

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032783.D
 Acq On : 17 Jul 2024 17:14
 Operator : MA/JU
 Sample : P3100-12DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 17:49:23 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	5414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	15911	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.196	164	8692	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	16560	0.400	ng/ul	-0.01
17) Chrysene-d12	21.169	240	16195	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	18805m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3364	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	833	0.035	ng/ul	-0.01
18) Fluoranthene-d10	18.993	212	1865	0.035	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	1976	0.046	ng/ul#	87
7) 2-Methylnaphthalene	11.997	142	713	0.027	ng/ul	94
8) 1-Methylnaphthalene	12.217	142	615	0.022	ng/ul	99
10) Acenaphthylene	13.914	152	4844	0.138	ng/ul	96
11) Acenaphthene	14.256	153	2940	0.101	ng/ul	99
12) Fluorene	15.256	166	3465	0.104	ng/ul	98
15) Phenanthrene	16.998	178	74584	1.654	ng/ul	99
16) Anthracene	17.091	178	16153	0.438	ng/ul	98
19) Fluoranthene	19.025	202	189430	2.877	ng/ul	98
20) Pyrene	19.392	202	167224	2.454	ng/ul	98
21) Benzo(a)anthracene	21.155	228	85083	1.650	ng/ul	98
22) Chrysene	21.207	228	100256	1.344	ng/ul	98
24) Benzo(b)fluoranthene	22.712	252	149856m	2.259	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	48451m	0.599	ng/ul	
26) Benzo(a)pyrene	23.273	252	95054	1.655	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.581	276	73987	0.952	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.581	278	17703	0.294	ng/ul#	79
29) Benzo(g,h,i)perylene	26.262	276	74813	1.151	ng/ul	100

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

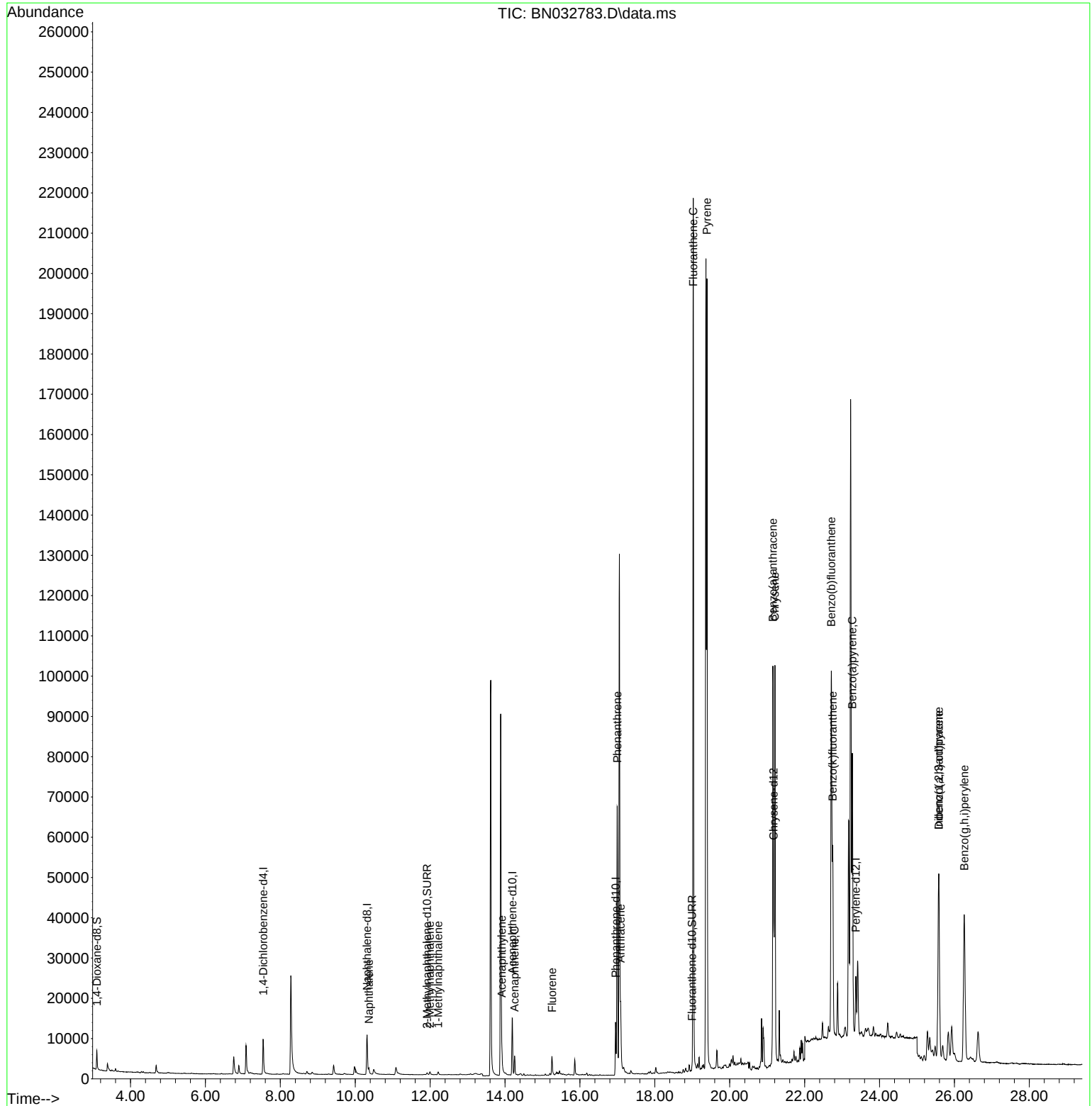
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032783.D
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ALS Vial : 54 Sample Multiplier: 1

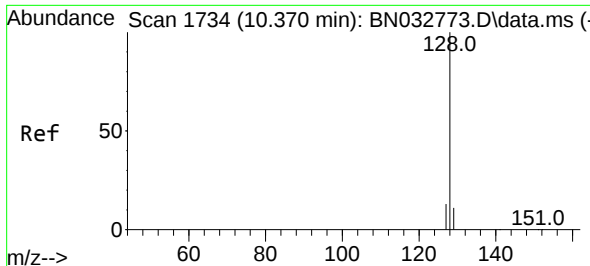
Instrument :
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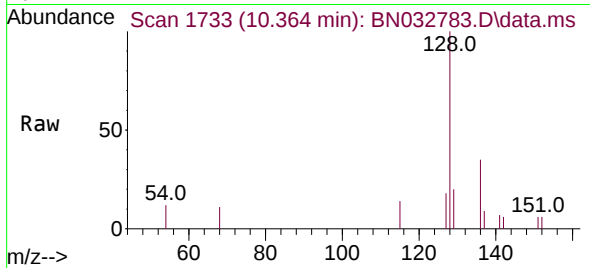
Quant Time: Jul 17 17:49:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

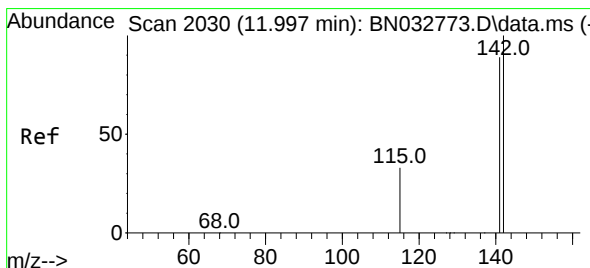
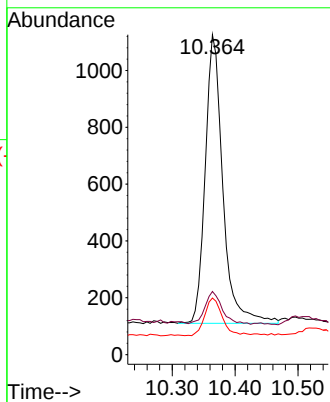
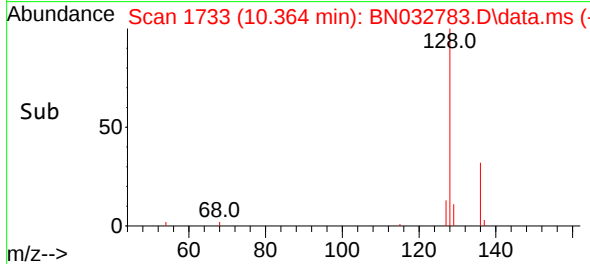
Instrument :
BNA_N
ClientSampleId :
A4BX0DL



Tgt Ion:128 Resp: 1970
Ion Ratio Lower Upper
128 100
129 19.7 10.0 15.0
127 17.7 11.6 17.4

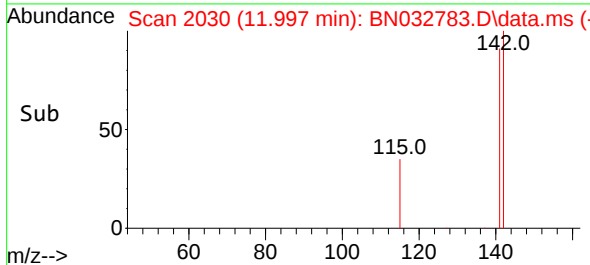
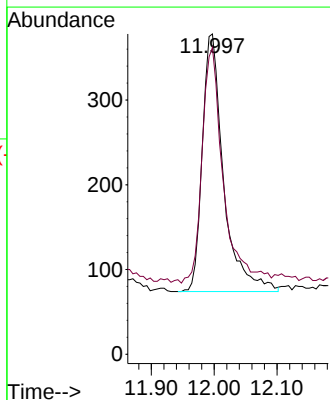
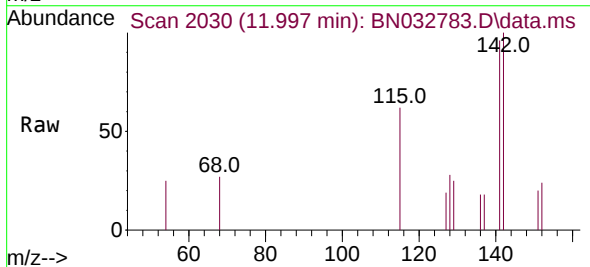
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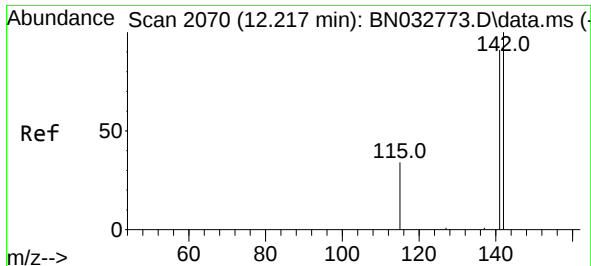
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.007 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

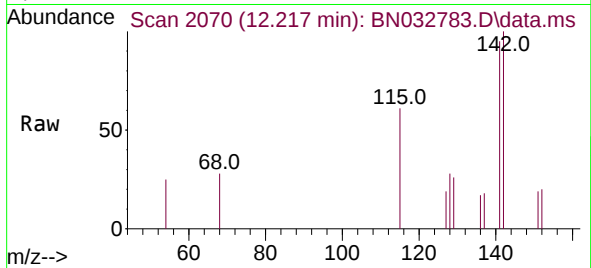
Tgt Ion:142 Resp: 713
Ion Ratio Lower Upper
142 100
141 87.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.217 min Scan# 2070
Delta R.T. -0.002 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

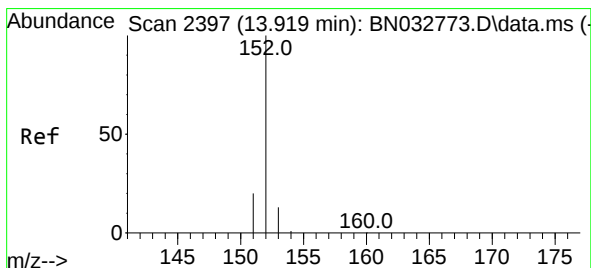
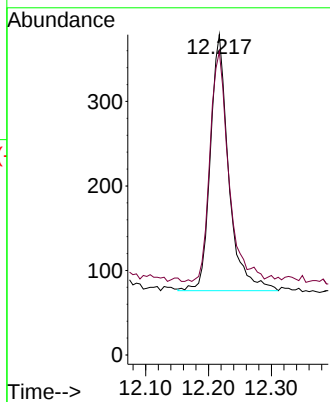
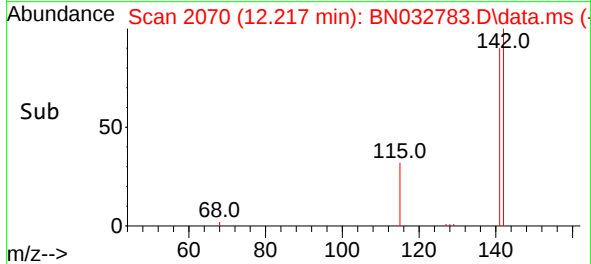
Instrument :
BNA_N
ClientSampleId :
A4BX0DL



Tgt Ion:142 Resp: 615
Ion Ratio Lower Upper
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141 92.5 75.0 112.4

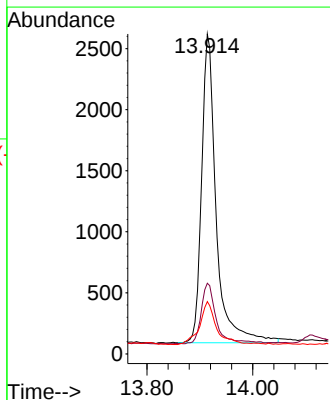
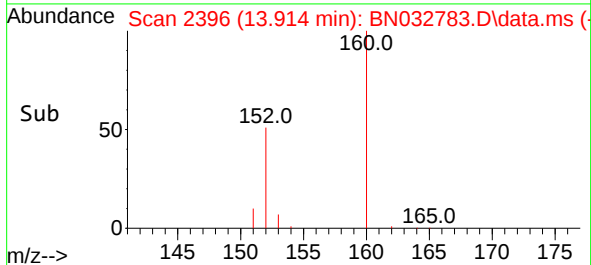
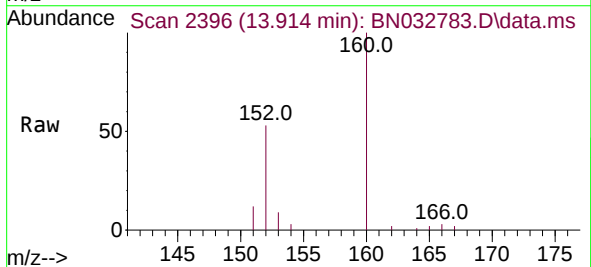
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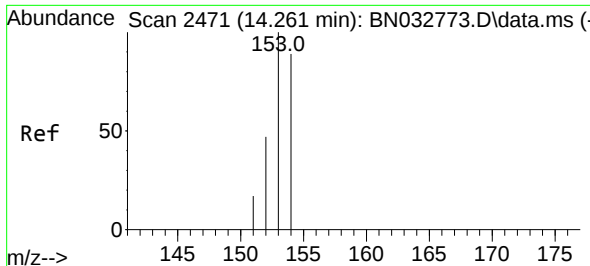
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

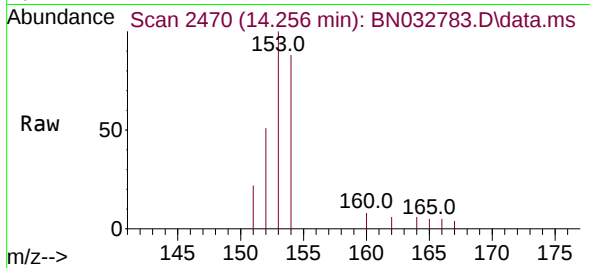
Tgt Ion:152 Resp: 4844
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 16.3 11.3 16.9





#11
Acenaphthene
Concen: 0.101 ng/u1
RT: 14.256 min Scan# 2471
Delta R.T. -0.002 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

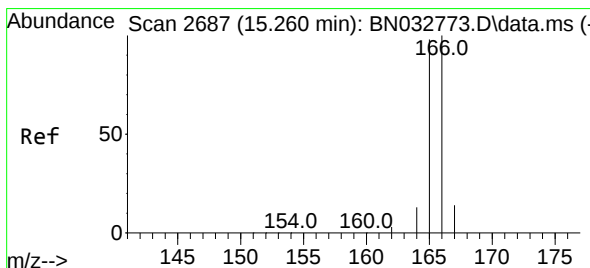
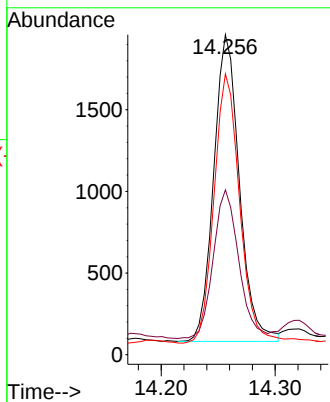
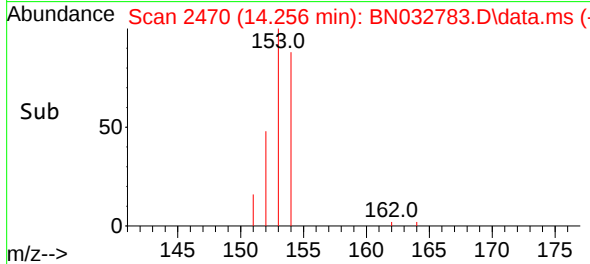
Instrument :
BNA_N
ClientSampleId :
A4BX0DL



Tgt Ion:153 Resp: 2940
Ion Ratio Lower Upper
153 100
152 51.5 40.0 60.0
154 87.8 70.2 105.4

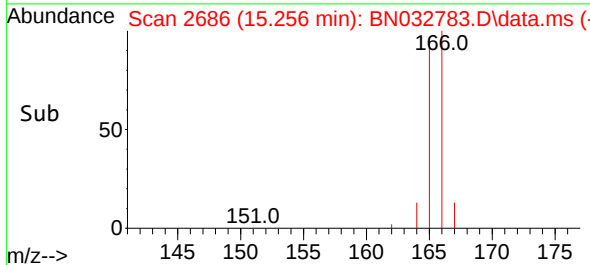
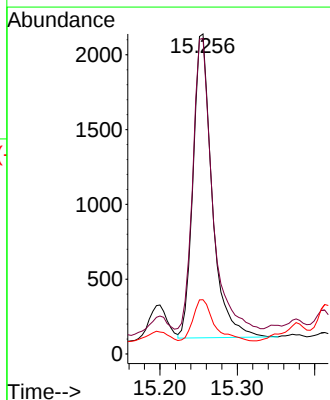
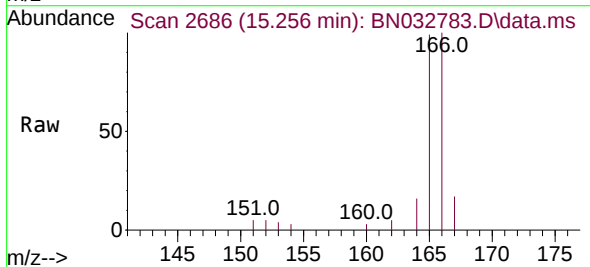
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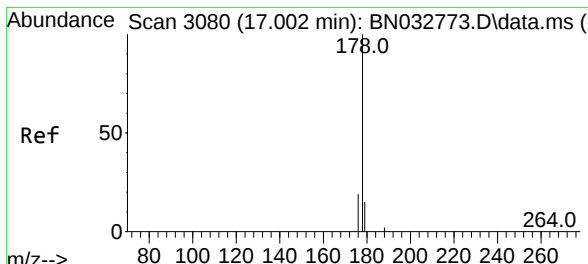
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.104 ng/u1
RT: 15.256 min Scan# 2686
Delta R.T. -0.011 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

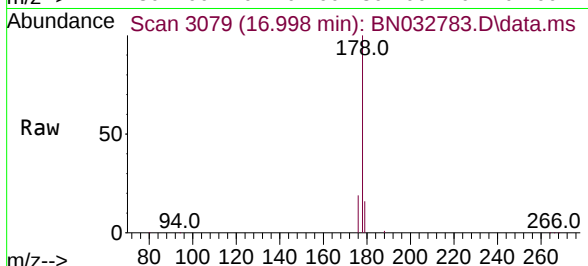
Tgt Ion:166 Resp: 3465
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 17.0 11.4 17.2





#15
Phenanthrene
Concen: 1.654 ng/ul
RT: 16.998 min Scan# 3079
Delta R.T. -0.010 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

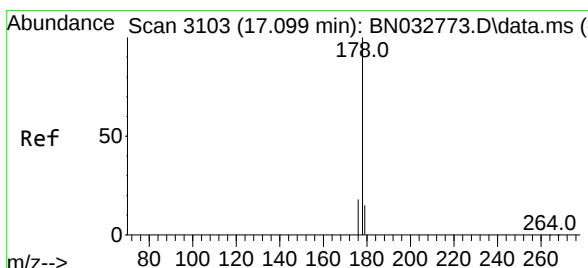
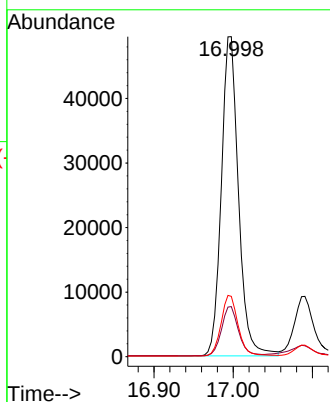
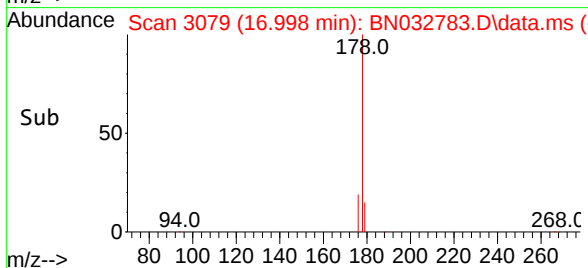
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ClientSampleId :
A4BX0DL



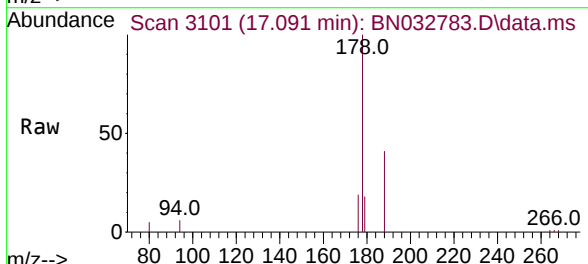
Tgt Ion:178 Resp: 74584
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 18.8 15.6 23.4

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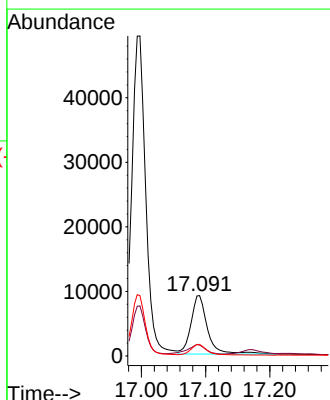
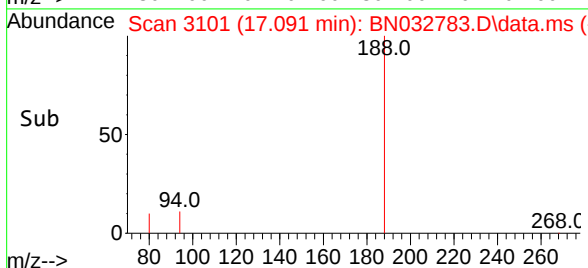
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

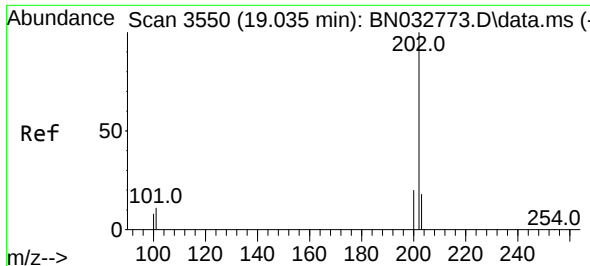


#16
Anthracene
Concen: 0.438 ng/ul
RT: 17.091 min Scan# 3101
Delta R.T. -0.014 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14



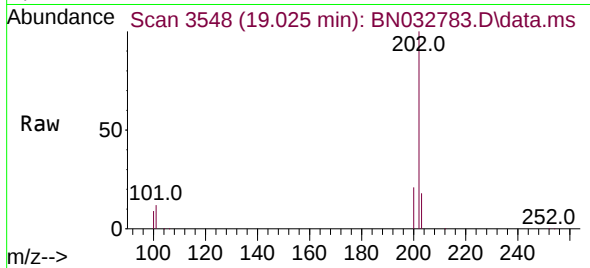
Tgt Ion:178 Resp: 16153
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.2
176 19.0 15.4 23.0





#19
Fluoranthene
Concen: 2.877 ng/ul
RT: 19.025 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

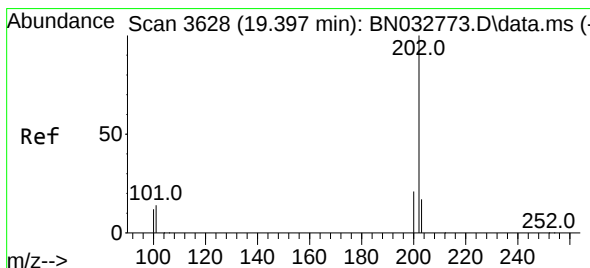
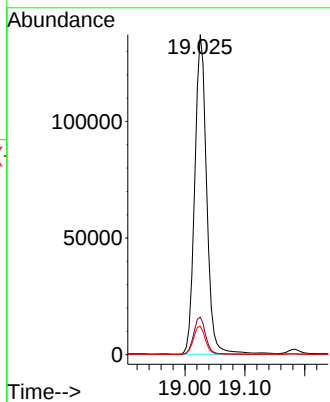
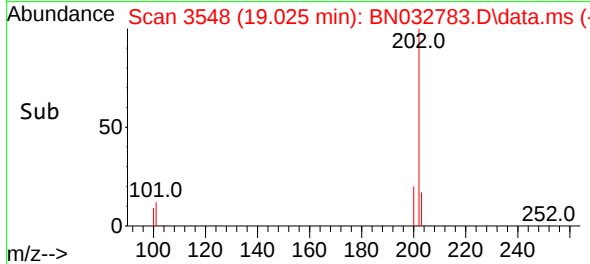
Instrument :
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A4BX0DL



Tgt Ion:202 Resp: 189430
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9

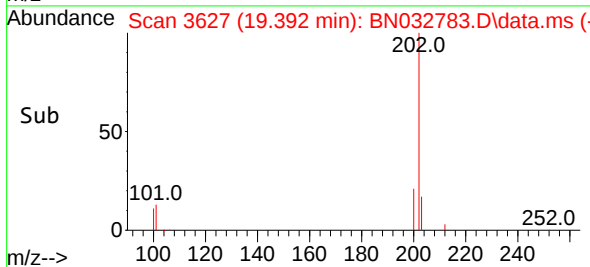
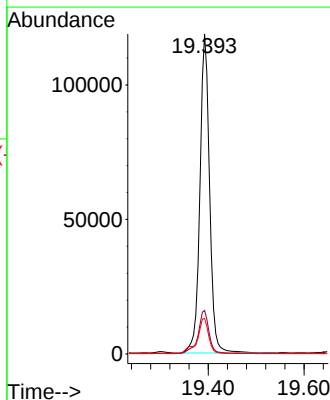
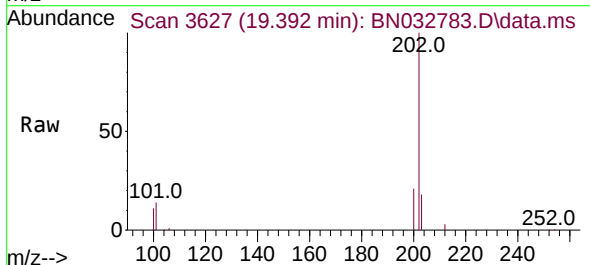
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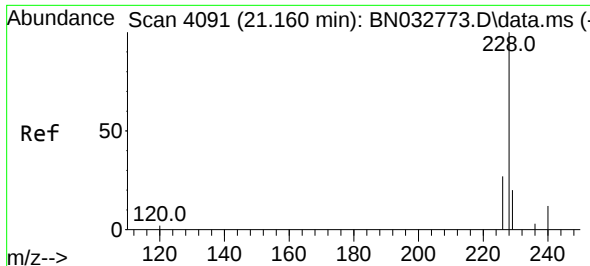
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 2.454 ng/ul
RT: 19.392 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

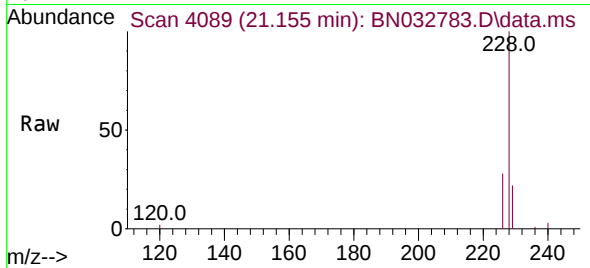
Tgt Ion:202 Resp: 167224
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.650 ng/ul
RT: 21.155 min Scan# 4091
Delta R.T. -0.004 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

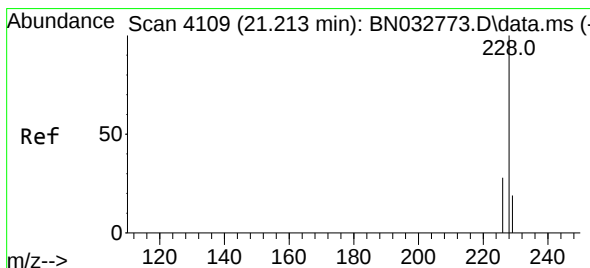
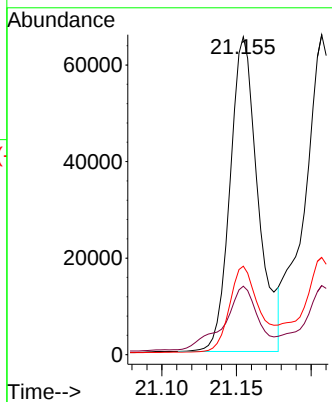
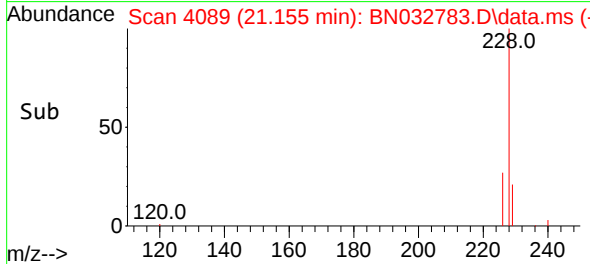
Instrument :
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Tgt Ion:228 Resp: 85083
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 27.8 21.9 32.9

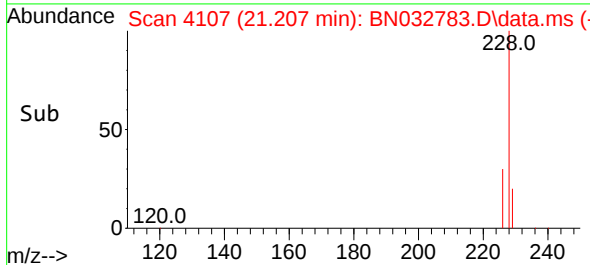
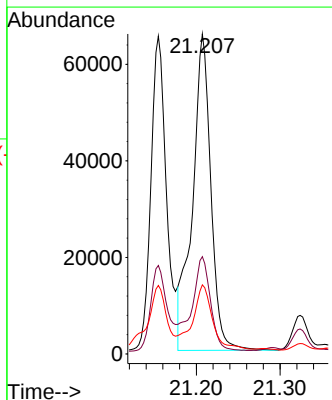
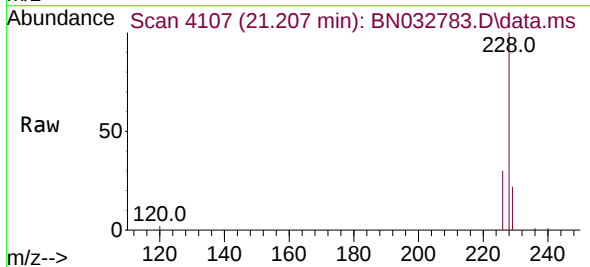
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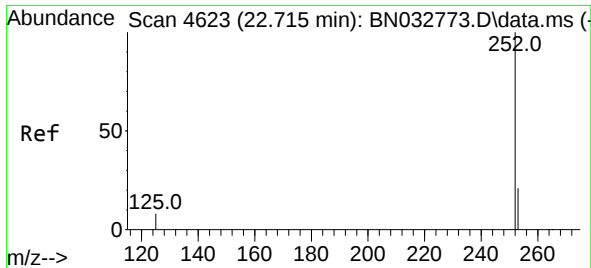
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.344 ng/ul
RT: 21.207 min Scan# 4107
Delta R.T. -0.004 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

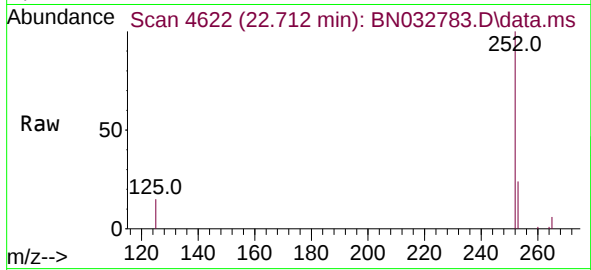
Tgt Ion:228 Resp: 100256
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.259 ng/ul m
RT: 22.712 min Scan# 4622
Delta R.T. 0.001 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

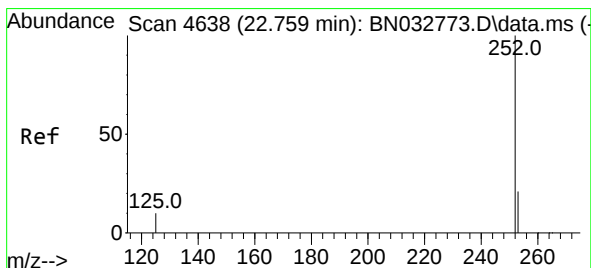
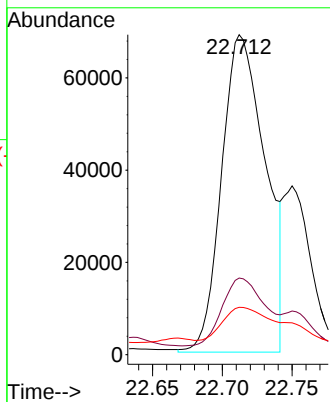
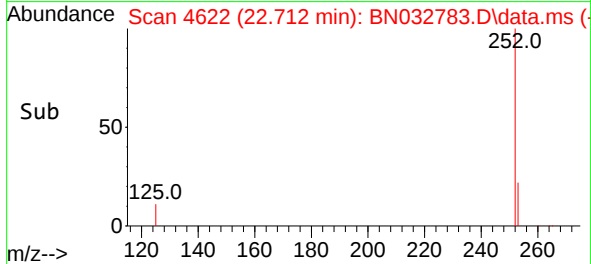
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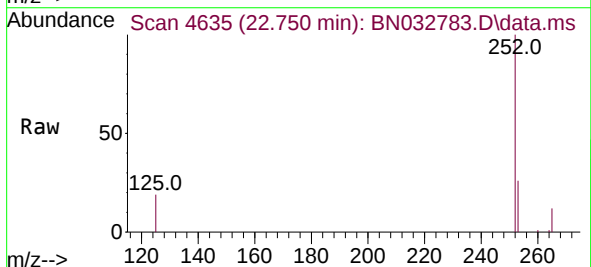
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Ion Ratio Lower Upper
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253 24.0 0.0 54.0
125 14.8 0.0 36.0

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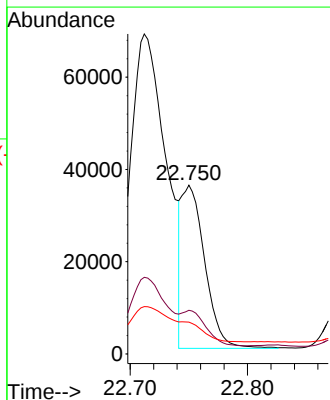
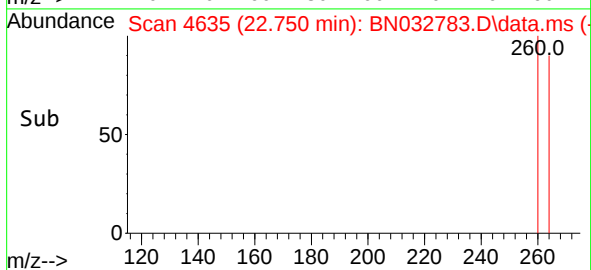
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

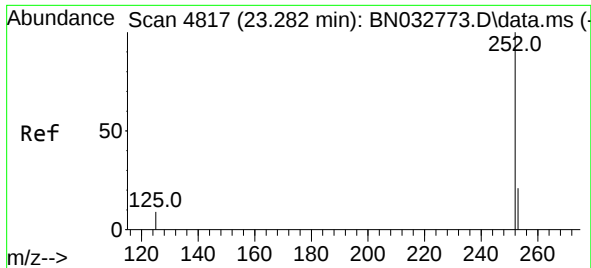


#25
Benzo(k)fluoranthene
Concen: 0.599 ng/ul m
RT: 22.750 min Scan# 4635
Delta R.T. -0.004 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14



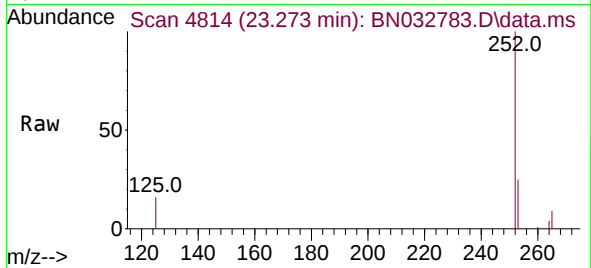
Tgt Ion:252 Resp: 48451
Ion Ratio Lower Upper
252 100
253 25.9 21.2 31.8
125 18.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.655 ng/ul
RT: 23.273 min Scan# 4814
Delta R.T. -0.004 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

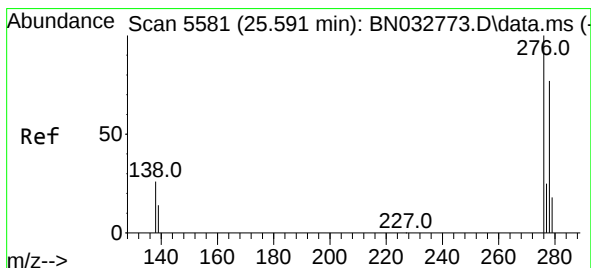
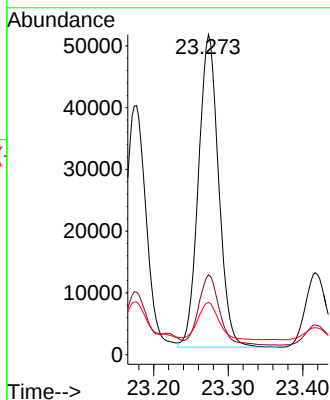
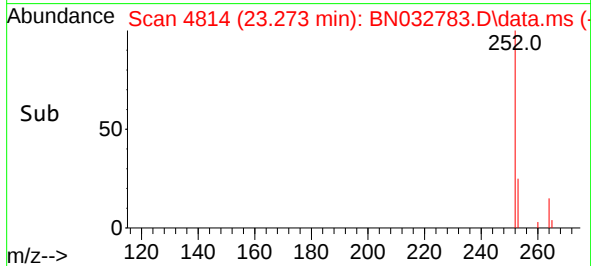
Instrument :
BNA_N
ClientSampleId :
A4BX0DL



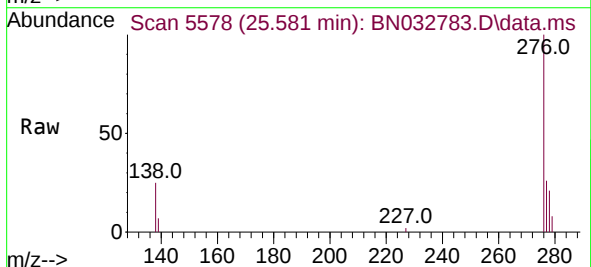
Tgt Ion:252 Resp: 95054
Ion Ratio Lower Upper
252 100
253 25.0 25.4 38.0
125 16.3 20.6 30.8

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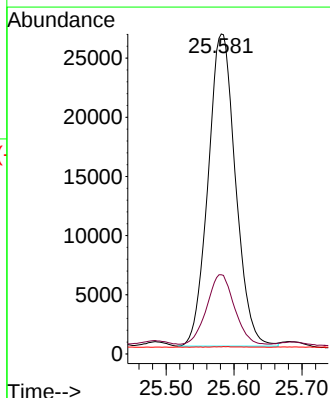
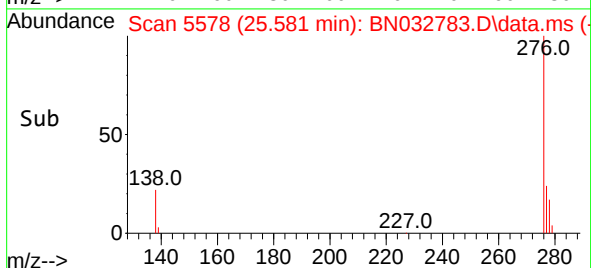
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

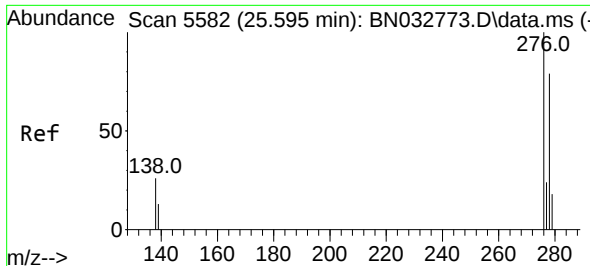


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.952 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. -0.002 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14



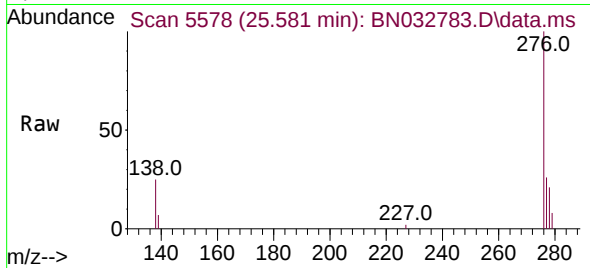
Tgt Ion:276 Resp: 73987
Ion Ratio Lower Upper
276 100
138 22.8 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. -0.008 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

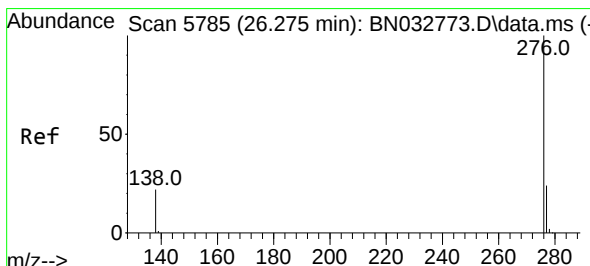
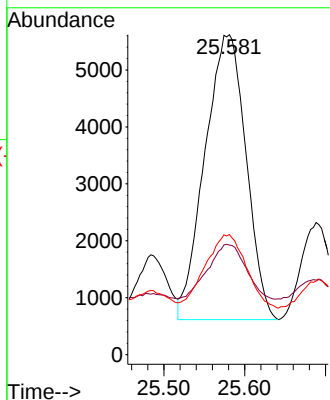
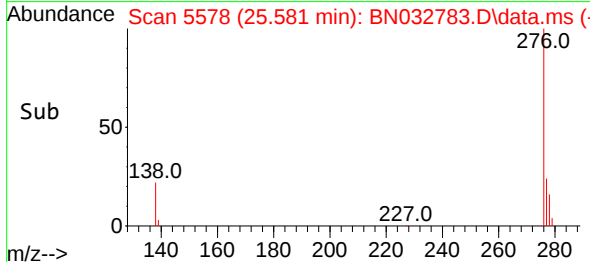
Instrument :
BNA_N
ClientSampleId :
A4BX0DL



Tgt Ion:278 Resp: 1770
Ion Ratio Lower Upper
278 100
139 34.3 16.6 24.8
279 37.6 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: 1.151 ng/ul
RT: 26.262 min Scan# 5781
Delta R.T. 0.002 min
Lab File: BN032783.D
Acq: 17 Jul 2024 17:14

Tgt Ion:276 Resp: 74813
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 25.7 20.6 31.0

