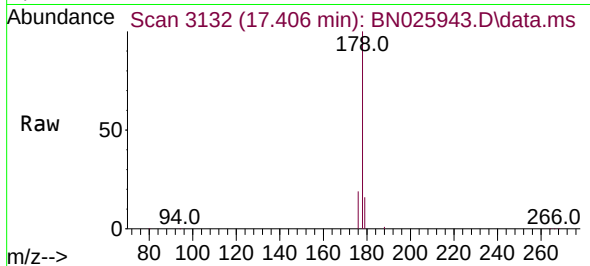
Tgt Ion:166 Resp: 4622
Ion Ratio Lower Upper
166 100
165 101.6 79.9 119.9
167 19.8 10.8 16.2#





#15
Phenanthrene
Concen: 0.851 ng/u1
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

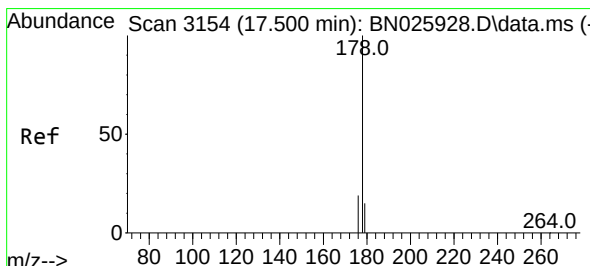
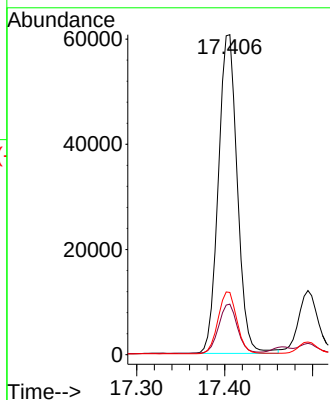
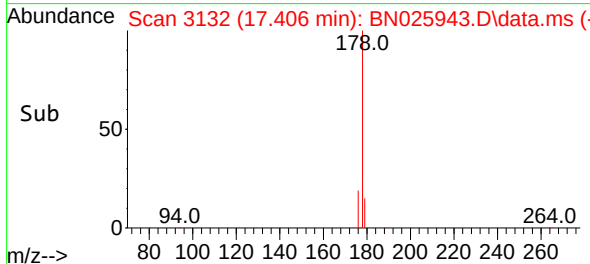
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:178 Resp: 9061
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.5 15.8 23.6

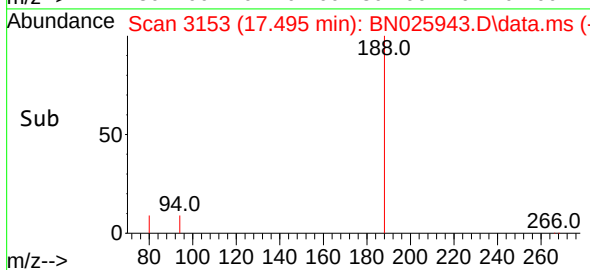
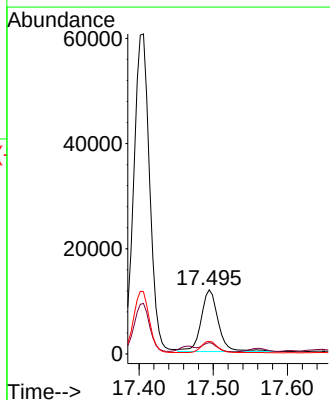
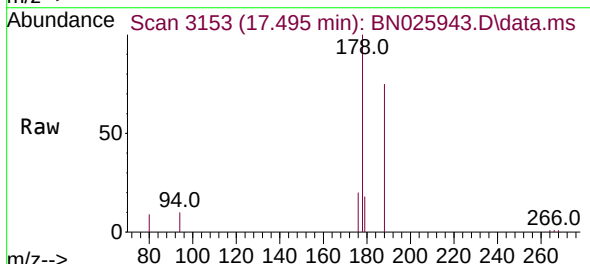
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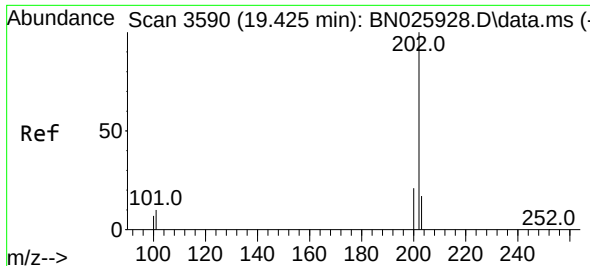
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.200 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

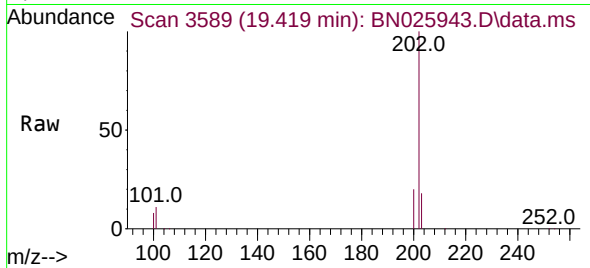
Tgt Ion:178 Resp: 18913
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 19.7 15.1 22.7





#19
Fluoranthene
Concen: 2.808 ng/u1
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

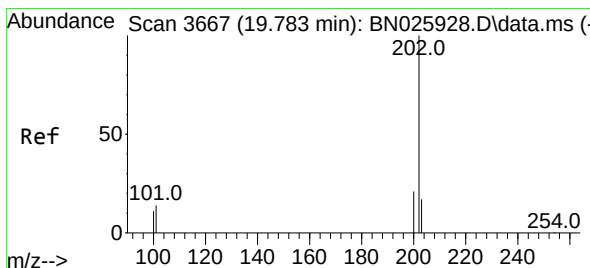
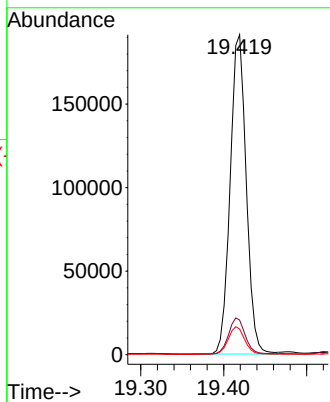
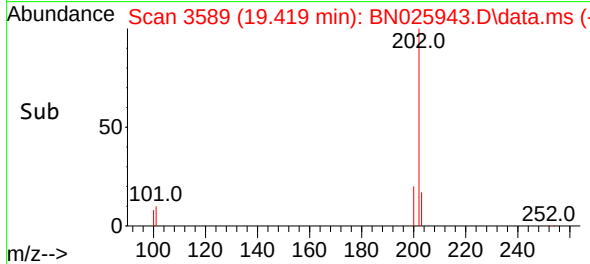
Instrument :
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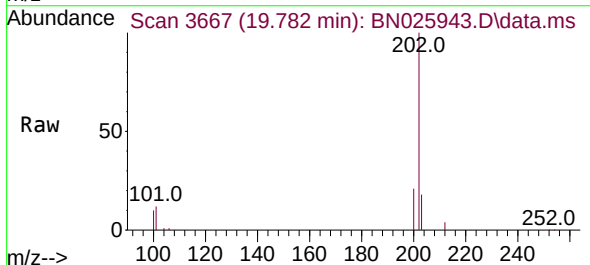
Tgt Ion:202 Resp: 257933
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.0 7.3 10.9

Manual Integrations
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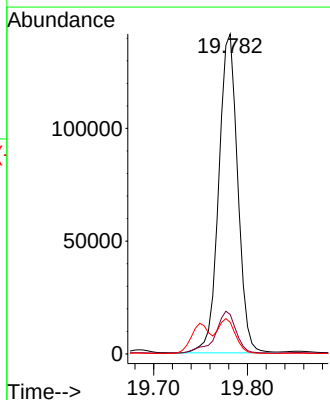
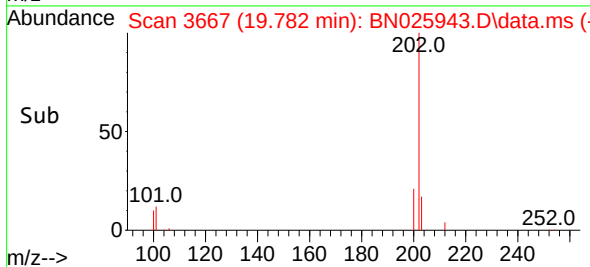
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

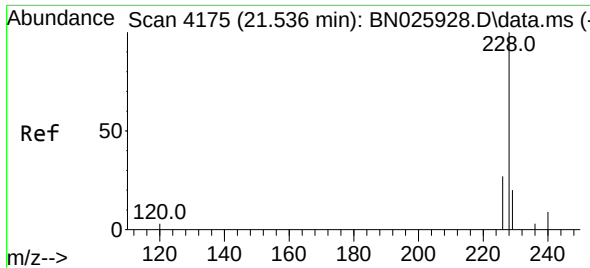


#20
Pyrene
Concen: 2.079 ng/u1
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35



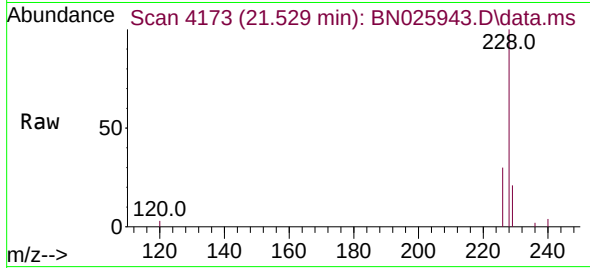
Tgt Ion:202 Resp: 198633
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.301 ng/ul
RT: 21.529 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

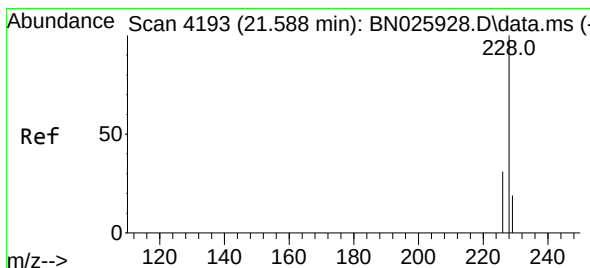
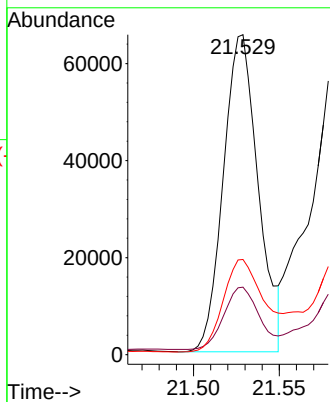
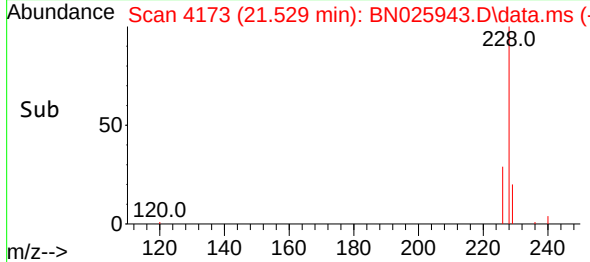
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:228 Resp: 9232
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.7 22.5 33.7

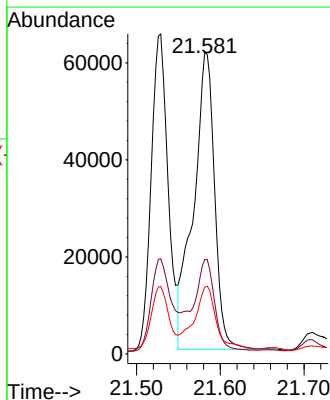
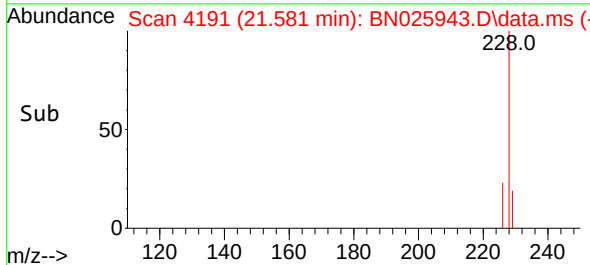
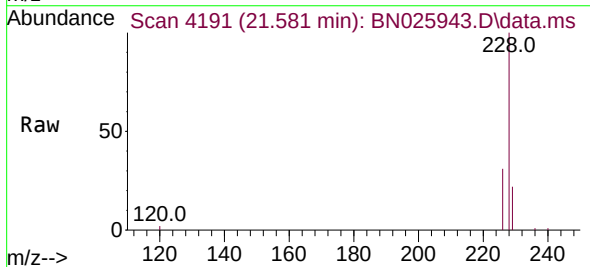
Manual Integrations
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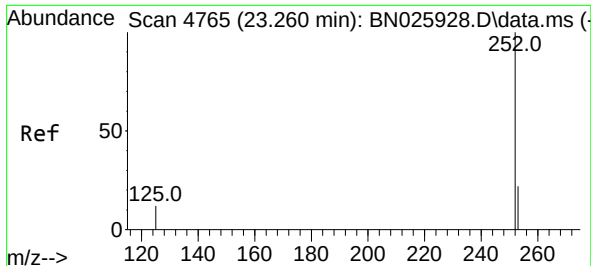
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 1.459 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

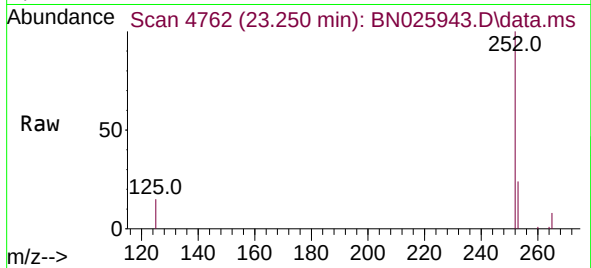
Tgt Ion:228 Resp: 107668
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.359 ng/ul m
RT: 23.250 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

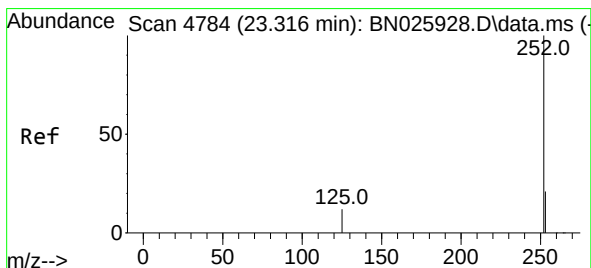
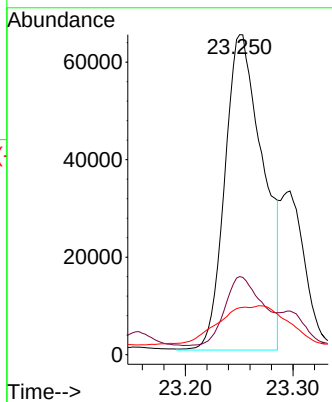
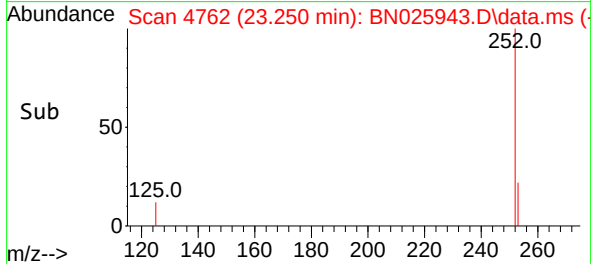
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:252 Resp: 15992
Ion Ratio Lower Upper
252 100
253 24.4 0.0 55.6
125 14.7 0.0 35.8

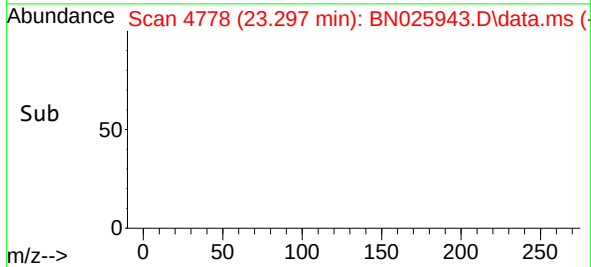
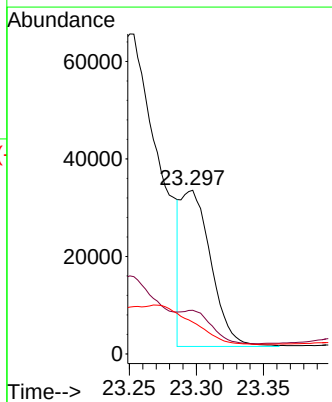
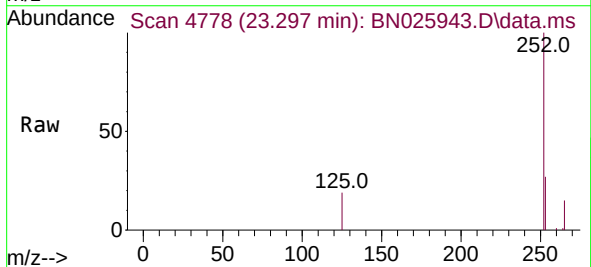
Manual Integrations
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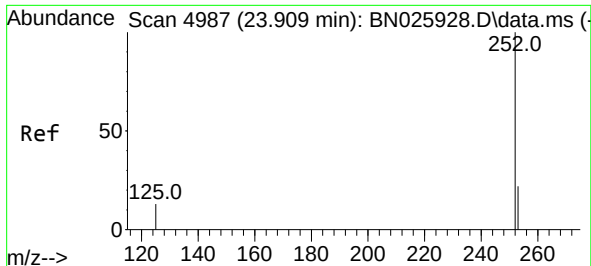
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 0.735 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.012 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

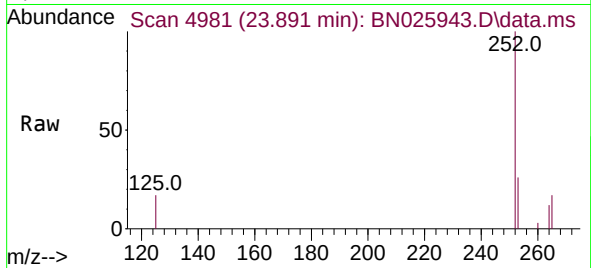
Tgt Ion:252 Resp: 50029
Ion Ratio Lower Upper
252 100
253 26.7 23.2 34.8
125 19.5 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.222 ng/ul
RT: 23.891 min Scan# 4987
Delta R.T. -0.018 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

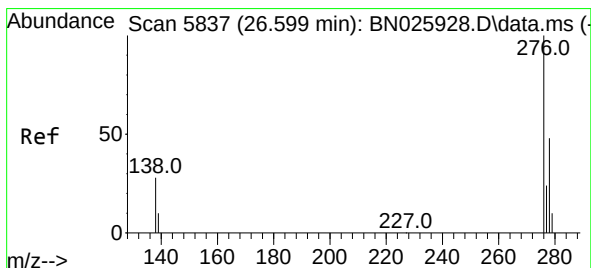
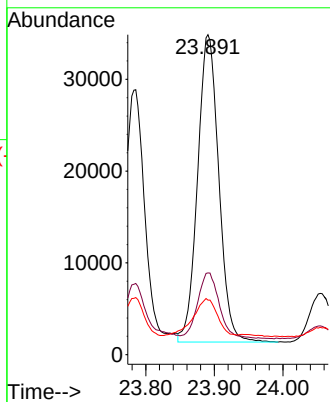
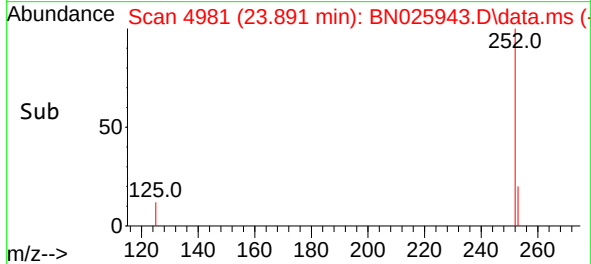
Instrument :
BNA_N
ClientSampleId :
DCFQ6



Tgt Ion:252 Resp: 71924
Ion Ratio Lower Upper
252 100
253 25.5 26.0 39.0
125 17.1 17.3 25.9

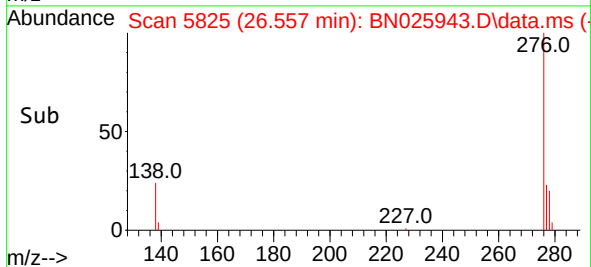
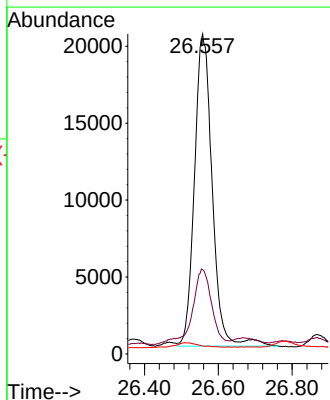
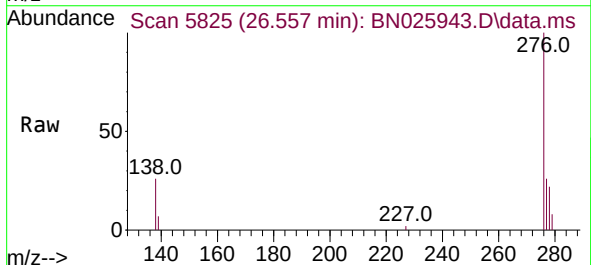
Manual Integrations
APPROVED

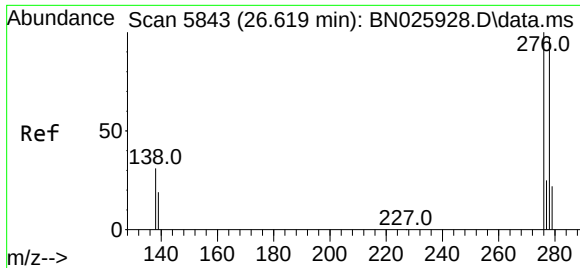
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.051 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.037 min
Lab File: BN025943.D
Acq: 22 Jun 2023 18:35

Tgt Ion:276 Resp: 67607
Ion Ratio Lower Upper
276 100
138 26.6 24.5 36.7
227 0.0 0.0 0.0





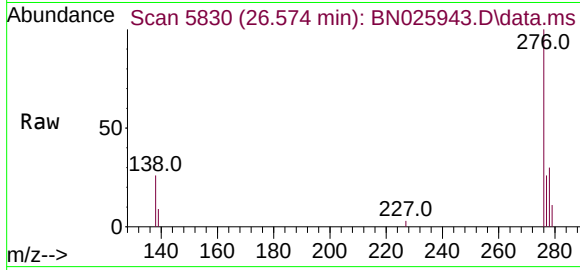
#28
 Dibenzo(a,h)anthracene
 Concen: 0.350 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.047 min
 Lab File: BN025943.D
 Acq: 22 Jun 2023 18:35

Instrument :

BNA_N

ClientSampleId :

DCFQ6



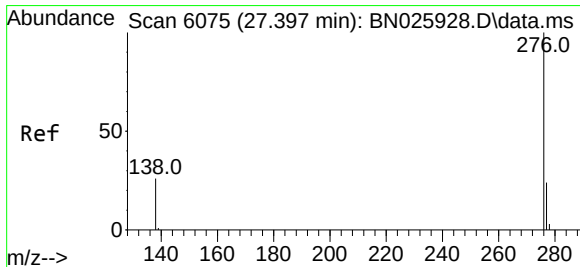
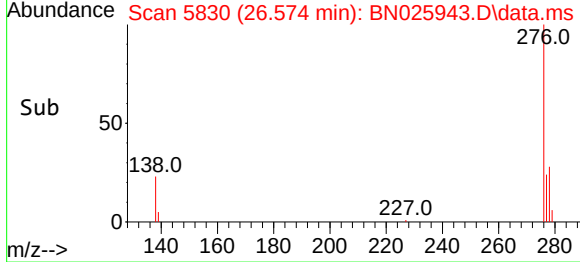
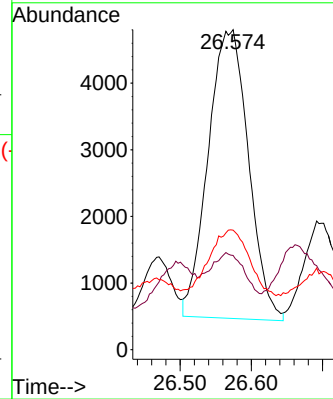
Tgt Ion:278 Resp: 17028
 Ion Ratio Lower Upper
 278 100
 139 29.4 19.0 28.4#
 279 37.4 26.7 40.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.195 ng/ul
 RT: 27.356 min Scan# 6063
 Delta R.T. -0.030 min
 Lab File: BN025943.D
 Acq: 22 Jun 2023 18:35

Tgt Ion:276 Resp: 11181
 Ion Ratio Lower Upper
 276 100
 138 37.8 23.4 35.0#
 277 32.2 20.0 30.0#

