

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032786.D
 Acq On : 17 Jul 2024 19:03
 Operator : MA/JU
 Sample : P3100-20DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:32:43 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5649	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	16197	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.192	164	8938	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	16708	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	15570	0.400	ng/ul	# 0.00
23) Perylene-d12	23.364	264	19337	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	9902	1.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	2545	0.104	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	4707	0.093	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	18351	0.422	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	11316	0.417	ng/ul	96
8) 1-Methylnaphthalene	12.212	142	10299	0.367	ng/ul	99
10) Acenaphthylene	13.914	152	49930	1.383	ng/ul	99
11) Acenaphthene	14.256	153	8338	0.279	ng/ul	99
12) Fluorene	15.251	166	9562	0.280	ng/ul#	98
15) Phenanthrene	16.994	178	243222	5.345	ng/ul	98
16) Anthracene	17.086	178	65548	1.763	ng/ul	99
19) Fluoranthene	19.025	202	646217	10.208	ng/ul	98
20) Pyrene	19.393	202	446269	6.811	ng/ul	96
21) Benzo(a)anthracene	21.152	228	288349	5.818	ng/ul	98
22) Chrysene	21.204	228	344851	4.810	ng/ul	98
24) Benzo(b)fluoranthene	22.706	252	488624m	7.162	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	174794m	2.102	ng/ul	
26) Benzo(a)pyrene	23.268	252	147554	2.499	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.578	276	154613	1.934	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.578	278	59740	0.964	ng/ul#	74
29) Benzo(g,h,i)perylene	26.265	276	22146	0.331	ng/ul#	78

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

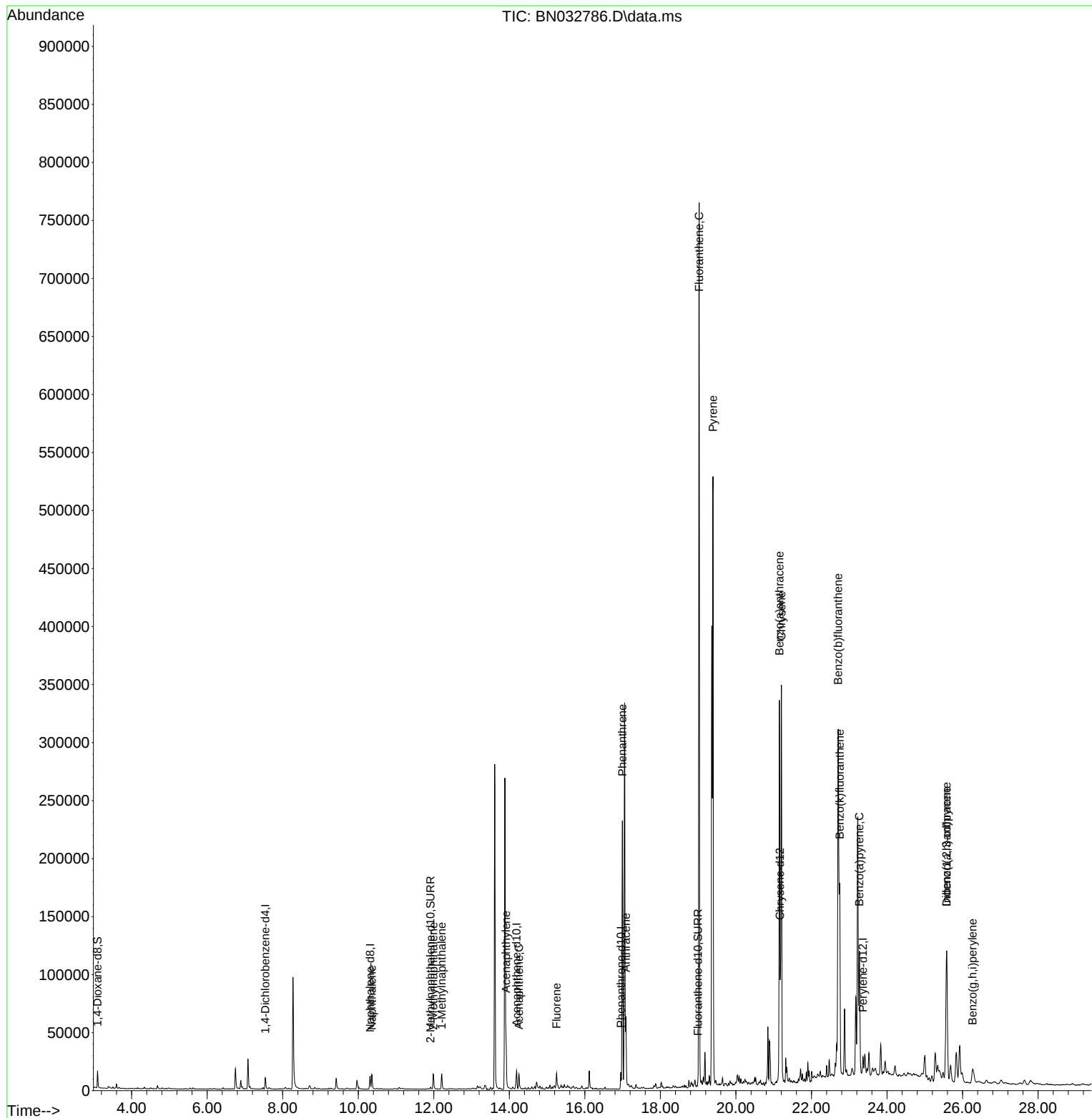
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032786.D
Acq On : 17 Jul 2024 19:03
Operator : MA/JU
Sample : P3100-20DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

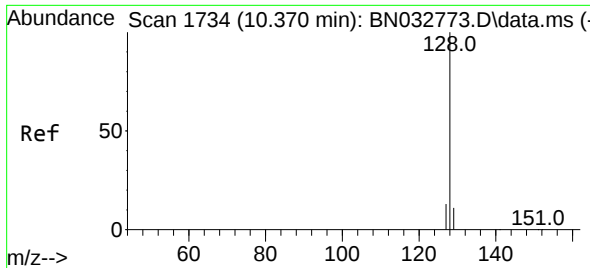
Instrument :
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ClientSampleId :
A4D33DL

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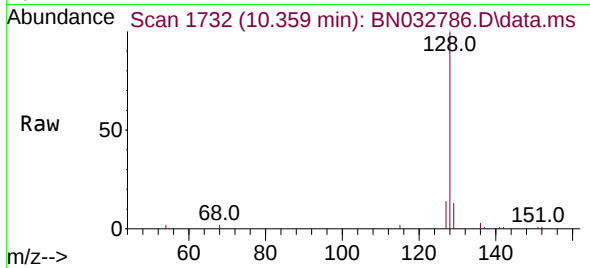
Quant Time: Jul 17 23:32:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

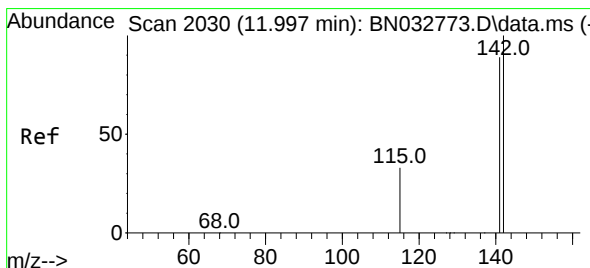
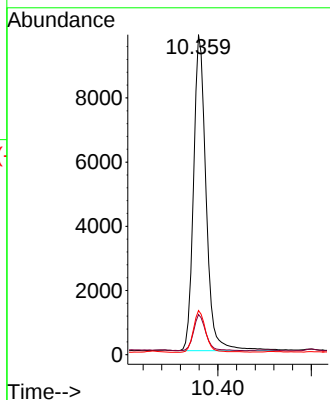
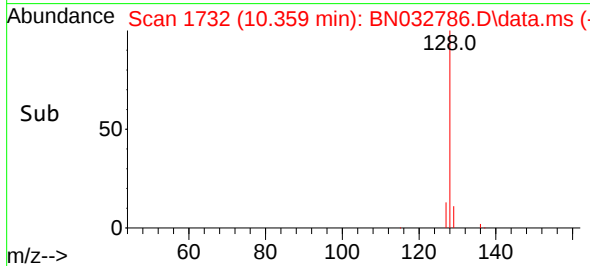
Instrument :
BNA_N
ClientSampleId :
A4D33DL



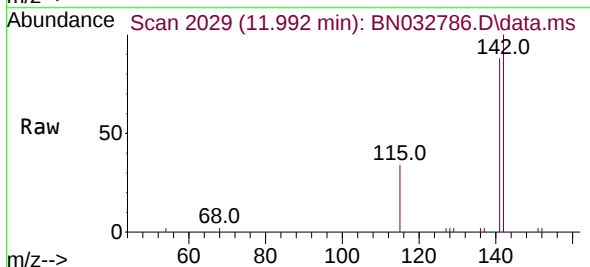
Tgt Ion:128 Resp: 1835
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 13.8 11.6 17.4

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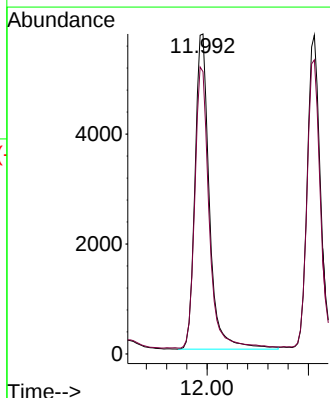
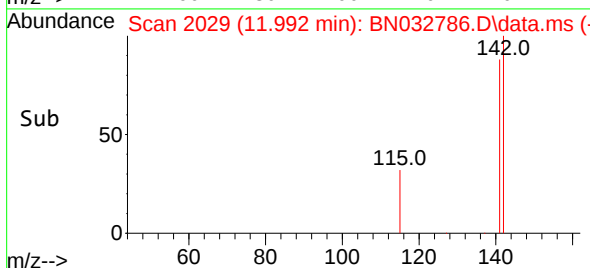
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

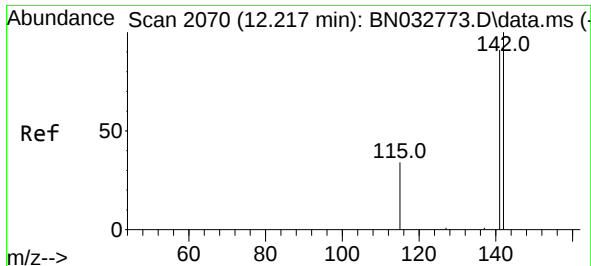


#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03



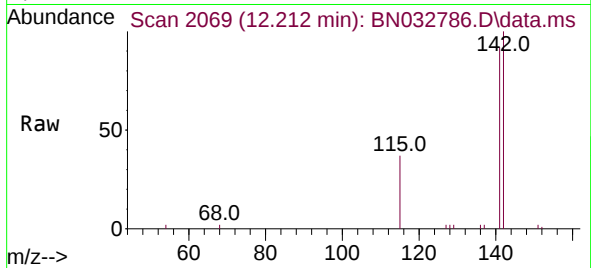
Tgt Ion:142 Resp: 11316
Ion Ratio Lower Upper
142 100
141 88.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.007 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

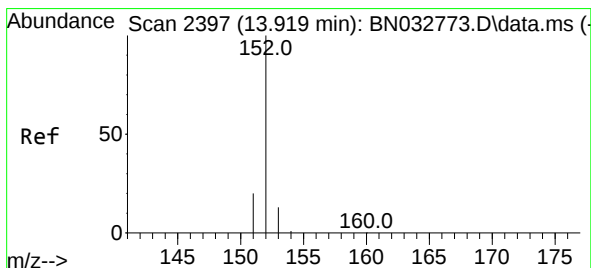
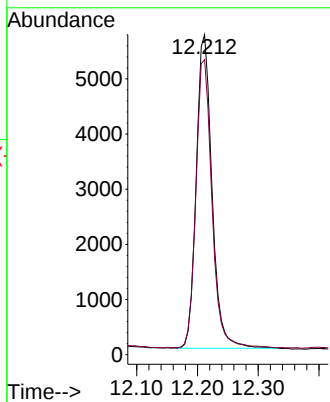
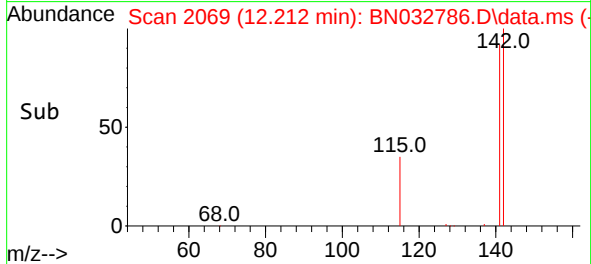
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:142 Resp: 10299
Ion Ratio Lower Upper
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141 92.8 75.0 112.4

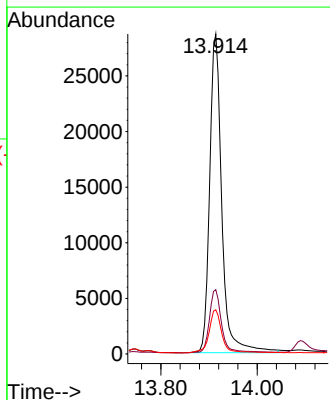
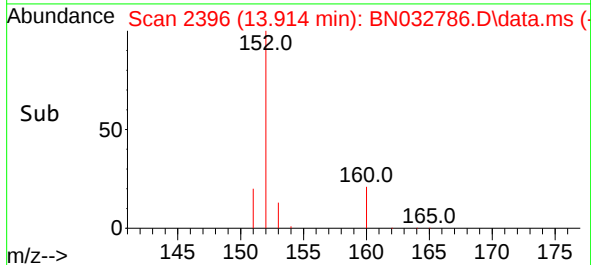
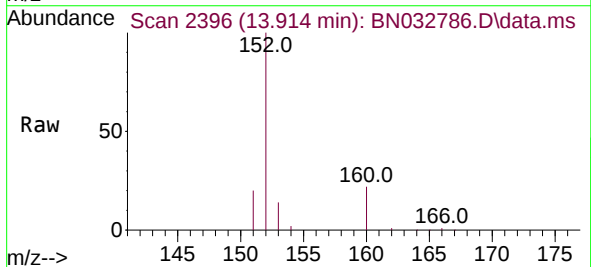
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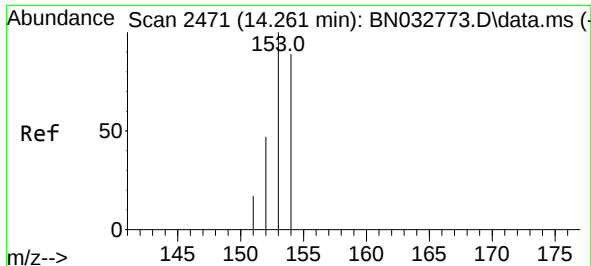
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 1.383 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

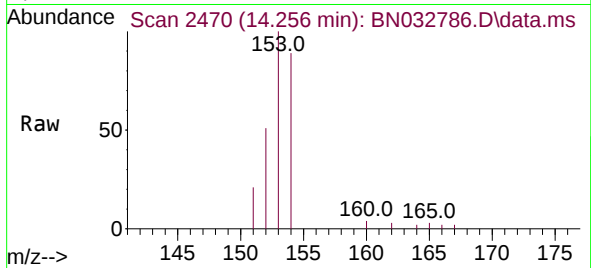
Tgt Ion:152 Resp: 49930
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.8 11.3 16.9





#11
Acenaphthene
Concen: 0.279 ng/u1
RT: 14.256 min Scan# 2471
Delta R.T. -0.001 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

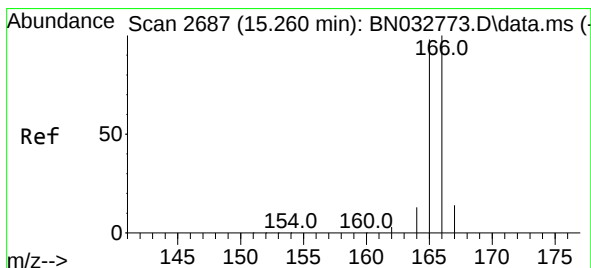
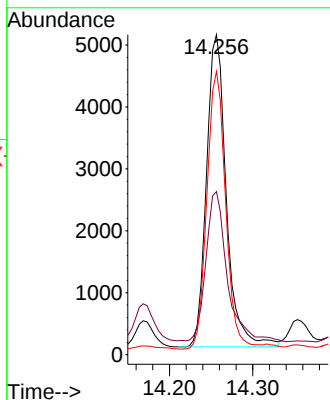
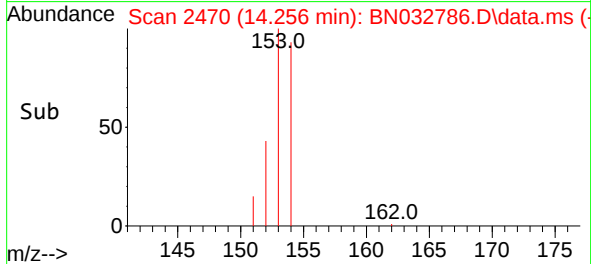
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:153 Resp: 8338
Ion Ratio Lower Upper
153 100
152 50.9 40.0 60.0
154 88.5 70.2 105.4

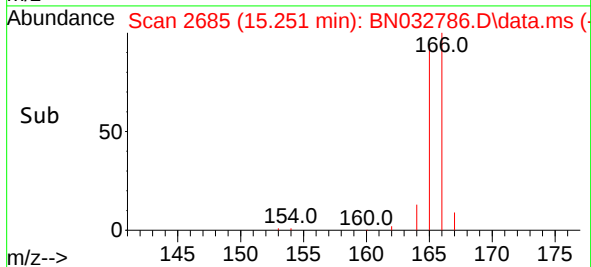
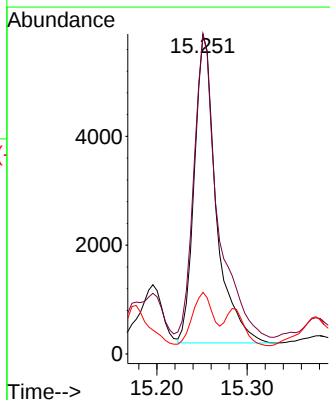
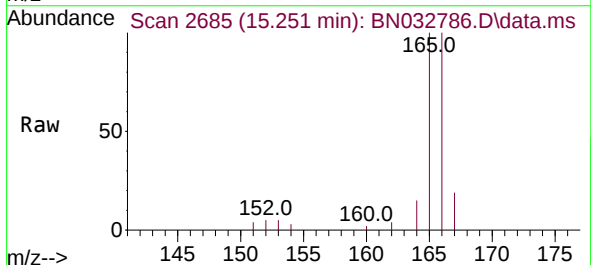
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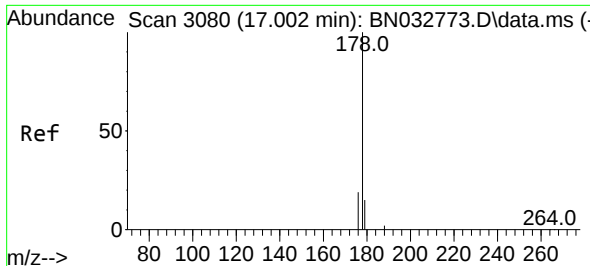
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.280 ng/u1
RT: 15.251 min Scan# 2685
Delta R.T. -0.015 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

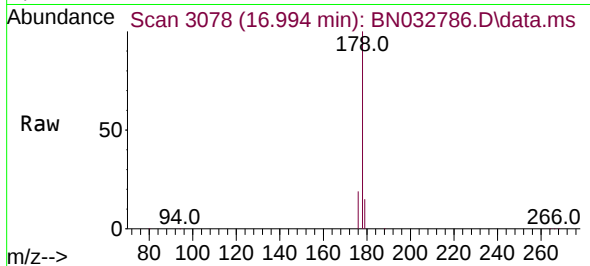
Tgt Ion:166 Resp: 9562
Ion Ratio Lower Upper
166 100
165 100.2 79.7 119.5
167 19.3 11.4 17.2#





#15
Phenanthrene
Concen: 5.345 ng/ul
RT: 16.994 min Scan# 3080
Delta R.T. -0.014 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

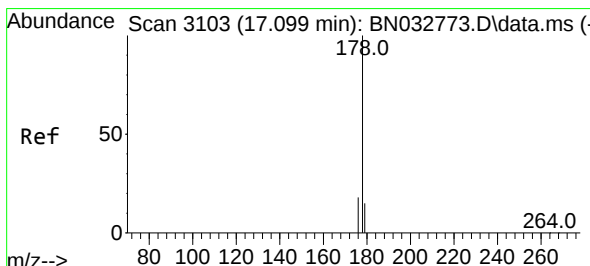
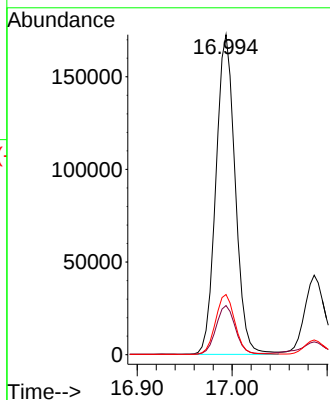
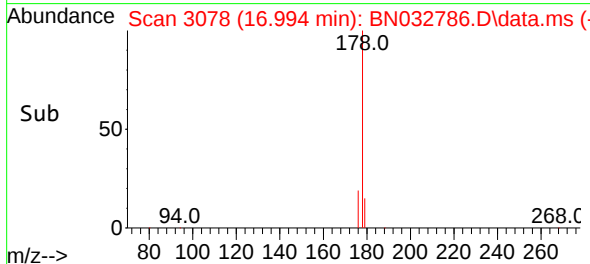
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:178 Resp: 24322
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.8 15.6 23.4

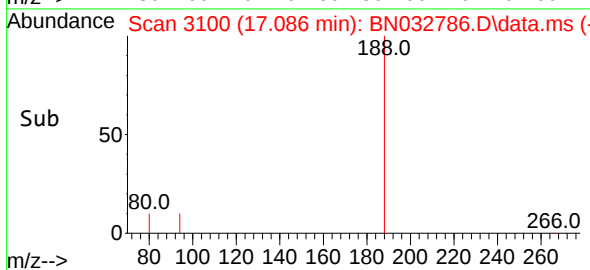
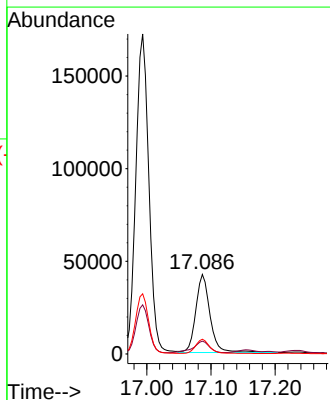
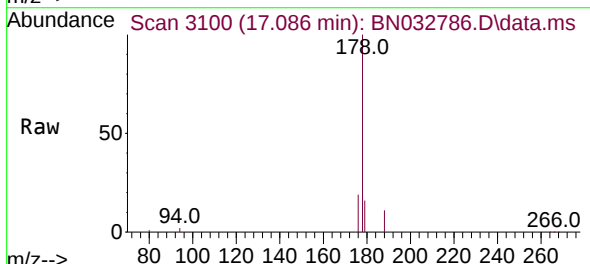
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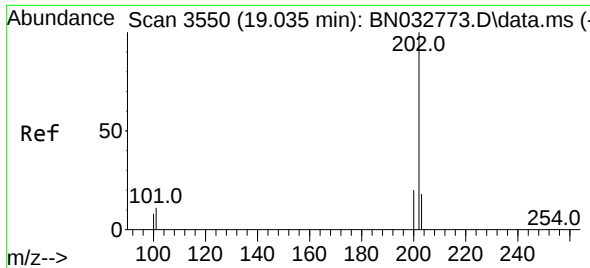
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 1.763 ng/ul
RT: 17.086 min Scan# 3100
Delta R.T. -0.018 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

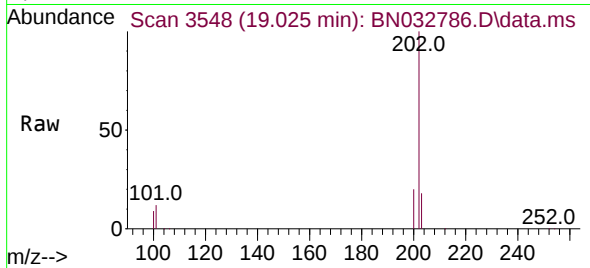
Tgt Ion:178 Resp: 65548
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 10.208 ng/u1
RT: 19.025 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

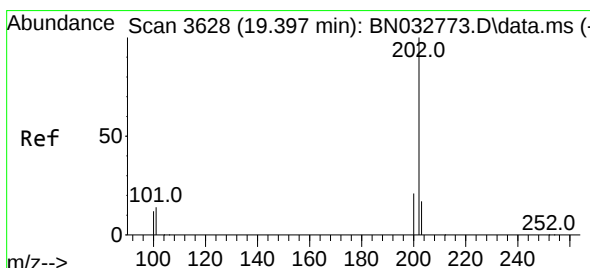
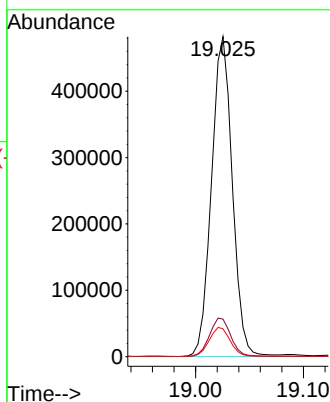
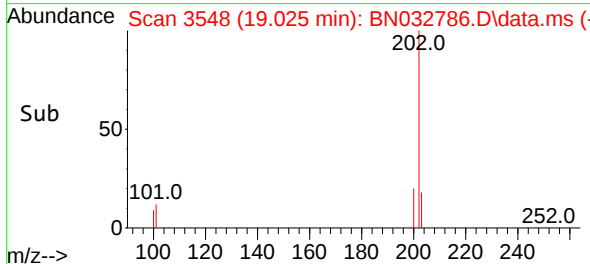
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:202 Resp: 646217
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.7 7.9 11.9

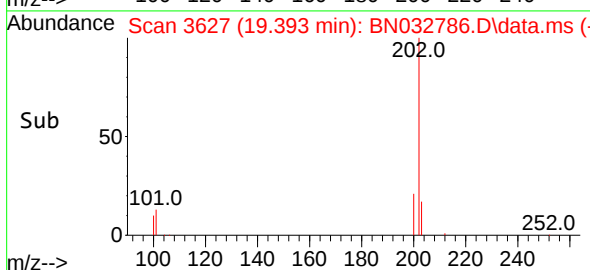
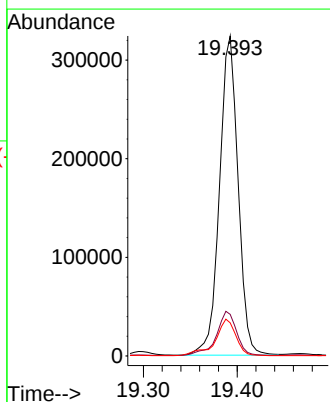
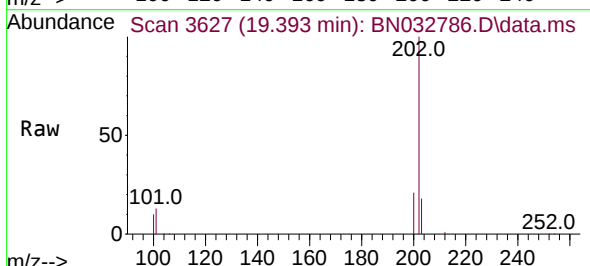
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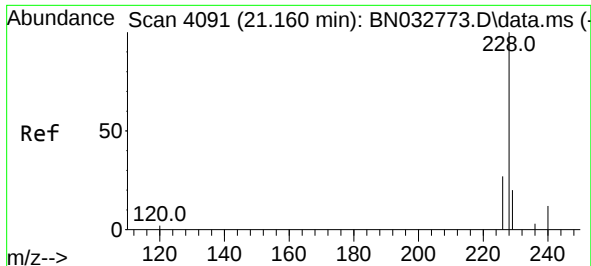
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 6.811 ng/u1
RT: 19.393 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

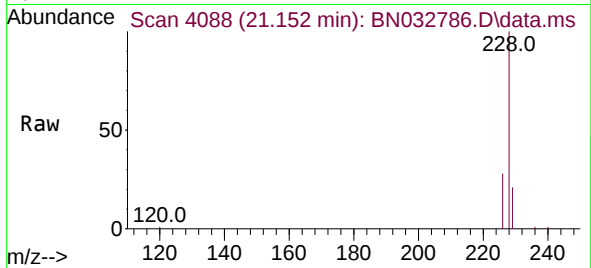
Tgt Ion:202 Resp: 446269
Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 10.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 5.818 ng/ul
RT: 21.152 min Scan# 4088
Delta R.T. -0.007 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

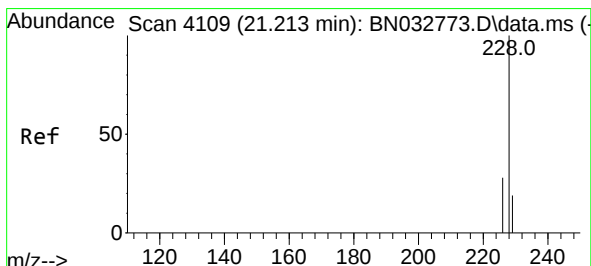
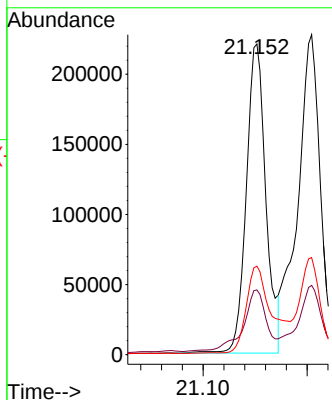
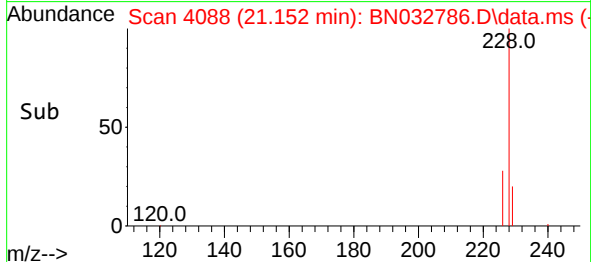
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:228 Resp: 288349
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.5 21.9 32.9

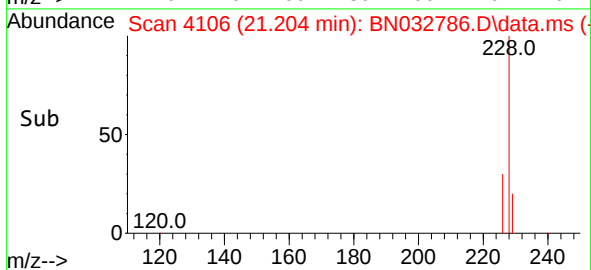
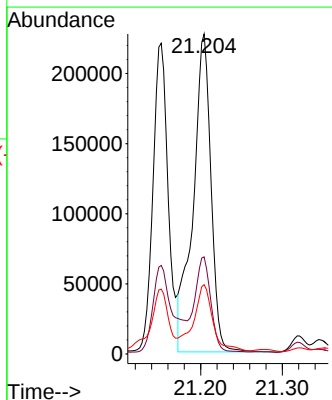
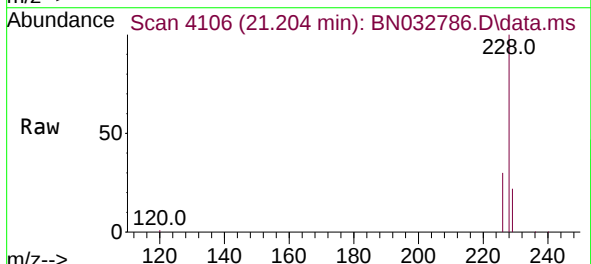
Manual Integrations
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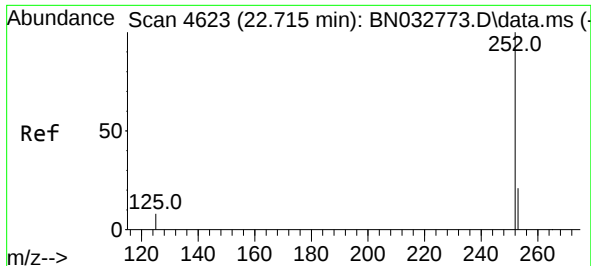
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 4.810 ng/ul
RT: 21.204 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

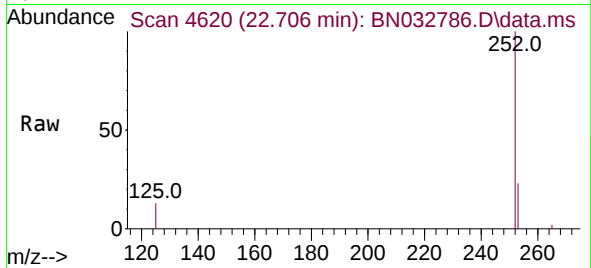
Tgt Ion:228 Resp: 344851
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.162 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.004 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

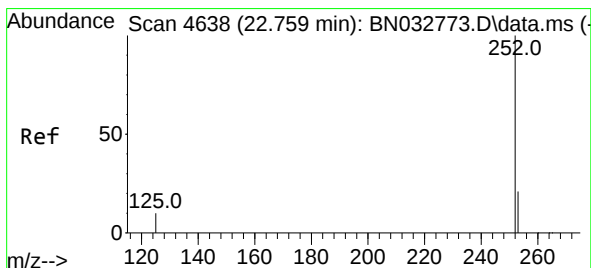
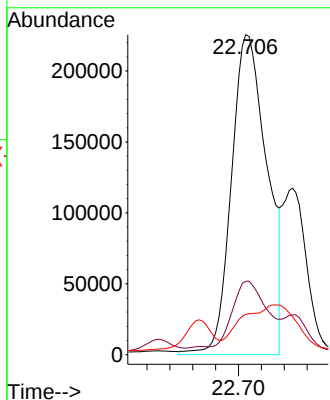
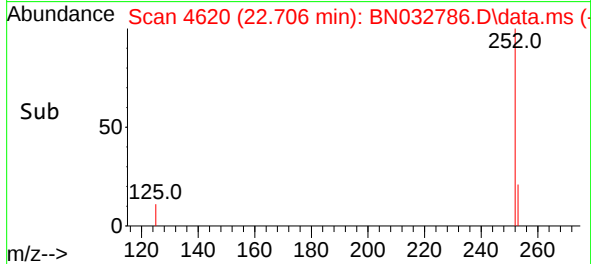
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:252 Resp: 488624
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 12.6 0.0 36.0

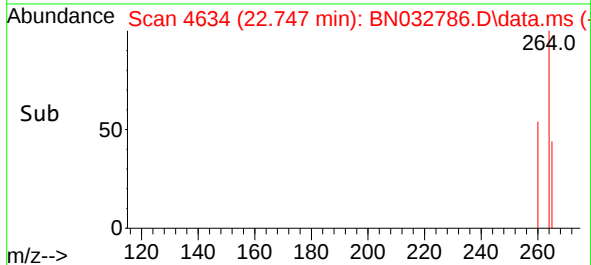
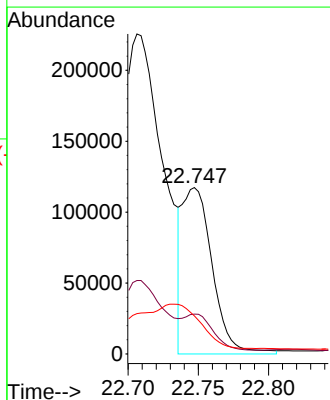
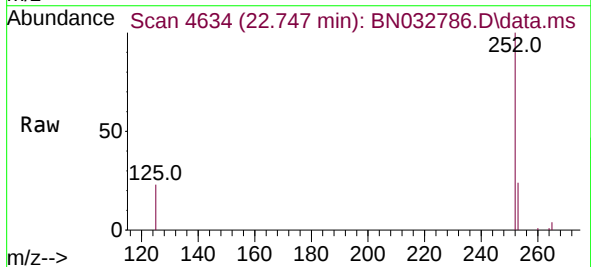
Manual Integrations
APPROVED

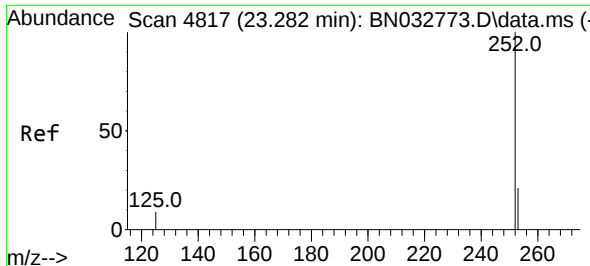
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 2.102 ng/ul m
RT: 22.747 min Scan# 4634
Delta R.T. -0.007 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

Tgt Ion:252 Resp: 174794
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 22.9 14.8 22.2#





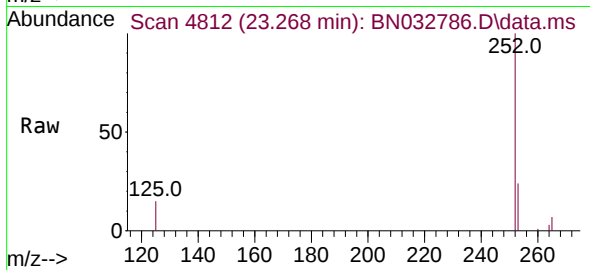
#26
Benzo(a)pyrene
Concen: 2.499 ng/ul
RT: 23.268 min Scan# 4812
Delta R.T. -0.010 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

Instrument :

BNA_N

ClientSampleId :

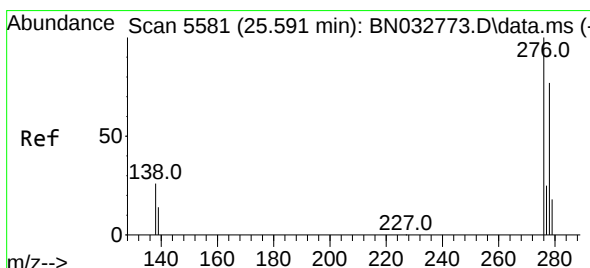
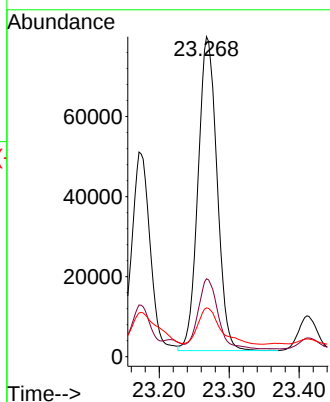
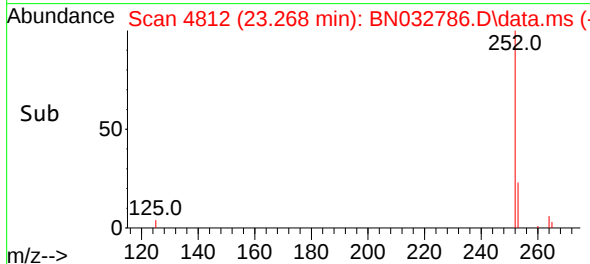
A4D33DL



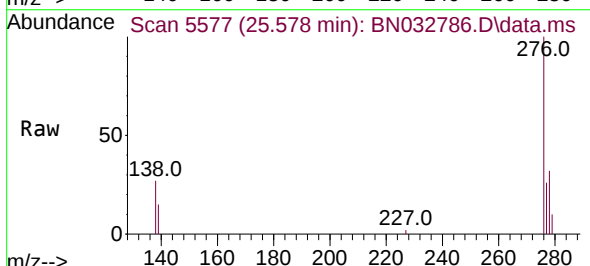
Tgt Ion:252 Resp: 147554
Ion Ratio Lower Upper
252 100
253 24.3 25.4 38.0
125 15.2 20.6 30.8

Manual Integrations
APPROVED

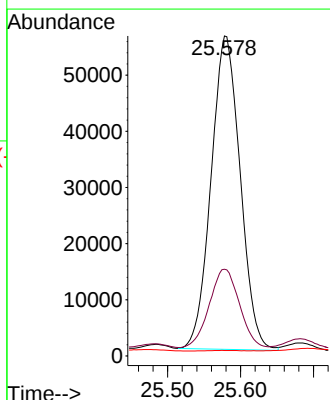
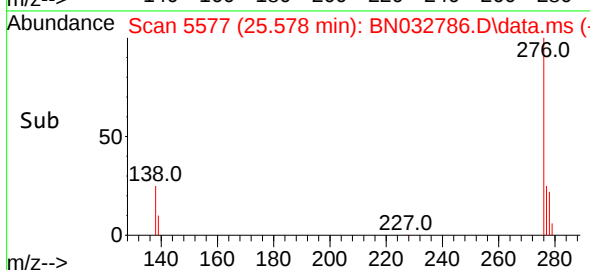
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

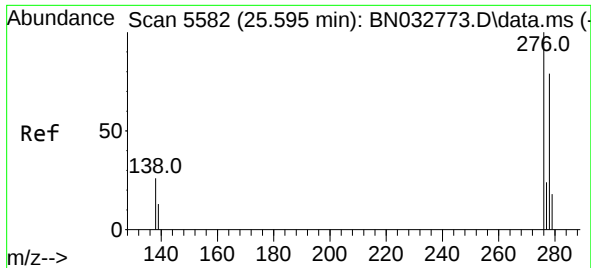


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.934 ng/ul
RT: 25.578 min Scan# 5577
Delta R.T. -0.005 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03



Tgt Ion:276 Resp: 154613
Ion Ratio Lower Upper
276 100
138 26.4 21.6 32.4
227 0.2 0.0 0.0





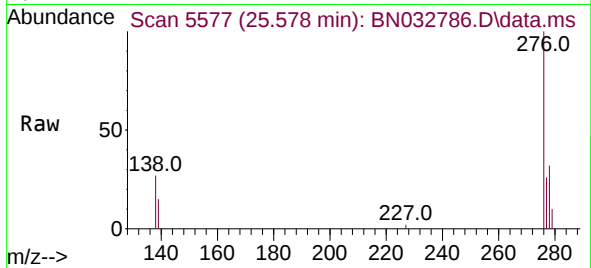
#28
Dibenzo(a,h)anthracene
Concen: 0.964 ng/ul
RT: 25.578 min Scan# 51
Delta R.T. -0.012 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03

Instrument :

BNA_N

ClientSampleId :

A4D33DL



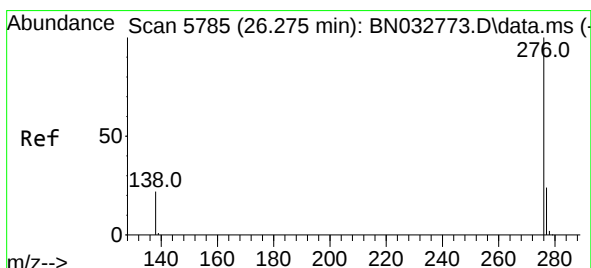
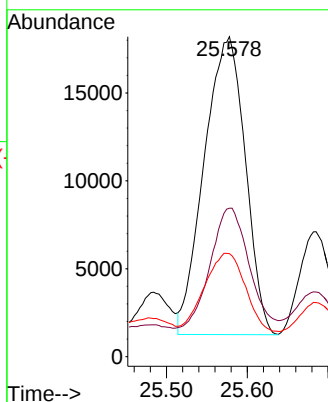
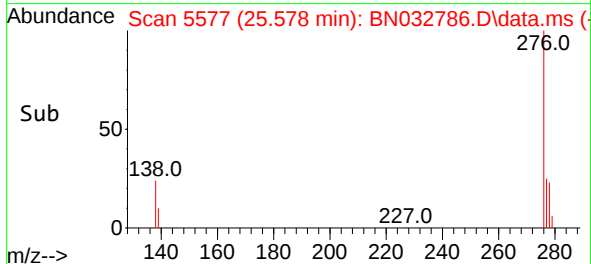
Tgt Ion:278 Resp: 59740
Ion Ratio Lower Upper
278 100
139 46.4 16.6 24.8#
279 32.2 23.7 35.5

Manual Integrations

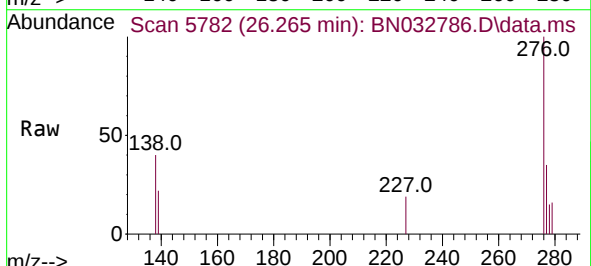
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 26.265 min Scan# 5782
Delta R.T. 0.005 min
Lab File: BN032786.D
Acq: 17 Jul 2024 19:03



Tgt Ion:276 Resp: 22146
Ion Ratio Lower Upper
276 100
138 40.1 21.0 31.4#
277 34.7 20.6 31.0#

