

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027005.D
 Acq On : 21 Aug 2023 23:22
 Operator : MA/JU
 Sample : 03967-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:40:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6689	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	22473	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	29401	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	24364	0.400	ng/ul	# 0.00
23) Perylene-d12	24.182	264	25408	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	28330	3.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6186	0.187	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	15302	0.199	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.977	128	2935	0.046	ng/ul#	87
7) 2-Methylnaphthalene	12.572	142	1237	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	884	0.022	ng/ul	99
10) Acenaphthylene	14.458	152	4687	0.064	ng/ul	95
11) Acenaphthene	14.791	153	1282	0.025	ng/ul	95
12) Fluorene	15.772	166	1599	0.028	ng/ul#	97
15) Phenanthrene	17.515	178	43730	0.453	ng/ul	100
16) Anthracene	17.608	178	7072	0.081	ng/ul	95
19) Fluoranthene	19.515	202	140277	1.386	ng/ul	98
20) Pyrene	19.882	202	118139m	1.094	ng/ul	
21) Benzo(a)anthracene	21.624	228	53593	0.553	ng/ul	98
22) Chrysene	21.679	228	76362	0.798	ng/ul	98
24) Benzo(b)fluoranthene	23.392	252	109665m	1.141	ng/ul	
25) Benzo(k)fluoranthene	23.442	252	39764m	0.420	ng/ul	
26) Benzo(a)pyrene	24.065	252	57874	0.667	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.864	276	46204	0.407	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.891	278	10941	0.121	ng/ul#	72
29) Benzo(g,h,i)perylene	27.703	276	45365	0.480	ng/ul	98

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

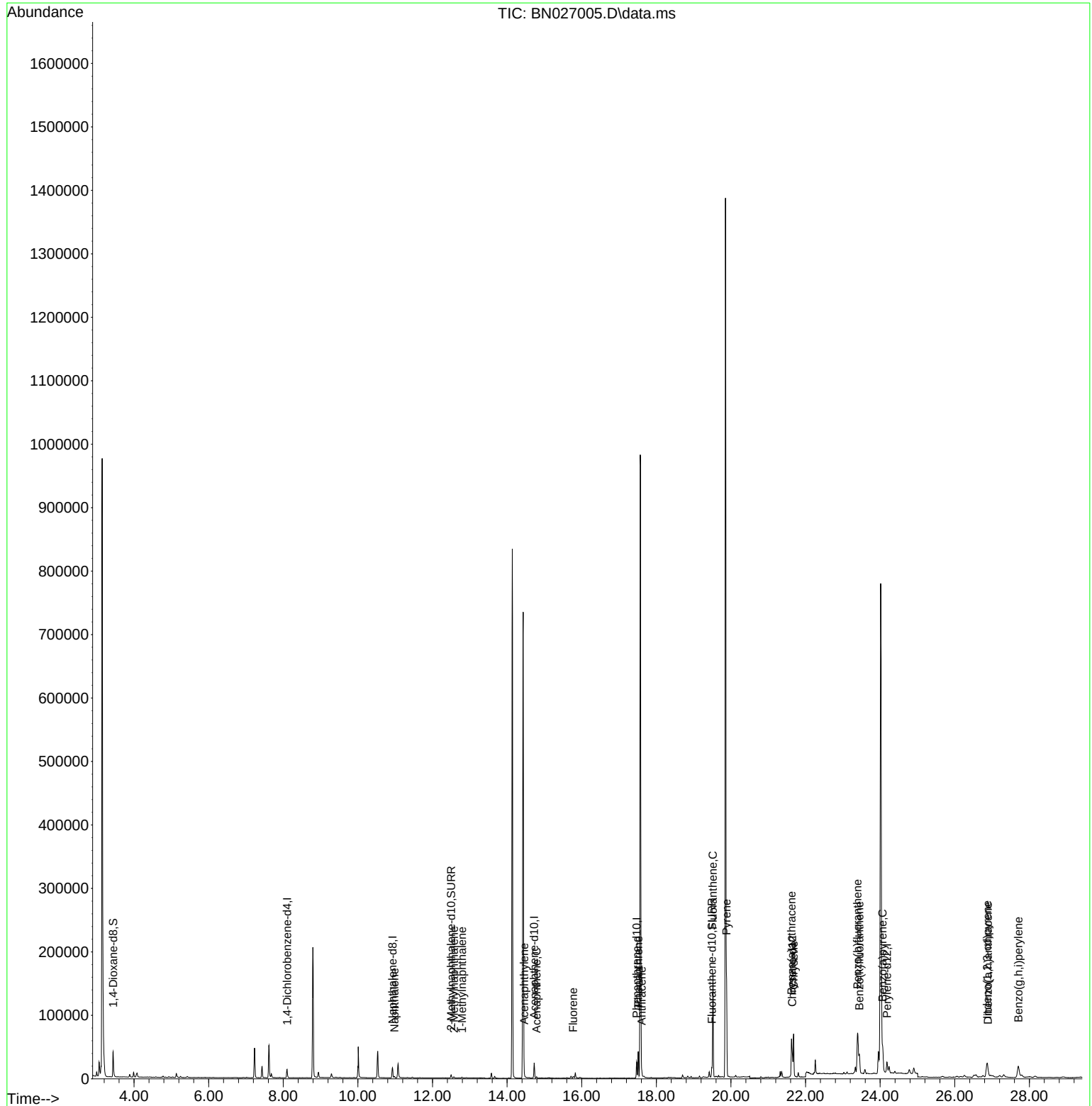
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027005.D
Acq On : 21 Aug 2023 23:22
Operator : MA/JU
Sample : 03967-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

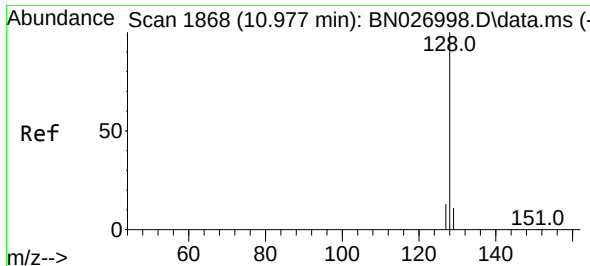
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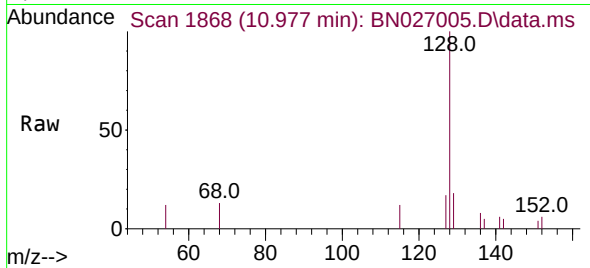
Quant Time: Aug 22 01:40:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

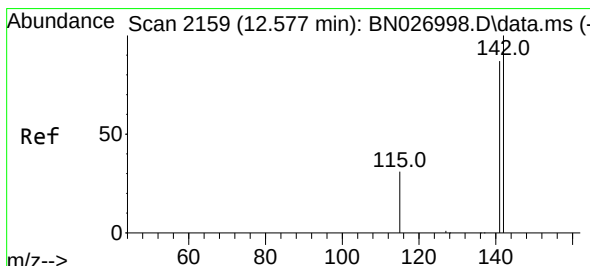
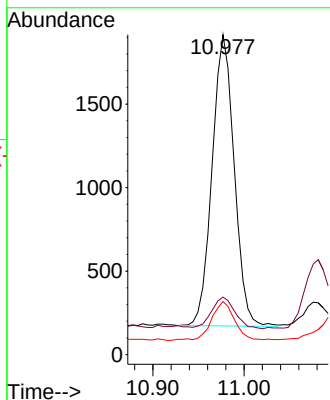
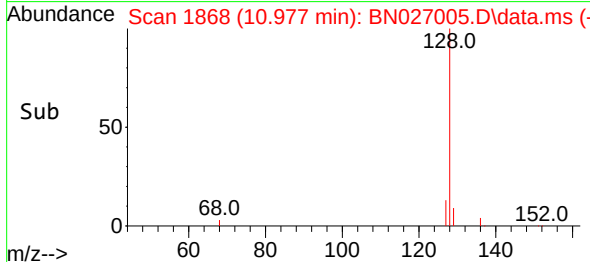
Instrument :
BNA_N
ClientSampleId :
A48M3



Tgt Ion:128 Resp: 2935
Ion Ratio Lower Upper
128 100
129 18.0 9.2 13.8
127 16.6 10.5 15.7

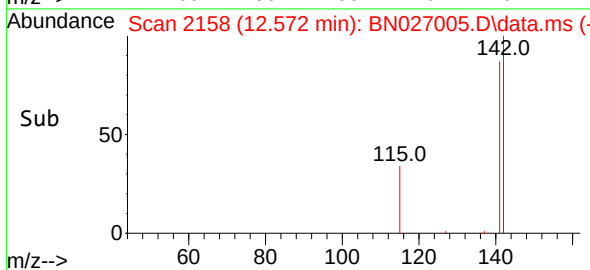
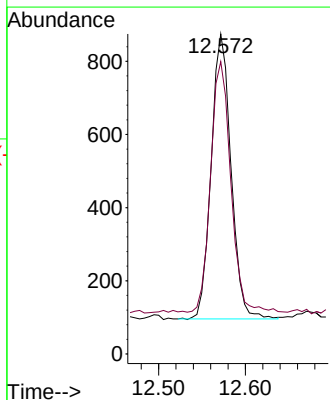
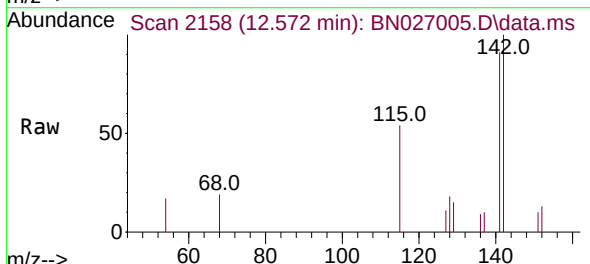
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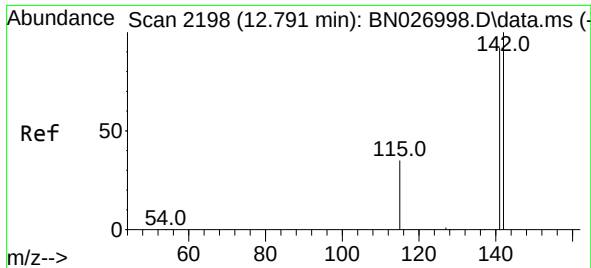
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

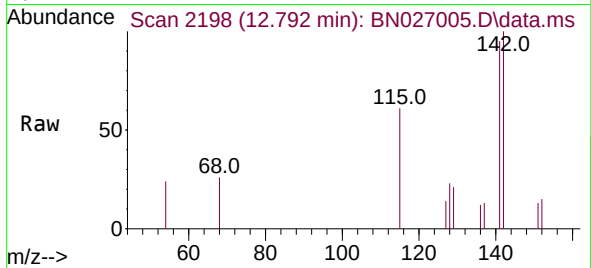
Tgt Ion:142 Resp: 1237
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

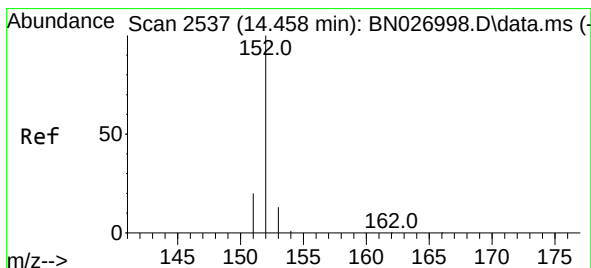
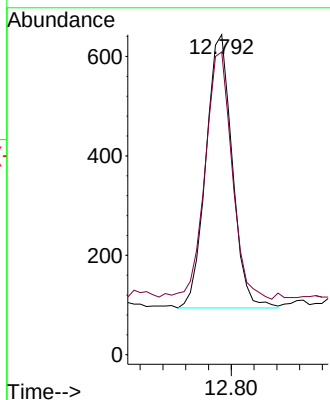
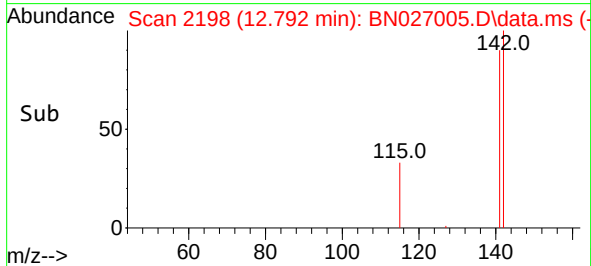
Instrument :
BNA_N
ClientSampleId :
A48M3



Tgt Ion:142 Resp: 884
Ion Ratio Lower Upper
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141 92.8 73.2 109.8

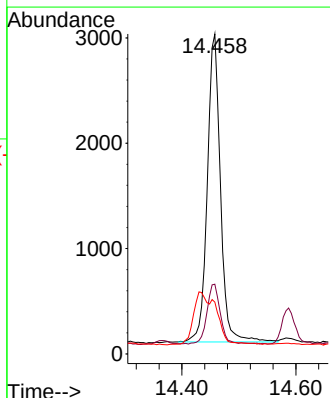
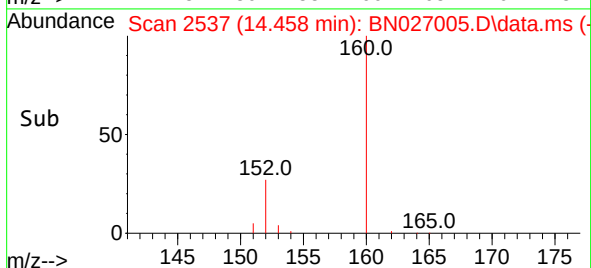
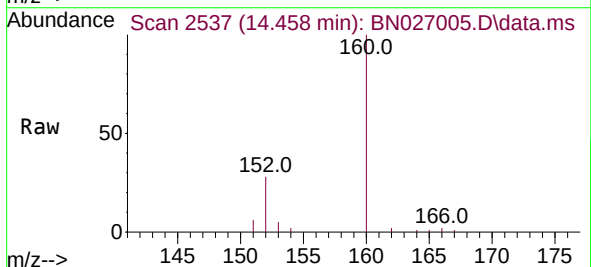
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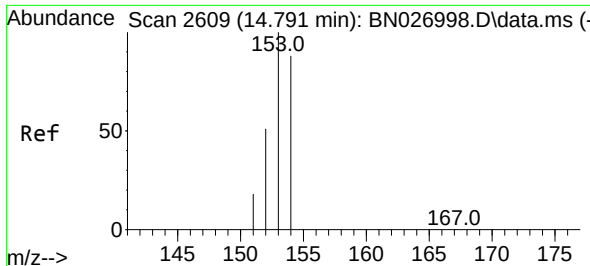
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

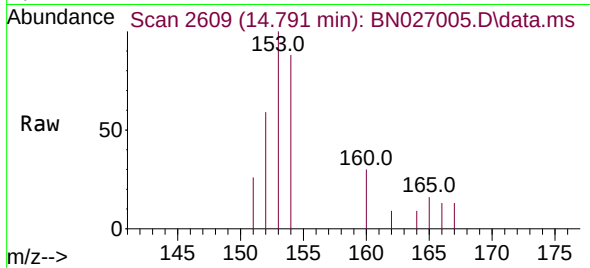
Tgt Ion:152 Resp: 4687
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 16.2 11.0 16.6





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

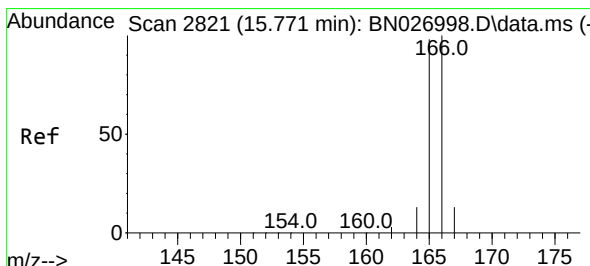
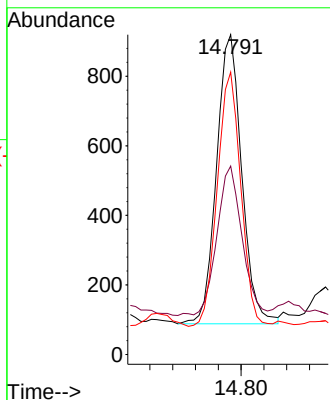
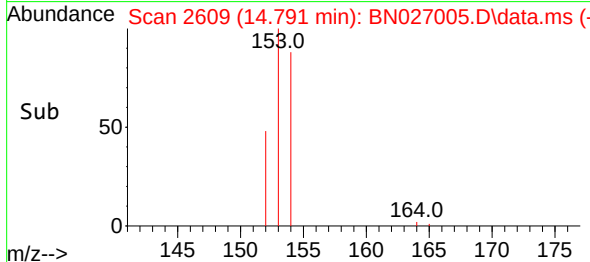
Instrument :
BNA_N
ClientSampleId :
A48M3



Tgt Ion:153 Resp: 1282
Ion Ratio Lower Upper
153 100
152 58.9 41.1 61.7
154 88.3 71.6 107.4

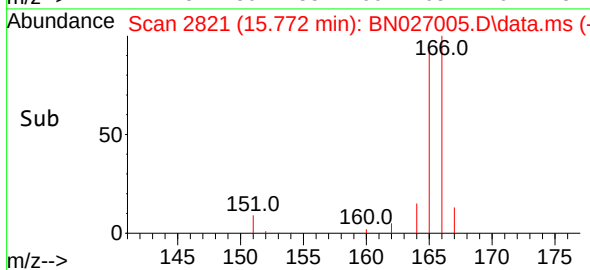
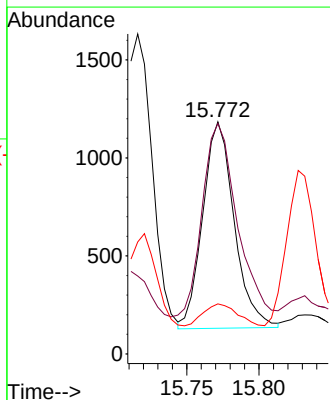
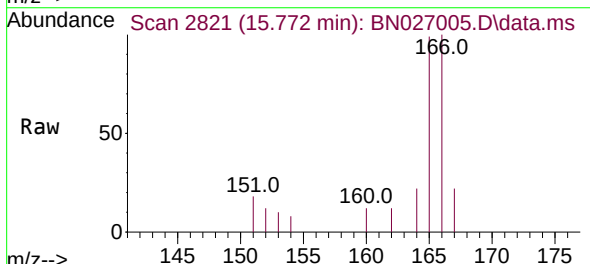
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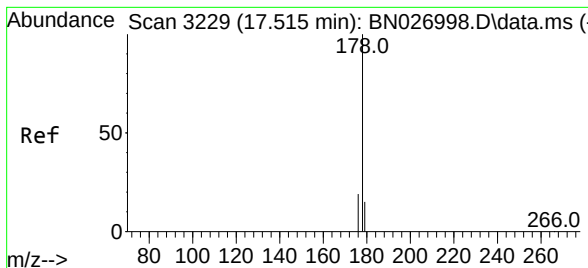
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:166 Resp: 1599
Ion Ratio Lower Upper
166 100
165 99.2 79.1 118.7
167 21.5 11.4 17.0#





#15

Phenanthrene

Concen: 0.453 ng/ul

RT: 17.515 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027005.D

Acq: 21 Aug 2023 23:22

Instrument :

BNA_N

ClientSampleId :

A48M3

Tgt Ion:178 Resp: 43730

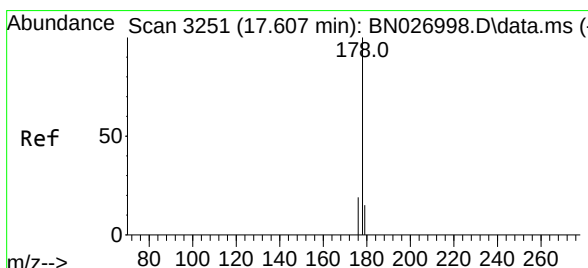
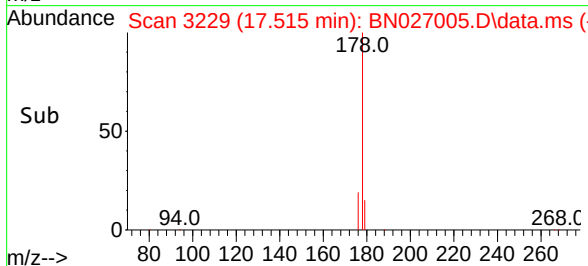
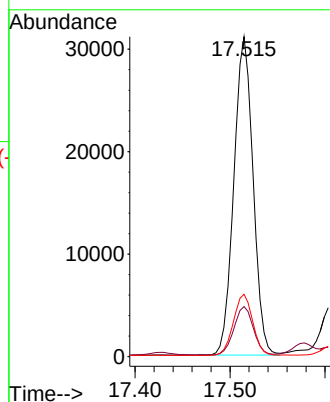
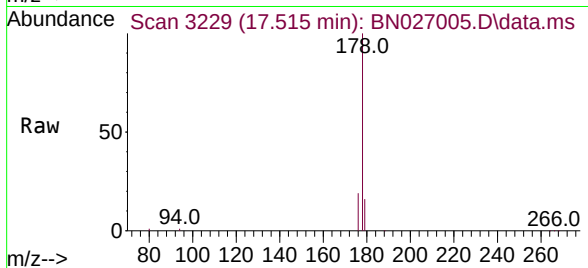
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.5	15.4	23.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#16

Anthracene

Concen: 0.081 ng/ul

RT: 17.608 min Scan# 3251

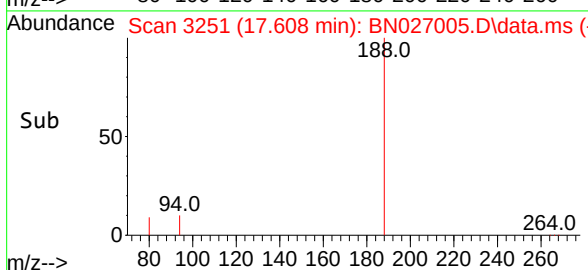
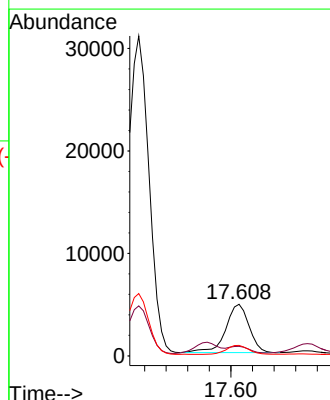
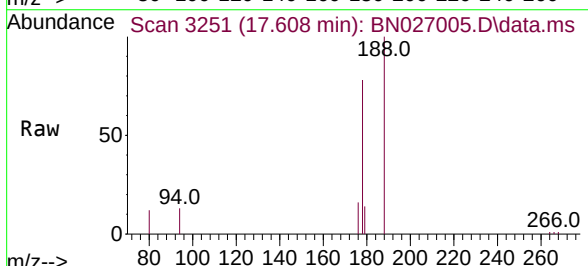
Delta R.T. -0.000 min

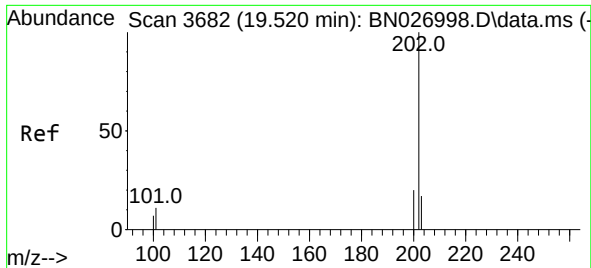
Lab File: BN027005.D

Acq: 21 Aug 2023 23:22

Tgt Ion:178 Resp: 7072

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.6	19.0
176	20.4	15.0	22.6





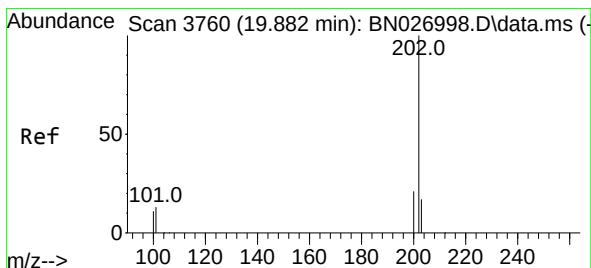
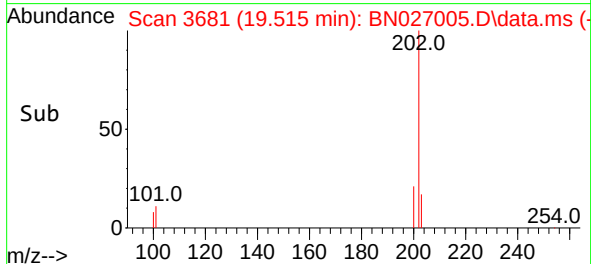
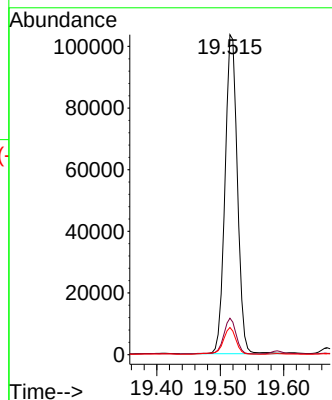
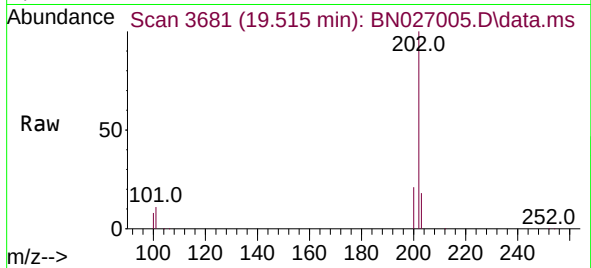
#19
Fluoranthene
Concen: 1.386 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.009 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Instrument :
BNA_N
ClientSampleId :
A48M3

Tgt Ion:202 Resp: 14027
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.5 6.2 9.2

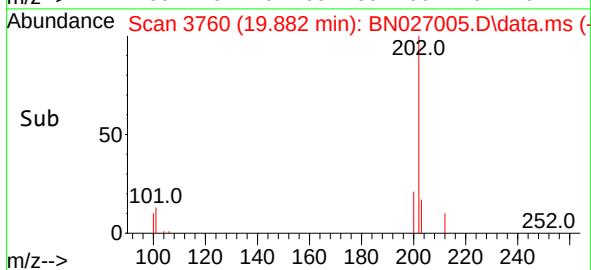
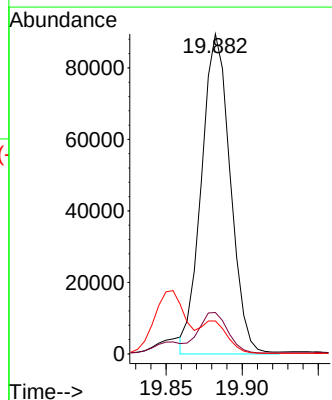
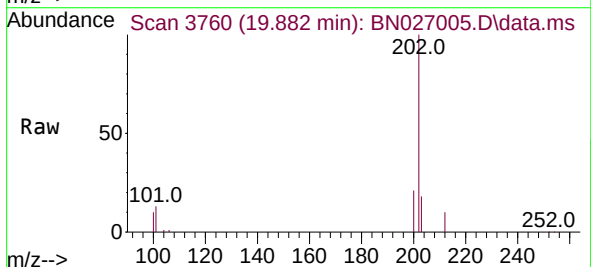
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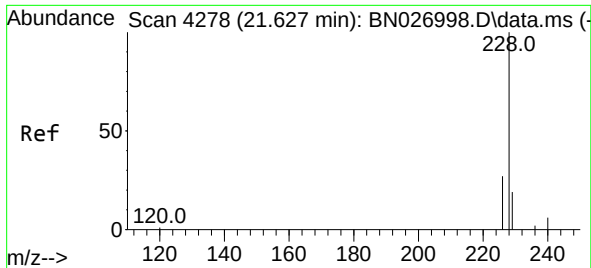
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
Pyrene
Concen: 1.094 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

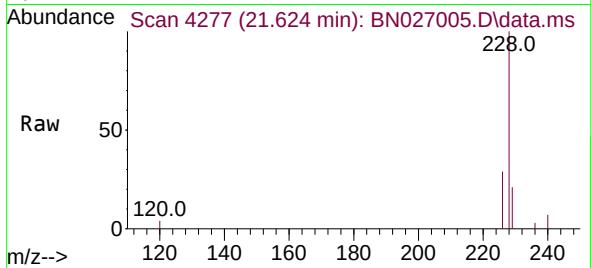
Tgt Ion:202 Resp: 118139
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.553 ng/u1
RT: 21.624 min Scan# 4277
Delta R.T. -0.009 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

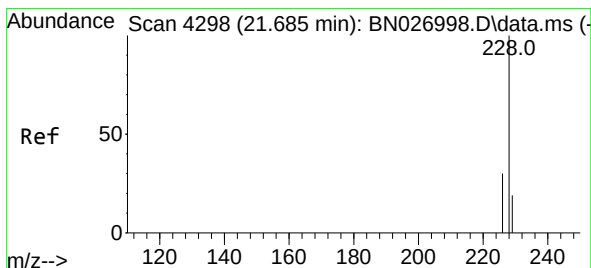
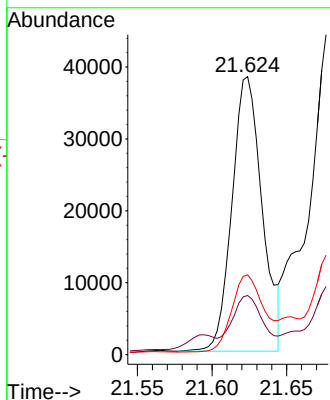
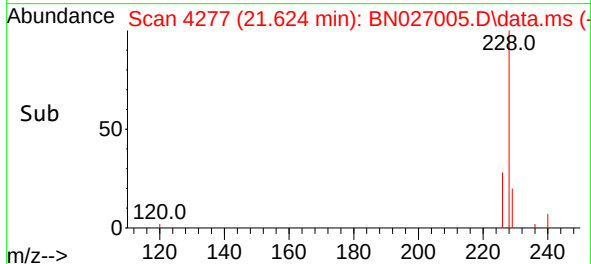
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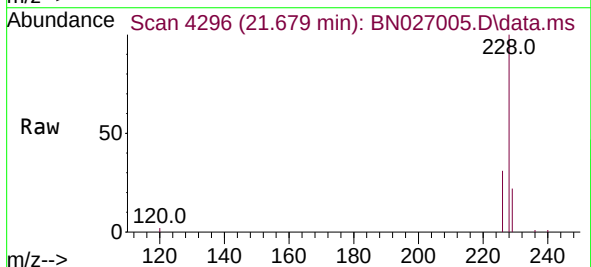
Tgt Ion:228 Resp: 53593
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.7 22.2 33.2

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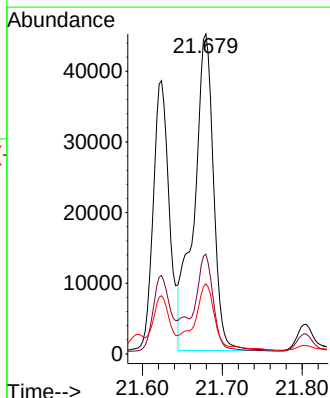
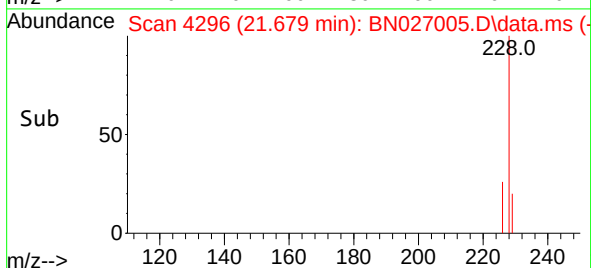
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

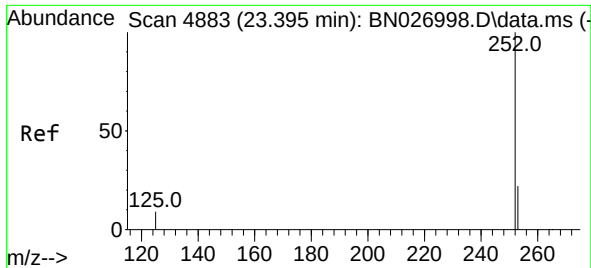


#22
Chrysene
Concen: 0.798 ng/u1
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22



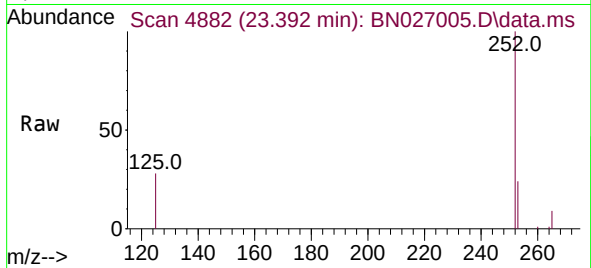
Tgt Ion:228 Resp: 76362
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.141 ng/ul m
RT: 23.392 min Scan# 4883
Delta R.T. -0.015 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

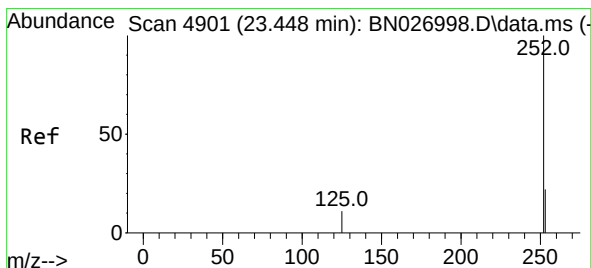
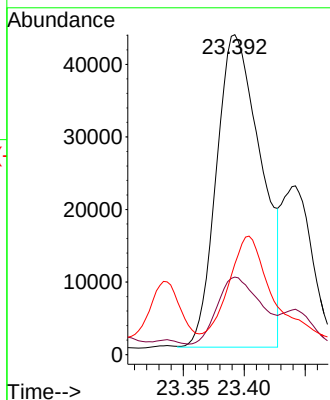
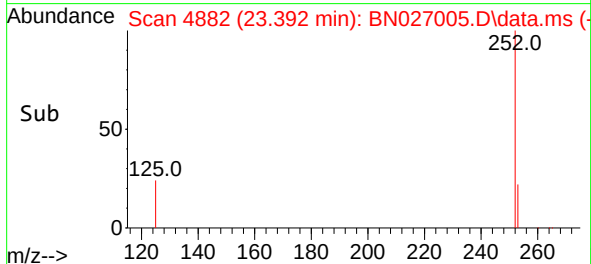
Instrument :
BNA_N
ClientSampleId :
A48M3



Tgt Ion:252 Resp: 109665
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.8
125 28.3 0.0 25.2

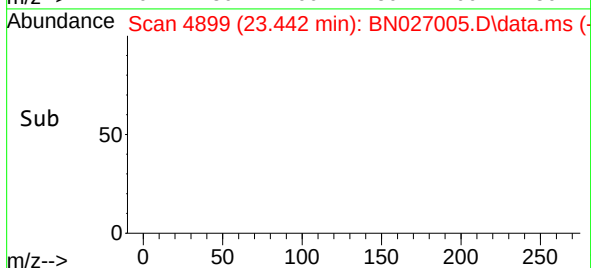
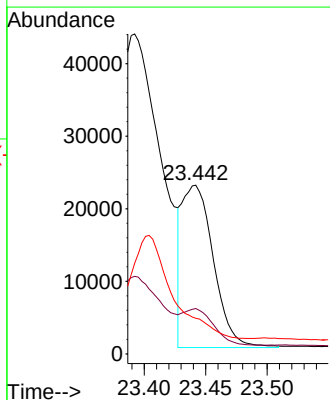
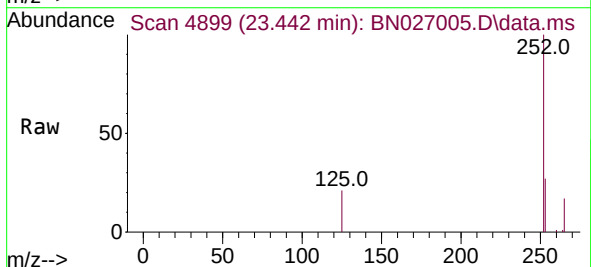
Manual Integrations
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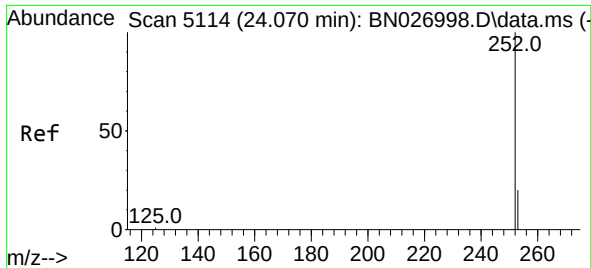
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul m
RT: 23.442 min Scan# 4899
Delta R.T. -0.018 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

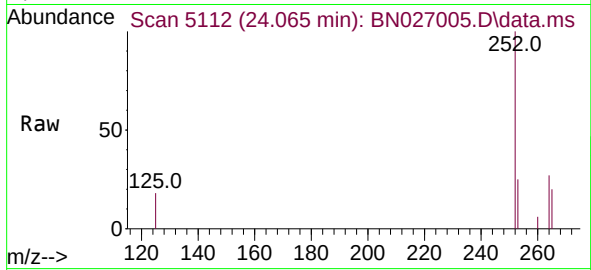
Tgt Ion:252 Resp: 39764
Ion Ratio Lower Upper
252 100
253 26.9 18.2 27.4
125 21.1 9.9 14.9





#26
Benzo(a)pyrene
Concen: 0.667 ng/ul
RT: 24.065 min Scan# 5114
Delta R.T. -0.020 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

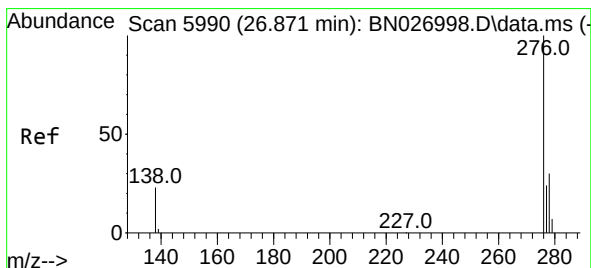
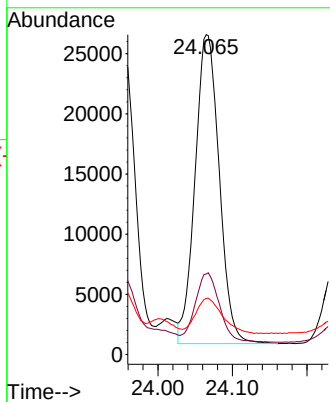
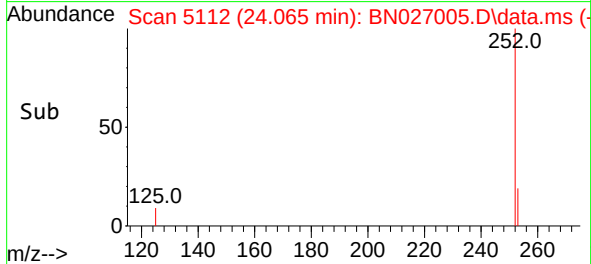
Instrument :
BNA_N
ClientSampleId :
A48M3



Tgt Ion:252 Resp: 57874
Ion Ratio Lower Upper
252 100
253 25.2 19.0 28.6
125 17.6 11.4 17.0

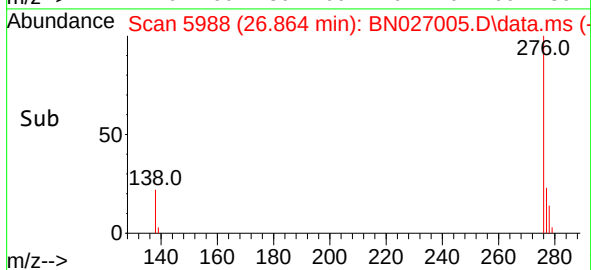
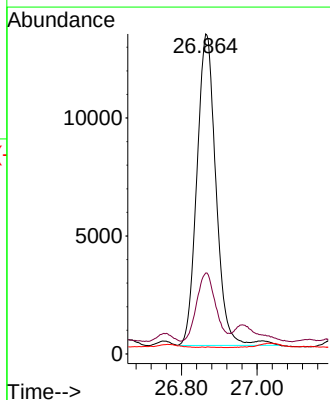
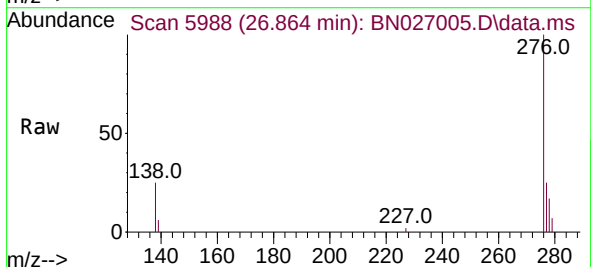
Manual Integrations
APPROVED

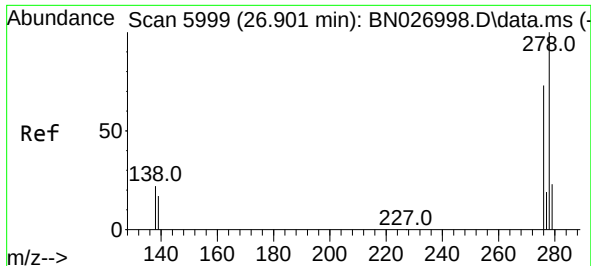
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.864 min Scan# 5988
Delta R.T. -0.021 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

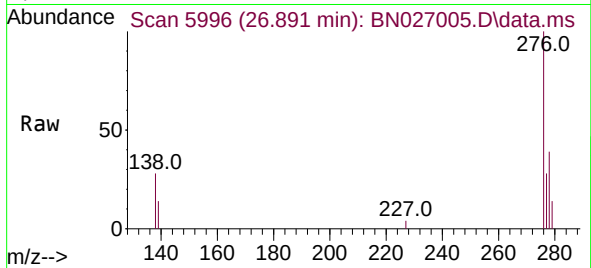
Tgt Ion:276 Resp: 46204
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 26.891 min Scan# 5999
Delta R.T. -0.031 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

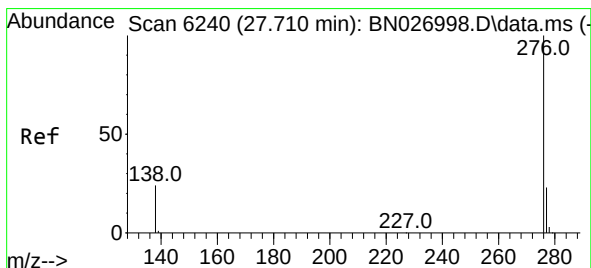
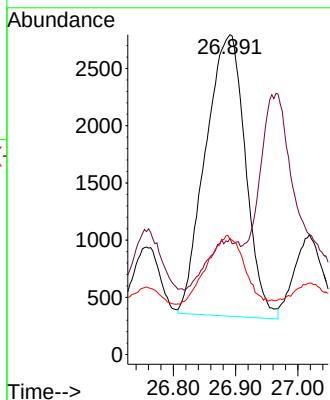
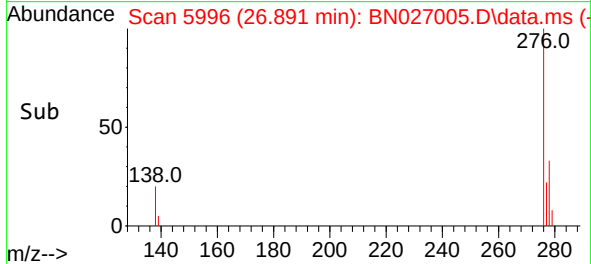
Instrument :
BNA_N
ClientSampleId :
A48M3



Tgt Ion:278 Resp: 1094
Ion Ratio Lower Upper
278 100
139 36.3 15.7 23.5
279 36.0 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 27.703 min Scan# 6238
Delta R.T. -0.021 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:276 Resp: 45365
Ion Ratio Lower Upper
276 100
138 25.8 19.3 28.9
277 25.5 19.8 29.8

