

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032745.D
 Acq On : 16 Jul 2024 17:41
 Operator : MA/JU
 Sample : P3087-14DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 18:11:15 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	5082	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	14710	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	7586	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	13695	0.400	ng/ul	-0.03
17) Chrysene-d12	21.179	240	11576	0.400	ng/ul	-0.01
23) Perylene-d12	23.377	264	14028m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4413	0.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	925	0.042	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	1836	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	1514	0.038	ng/ul#	80
10) Acenaphthylene	13.920	152	2011	0.066	ng/ul#	89
11) Acenaphthene	14.262	153	1389	0.055	ng/ul	96
12) Fluorene	15.257	166	1670	0.058	ng/ul#	98
15) Phenanthrene	16.995	178	33822	0.907	ng/ul	99
16) Anthracene	17.092	178	6678	0.219	ng/ul#	93
19) Fluoranthene	19.031	202	72751	1.546	ng/ul	97
20) Pyrene	19.394	202	53667	1.102	ng/ul	100
21) Benzo(a)anthracene	21.165	228	32790	0.890	ng/ul	97
22) Chrysene	21.217	228	32390	0.608	ng/ul	97
24) Benzo(b)fluoranthene	22.719	252	54280m	1.097	ng/ul	
25) Benzo(k)fluoranthene	22.760	252	19604m	0.325	ng/ul	
26) Benzo(a)pyrene	23.281	252	18877	0.441	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.593	276	19314	0.333	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.586	278	5986	0.133	ng/ul#	72
29) Benzo(g,h,i)perylene	26.273	276	2625	0.054	ng/ul#	59

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

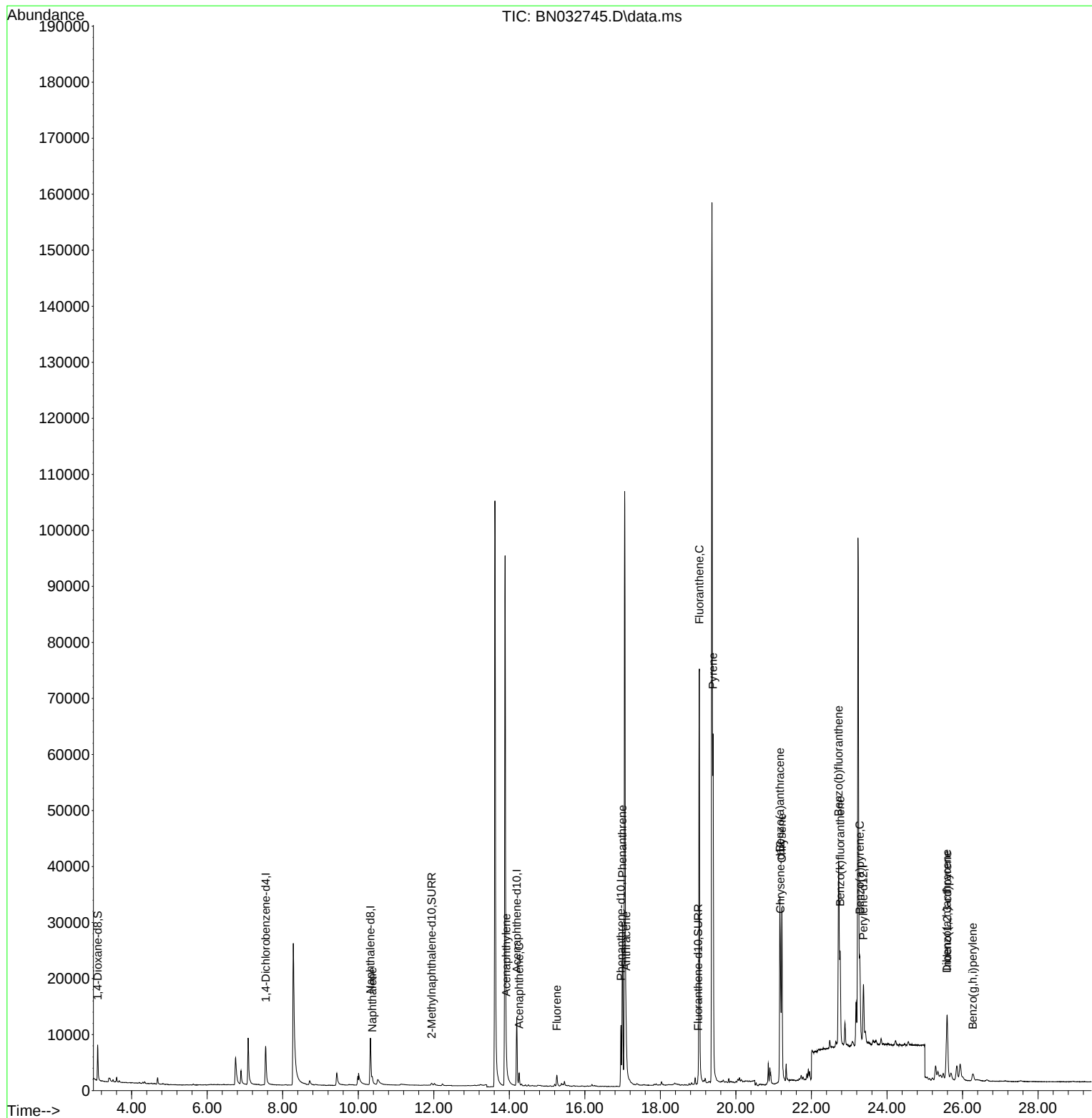
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032745.D
Acq On : 16 Jul 2024 17:41
Operator : MA/JU
Sample : P3087-14DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

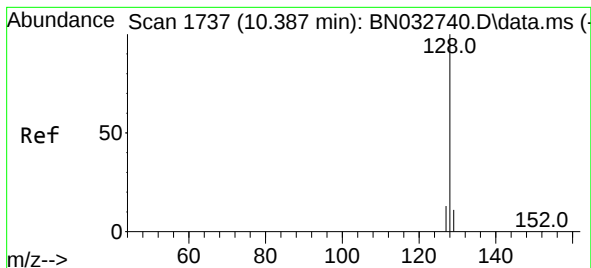
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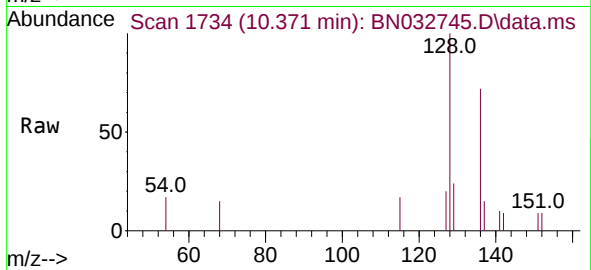
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/u1
RT: 10.371 min Scan# 1734
Delta R.T. -0.038 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

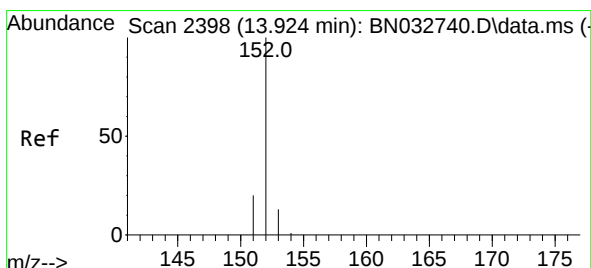
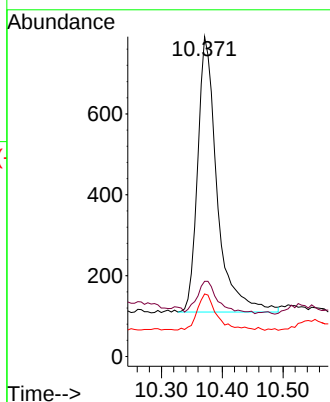
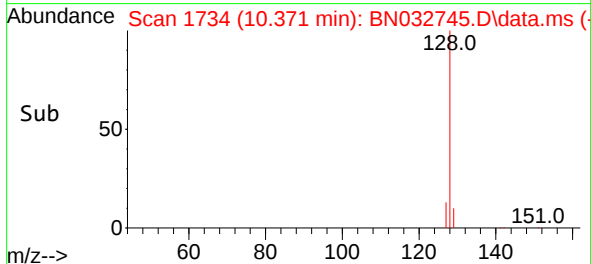
Instrument :
BNA_N
ClientSampleId :
A4BQ8DL



Tgt Ion:128 Resp: 1514
Ion Ratio Lower Upper
128 100
129 23.5 10.0 15.0#
127 19.6 11.6 17.4#

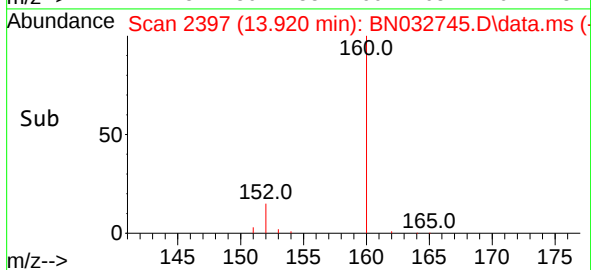
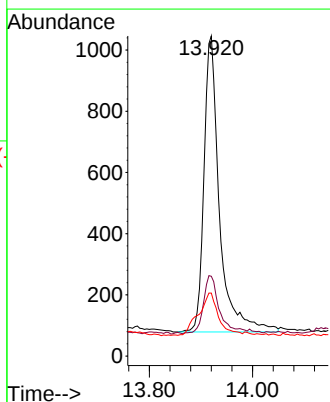
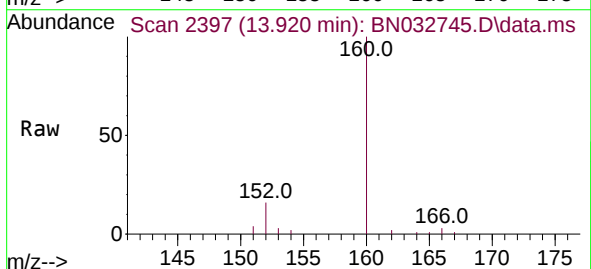
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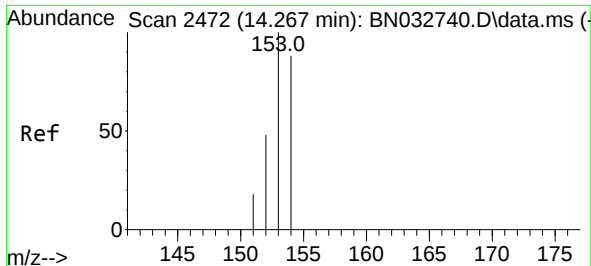
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.066 ng/u1
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

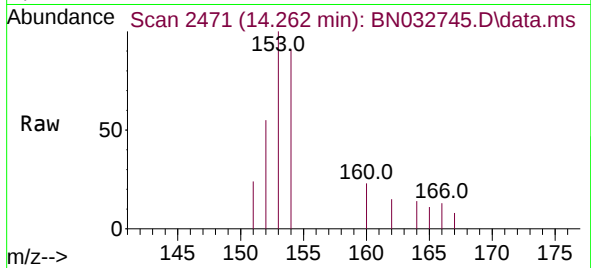
Tgt Ion:152 Resp: 2011
Ion Ratio Lower Upper
152 100
151 25.0 16.3 24.5#
153 19.7 11.3 16.9#





#11
Acenaphthene
Concen: 0.055 ng/u1
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

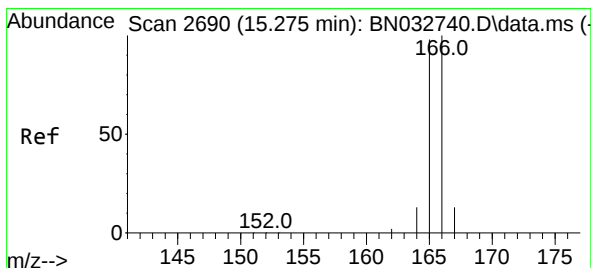
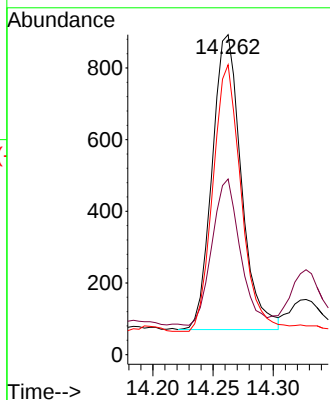
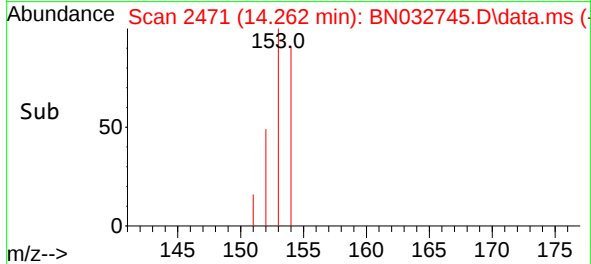
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ClientSampleId :
A4BQ8DL



Tgt Ion:153 Resp: 1389
Ion Ratio Lower Upper
153 100
152 54.9 40.0 60.0
154 90.6 70.2 105.4

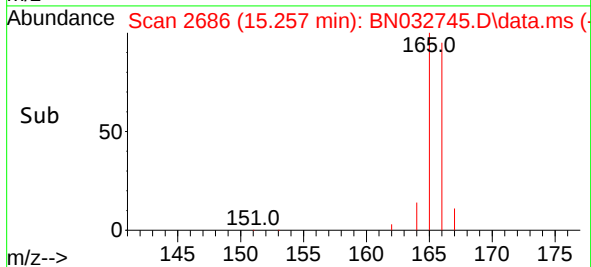
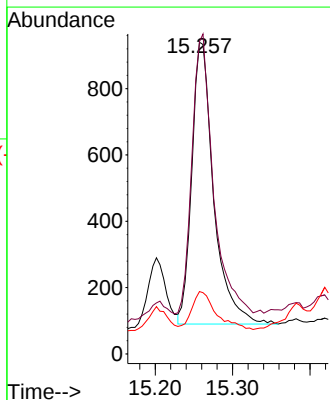
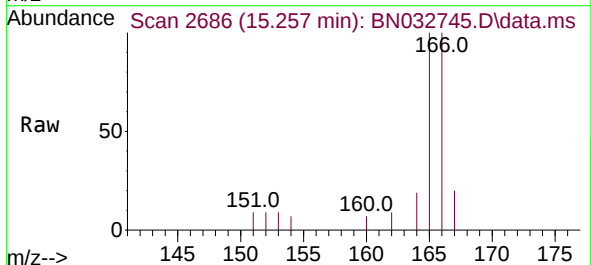
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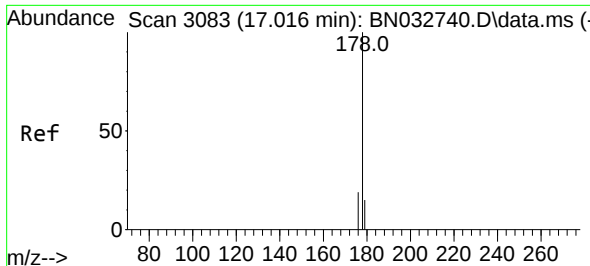
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

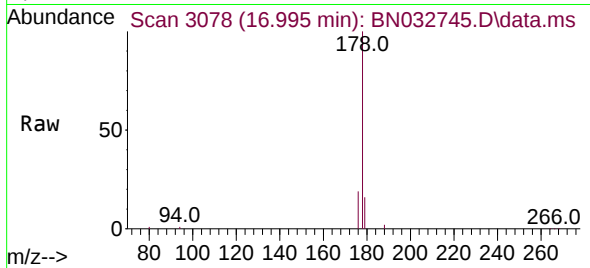
Tgt Ion:166 Resp: 1670
Ion Ratio Lower Upper
166 100
165 100.2 79.7 119.5
167 20.0 11.4 17.2#





#15
Phenanthrene
Concen: 0.907 ng/ul
RT: 16.995 min Scan# 3083
Delta R.T. -0.034 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

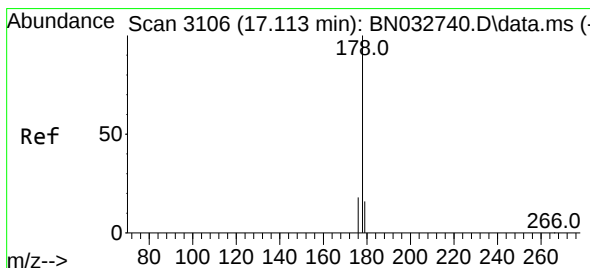
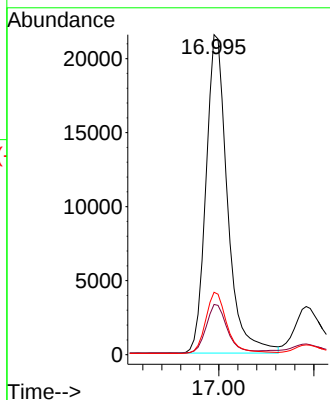
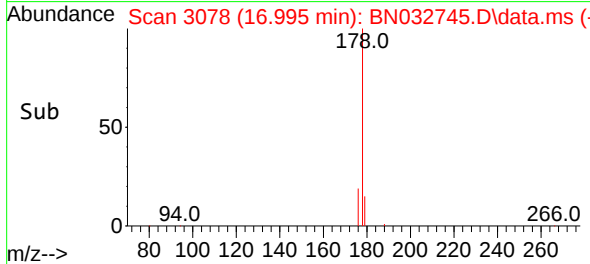
Instrument :
BNA_N
ClientSampleId :
A4BQ8DL



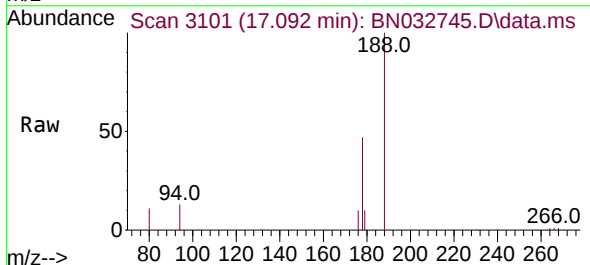
Tgt Ion:178 Resp: 3382
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.5 15.6 23.4

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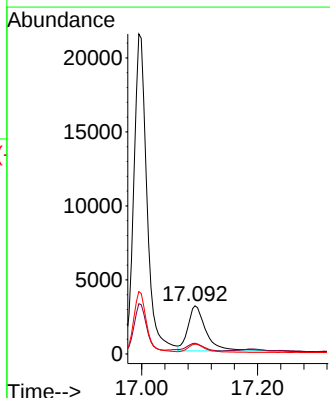
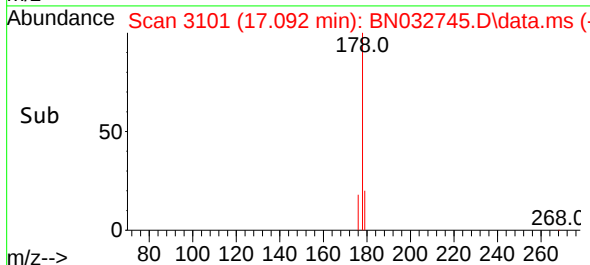
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

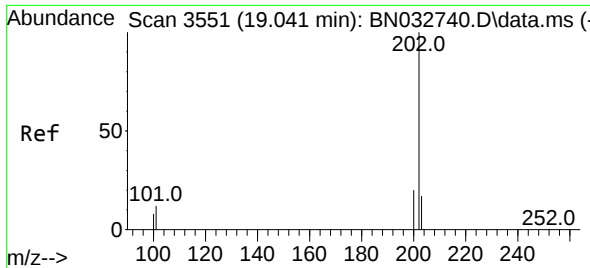


#16
Anthracene
Concen: 0.219 ng/ul
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41



Tgt Ion:178 Resp: 6678
Ion Ratio Lower Upper
178 100
179 22.4 13.4 20.2#
176 20.4 15.4 23.0





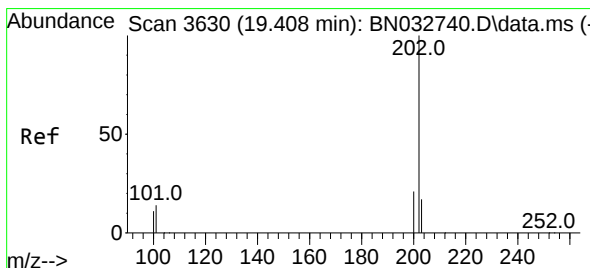
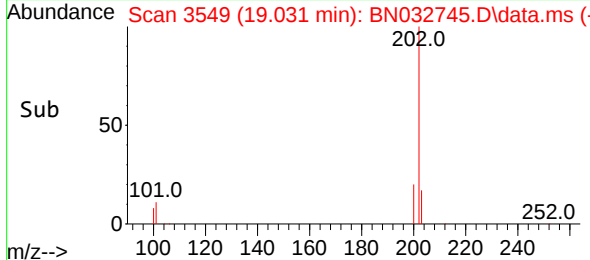
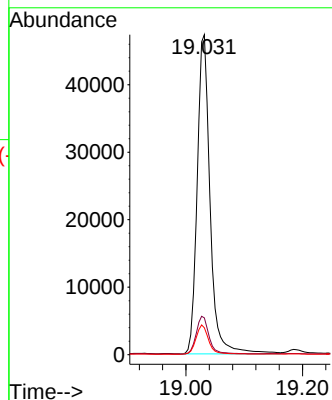
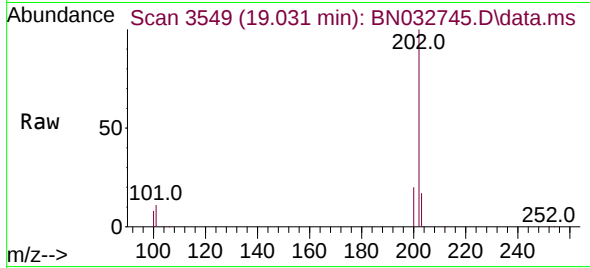
#19
Fluoranthene
Concen: 1.546 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

Instrument :
BNA_N
ClientSampleId :
A4BQ8DL

Tgt Ion:202 Resp: 7275
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.4 7.9 11.9

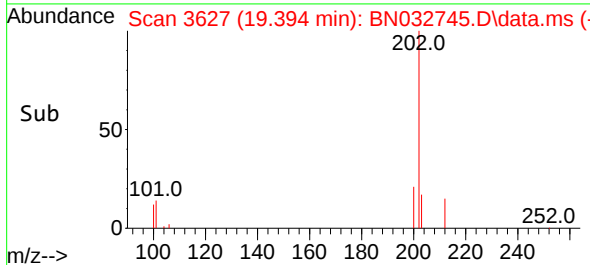
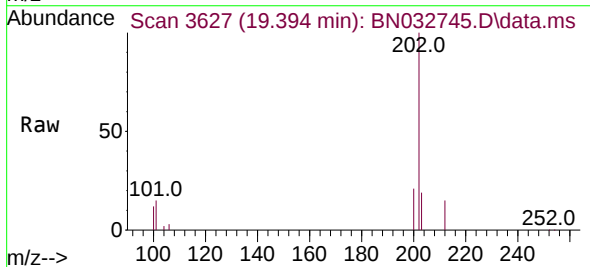
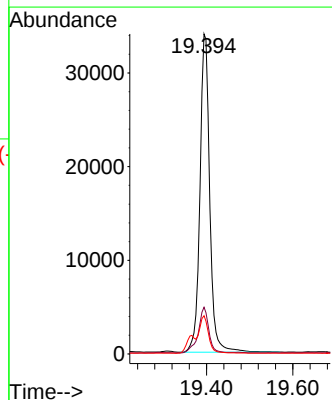
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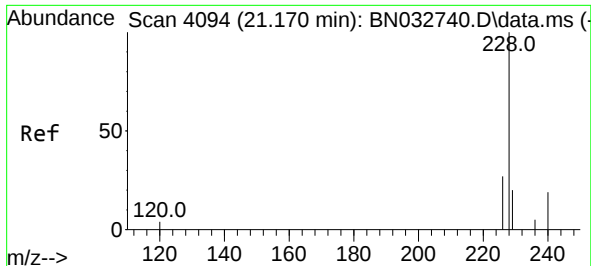
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 1.102 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

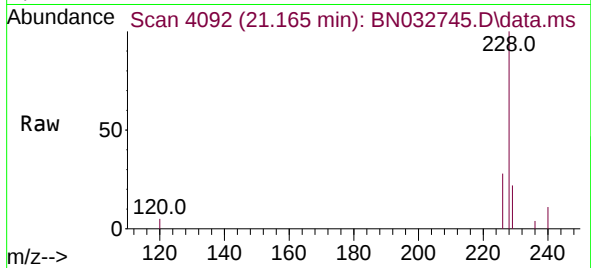
Tgt Ion:202 Resp: 53667
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.890 ng/ul
RT: 21.165 min Scan# 4094
Delta R.T. -0.017 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

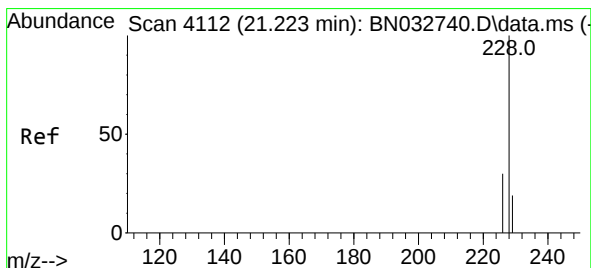
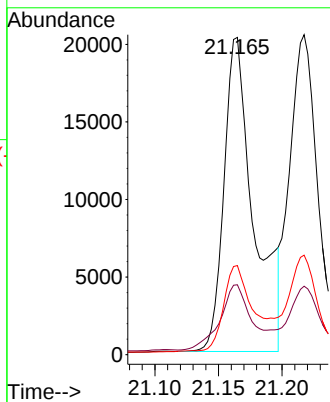
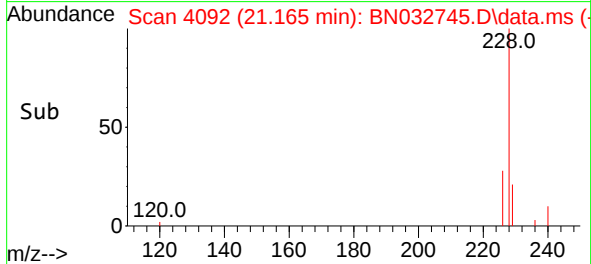
Instrument :
BNA_N
ClientSampleId :
A4BQ8DL



Tgt Ion:228 Resp: 32790
Ion Ratio Lower Upper
228 100
229 22.1 16.1 24.1
226 28.1 21.9 32.9

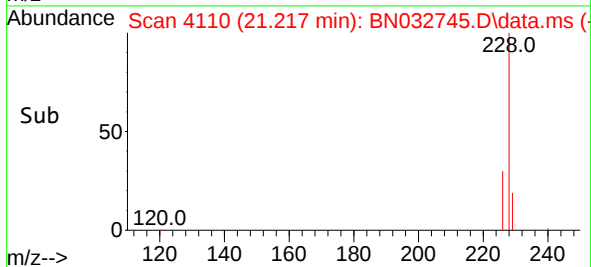
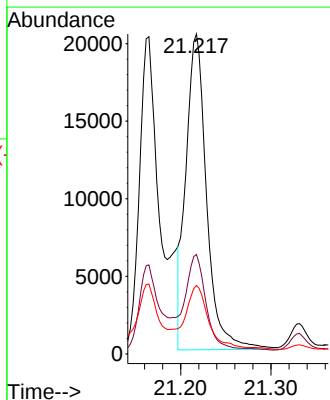
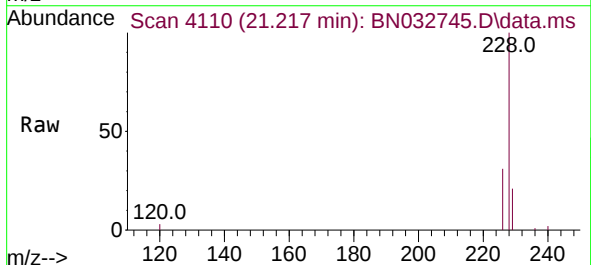
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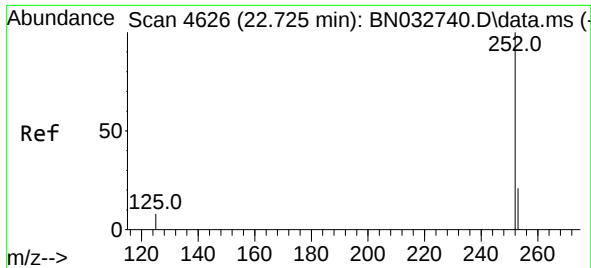
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.608 ng/ul
RT: 21.217 min Scan# 4110
Delta R.T. -0.015 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

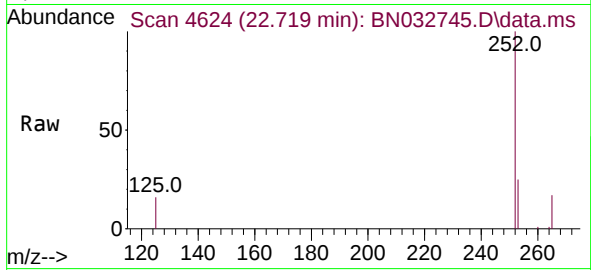
Tgt Ion:228 Resp: 32390
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 21.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.097 ng/ul m
RT: 22.719 min Scan# 4624
Delta R.T. -0.015 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

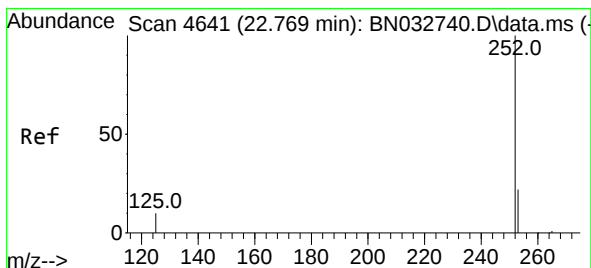
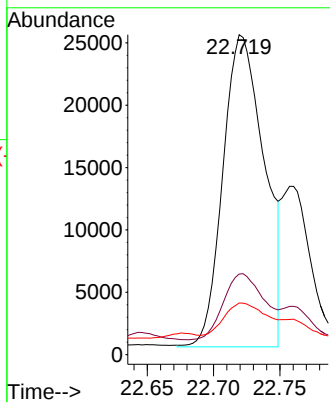
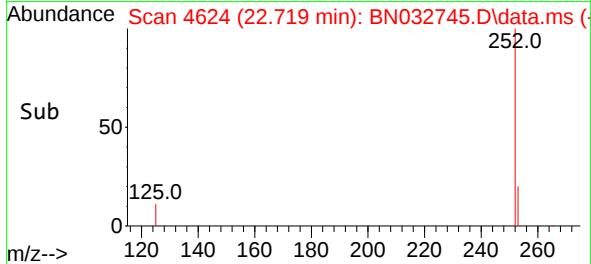
Instrument :
BNA_N
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A4BQ8DL



Tgt Ion:252 Resp: 54280
Ion Ratio Lower Upper
252 100
253 25.2 0.0 54.0
125 16.1 0.0 36.0

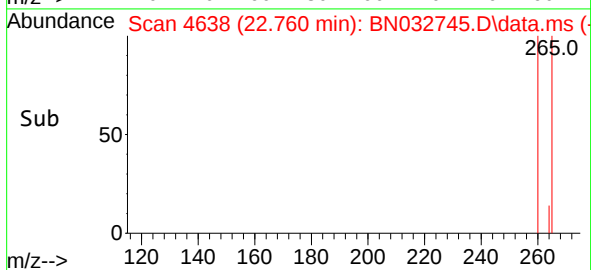
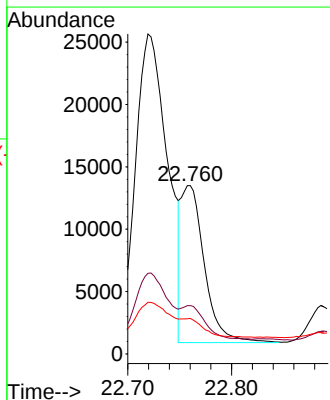
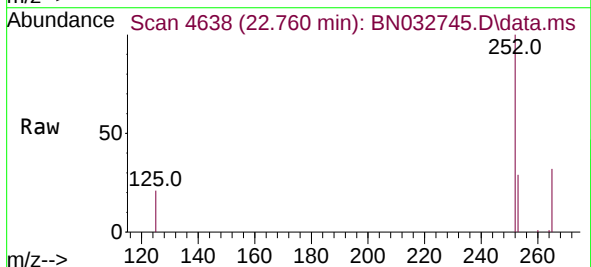
Manual Integrations
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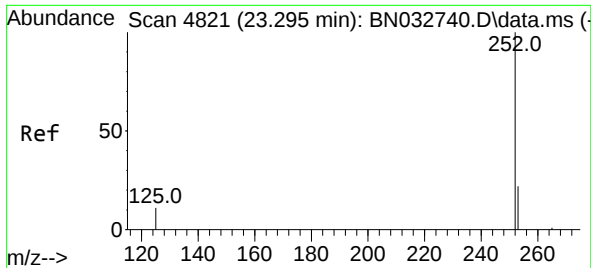
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. -0.017 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

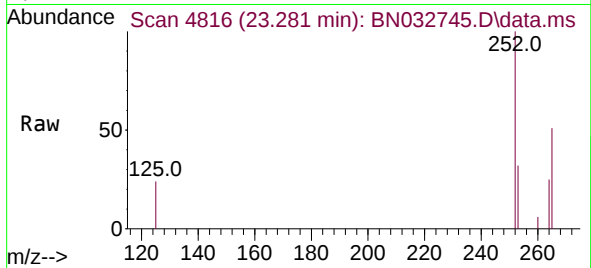
Tgt Ion:252 Resp: 19604
Ion Ratio Lower Upper
252 100
253 28.7 21.2 31.8
125 21.1 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.281 min Scan# 4816
Delta R.T. -0.029 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

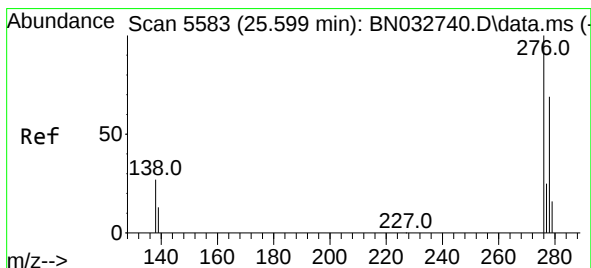
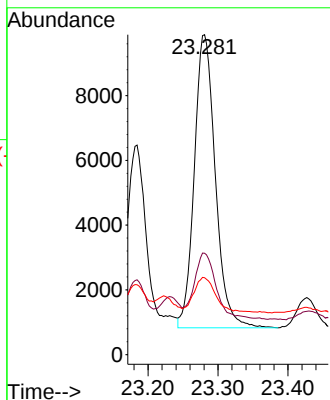
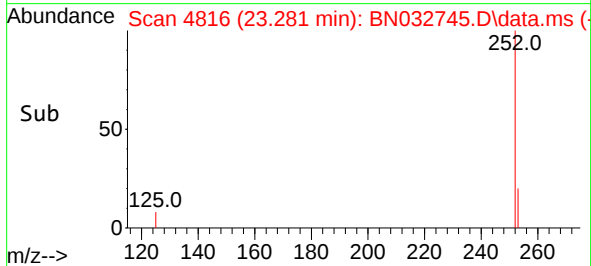
Instrument :
BNA_N
ClientSampleId :
A4BQ8DL



Tgt Ion:252 Resp: 1887
Ion Ratio Lower Upper
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125 24.1 20.6 30.8

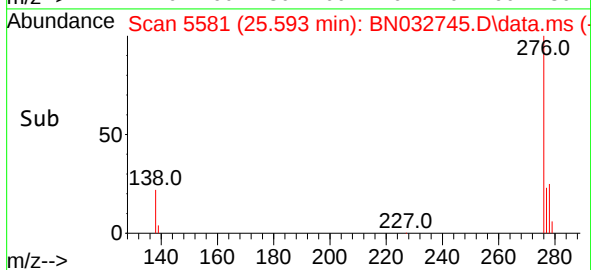
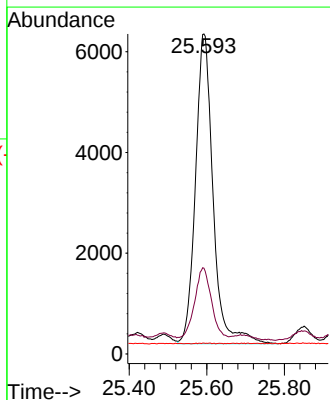
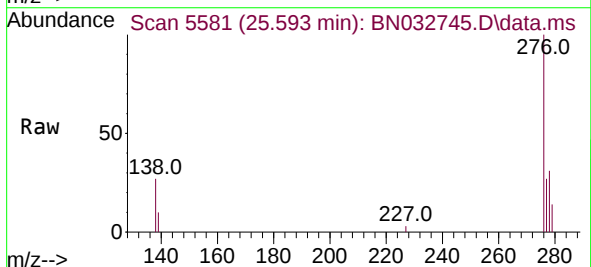
Manual Integrations
APPROVED

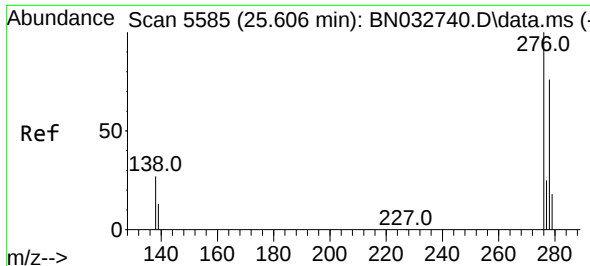
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.593 min Scan# 5581
Delta R.T. -0.033 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

Tgt Ion:276 Resp: 19314
Ion Ratio Lower Upper
276 100
138 24.2 21.6 32.4
227 0.0 0.0 0.0#





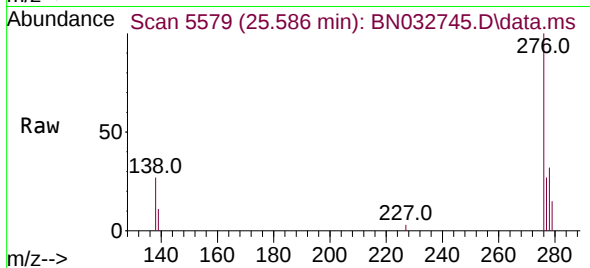
#28
Dibenzo(a,h)anthracene
Concen: 0.133 ng/ul
RT: 25.586 min Scan# 51
Delta R.T. -0.054 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

Instrument :

BNA_N

ClientSampleId :

A4BQ8DL



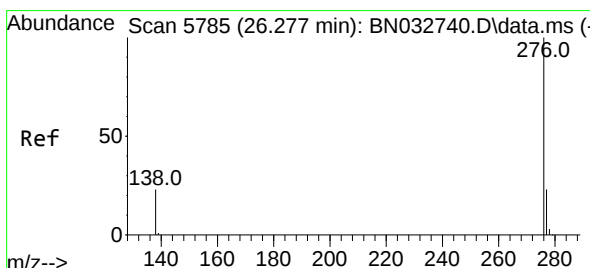
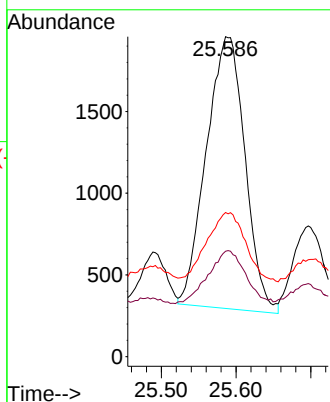
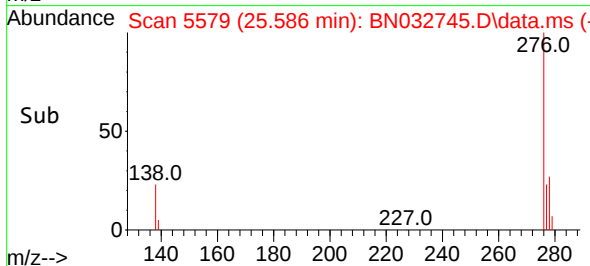
Tgt Ion:278 Resp: 5980
Ion Ratio Lower Upper
278 100
139 32.9 16.6 24.8#
279 45.0 23.7 35.5#

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: 26.273 min Scan# 5784
Delta R.T. -0.027 min
Lab File: BN032745.D
Acq: 16 Jul 2024 17:41

Tgt Ion:276 Resp: 2625
Ion Ratio Lower Upper
276 100
138 48.2 21.0 31.4#
277 45.4 20.6 31.0#

