

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032747.D
 Acq On : 16 Jul 2024 18:54
 Operator : MA/JU
 Sample : P3035-14DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 23:54:39 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	7.548	152	5224	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.320	136	15114	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.196	164	6619	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.956	188	14741	0.400	ng/ul	-0.04
17) Chrysene-d12	21.172	240	13722	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	15381m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4311	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	904	0.040	ng/ul	-0.03
18) Fluoranthene-d10	18.998	212	1871	0.042	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	1857	0.046	ng/ul#	83
10) Acenaphthylene	13.914	152	2133	0.080	ng/ul#	90
11) Acenaphthene	14.261	153	1330	0.060	ng/ul	98
12) Fluorene	15.260	166	1545	0.061	ng/ul#	98
15) Phenanthrene	16.998	178	34054	0.848	ng/ul	99
16) Anthracene	17.091	178	7329	0.223	ng/ul#	94
19) Fluoranthene	19.025	202	72601	1.301	ng/ul	99
20) Pyrene	19.393	202	55473	0.961	ng/ul	98
21) Benzo(a)anthracene	21.158	228	38314	0.877	ng/ul	97
22) Chrysene	21.207	228	34678	0.549	ng/ul	96
24) Benzo(b)fluoranthene	22.712	252	52154m	0.961	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	20350m	0.308	ng/ul	
26) Benzo(a)pyrene	23.270	252	20452	0.435	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.581	276	20027	0.315	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.578	278	6158	0.125	ng/ul#	66
29) Benzo(g,h,i)perylene	26.262	276	2876	0.054	ng/ul#	56

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

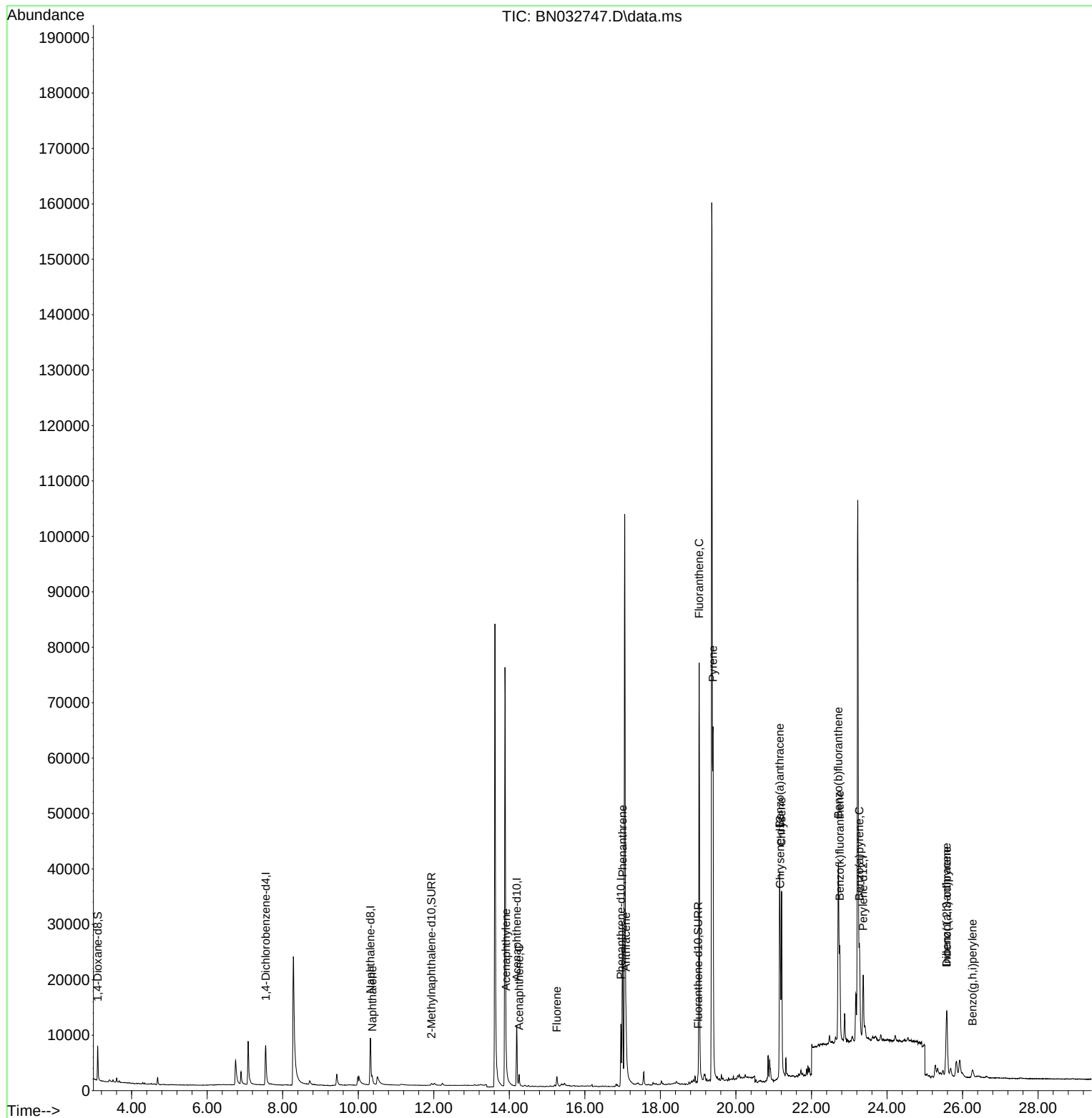
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032747.D
Acq On : 16 Jul 2024 18:54
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Sample : P3035-14DL 5X
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ALS Vial : 17 Sample Multiplier: 1

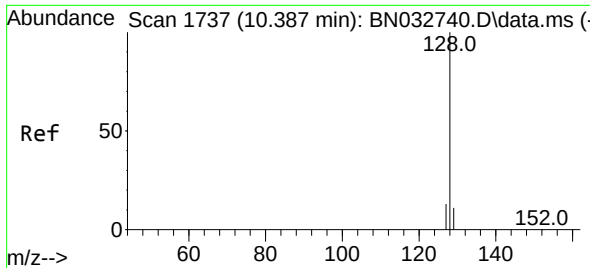
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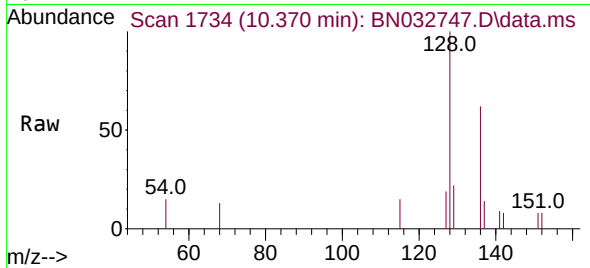
Quant Time: Jul 16 23:54:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/u1
RT: 10.370 min Scan# 1734
Delta R.T. -0.040 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

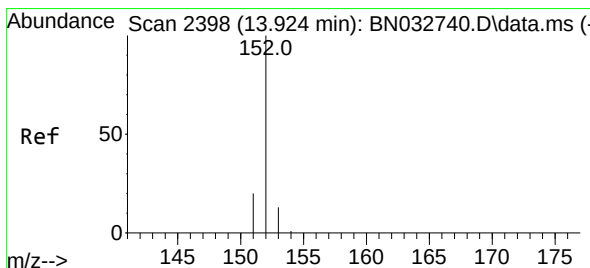
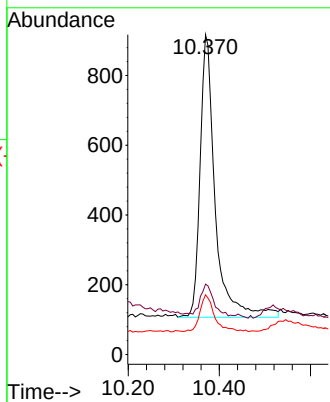
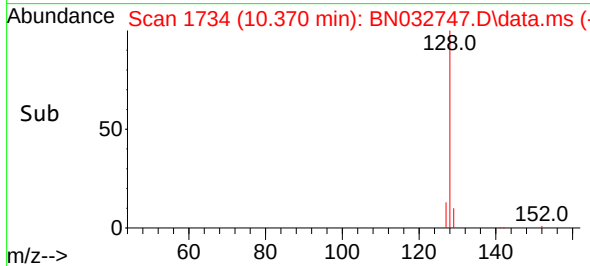
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 22.0 10.0 15.0
127 18.6 11.6 17.4

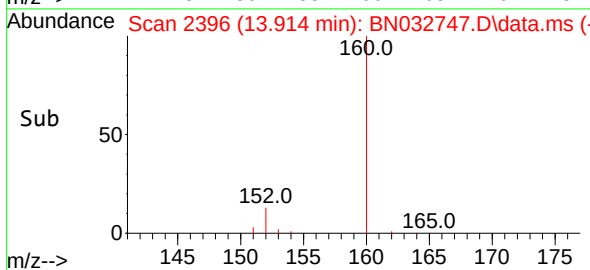
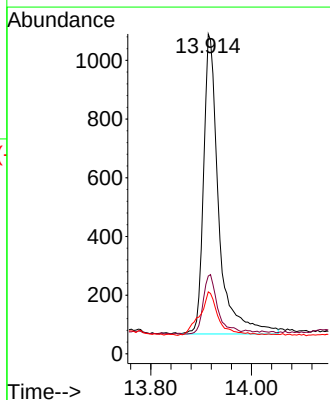
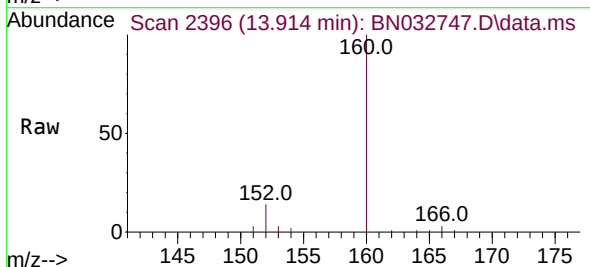
Manual Integrations
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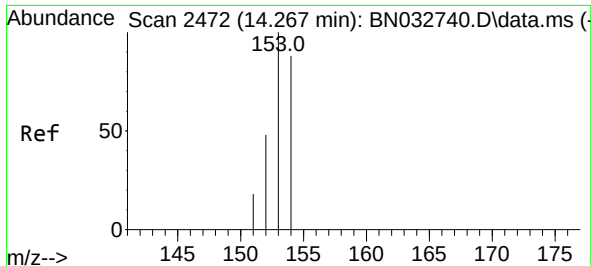
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.080 ng/u1
RT: 13.914 min Scan# 2396
Delta R.T. -0.029 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

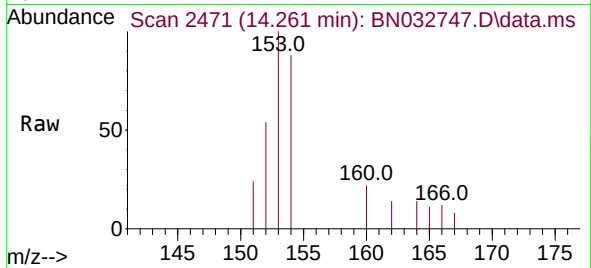
Tgt Ion:152 Resp: 2133
Ion Ratio Lower Upper
152 100
151 24.3 16.3 24.5
153 19.4 11.3 16.9





#11
Acenaphthene
Concen: 0.060 ng/u1
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

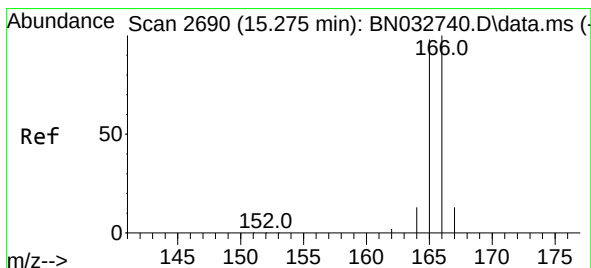
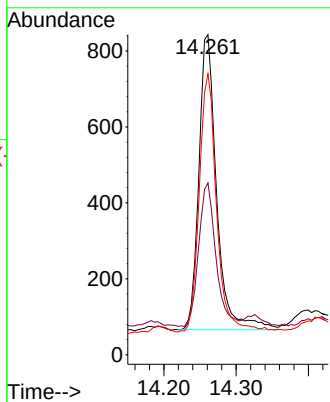
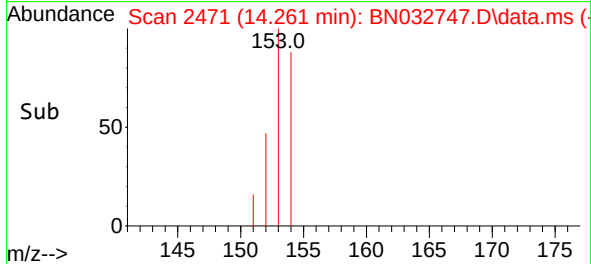
Instrument :
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ClientSampleId :
A4CW9DL



Tgt Ion:153 Resp: 1330
Ion Ratio Lower Upper
153 100
152 53.7 40.0 60.0
154 87.8 70.2 105.4

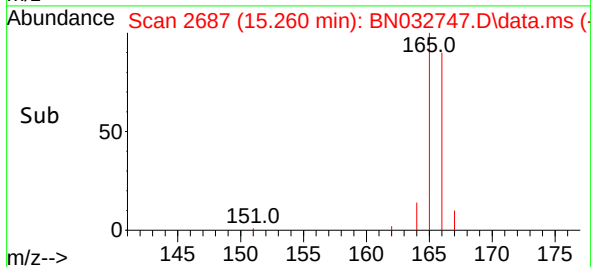
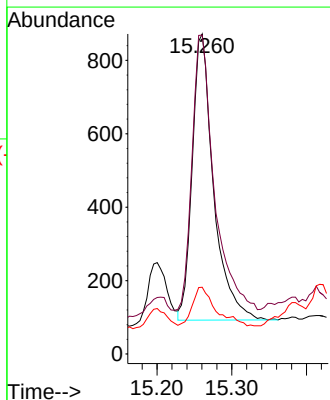
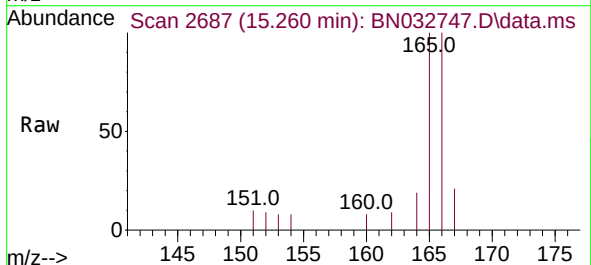
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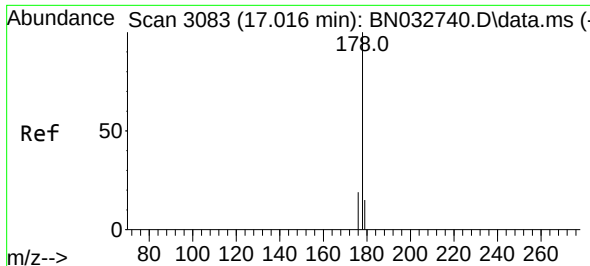
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.061 ng/u1
RT: 15.260 min Scan# 2687
Delta R.T. -0.029 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

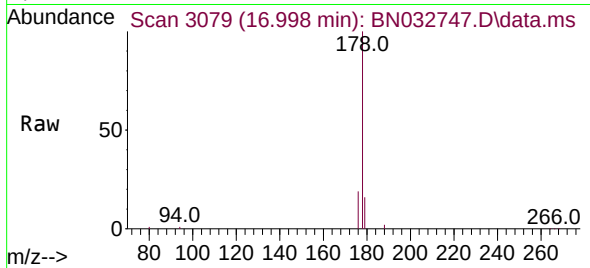
Tgt Ion:166 Resp: 1545
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 20.9 11.4 17.2#





#15
Phenanthrene
Concen: 0.848 ng/u1
RT: 16.998 min Scan# 3083
Delta R.T. -0.031 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

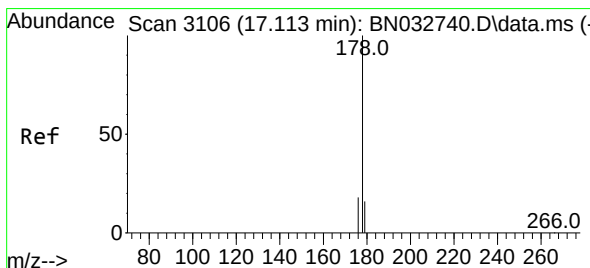
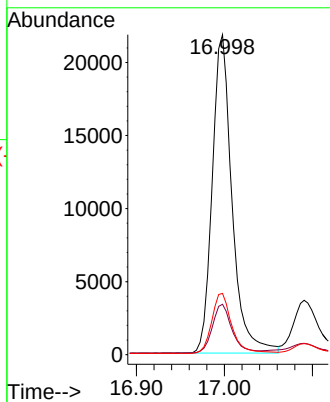
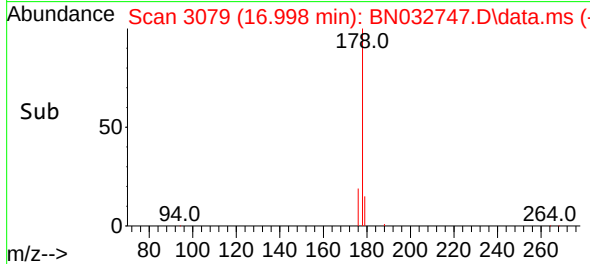
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



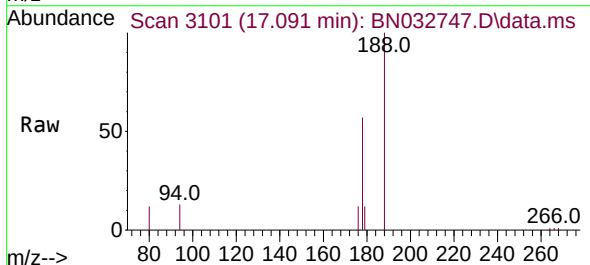
Tgt Ion:178 Resp: 34054
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.1 15.6 23.4

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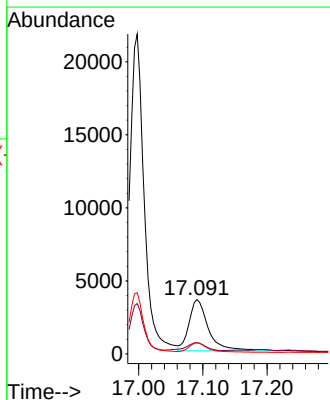
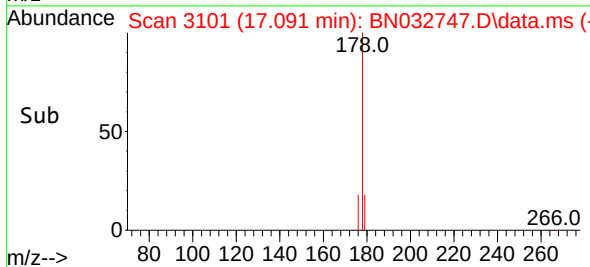
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

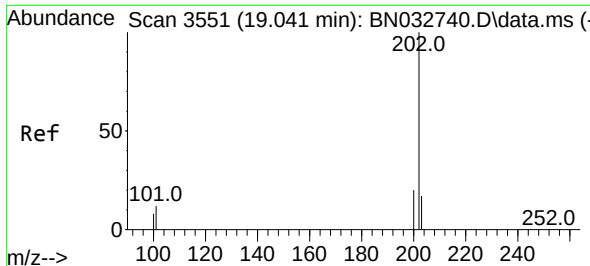


#16
Anthracene
Concen: 0.223 ng/u1
RT: 17.091 min Scan# 3101
Delta R.T. -0.048 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54



Tgt Ion:178 Resp: 7329
Ion Ratio Lower Upper
178 100
179 20.9 13.4 20.2#
176 20.3 15.4 23.0





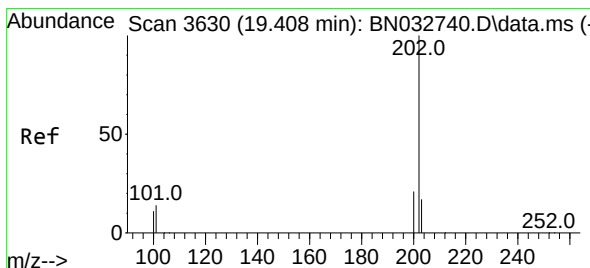
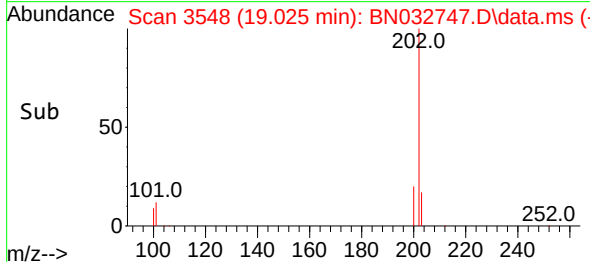
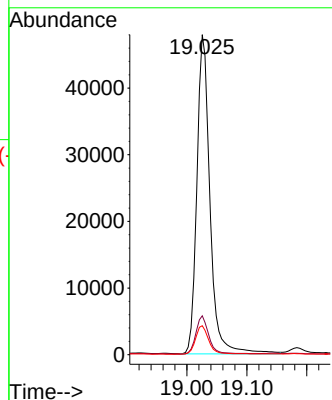
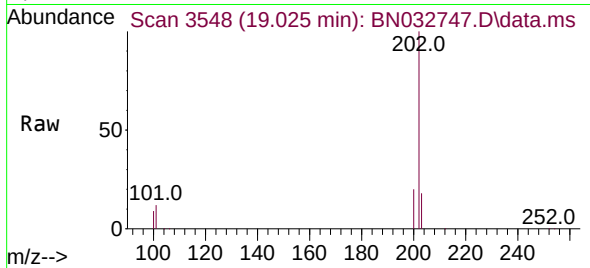
#19
Fluoranthene
Concen: 1.301 ng/u1
RT: 19.025 min Scan# 3548
Delta R.T. -0.029 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

Instrument :
BNA_N
ClientSampleId :
A4CW9DL

Tgt Ion:202 Resp: 7260
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
100 9.0 7.9 11.9

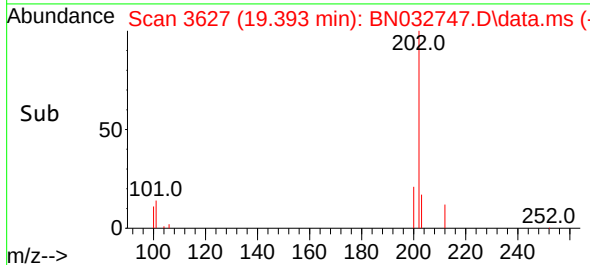
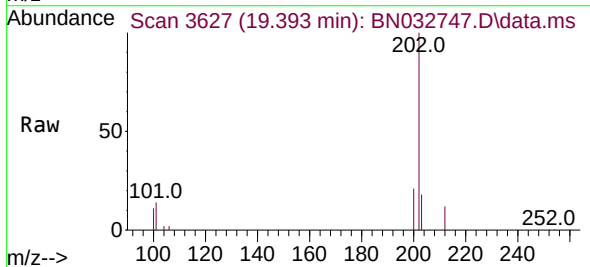
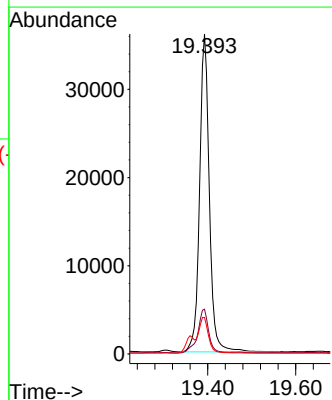
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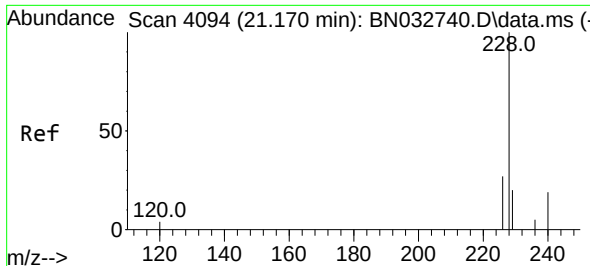
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.961 ng/u1
RT: 19.393 min Scan# 3627
Delta R.T. -0.029 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

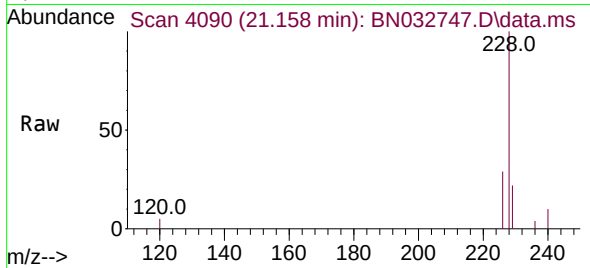
Tgt Ion:202 Resp: 55473
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.877 ng/ul
RT: 21.158 min Scan# 4090
Delta R.T. -0.025 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

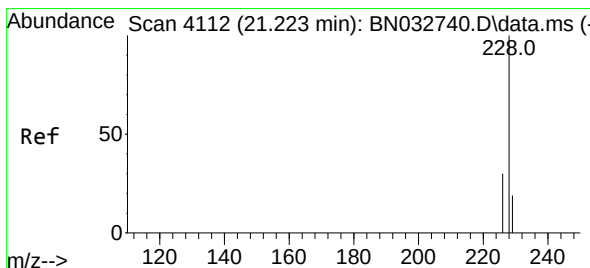
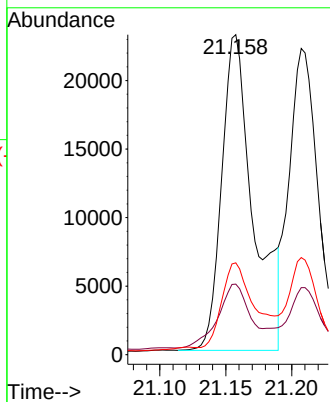
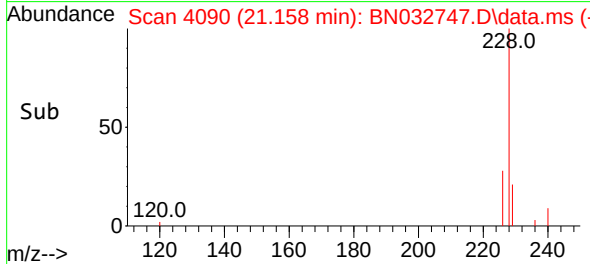
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



Tgt Ion:228 Resp: 38314
Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 28.7 21.9 32.9

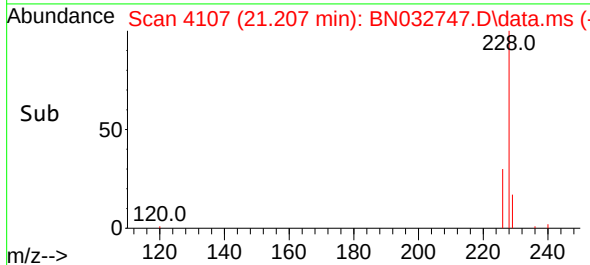
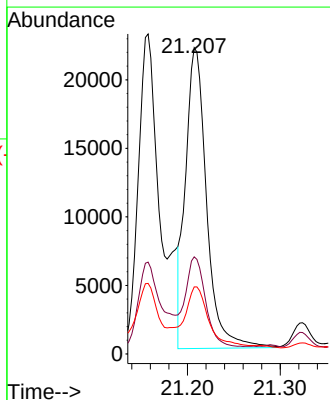
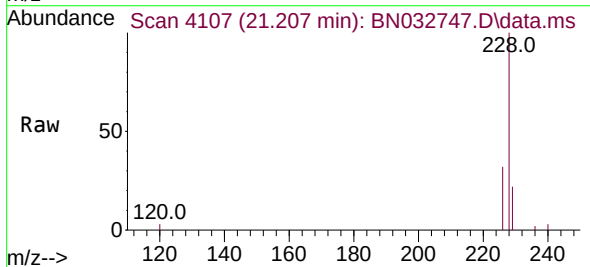
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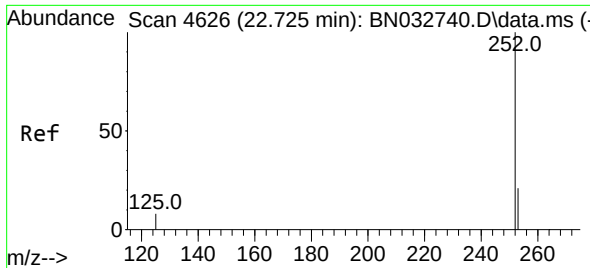
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.549 ng/ul
RT: 21.207 min Scan# 4107
Delta R.T. -0.025 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

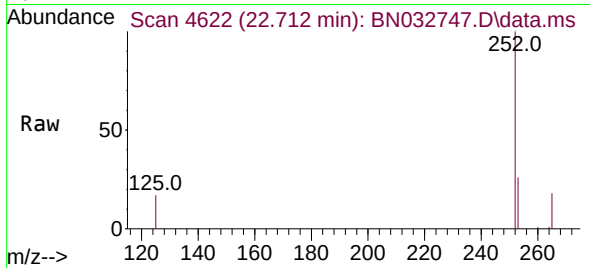
Tgt Ion:228 Resp: 34678
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.961 ng/ul m
RT: 22.712 min Scan# 4622
Delta R.T. -0.022 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

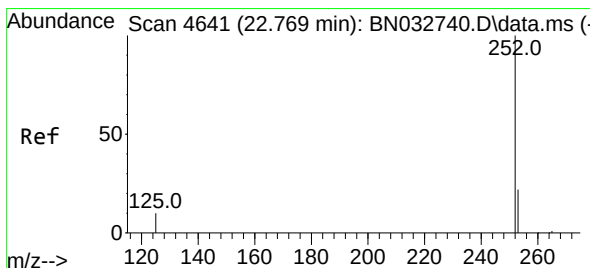
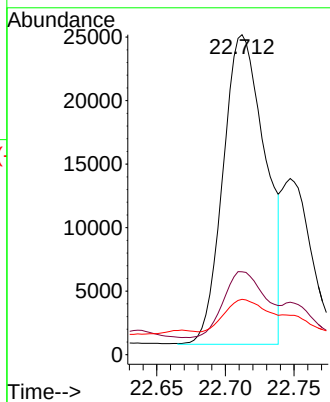
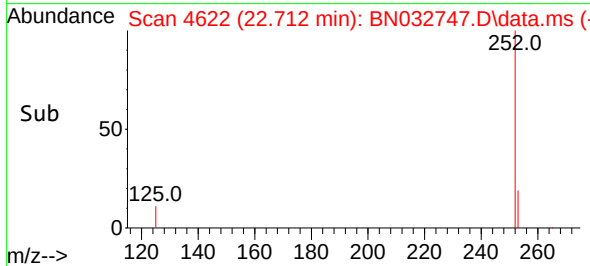
Instrument :
BNA_N
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A4CW9DL



Tgt Ion:252 Resp: 52154
Ion Ratio Lower Upper
252 100
253 25.9 0.0 54.0
125 17.3 0.0 36.0

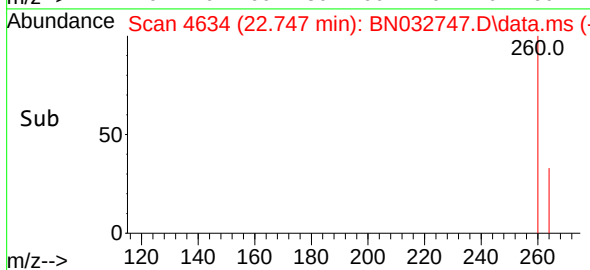
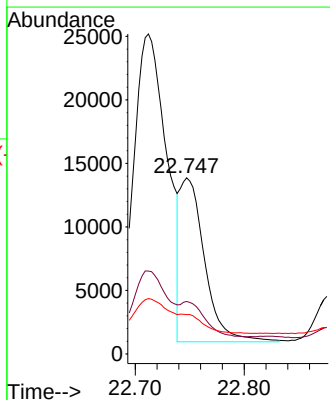
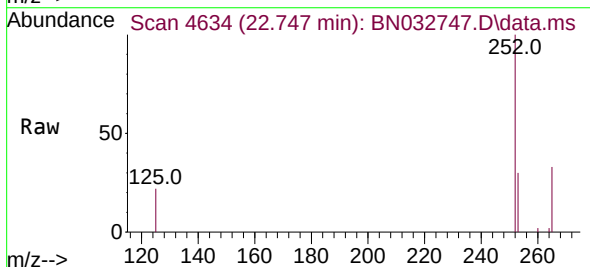
Manual Integrations
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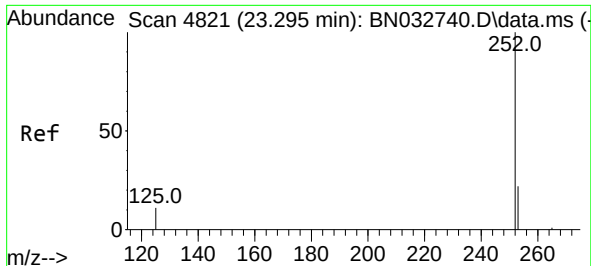
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul m
RT: 22.747 min Scan# 4634
Delta R.T. -0.031 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

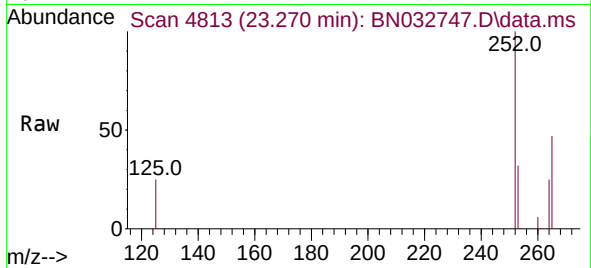
Tgt Ion:252 Resp: 20350
Ion Ratio Lower Upper
252 100
253 29.8 21.2 31.8
125 22.3 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.270 min Scan# 4813
Delta R.T. -0.039 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

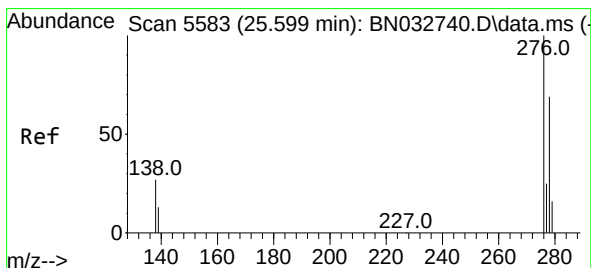
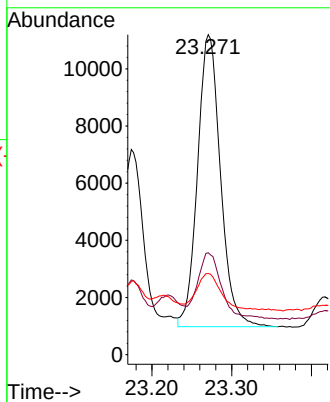
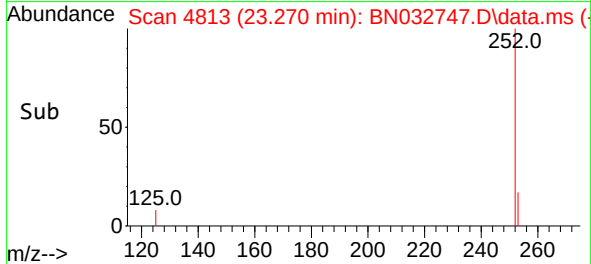
Instrument :
BNA_N
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A4CW9DL



Tgt Ion:252 Resp: 2045
Ion Ratio Lower Upper
252 100
253 31.9 25.4 38.0
125 25.4 20.6 30.8

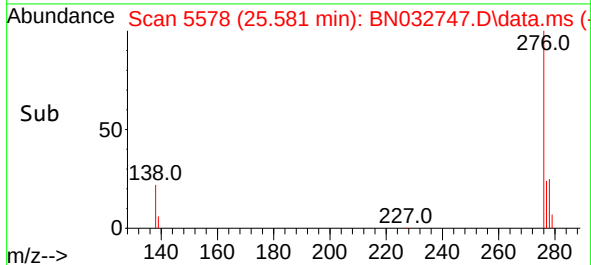
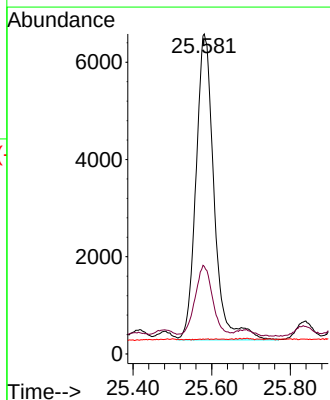
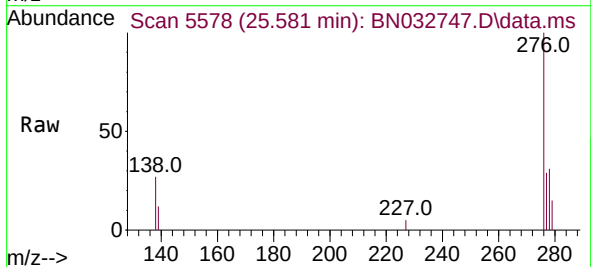
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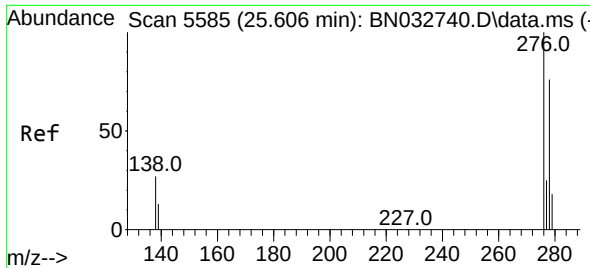
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. -0.045 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

Tgt Ion:276 Resp: 20027
Ion Ratio Lower Upper
276 100
138 21.7 21.6 32.4
227 0.1 0.0 0.0#





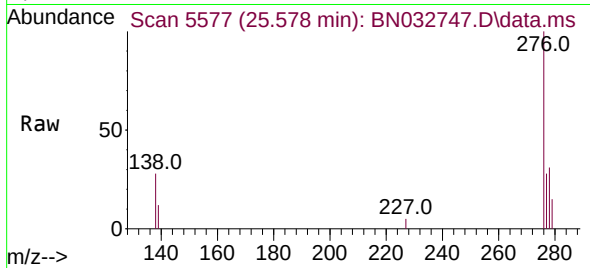
#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 25.578 min Scan# 51
Delta R.T. -0.062 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

Instrument :

BNA_N

ClientSampleId :

A4CW9DL



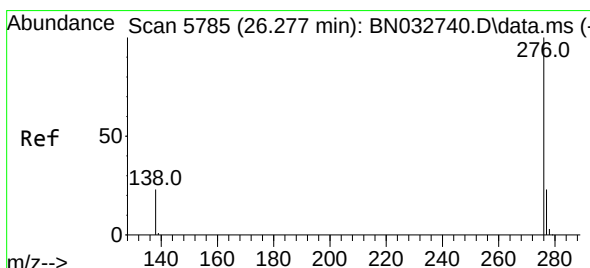
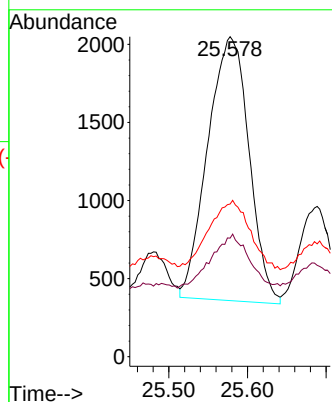
Tgt Ion:278 Resp: 6158
Ion Ratio Lower Upper
278 100
139 37.0 16.6 24.8#
279 47.7 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 26.262 min Scan# 5781
Delta R.T. -0.038 min
Lab File: BN032747.D
Acq: 16 Jul 2024 18:54

Tgt Ion:276 Resp: 2876
Ion Ratio Lower Upper
276 100
138 49.5 21.0 31.4#
277 47.8 20.6 31.0#

