

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032795.D
 Acq On : 18 Jul 2024 01:06
 Operator : MA/JU
 Sample : P3100-17DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D08DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 02:17:03 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	4548	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	14267	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	8481	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	17196	0.400	ng/ul	-0.01
17) Chrysene-d12	21.165	240	16421	0.400	ng/ul	# 0.00
23) Perylene-d12	23.360	264	19816	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	5095	0.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	1355	0.063	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	2887	0.054	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	7088	0.185	ng/ul	99
7) 2-Methylnaphthalene	11.988	142	4173	0.174	ng/ul	96
8) 1-Methylnaphthalene	12.213	142	3716	0.150	ng/ul	100
10) Acenaphthylene	13.911	152	13918	0.406	ng/ul	98
11) Acenaphthene	14.253	153	6423	0.227	ng/ul	100
12) Fluorene	15.252	166	7180	0.222	ng/ul#	98
15) Phenanthrene	16.991	178	129773	2.771	ng/ul	99
16) Anthracene	17.083	178	31944	0.835	ng/ul	99
19) Fluoranthene	19.022	202	240846	3.607	ng/ul	99
20) Pyrene	19.389	202	162730	2.355	ng/ul	97
21) Benzo(a)anthracene	21.147	228	116800	2.235	ng/ul	98
22) Chrysene	21.200	228	133428	1.765	ng/ul	97
24) Benzo(b)fluoranthene	22.702	252	181217m	2.592	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	60897m	0.715	ng/ul	
26) Benzo(a)pyrene	23.263	252	56171	0.928	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.572	276	56362	0.688	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.562	278	23219	0.366	ng/ul#	53
29) Benzo(g,h,i)perylene	26.257	276	8139	0.119	ng/ul#	57

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

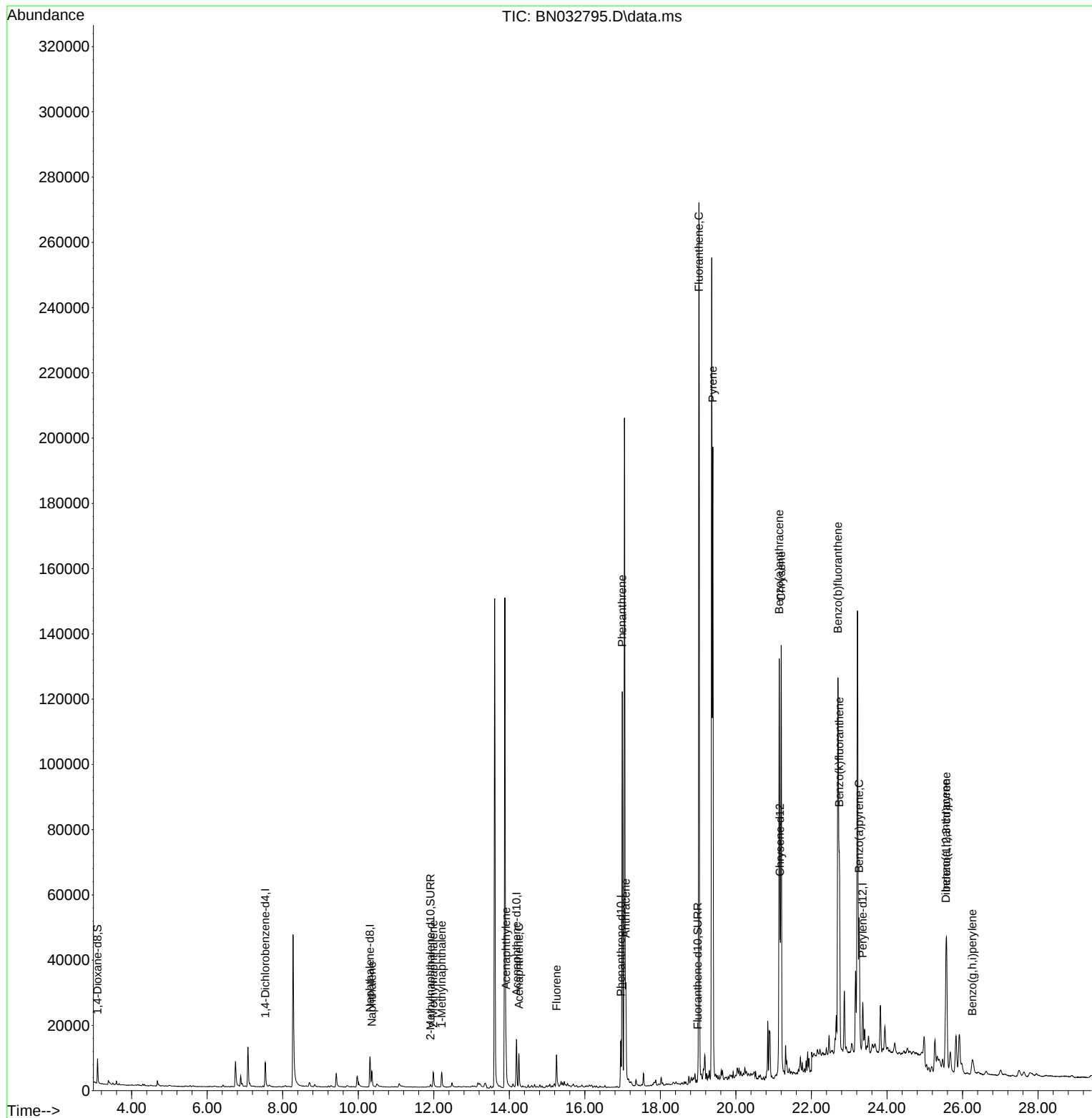
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032795.D
Acq On : 18 Jul 2024 01:06
Operator : MA/JU
Sample : P3100-17DL 5X
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ALS Vial : 67 Sample Multiplier: 1

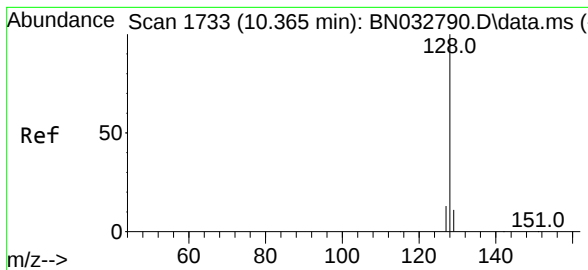
Instrument :
BNA_N
ClientSampleId :
A4D08DL

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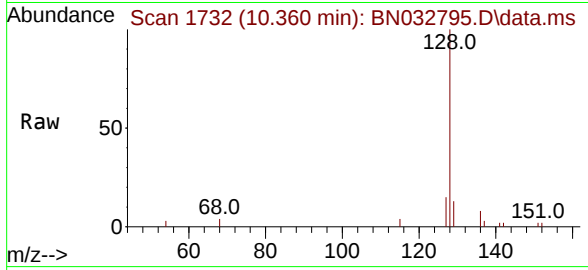
Quant Time: Jul 18 02:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

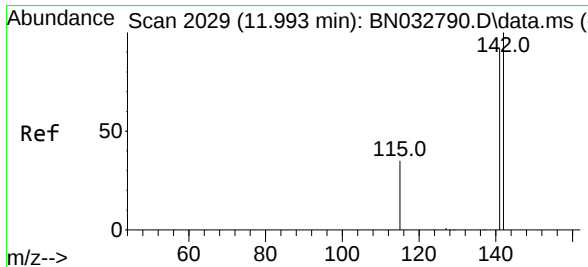
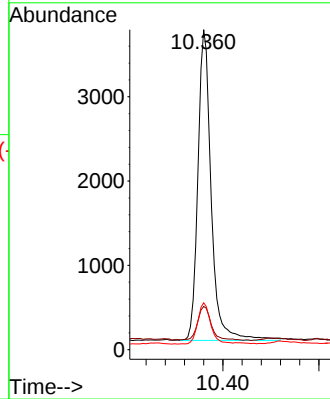
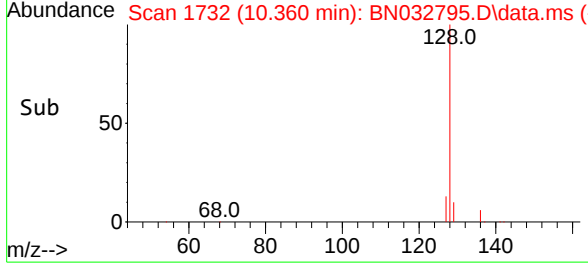
Instrument :
BNA_N
ClientSampleId :
A4D08DL



Tgt Ion:128 Resp: 7088
Ion Ratio Lower Upper
128 100
129 13.5 10.0 15.0
127 14.6 11.6 17.4

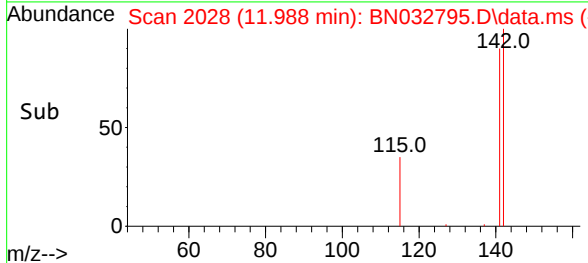
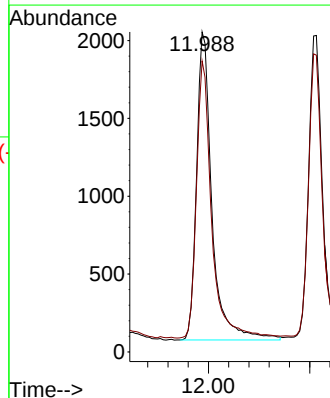
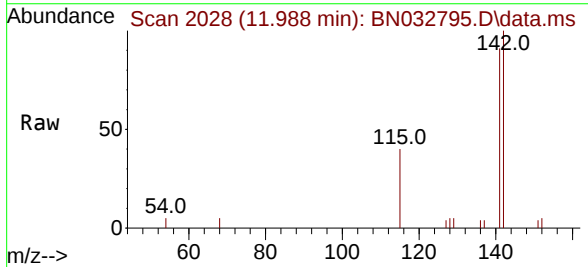
Manual Integrations
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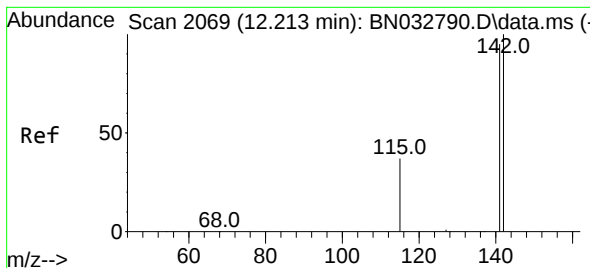
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

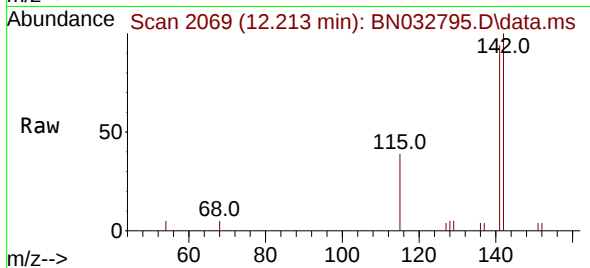
Tgt Ion:142 Resp: 4173
Ion Ratio Lower Upper
142 100
141 88.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

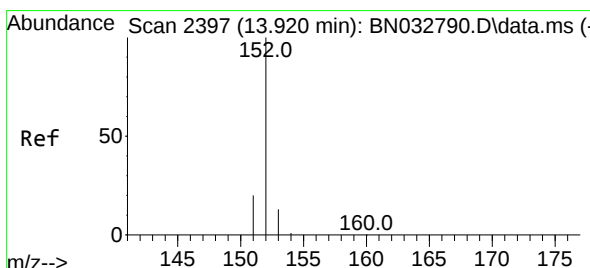
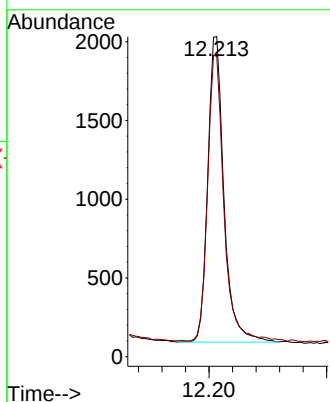
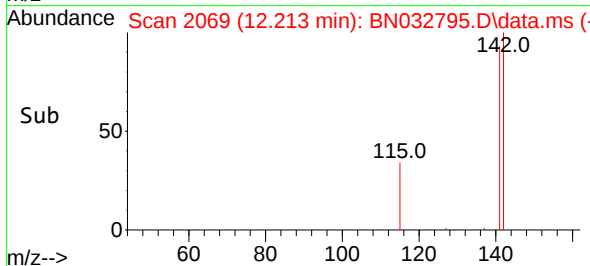
Instrument :
BNA_N
ClientSampleId :
A4D08DL



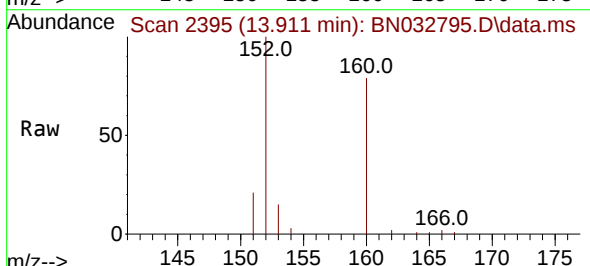
Tgt Ion:142 Resp: 3710
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

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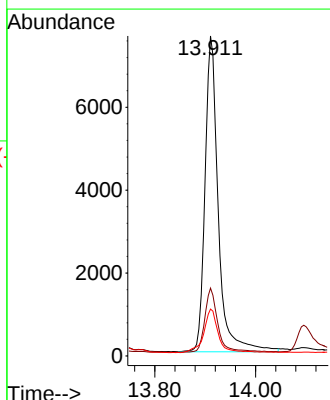
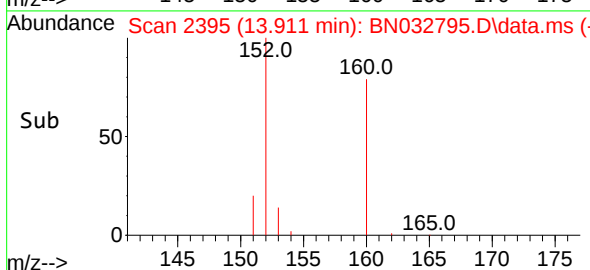
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Supervised By :mohammad ahmed 07/19/2024

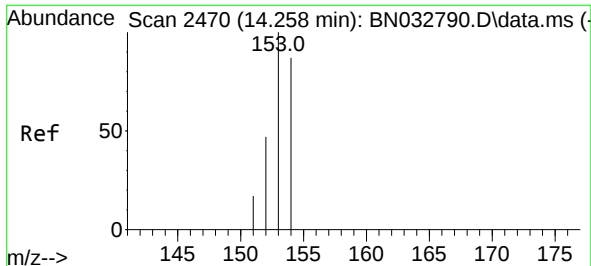


#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06



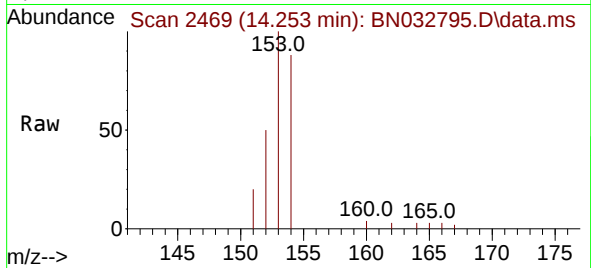
Tgt Ion:152 Resp: 13918
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.7 11.3 16.9





#11
Acenaphthene
Concen: 0.227 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

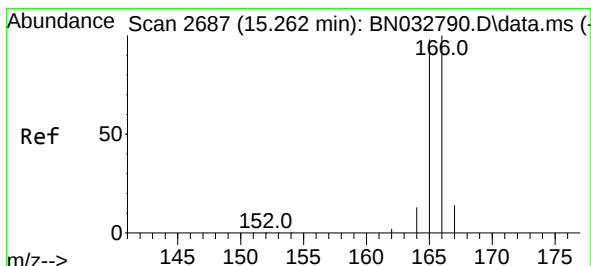
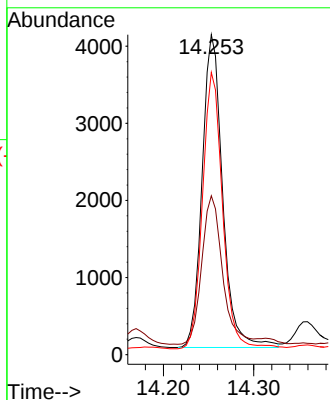
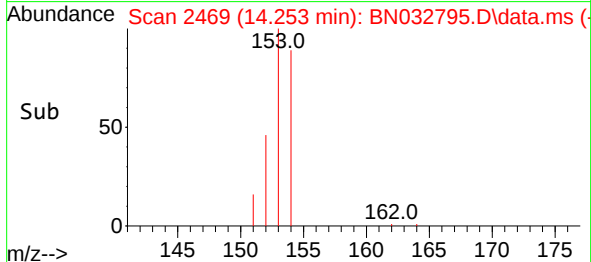
Instrument :
BNA_N
ClientSampleId :
A4D08DL



Tgt Ion:153 Resp: 642
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 88.2 70.2 105.4

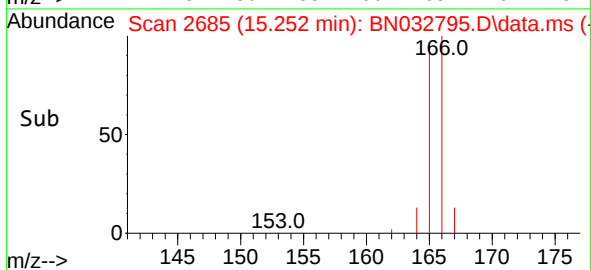
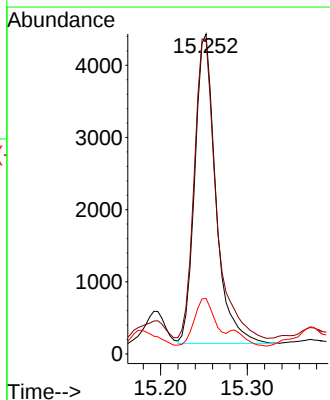
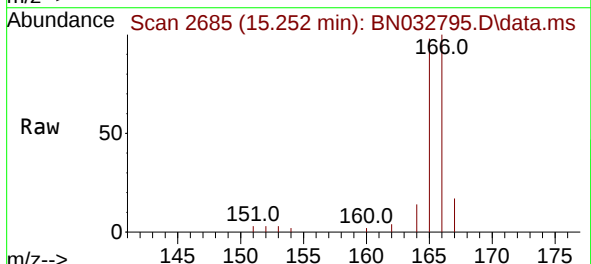
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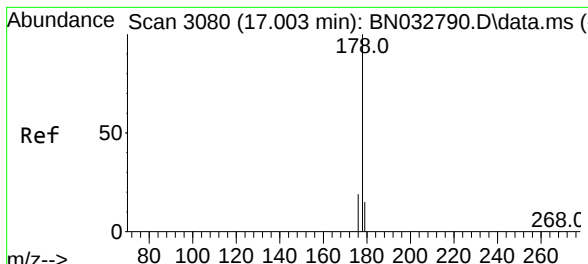
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.222 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

Tgt Ion:166 Resp: 7180
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 17.3 11.4 17.2#



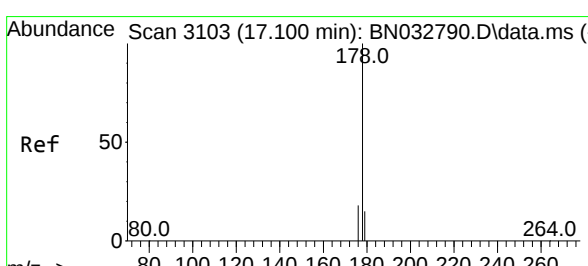
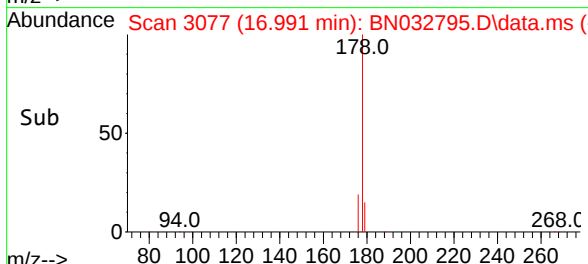
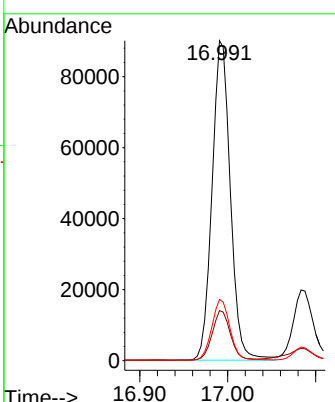
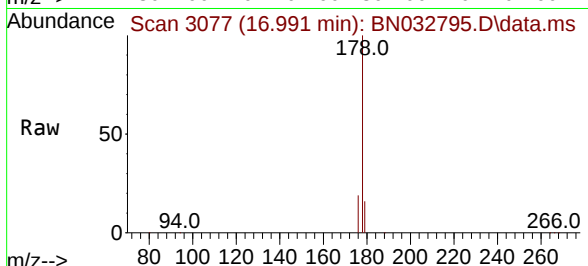


#15
 Phenanthrene
 Concen: 2.771 ng/ul
 RT: 16.991 min Scan# 3077
 Delta R.T. -0.017 min
 Lab File: BN032795.D
 Acq: 18 Jul 2024 01:06

Instrument : BNA_N
 ClientSampleId : A4D08DL

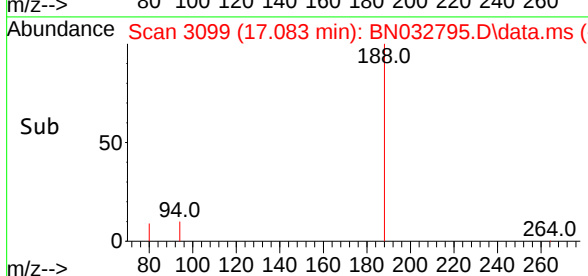
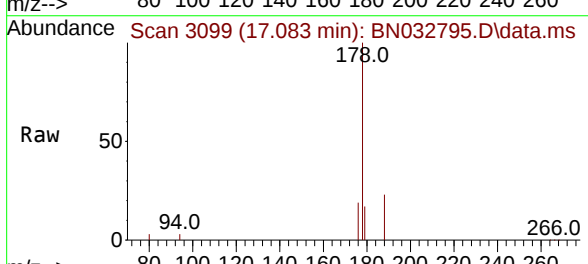
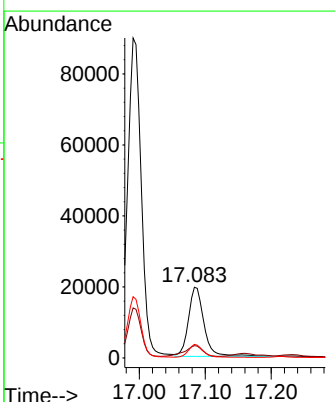
Tgt Ion:	178	Resp:	12977
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.4
176	19.1	15.6	23.4

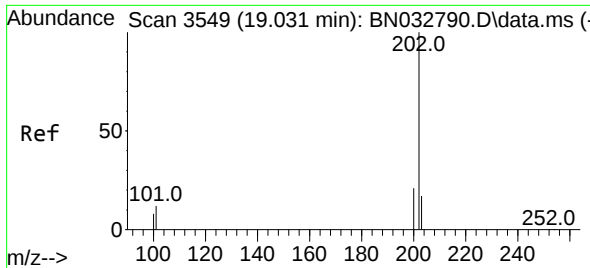
Manual Integrations
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#16
 Anthracene
 Concen: 0.835 ng/ul
 RT: 17.083 min Scan# 3099
 Delta R.T. -0.021 min
 Lab File: BN032795.D
 Acq: 18 Jul 2024 01:06

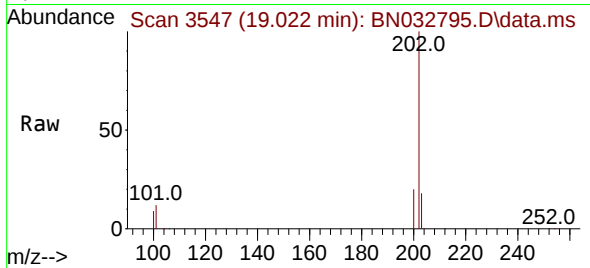
Tgt Ion:	178	Resp:	31944
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.4	20.2
176	19.1	15.4	23.0





#19
Fluoranthene
Concen: 3.607 ng/u1
RT: 19.022 min Scan# 3549
Delta R.T. -0.009 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

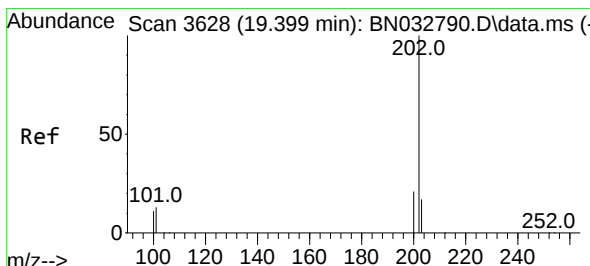
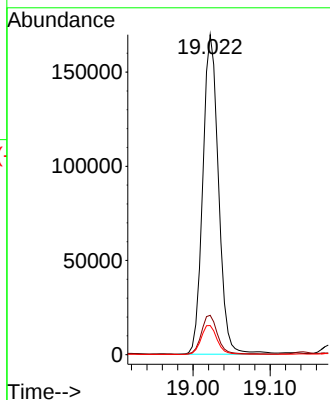
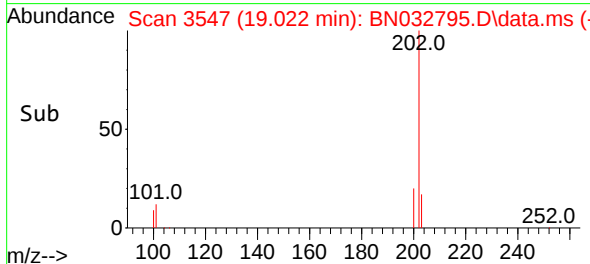
Instrument :
BNA_N
ClientSampleId :
A4D08DL



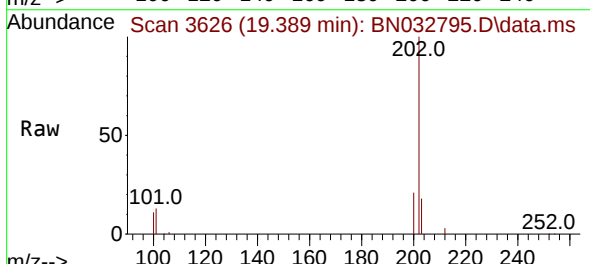
Tgt Ion:202 Resp: 240840
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.1 7.9 11.9

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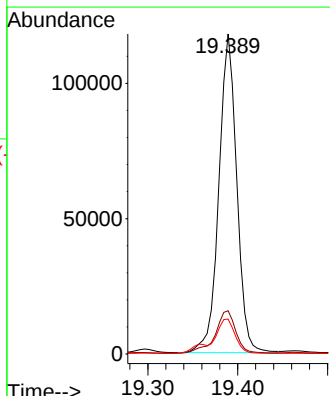
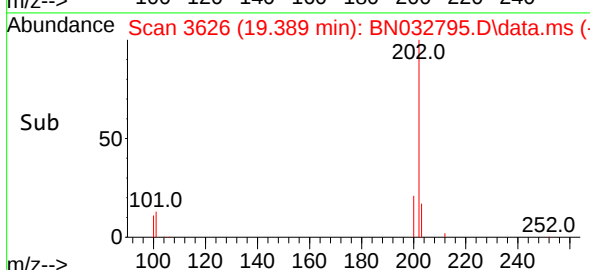
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

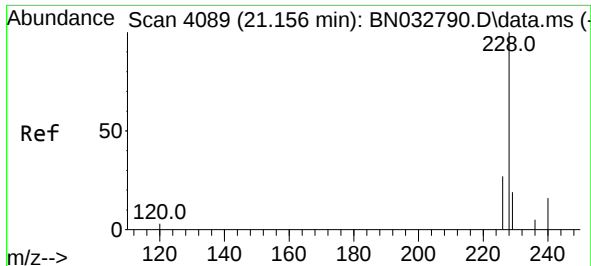


#20
Pyrene
Concen: 2.355 ng/u1
RT: 19.389 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06



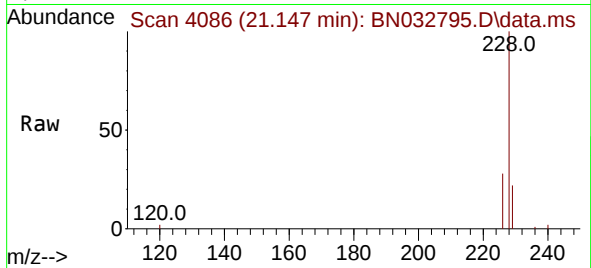
Tgt Ion:202 Resp: 162730
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.235 ng/ul
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

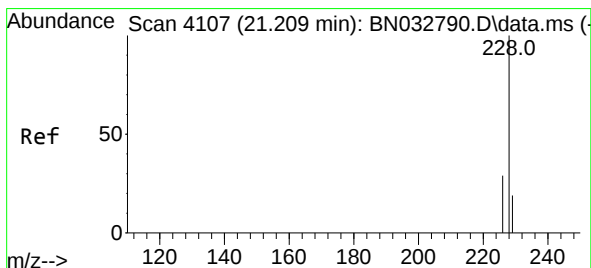
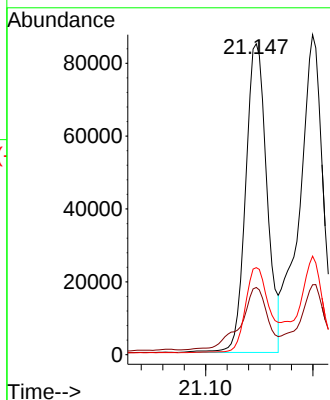
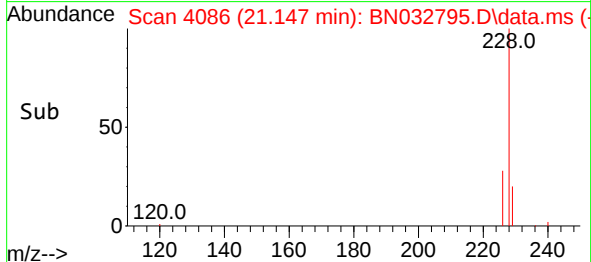
Instrument :
BNA_N
ClientSampleId :
A4D08DL



Tgt Ion:228 Resp: 116800
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.0 21.9 32.9

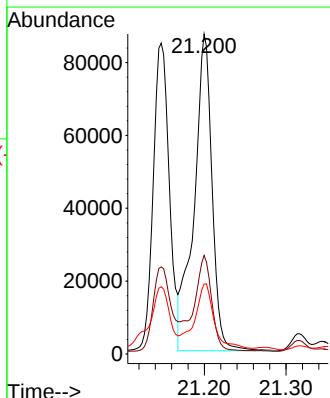
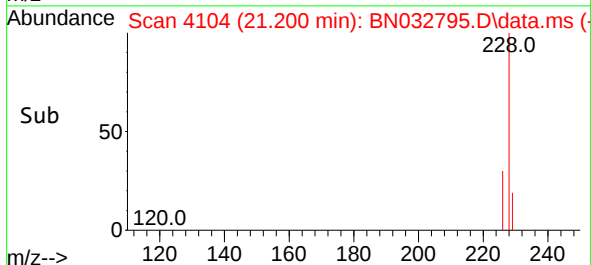
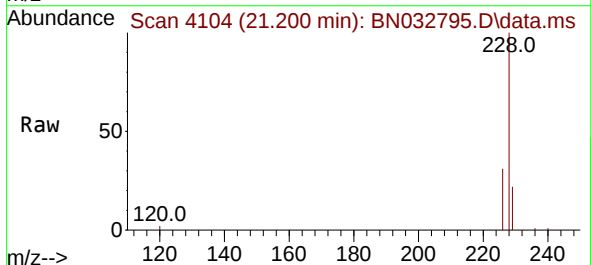
Manual Integrations
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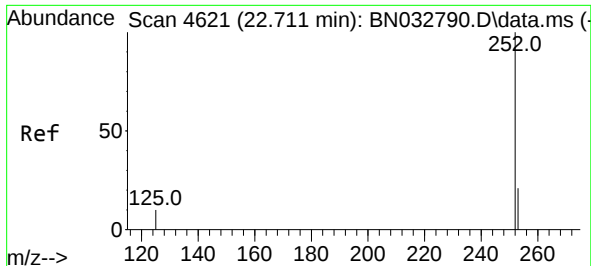
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.765 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

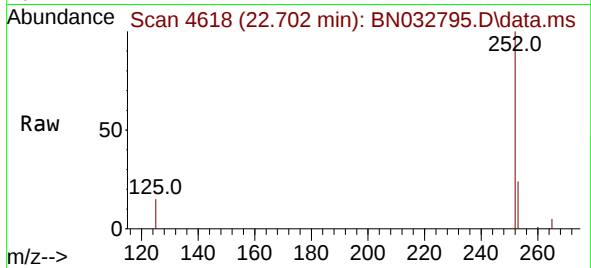
Tgt Ion:228 Resp: 133428
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.592 ng/ul m
RT: 22.702 min Scan# 4618
Delta R.T. -0.009 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

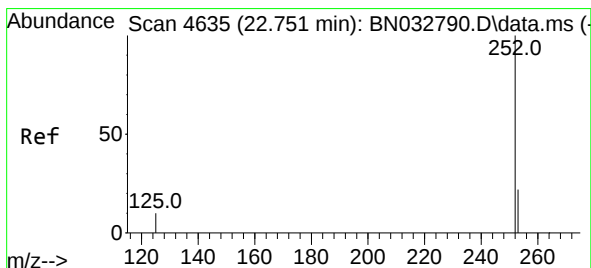
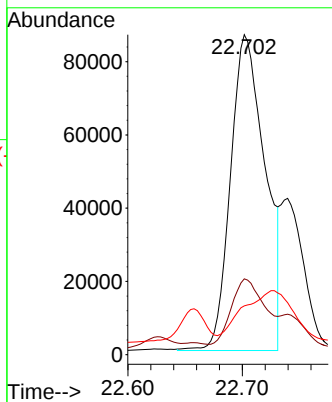
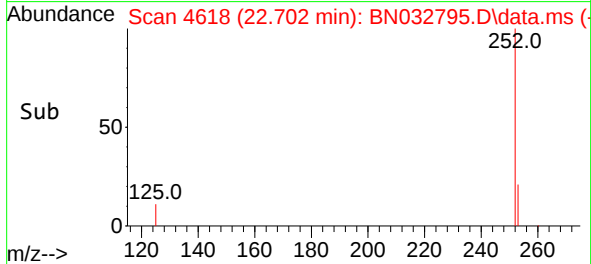
Instrument :
BNA_N
ClientSampleId :
A4D08DL



Tgt Ion:252 Resp: 18121
Ion Ratio Lower Upper
252 100
253 23.7 0.0 54.0
125 15.2 0.0 36.0

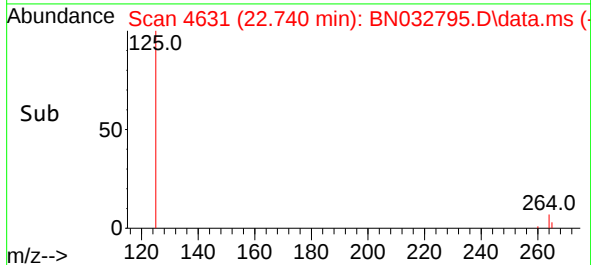
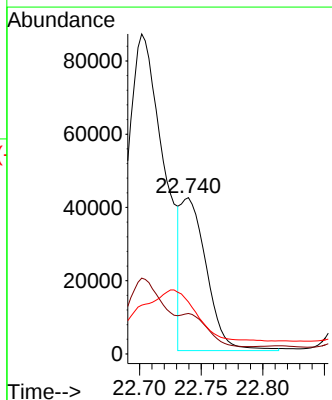
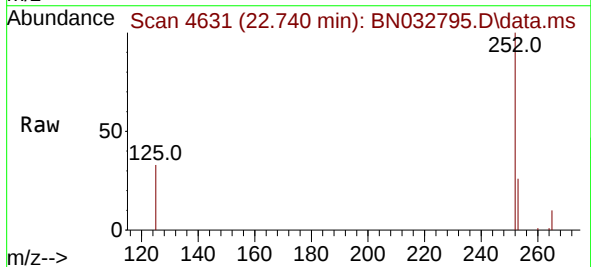
Manual Integrations
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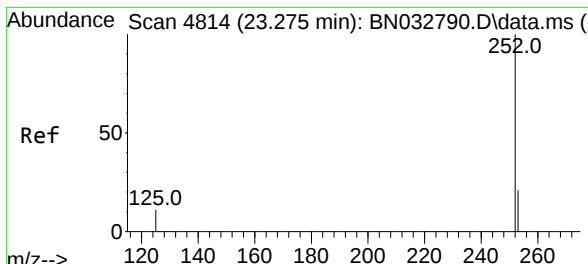
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.715 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.015 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

Tgt Ion:252 Resp: 60897
Ion Ratio Lower Upper
252 100
253 25.9 21.2 31.8
125 33.3 14.8 22.2#





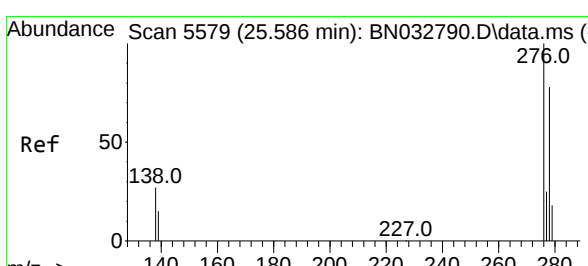
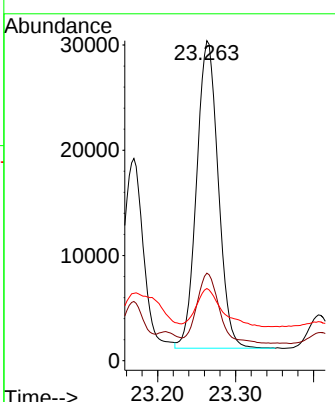
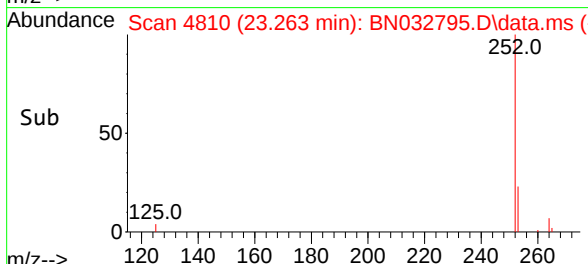
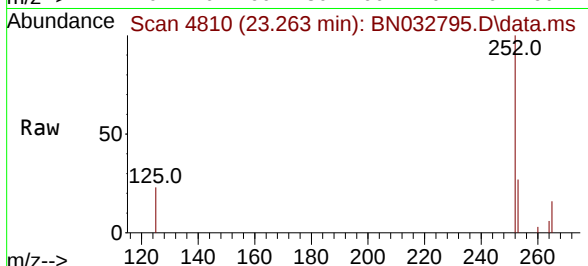
#26
 Benzo(a)pyrene
 Concen: 0.928 ng/ul
 RT: 23.263 min Scan# 4814
 Delta R.T. -0.015 min
 Lab File: BN032795.D
 Acq: 18 Jul 2024 01:06

Instrument : BNA_N
 ClientSampleId : A4D08DL

Tgt Ion:	252	Resp:	5617
Ion Ratio	Lower	Upper	
252	100		
253	27.4	25.4	38.0
125	22.6	20.6	30.8

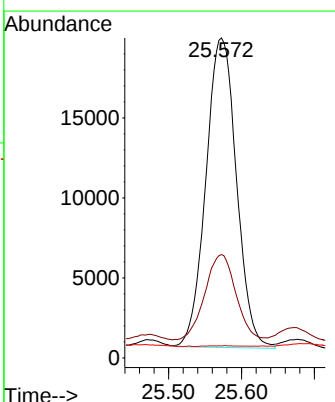
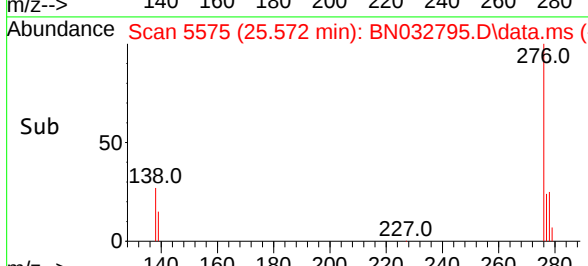
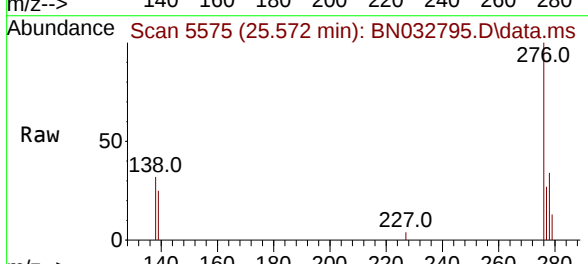
Manual Integrations
 APPROVED

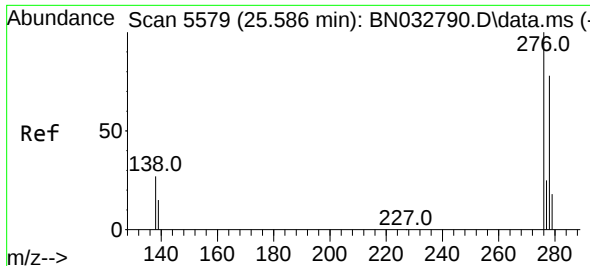
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.688 ng/ul
 RT: 25.572 min Scan# 5575
 Delta R.T. -0.010 min
 Lab File: BN032795.D
 Acq: 18 Jul 2024 01:06

Tgt Ion:	276	Resp:	56362
Ion Ratio	Lower	Upper	
276	100		
138	28.6	21.6	32.4
227	0.2	0.0	0.0





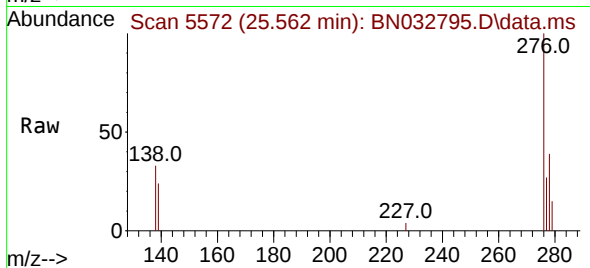
#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 25.562 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06

Instrument :

BNA_N

ClientSampleId :

A4D08DL



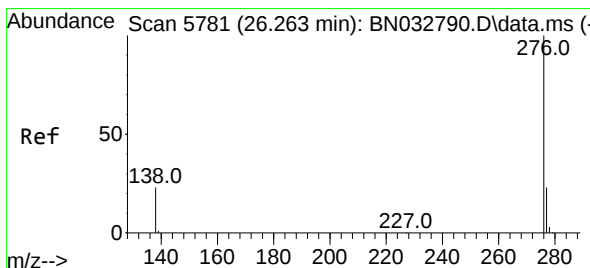
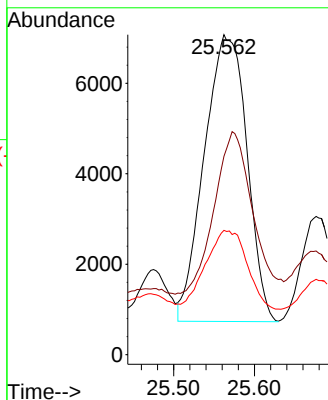
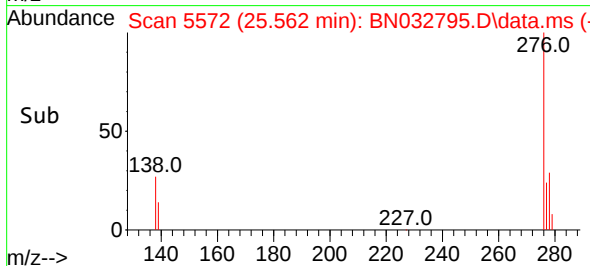
Tgt Ion:278 Resp: 23219
Ion Ratio Lower Upper
278 100
139 62.0 16.6 24.8
279 38.9 23.7 35.5

Manual Integrations

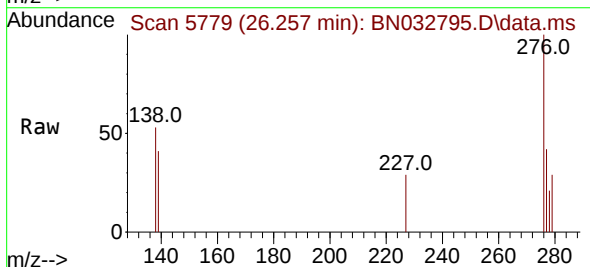
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.119 ng/ul
RT: 26.257 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BN032795.D
Acq: 18 Jul 2024 01:06



Tgt Ion:276 Resp: 8139
Ion Ratio Lower Upper
276 100
138 53.1 21.0 31.4#
277 42.2 20.6 31.0#

