

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032780.D
 Acq On : 17 Jul 2024 15:25
 Operator : MA/JU
 Sample : P3177-09DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:57:26 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	7.544	152	6366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.315	136	17156	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.196	164	8228	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.956	188	17801	0.400	ng/ul	0.00
17) Chrysene-d12	21.175	240	16672	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	20123	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5649	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1134	0.044	ng/ul	-0.01
18) Fluoranthene-d10	18.998	212	2623	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	2575	0.056	ng/ul#	89
7) 2-Methylnaphthalene	11.997	142	762	0.026	ng/ul	96
8) 1-Methylnaphthalene	12.217	142	642	0.022	ng/ul	99
10) Acenaphthylene	13.914	152	3690	0.111	ng/ul#	93
11) Acenaphthene	14.256	153	2640	0.096	ng/ul	97
12) Fluorene	15.256	166	2898	0.092	ng/ul#	98
15) Phenanthrene	16.998	178	69603	1.436	ng/ul	99
16) Anthracene	17.091	178	13186	0.333	ng/ul	97
19) Fluoranthene	19.030	202	160294	2.365	ng/ul	97
20) Pyrene	19.397	202	94670	1.349	ng/ul	97
21) Benzo(a)anthracene	21.158	228	70992	1.338	ng/ul	98
22) Chrysene	21.213	228	90302m	1.176	ng/ul	
24) Benzo(b)fluoranthene	22.718	252	124515m	1.754	ng/ul	
25) Benzo(k)fluoranthene	22.756	252	46017m	0.532	ng/ul	
26) Benzo(a)pyrene	23.279	252	32351	0.527	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.588	276	37617	0.452	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.584	278	14780	0.229	ng/ul#	71
29) Benzo(g,h,i)perylene	26.272	276	5286	0.076	ng/ul#	48

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

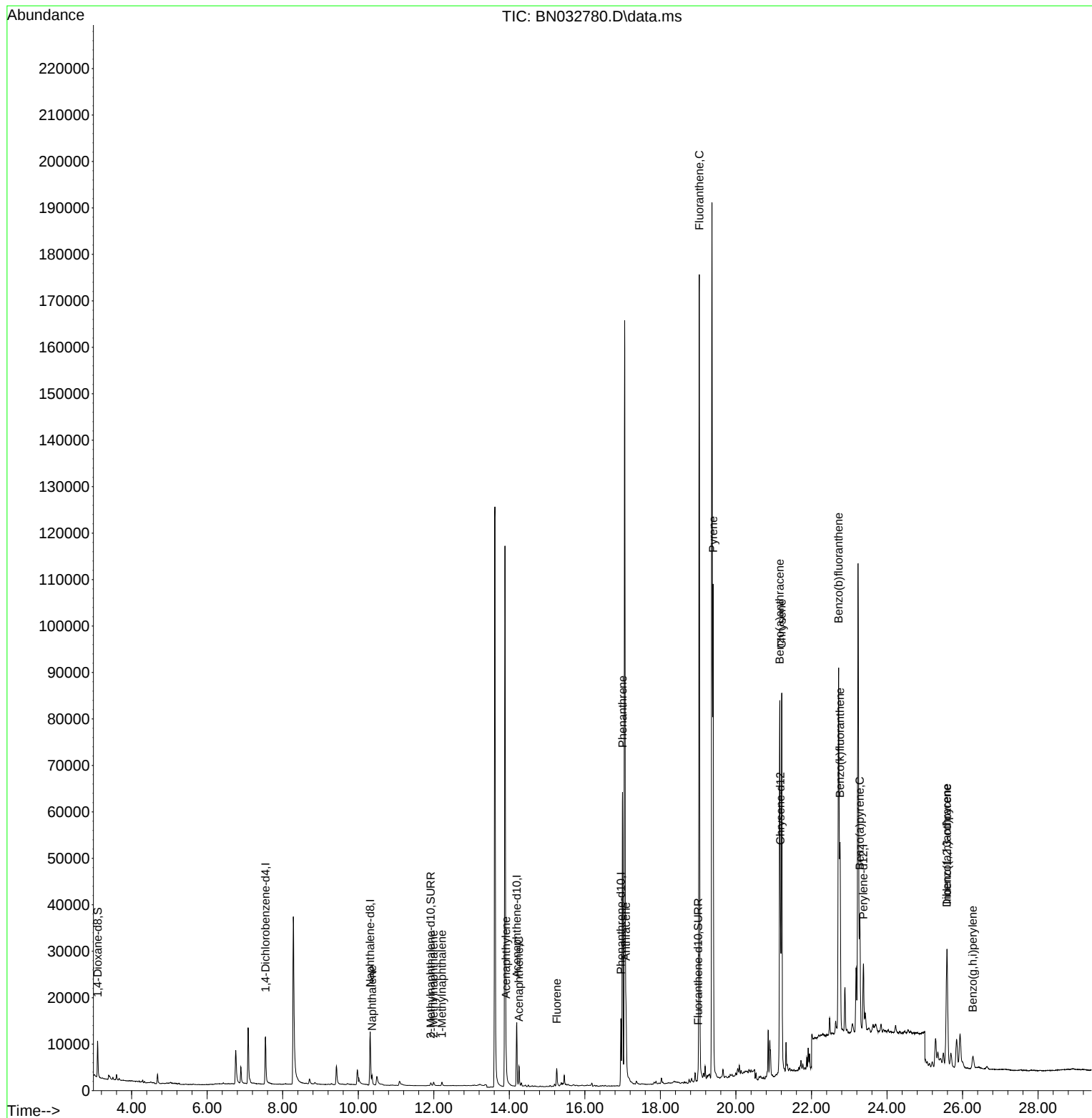
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032780.D
Acq On : 17 Jul 2024 15:25
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Sample : P3177-09DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

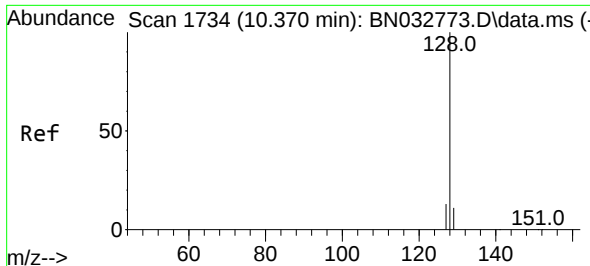
Instrument :
BNA_N
ClientSampleId :
A4BS7DL

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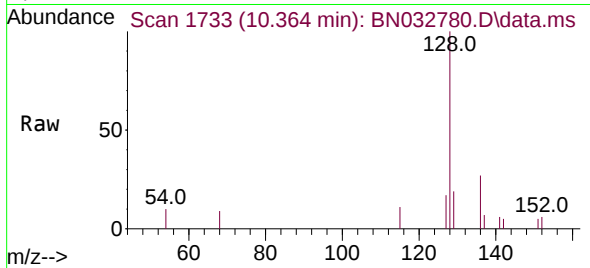
Quant Time: Jul 17 15:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

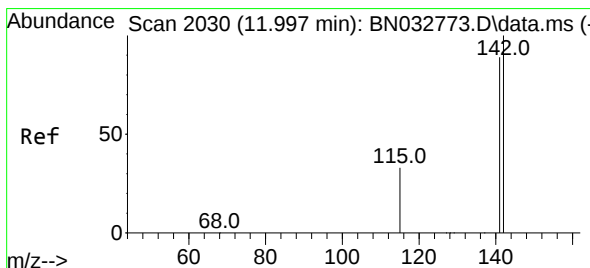
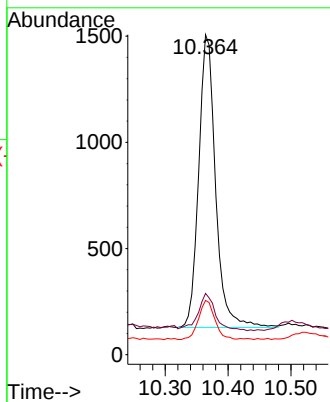
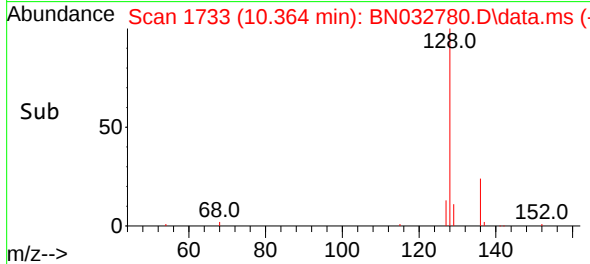
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:128 Resp: 2579
Ion Ratio Lower Upper
128 100
129 19.2 10.0 15.0
127 17.0 11.6 17.4

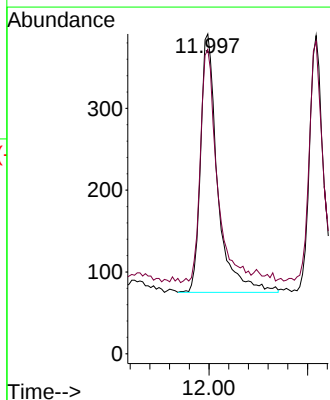
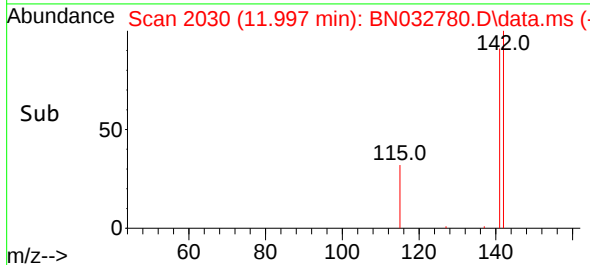
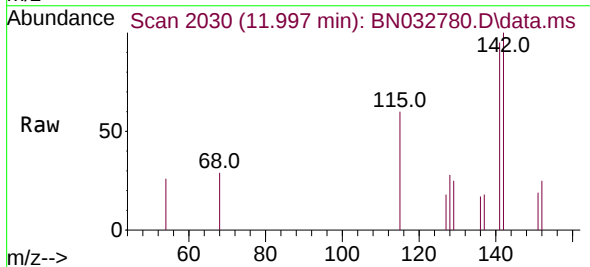
Manual Integrations
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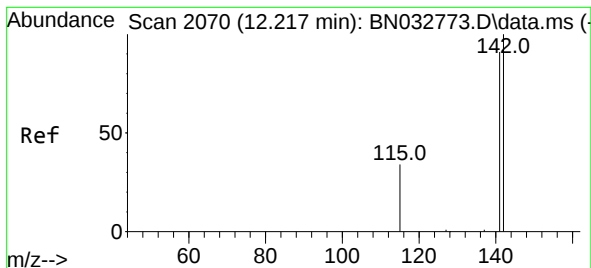
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.007 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

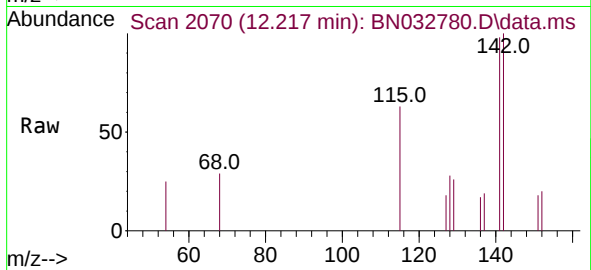
Tgt Ion:142 Resp: 762
Ion Ratio Lower Upper
142 100
141 89.0 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.217 min Scan# 2070
Delta R.T. -0.001 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

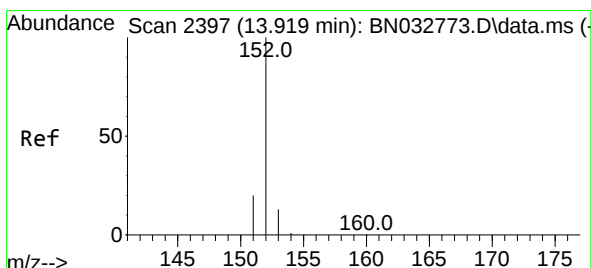
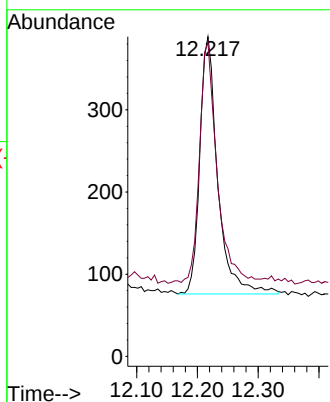
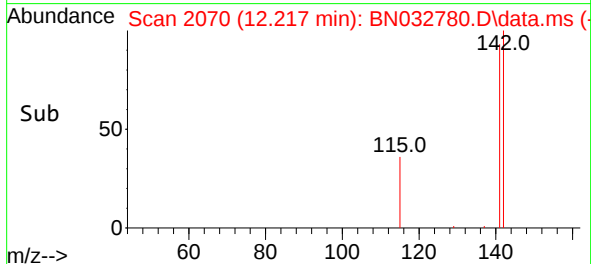
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:142 Resp: 642
Ion Ratio Lower Upper
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141 92.4 75.0 112.4

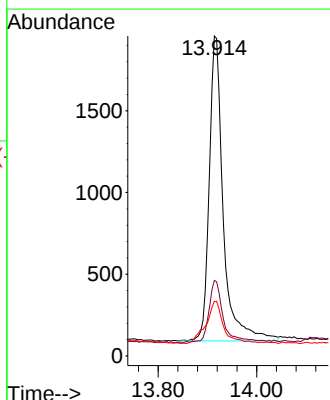
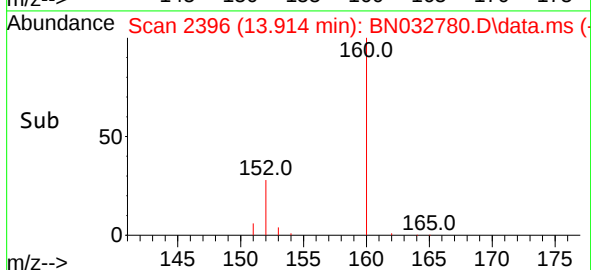
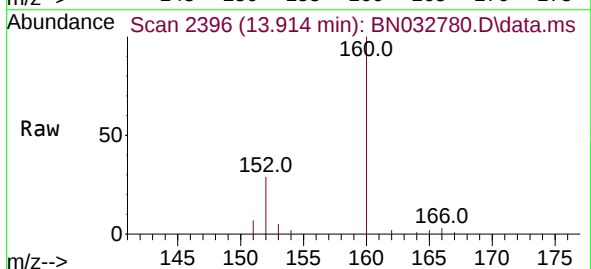
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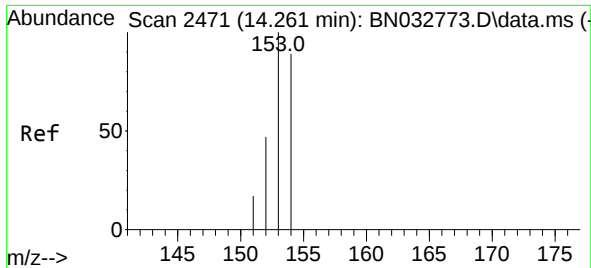
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

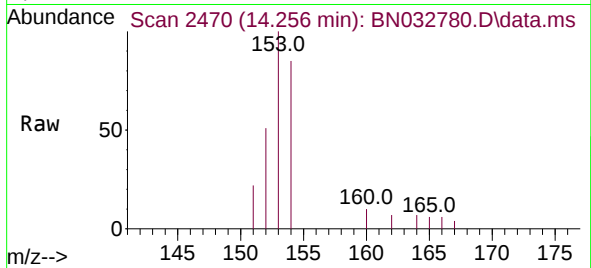
Tgt Ion:152 Resp: 3690
Ion Ratio Lower Upper
152 100
151 23.6 16.3 24.5
153 17.1 11.3 16.9#





#11
Acenaphthene
Concen: 0.096 ng/u1
RT: 14.256 min Scan# 2471
Delta R.T. -0.001 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

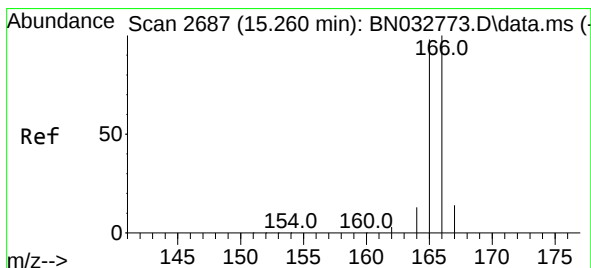
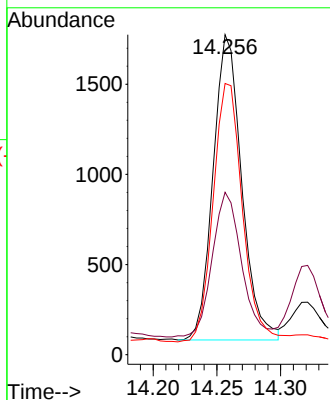
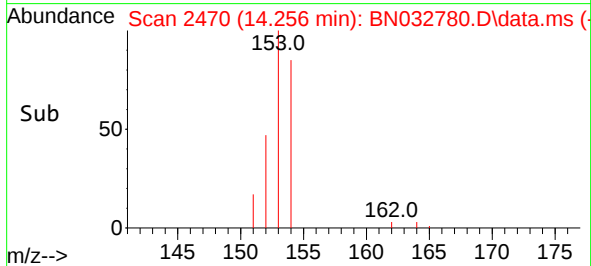
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:153 Resp: 2640
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 84.7 70.2 105.4

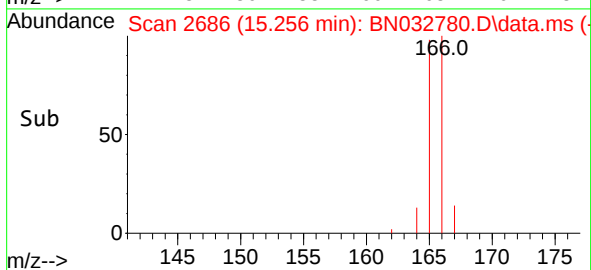
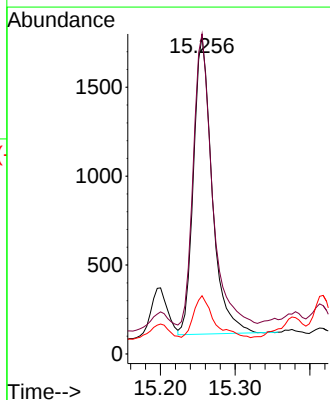
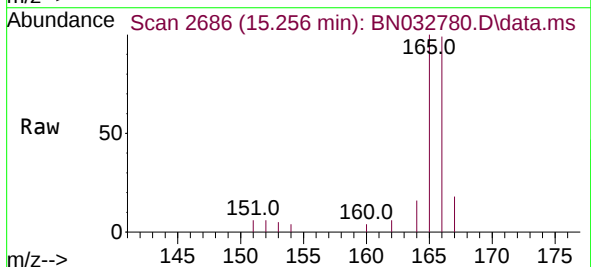
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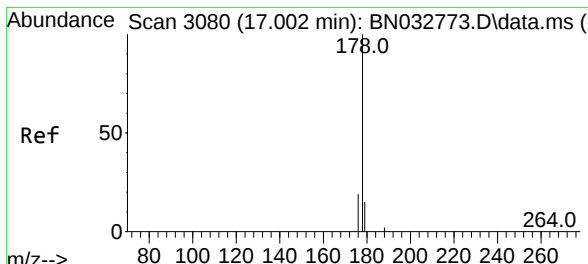
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.256 min Scan# 2686
Delta R.T. -0.011 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

Tgt Ion:166 Resp: 2898
Ion Ratio Lower Upper
166 100
165 100.8 79.7 119.5
167 18.4 11.4 17.2#



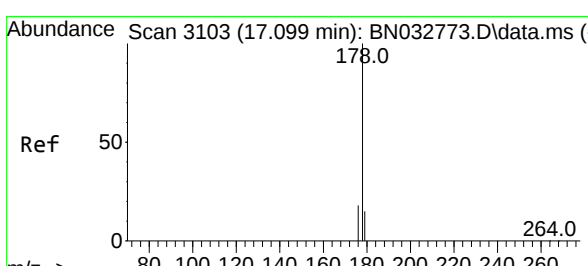
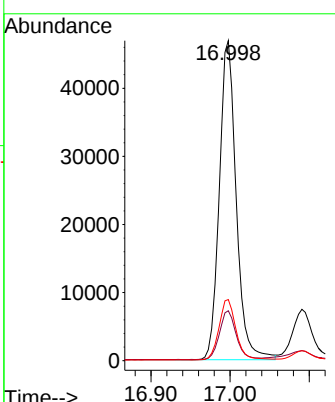
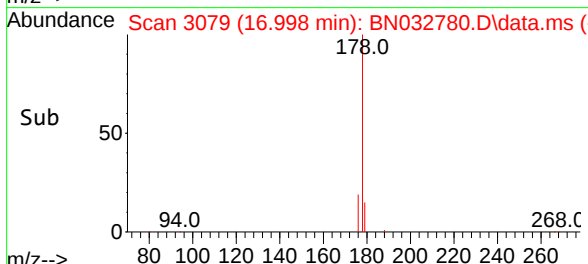
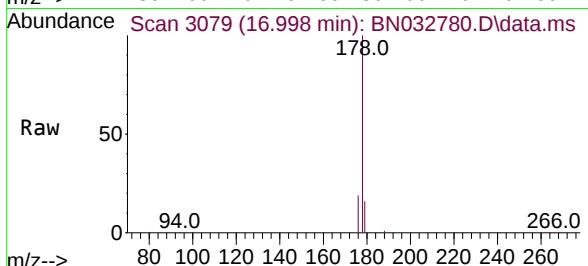


#15
 Phenanthrene
 Concen: 1.436 ng/ul
 RT: 16.998 min Scan# 3080
 Delta R.T. -0.010 min
 Lab File: BN032780.D
 Acq: 17 Jul 2024 15:25

Instrument : BNA_N
 ClientSampleId : A4BS7DL

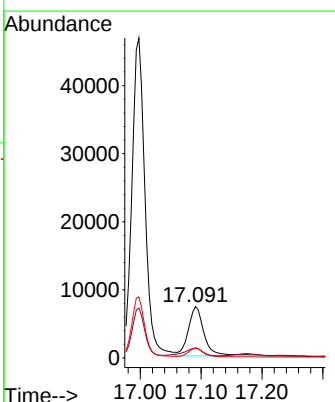
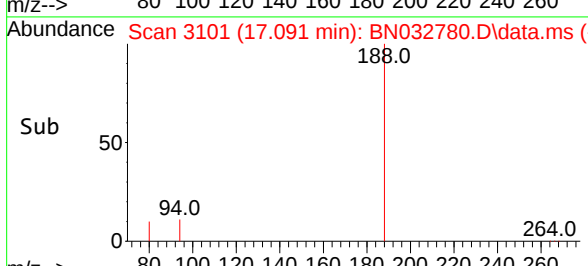
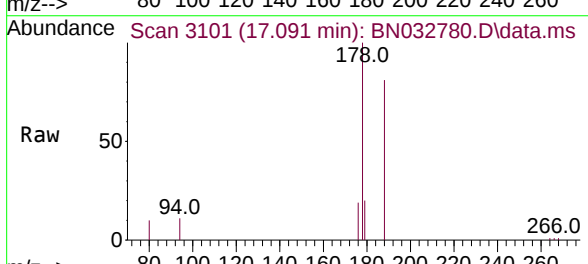
Tgt Ion:	178	Resp:	6960
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	19.1	15.6	23.4

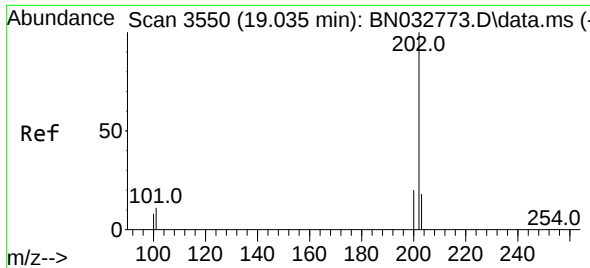
Manual Integrations
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#16
 Anthracene
 Concen: 0.333 ng/ul
 RT: 17.091 min Scan# 3101
 Delta R.T. -0.014 min
 Lab File: BN032780.D
 Acq: 17 Jul 2024 15:25

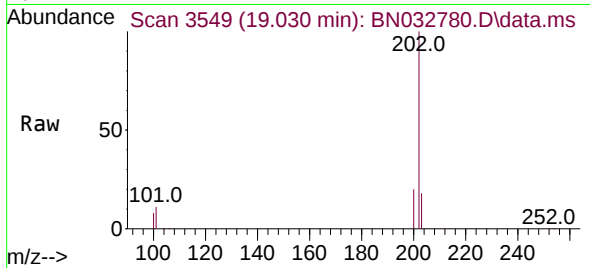
Tgt Ion:	178	Resp:	13186
Ion Ratio	Lower	Upper	
178	100		
179	19.6	13.4	20.2
176	19.4	15.4	23.0





#19
Fluoranthene
Concen: 2.365 ng/ul
RT: 19.030 min Scan# 3550
Delta R.T. -0.001 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

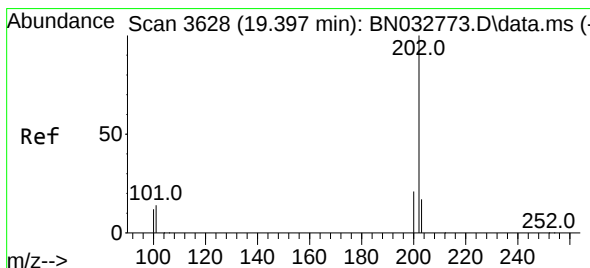
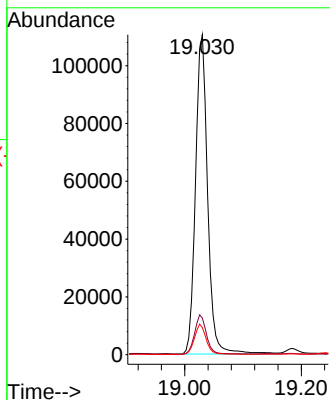
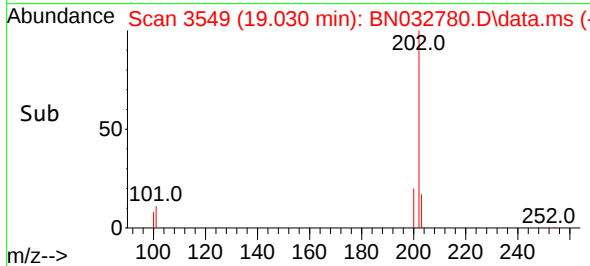
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:202 Resp: 160294
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

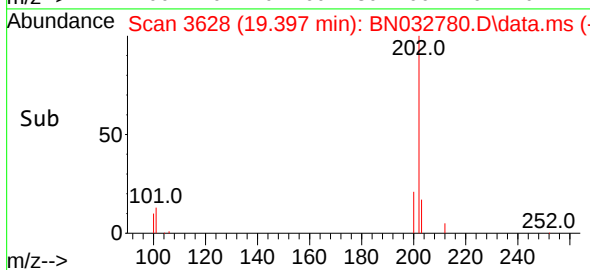
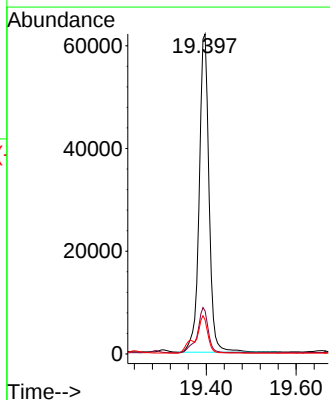
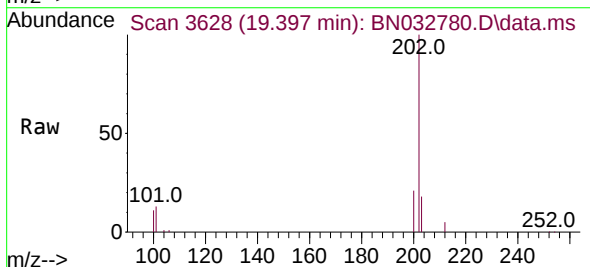
Manual Integrations
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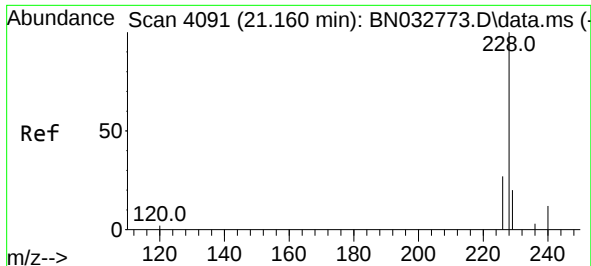
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 1.349 ng/ul
RT: 19.397 min Scan# 3628
Delta R.T. -0.001 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

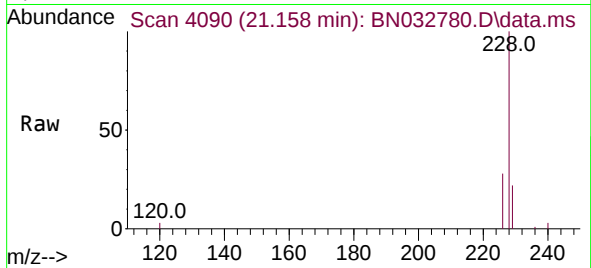
Tgt Ion:202 Resp: 94670
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.338 ng/ul
RT: 21.158 min Scan# 4090
Delta R.T. -0.001 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

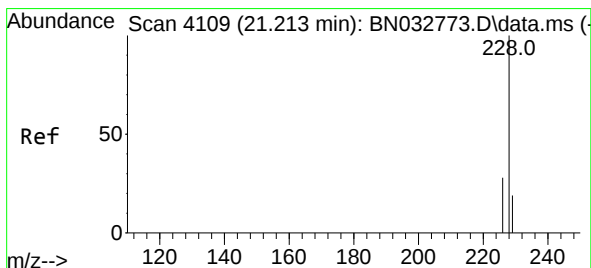
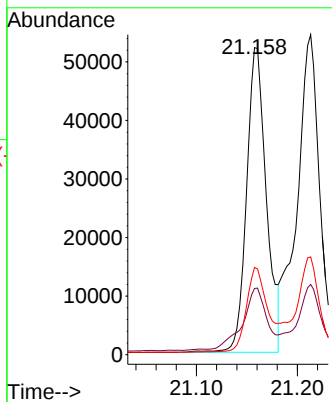
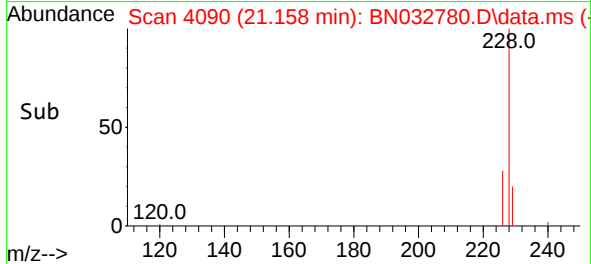
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:228 Resp: 70992
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.4 21.9 32.9

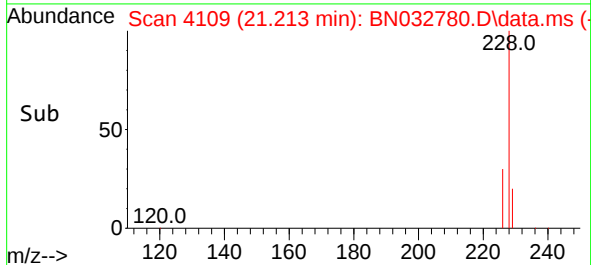
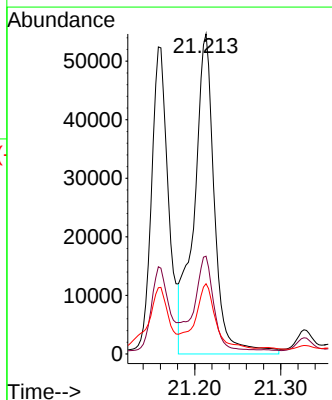
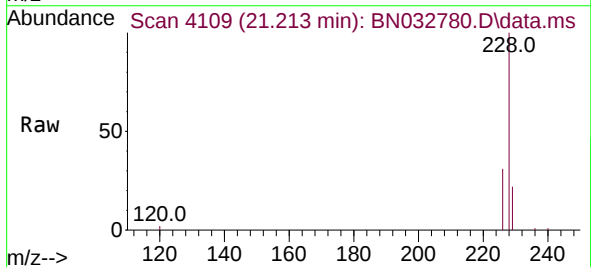
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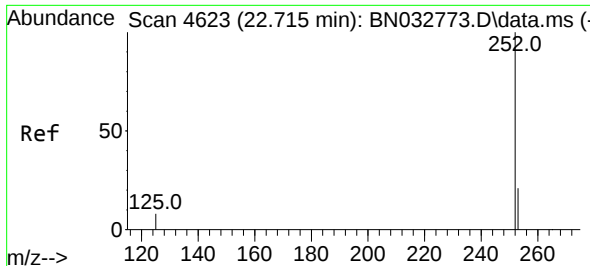
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.176 ng/ul m
RT: 21.213 min Scan# 4109
Delta R.T. 0.002 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

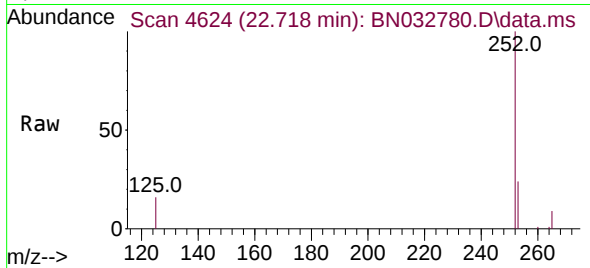
Tgt Ion:228 Resp: 90302
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.754 ng/ul m
RT: 22.718 min Scan# 4624
Delta R.T. 0.007 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

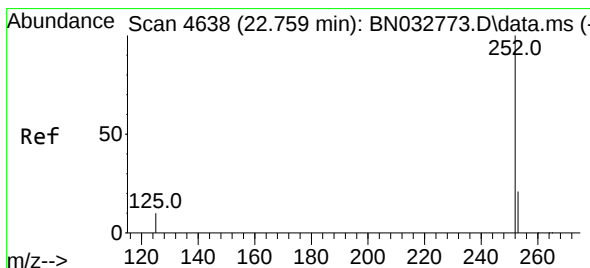
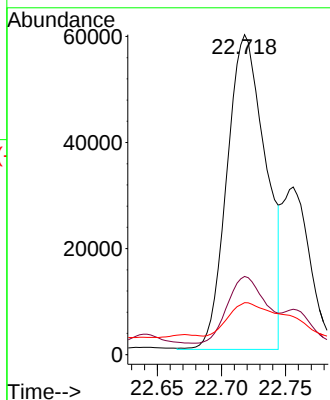
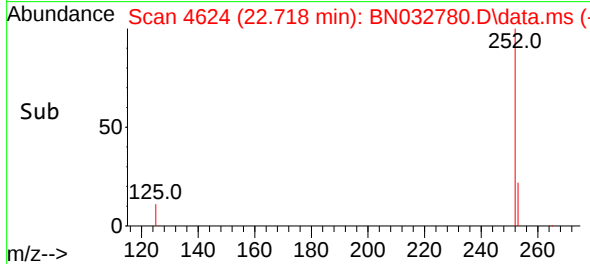
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:252 Resp: 12451
Ion Ratio Lower Upper
252 100
253 24.4 0.0 54.0
125 16.2 0.0 36.0

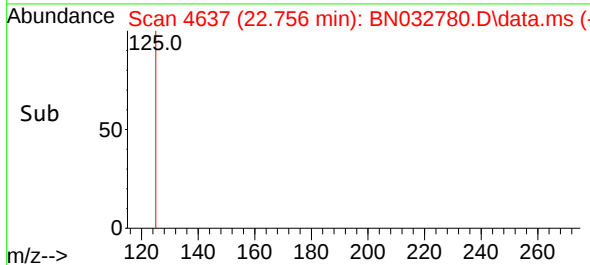
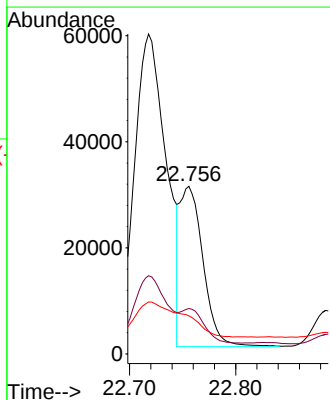
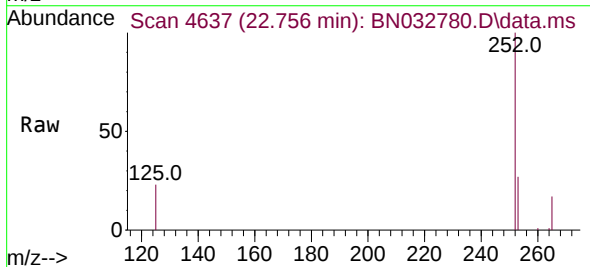
Manual Integrations
APPROVED

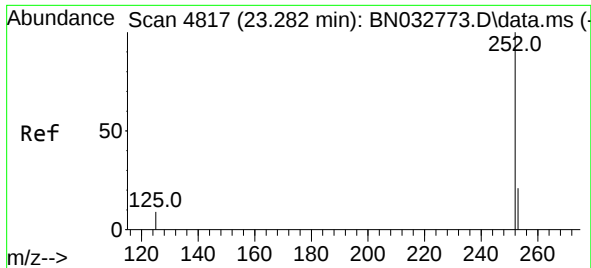
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.532 ng/ul m
RT: 22.756 min Scan# 4637
Delta R.T. 0.002 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

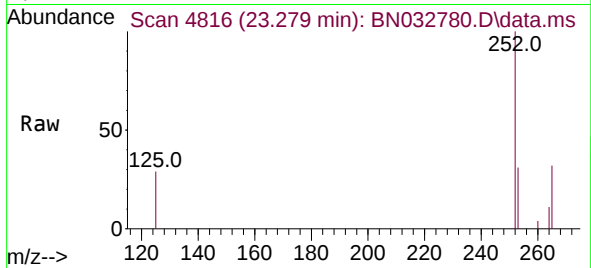
Tgt Ion:252 Resp: 46017
Ion Ratio Lower Upper
252 100
253 27.1 21.2 31.8
125 22.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.527 ng/ul
RT: 23.279 min Scan# 4816
Delta R.T. 0.002 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

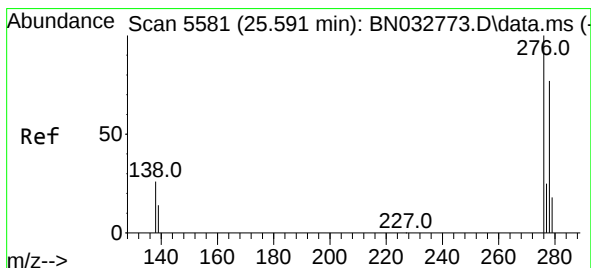
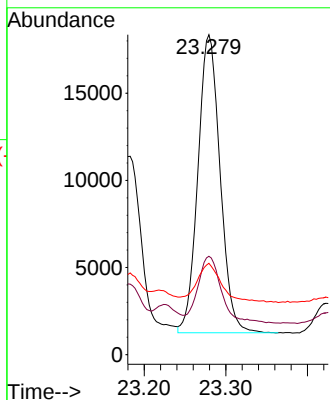
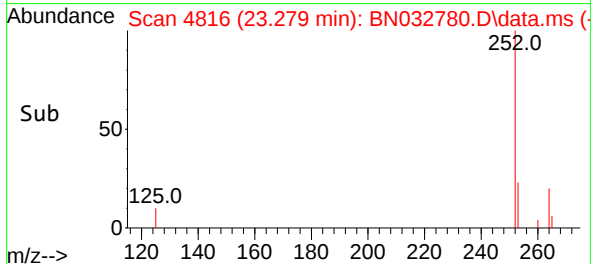
Instrument :
BNA_N
ClientSampleId :
A4BS7DL



Tgt Ion:252 Resp: 3235
Ion Ratio Lower Upper
252 100
253 30.8 25.4 38.0
125 28.6 20.6 30.8

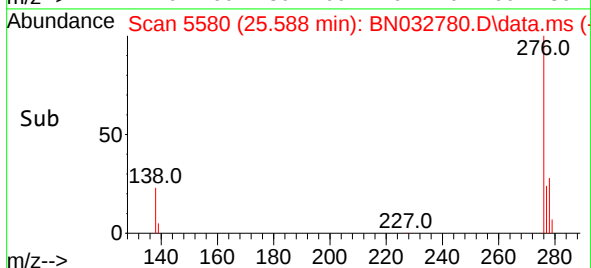
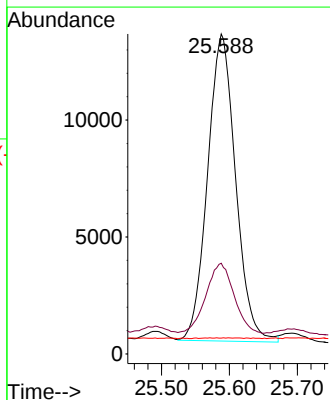
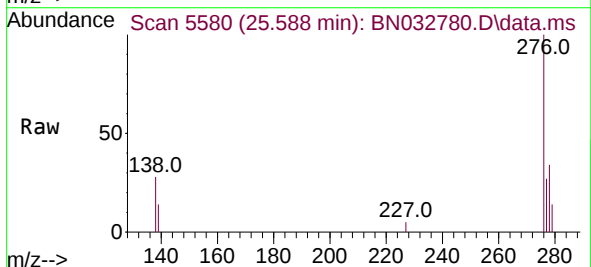
Manual Integrations
APPROVED

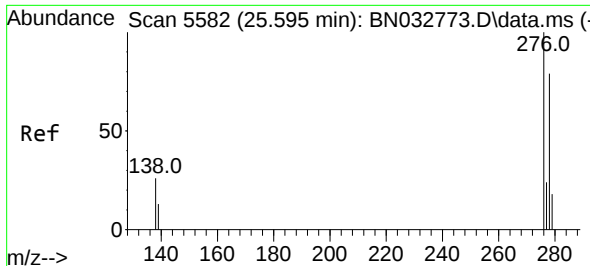
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng/ul
RT: 25.588 min Scan# 5580
Delta R.T. 0.005 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

Tgt Ion:276 Resp: 37617
Ion Ratio Lower Upper
276 100
138 23.3 21.6 32.4
227 0.0 0.0 0.0#





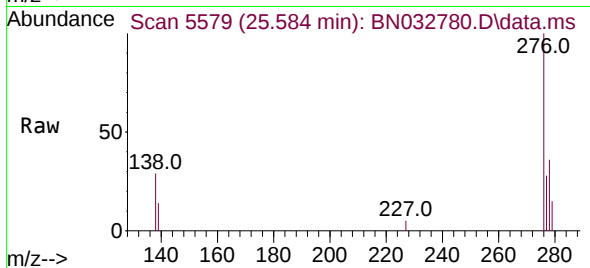
#28
Dibenzo(a,h)anthracene
Concen: 0.229 ng/ul
RT: 25.584 min Scan# 5582
Delta R.T. -0.005 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25

Instrument :

BN_A_N

ClientSampleId :

A4BS7DL



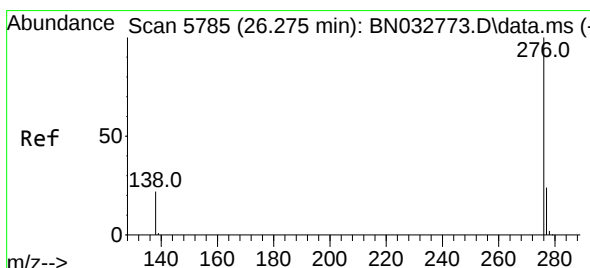
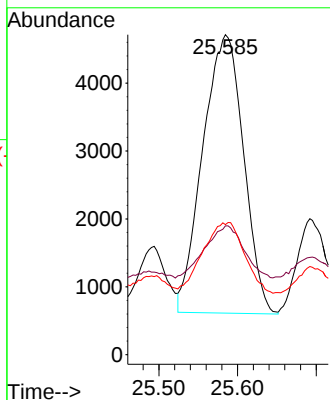
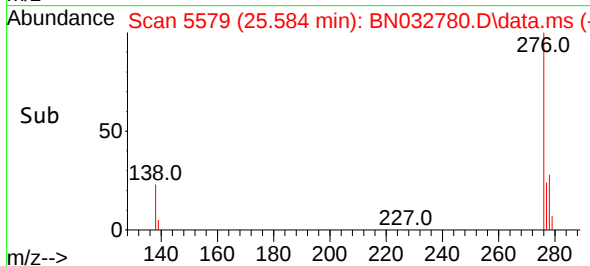
Tgt Ion:278 Resp: 14780
Ion Ratio Lower Upper
278 100
139 40.3 16.6 24.8
279 40.6 23.7 35.5

Manual Integrations

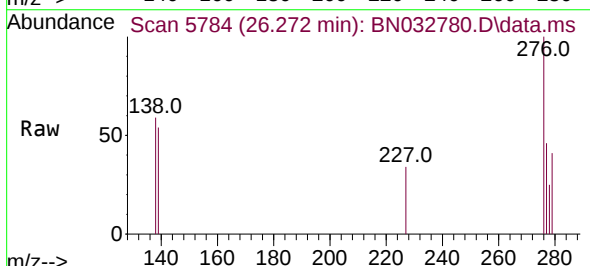
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.076 ng/ul
RT: 26.272 min Scan# 5784
Delta R.T. 0.012 min
Lab File: BN032780.D
Acq: 17 Jul 2024 15:25



Tgt Ion:276 Resp: 5286
Ion Ratio Lower Upper
276 100
138 59.0 21.0 31.4#
277 46.4 20.6 31.0#

