

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032744.D
 Acq On : 16 Jul 2024 17:05
 Operator : MA/JU
 Sample : P3087-23DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 17:34:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	4125	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	14052	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.198	164	7228	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	13419	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	12415	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	15967	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3375	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	665	0.031	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	1310	0.032	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	1090	0.029	ng/ul#	71
7) 2-Methylnaphthalene	12.021	142	490	0.021	ng/ul	93
10) Acenaphthylene	13.920	152	2171	0.074	ng/ul#	89
12) Fluorene	15.262	166	580	0.021	ng/ul#	91
15) Phenanthrene	16.999	178	10245	0.280	ng/ul	99
16) Anthracene	17.096	178	2917	0.098	ng/ul#	87
19) Fluoranthene	19.027	202	23694	0.469	ng/ul	99
20) Pyrene	19.394	202	18599	0.356	ng/ul	99
21) Benzo(a)anthracene	21.162	228	14385	0.364	ng/ul	94
22) Chrysene	21.212	228	14027	0.245	ng/ul	95
24) Benzo(b)fluoranthene	22.716	252	21976m	0.390	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	10280m	0.150	ng/ul	
26) Benzo(a)pyrene	23.278	252	8131	0.167	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.589	276	10141	0.154	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.589	278	4437	0.087	ng/ul#	50
29) Benzo(g,h,i)perylene	26.270	276	3238	0.059	ng/ul#	63

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

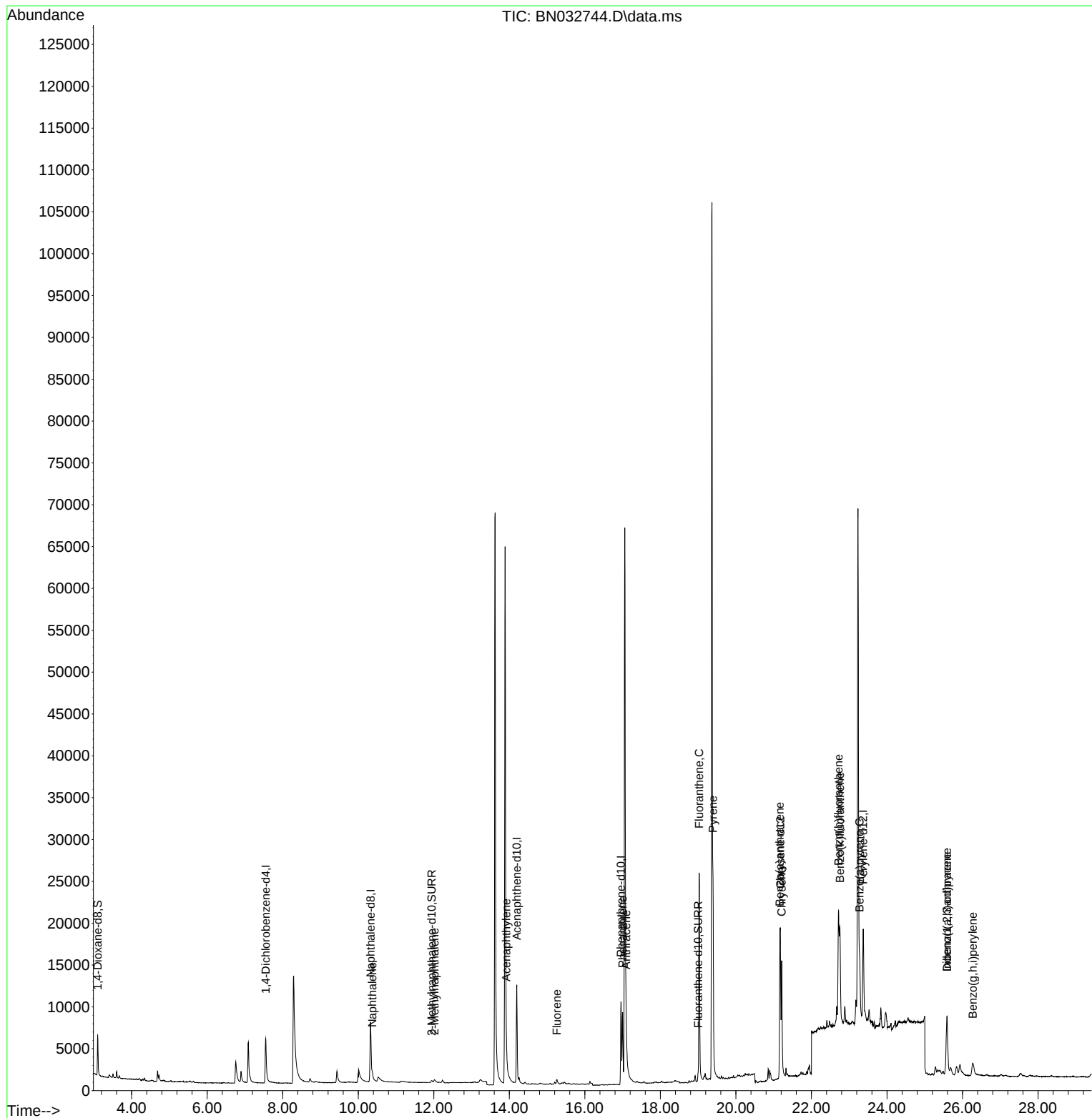
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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ALS Vial : 14 Sample Multiplier: 1

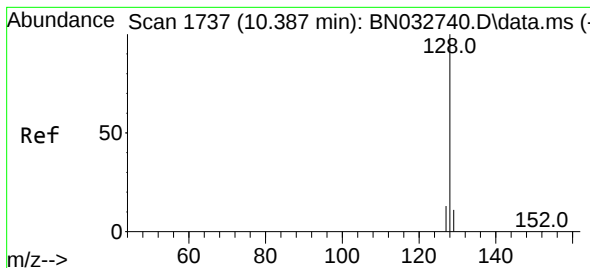
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Quant Time: Jul 16 17:34:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.029 ng/ul

RT: 10.376 min Scan# 1735

Delta R.T. -0.033 min

Lab File: BN032744.D

Acq: 16 Jul 2024 17:05

Instrument :

BNA_N

ClientSampleId :

A4CZ5DL

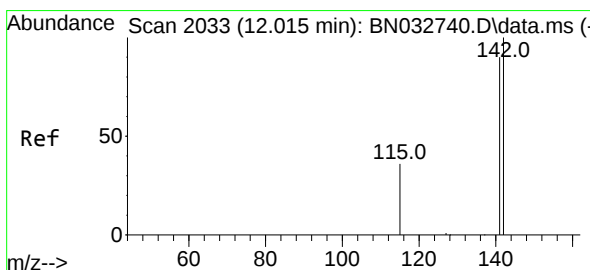
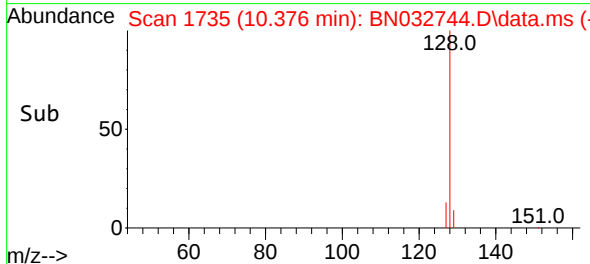
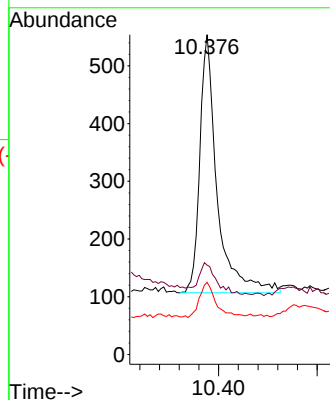
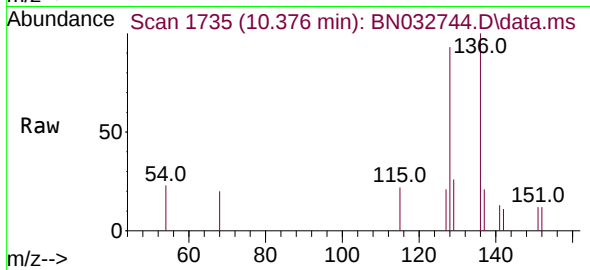
Tgt Ion:128	Resp:	1090
Ion Ratio	Lower	Upper
128	100	
129	28.0	10.0 15.0
127	22.6	11.6 17.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

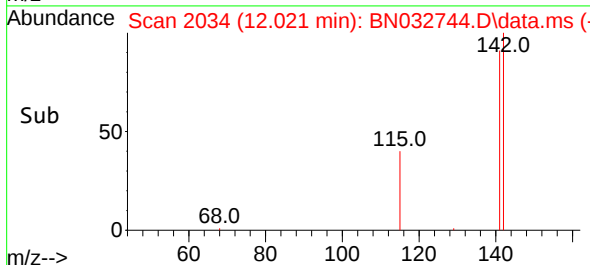
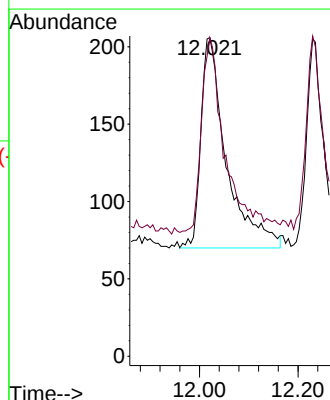
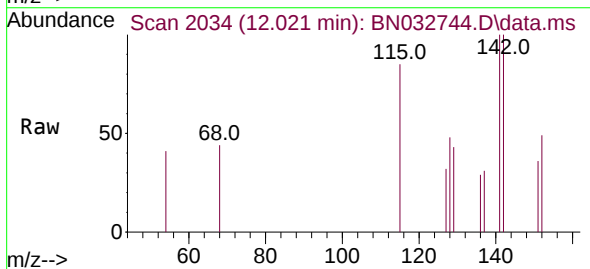
RT: 12.021 min Scan# 2034

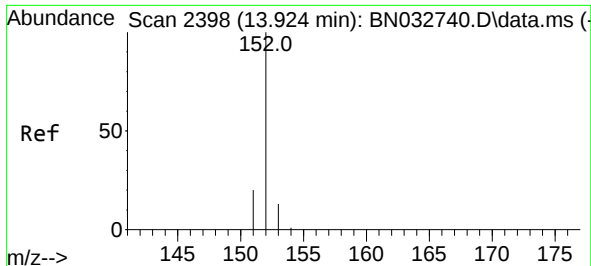
Delta R.T. -0.027 min

Lab File: BN032744.D

Acq: 16 Jul 2024 17:05

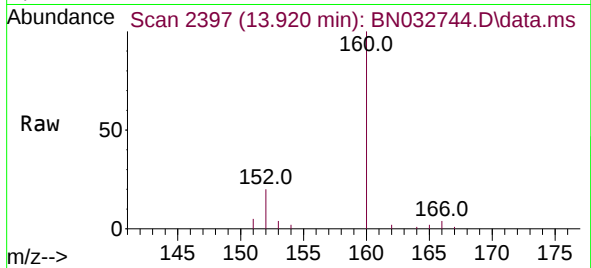
Tgt Ion:142	Resp:	490
Ion Ratio	Lower	Upper
142	100	
141	86.1	74.0 111.0





#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 13.920 min Scan# 217
Delta R.T. -0.023 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

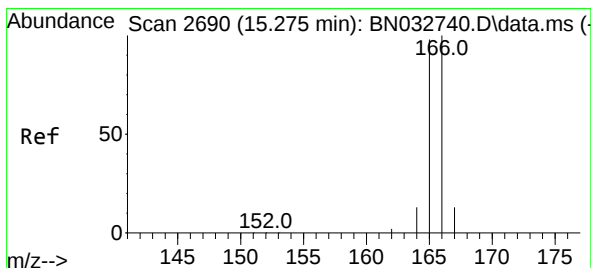
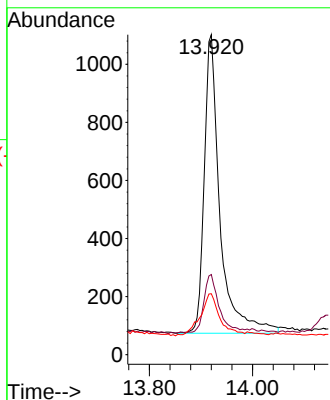
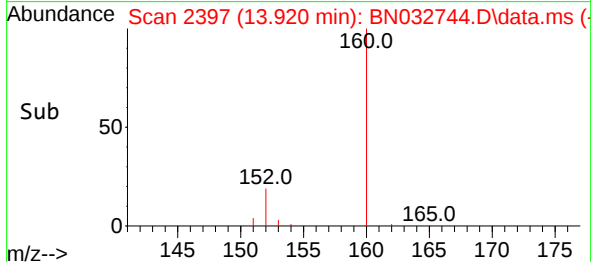
Instrument :
BNA_N
ClientSampleId :
A4CZ5DL



Tgt Ion:152 Resp: 217
Ion Ratio Lower Upper
152 100
151 25.0 16.3 24.5
153 19.1 11.3 16.9

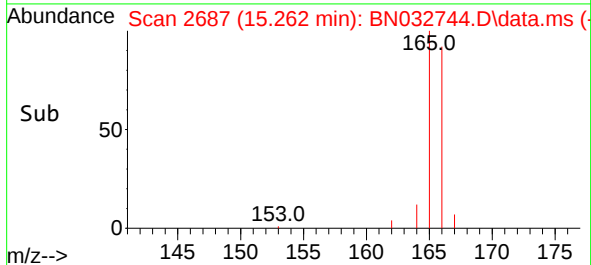
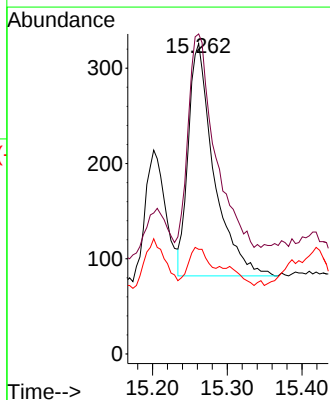
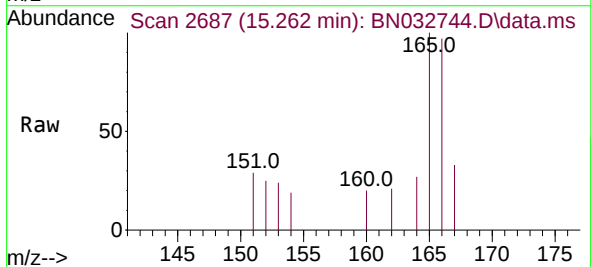
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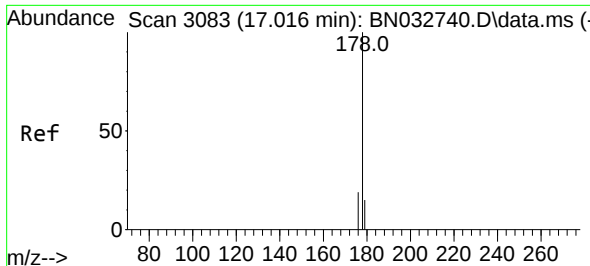
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

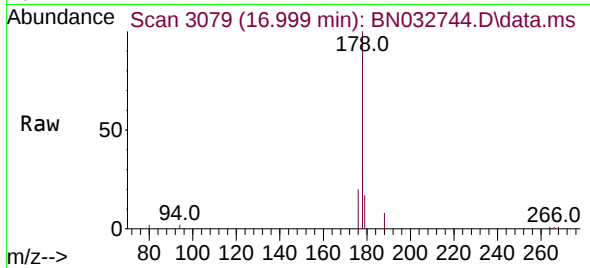
Tgt Ion:166 Resp: 580
Ion Ratio Lower Upper
166 100
165 103.1 79.7 119.5
167 33.7 11.4 17.2





#15
Phenanthrene
Concen: 0.280 ng/u1
RT: 16.999 min Scan# 3083
Delta R.T. -0.029 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

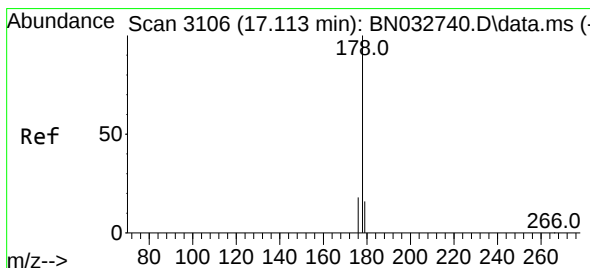
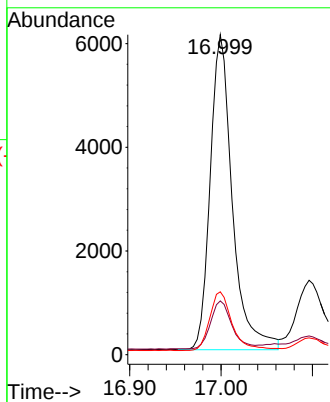
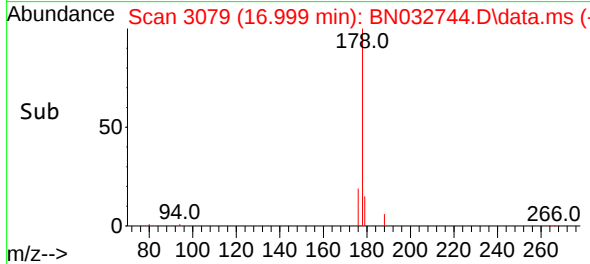
Instrument :
BNA_N
ClientSampleId :
A4CZ5DL



Tgt Ion:178 Resp: 10245
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 19.6 15.6 23.4

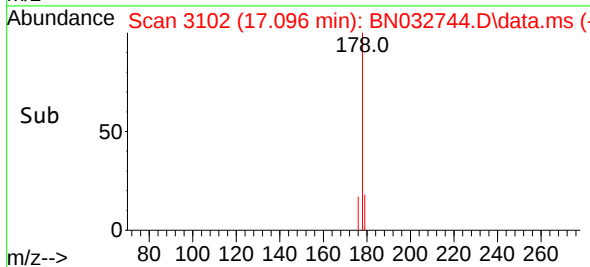
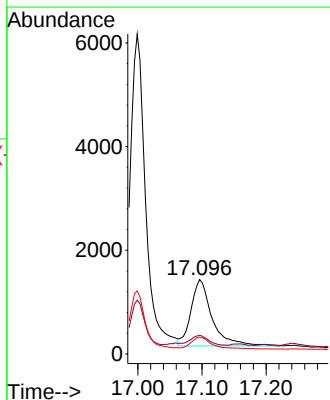
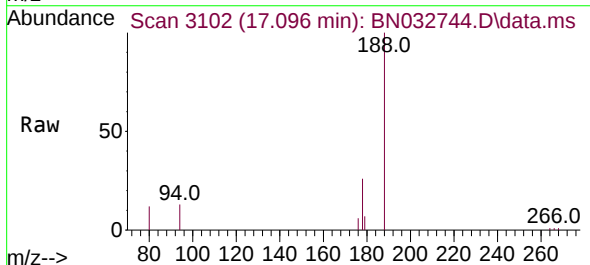
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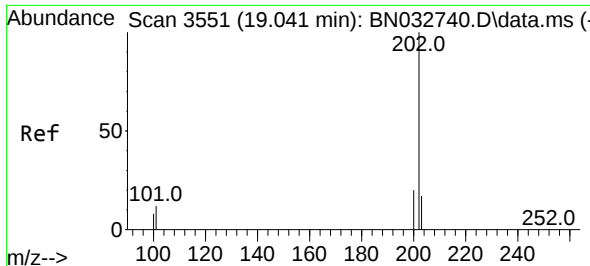
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.098 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

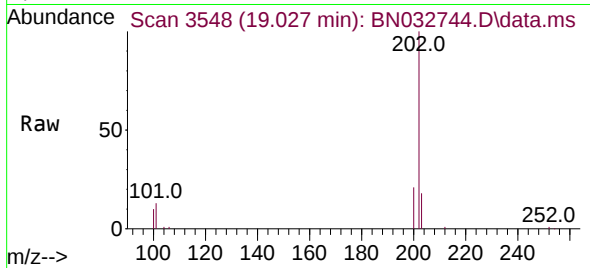
Tgt Ion:178 Resp: 2917
Ion Ratio Lower Upper
178 100
179 25.1 13.4 20.2#
176 22.6 15.4 23.0





#19
Fluoranthene
Concen: 0.469 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

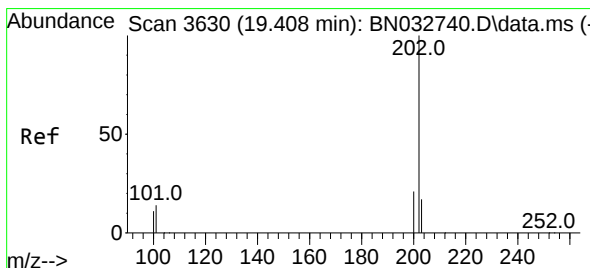
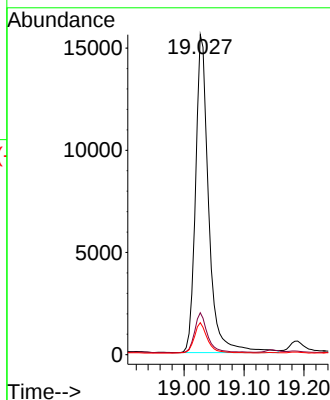
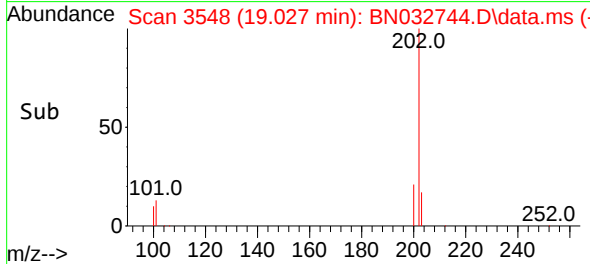
Instrument :
BNA_N
ClientSampleId :
A4CZ5DL



Tgt Ion:202 Resp: 23694
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.8
100 10.0 7.9 11.9

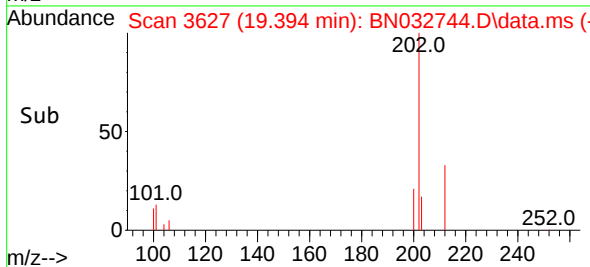
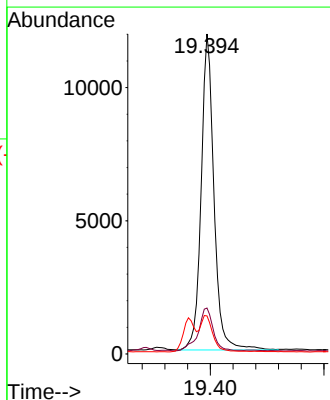
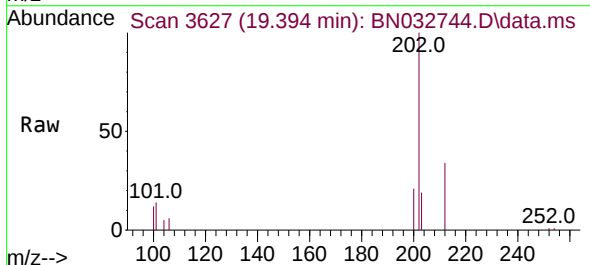
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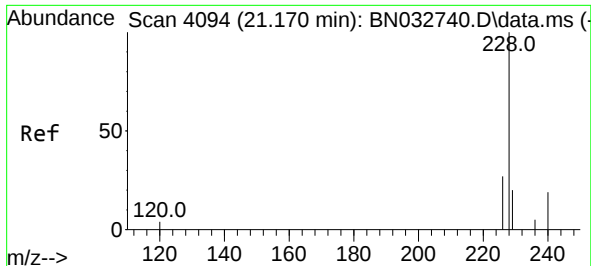
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.356 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

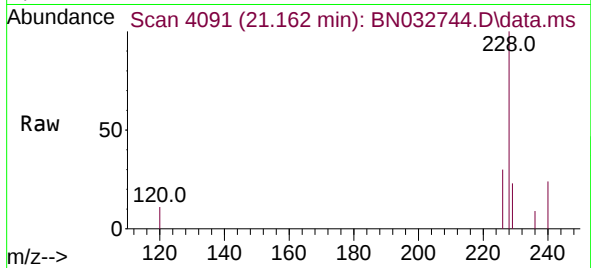
Tgt Ion:202 Resp: 18599
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.364 ng/u1
RT: 21.162 min Scan# 4108
Delta R.T. -0.020 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

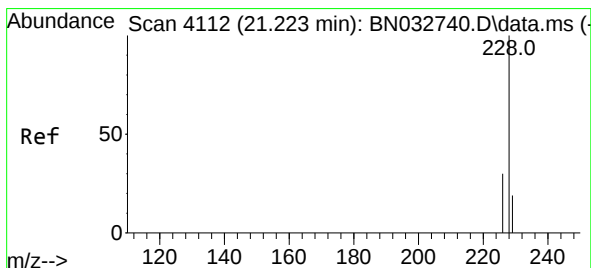
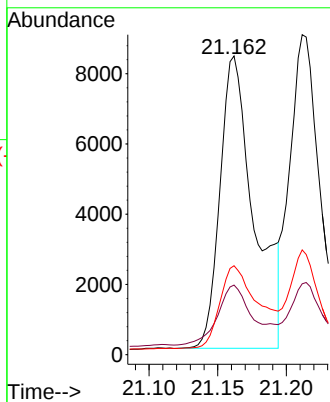
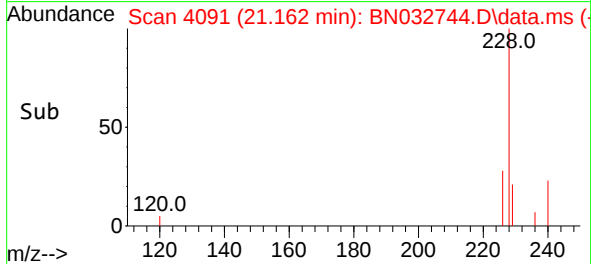
Instrument :
BNA_N
ClientSampleId :
A4CZ5DL



Tgt Ion:228 Resp: 14385
Ion Ratio Lower Upper
228 100
229 23.3 16.1 24.1
226 29.8 21.9 32.9

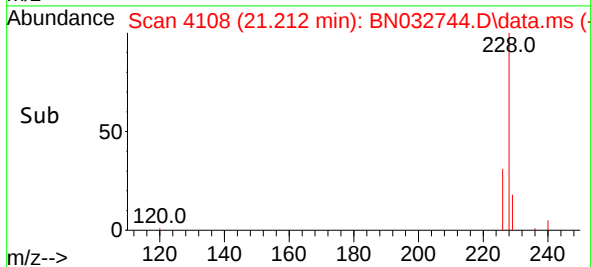
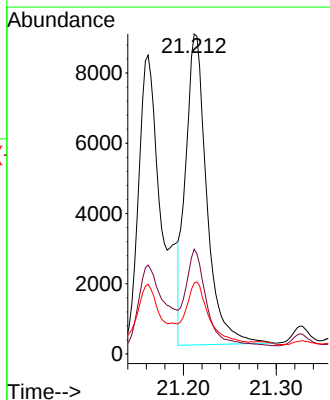
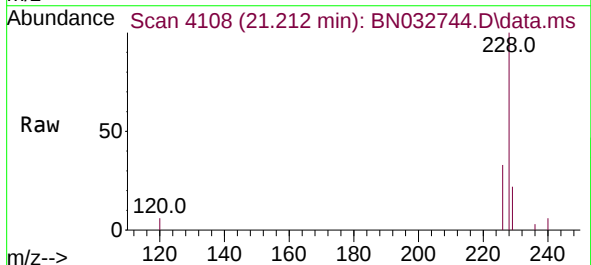
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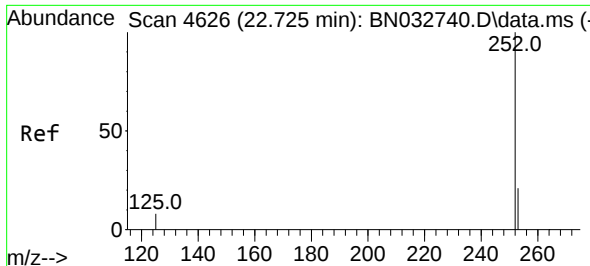
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.245 ng/u1
RT: 21.212 min Scan# 4108
Delta R.T. -0.020 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

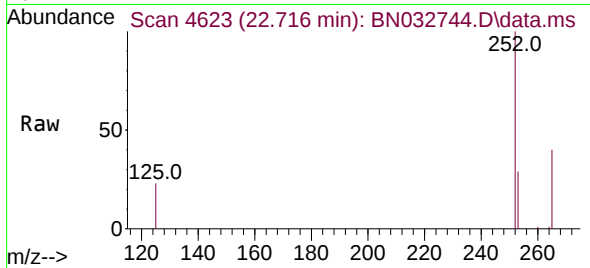
Tgt Ion:228 Resp: 14027
Ion Ratio Lower Upper
228 100
226 32.7 24.0 36.0
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. -0.017 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

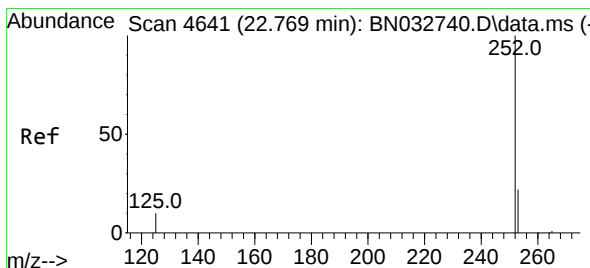
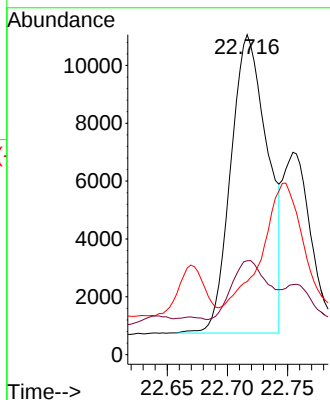
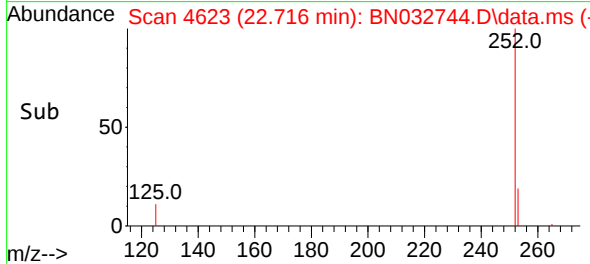
Instrument :
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ClientSampleId :
A4CZ5DL



Tgt Ion:252 Resp: 21970
Ion Ratio Lower Upper
252 100
253 29.4 0.0 54.0
125 22.8 0.0 36.0

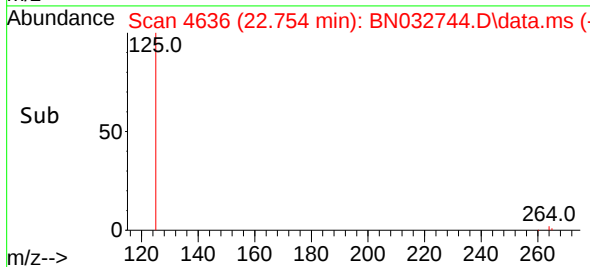
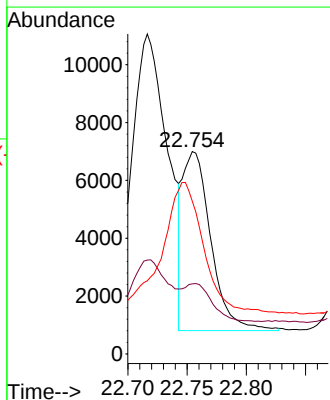
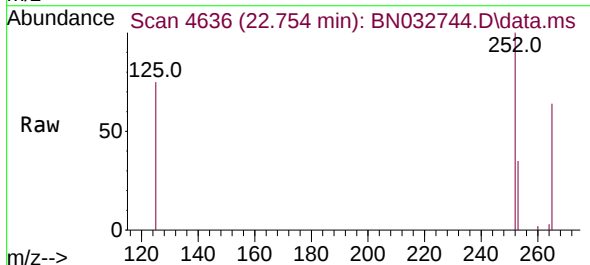
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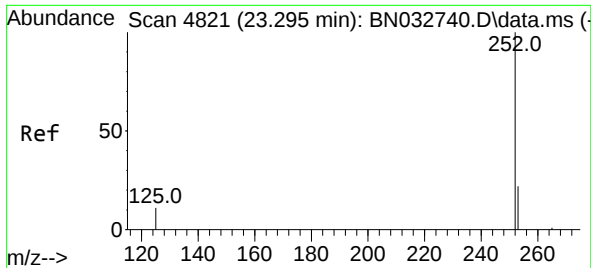
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.150 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.023 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

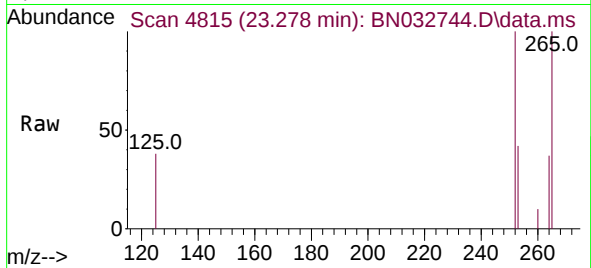
Tgt Ion:252 Resp: 10280
Ion Ratio Lower Upper
252 100
253 34.6 21.2 31.8#
125 75.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

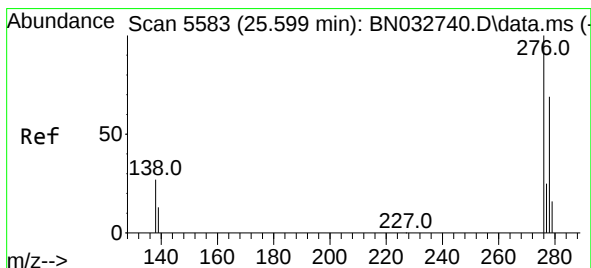
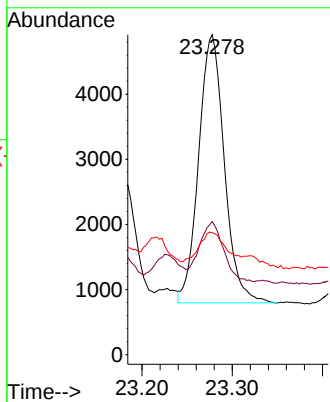
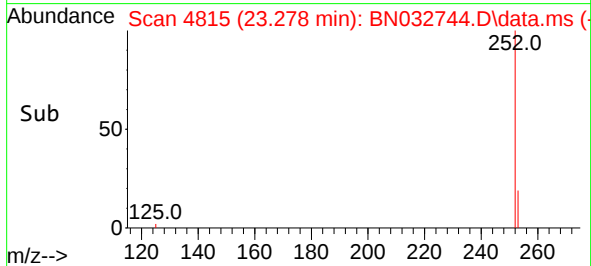
Instrument :
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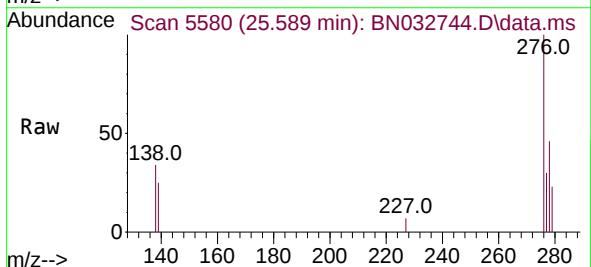
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Ion Ratio Lower Upper
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253 41.6 25.4 38.0#
125 38.1 20.6 30.8#

Manual Integrations
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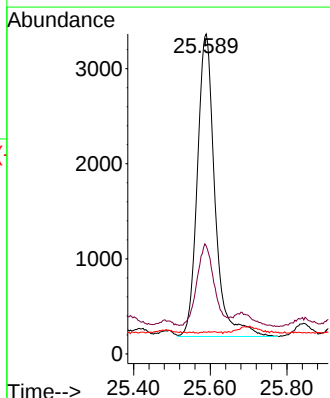
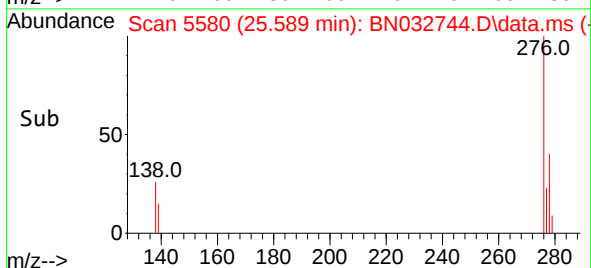
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

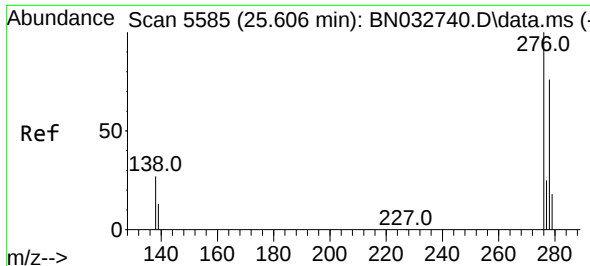


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.589 min Scan# 5580
Delta R.T. -0.037 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05



Tgt Ion:276 Resp: 10141
Ion Ratio Lower Upper
276 100
138 0.0 21.6 32.4#
227 0.2 0.0 0.0#





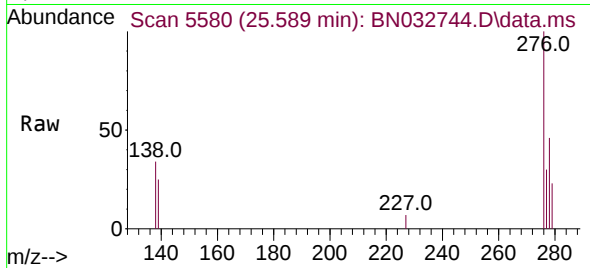
#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 25.589 min Scan# 5585
Delta R.T. -0.050 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05

Instrument :

BNA_N

ClientSampleId :

A4CZ5DL



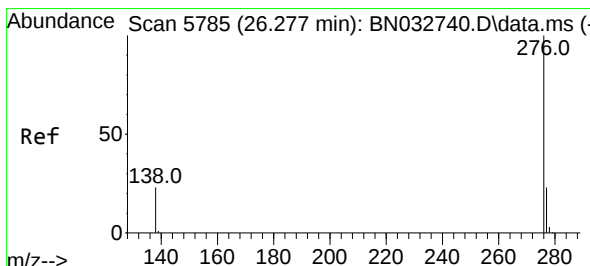
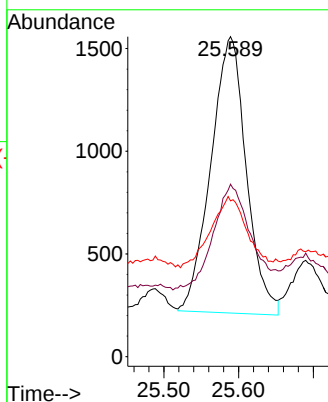
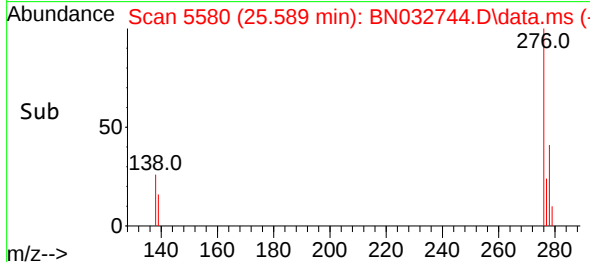
Tgt Ion:278 Resp: 443
Ion Ratio Lower Upper
278 100
139 53.9 16.6 24.8#
279 48.7 23.7 35.5#

Manual Integrations

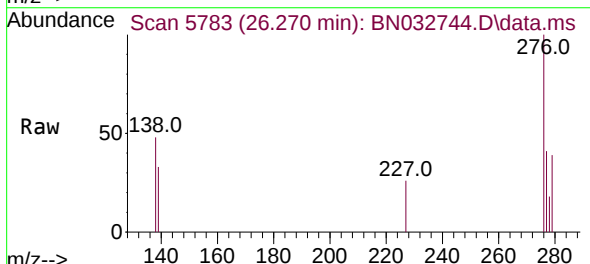
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.270 min Scan# 5783
Delta R.T. -0.030 min
Lab File: BN032744.D
Acq: 16 Jul 2024 17:05



Tgt Ion:276 Resp: 3238
Ion Ratio Lower Upper
276 100
138 48.0 21.0 31.4#
277 41.3 20.6 31.0#

