

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032785.D
 Acq On : 17 Jul 2024 18:27
 Operator : MA/JU
 Sample : P3100-19DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D32DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:32:39 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	5407	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	16377	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	8473	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	15031	0.400	ng/ul	-0.01
17) Chrysene-d12	21.171	240	14225	0.400	ng/ul	# 0.00
23) Perylene-d12	23.368	264	16261m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	9702	1.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2315	0.094	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	3851	0.083	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	1724	0.039	ng/ul#	83
7) 2-Methylnaphthalene	11.993	142	763	0.028	ng/ul	99
8) 1-Methylnaphthalene	12.213	142	699	0.025	ng/ul	99
10) Acenaphthylene	13.915	152	5222	0.153	ng/ul	96
11) Acenaphthene	14.258	153	1706	0.060	ng/ul	97
12) Fluorene	15.252	166	2109	0.065	ng/ul#	97
15) Phenanthrene	16.995	178	45415	1.109	ng/ul	99
16) Anthracene	17.088	178	8989	0.269	ng/ul	97
19) Fluoranthene	19.027	202	124968	2.161	ng/ul	99
20) Pyrene	19.394	202	110048	1.838	ng/ul	97
21) Benzo(a)anthracene	21.156	228	61608	1.361	ng/ul	97
22) Chrysene	21.206	228	69506	1.061	ng/ul	98
24) Benzo(b)fluoranthene	22.714	252	98512m	1.717	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	35055m	0.501	ng/ul	
26) Benzo(a)pyrene	23.272	252	67222	1.354	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.583	276	52221	0.777	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.579	278	13075	0.251	ng/ul#	70
29) Benzo(g,h,i)perylene	26.263	276	51901	0.924	ng/ul	98

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

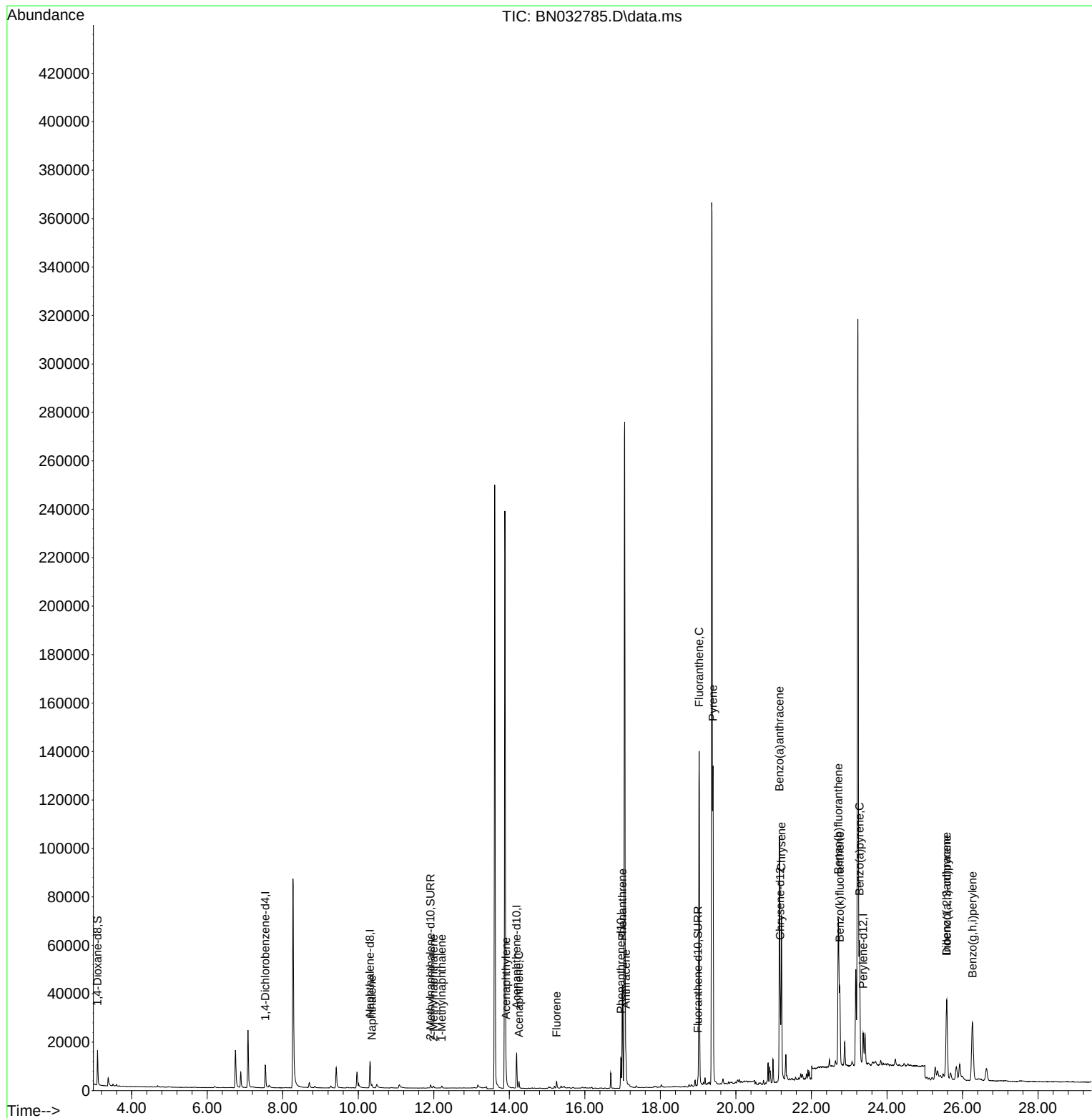
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032785.D
Acq On : 17 Jul 2024 18:27
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Sample : P3100-19DL 5X
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ALS Vial : 56 Sample Multiplier: 1

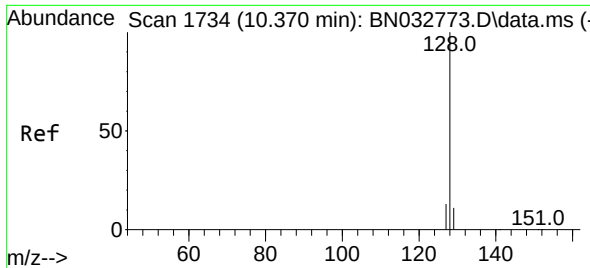
Instrument :
BNA_N
ClientSampleId :
A4D32DL

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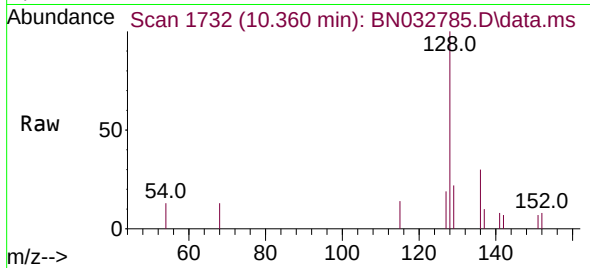
Quant Time: Jul 17 23:32:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.360 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

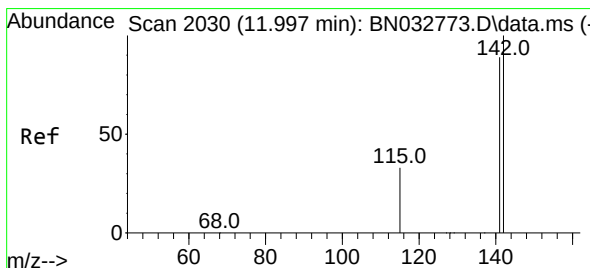
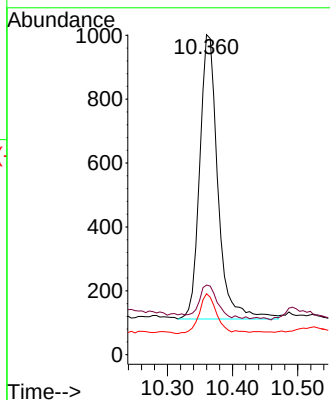
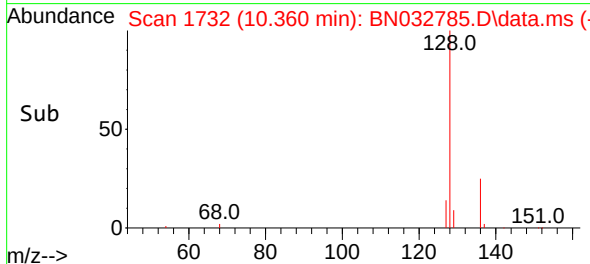
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:128 Resp: 1724
Ion Ratio Lower Upper
128 100
129 21.8 10.0 15.0
127 19.1 11.6 17.4

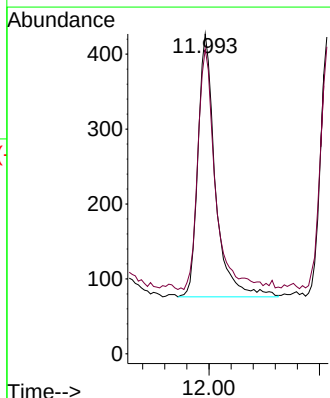
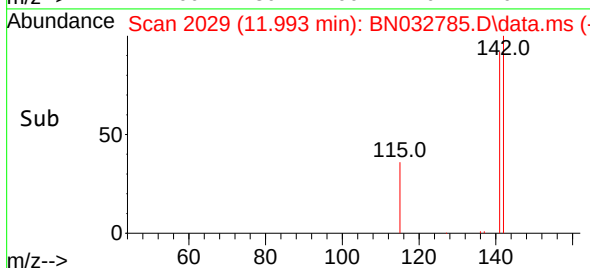
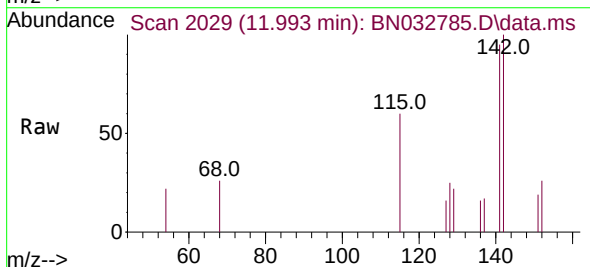
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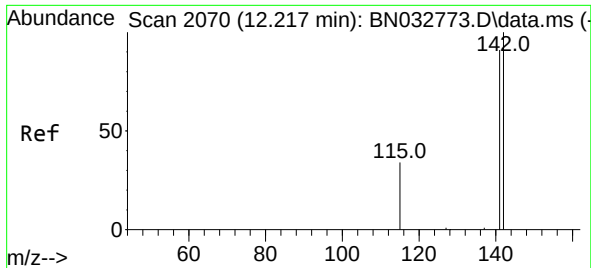
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

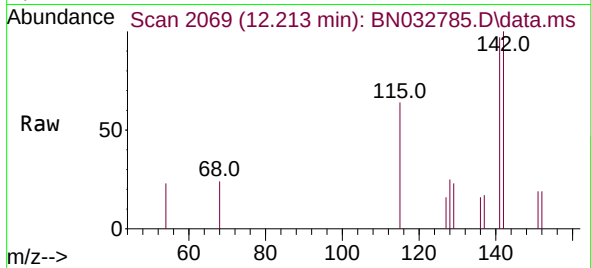
Tgt Ion:142 Resp: 763
Ion Ratio Lower Upper
142 100
141 93.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

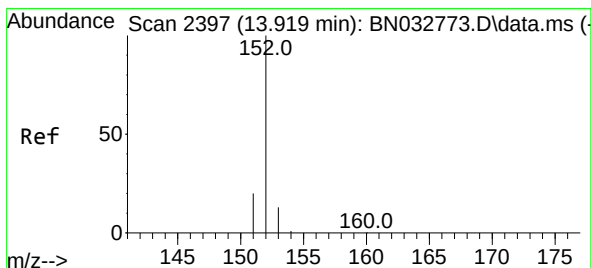
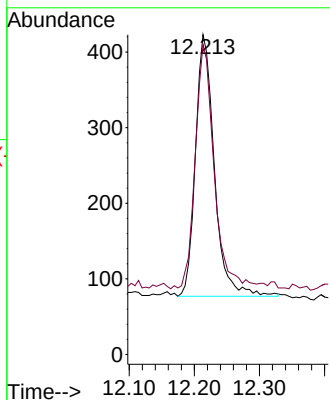
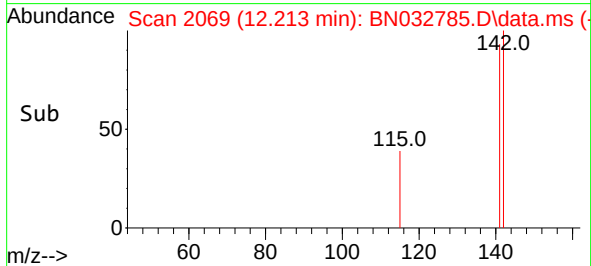
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:142 Resp: 699
Ion Ratio Lower Upper
142 100
141 94.3 75.0 112.4

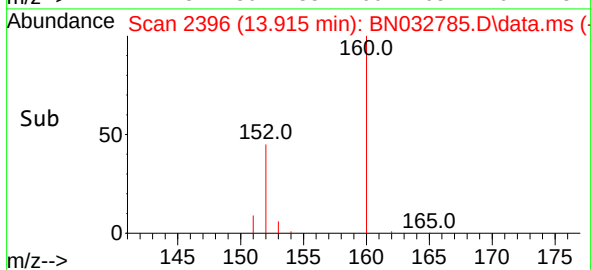
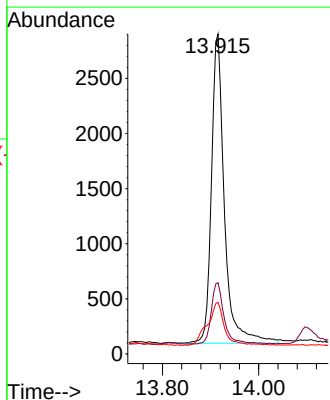
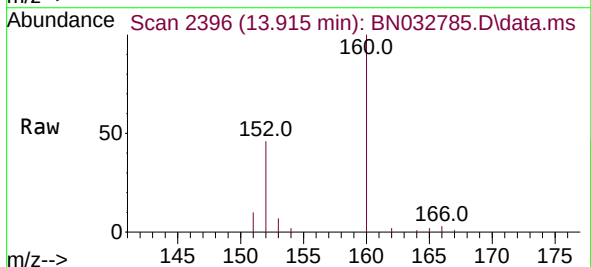
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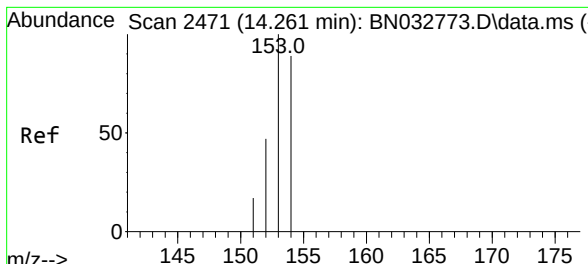
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.153 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

Tgt Ion:152 Resp: 5222
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 16.1 11.3 16.9





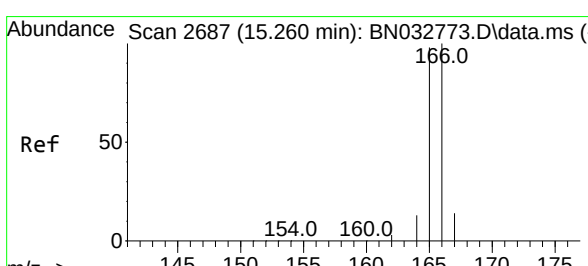
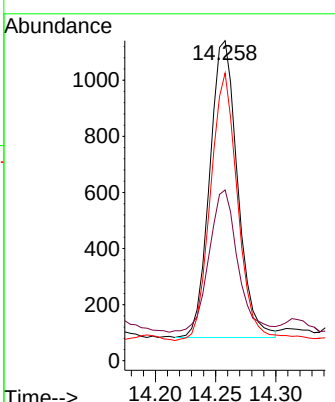
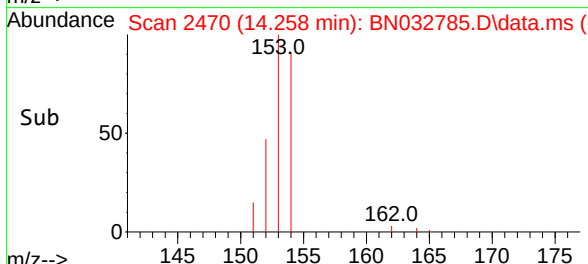
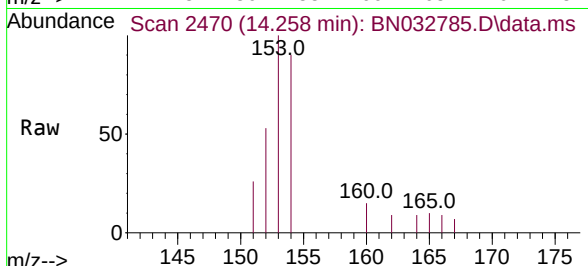
#11
 Acenaphthene
 Concen: 0.060 ng/u1
 RT: 14.258 min Scan# 2470
 Delta R.T. -0.000 min
 Lab File: BN032785.D
 Acq: 17 Jul 2024 18:27

Instrument : BNA_N
 ClientSampleId : A4D32DL

Tgt Ion:153 Resp: 1700

Ion	Ratio	Lower	Upper
153	100		
152	53.4	40.0	60.0
154	89.9	70.2	105.4

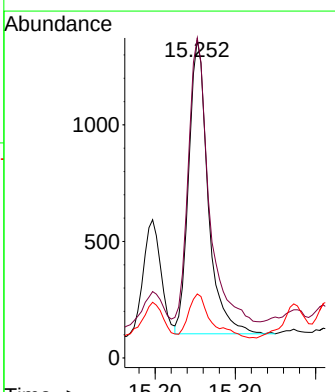
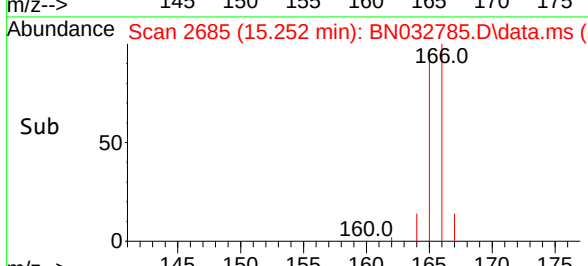
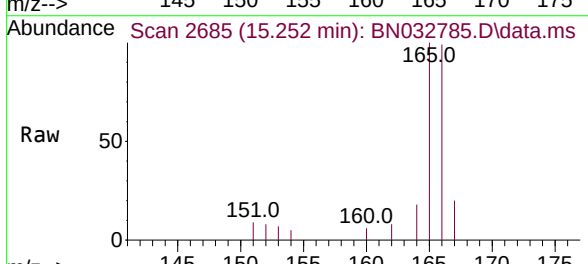
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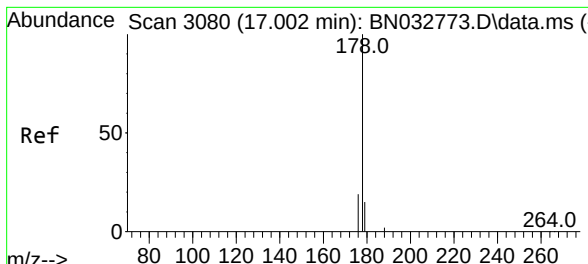


#12
 Fluorene
 Concen: 0.065 ng/u1
 RT: 15.252 min Scan# 2685
 Delta R.T. -0.014 min
 Lab File: BN032785.D
 Acq: 17 Jul 2024 18:27

Tgt Ion:166 Resp: 2109

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.7	119.5
167	20.1	11.4	17.2





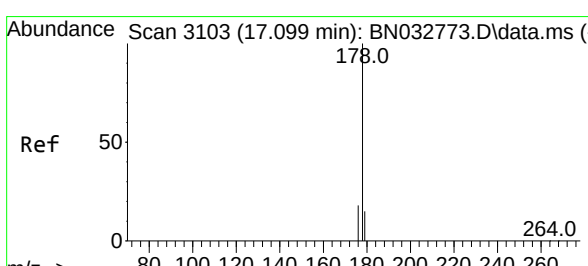
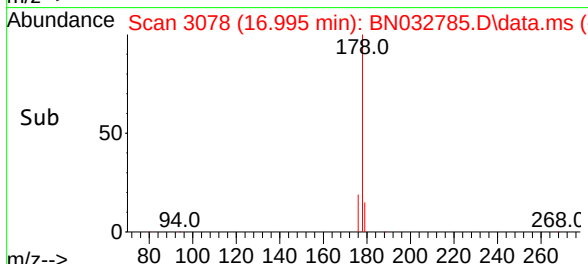
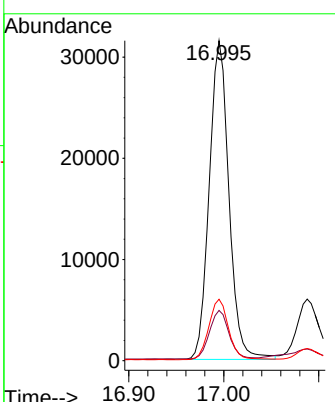
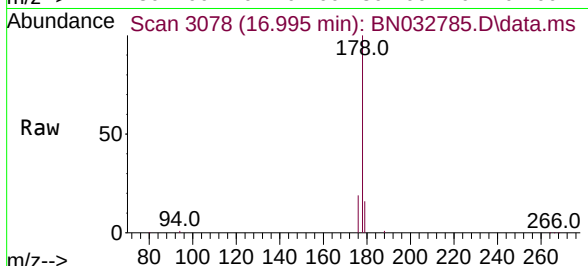
#15
 Phenanthrene
 Concen: 1.109 ng/ul
 RT: 16.995 min Scan# 3080
 Delta R.T. -0.013 min
 Lab File: BN032785.D
 Acq: 17 Jul 2024 18:27

Instrument : BNA_N
 ClientSampleId : A4D32DL

Tgt Ion:	178	Resp:	4541
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.4
176	19.2	15.6	23.4

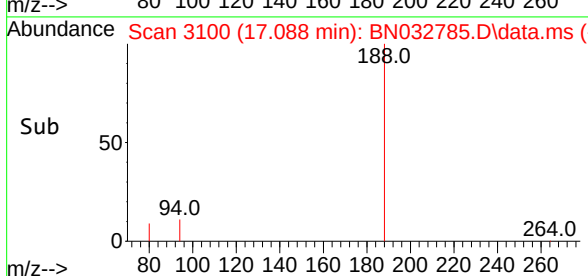
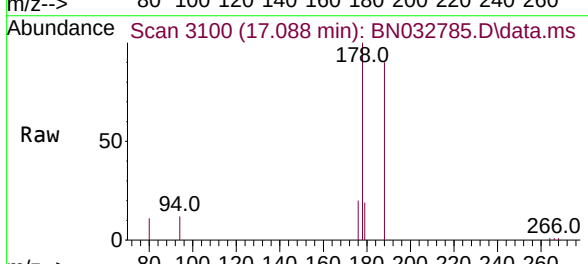
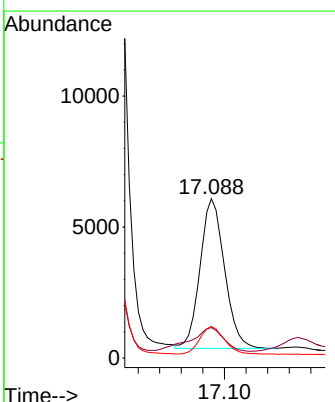
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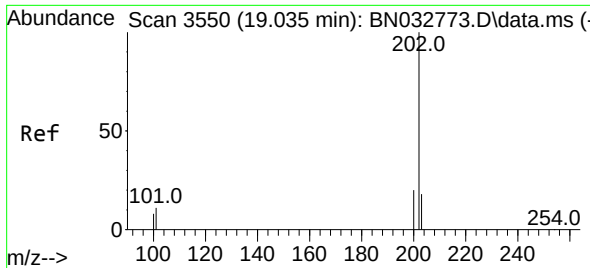
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#16
 Anthracene
 Concen: 0.269 ng/ul
 RT: 17.088 min Scan# 3100
 Delta R.T. -0.017 min
 Lab File: BN032785.D
 Acq: 17 Jul 2024 18:27

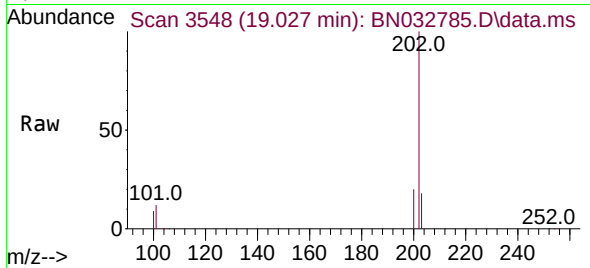
Tgt Ion:	178	Resp:	8989
Ion Ratio	Lower	Upper	
178	100		
179	19.1	13.4	20.2
176	19.7	15.4	23.0





#19
Fluoranthene
Concen: 2.161 ng/ul
RT: 19.027 min Scan# 3550
Delta R.T. -0.005 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

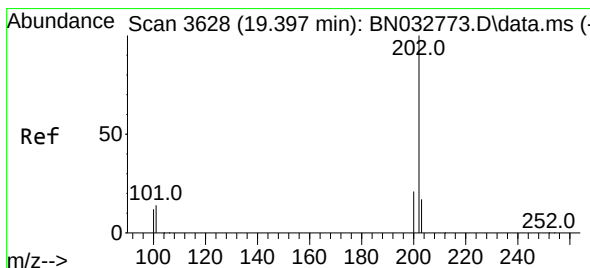
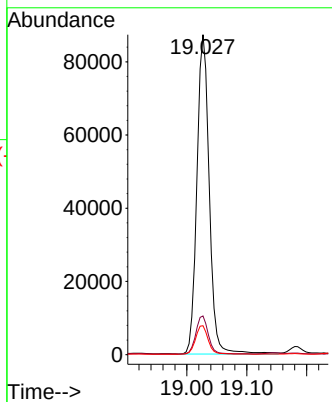
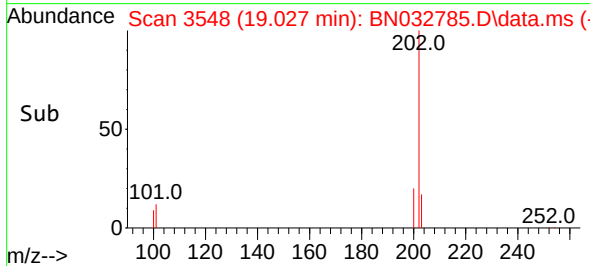
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:202 Resp: 124968
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

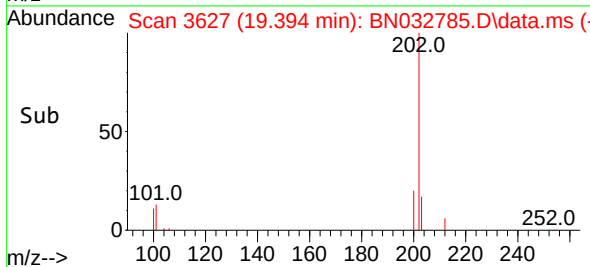
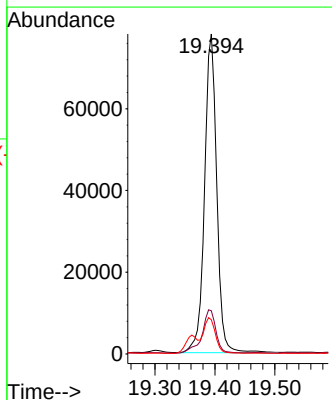
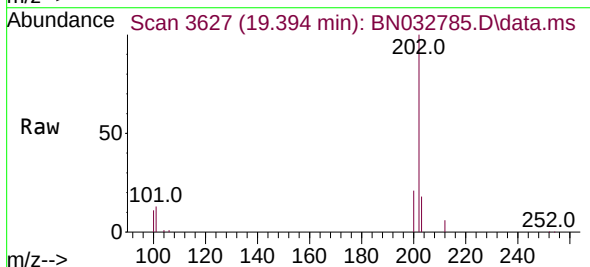
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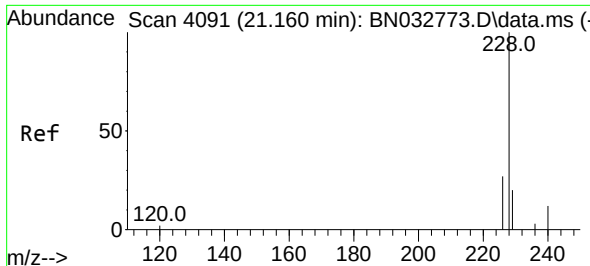
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 1.838 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

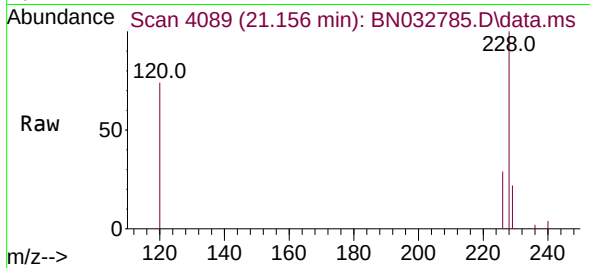
Tgt Ion:202 Resp: 110048
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.361 ng/ul
RT: 21.156 min Scan# 4091
Delta R.T. -0.003 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

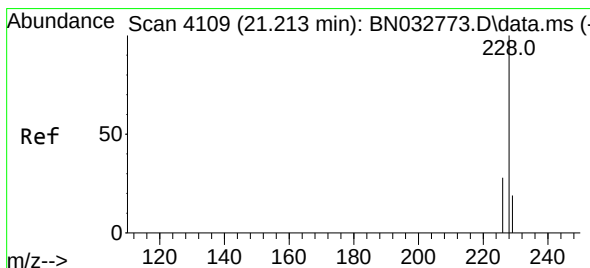
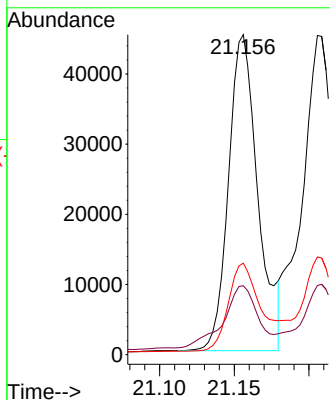
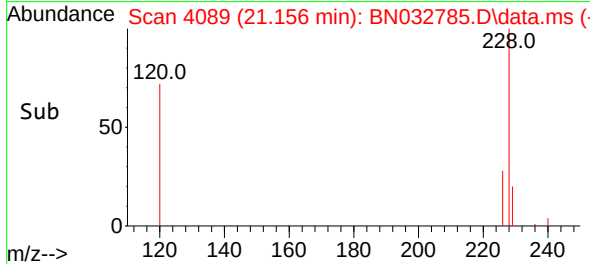
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:228 Resp: 61608
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.6 21.9 32.9

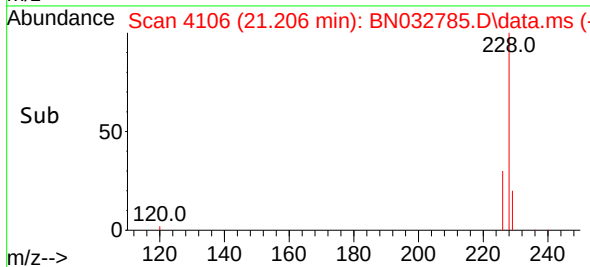
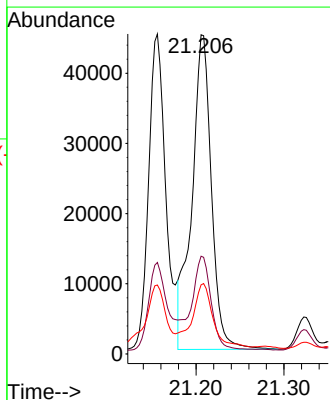
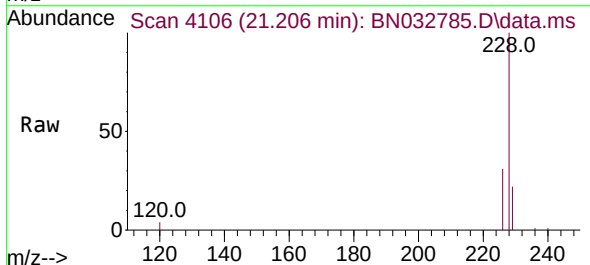
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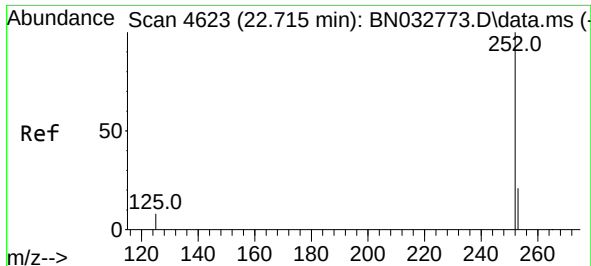
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.061 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

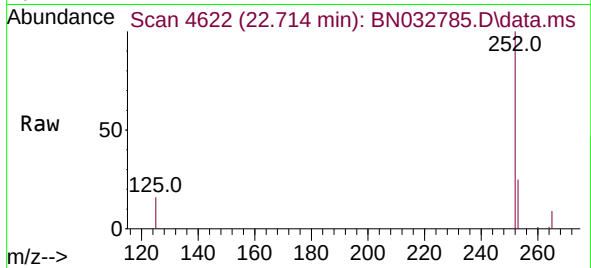
Tgt Ion:228 Resp: 69506
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.717 ng/ul m
RT: 22.714 min Scan# 4622
Delta R.T. 0.003 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

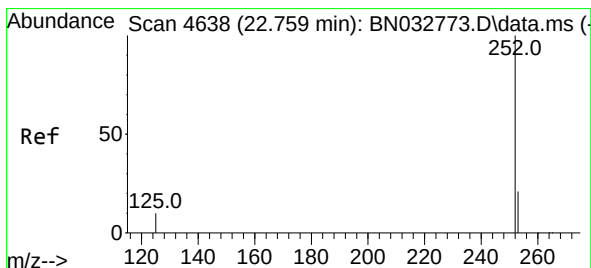
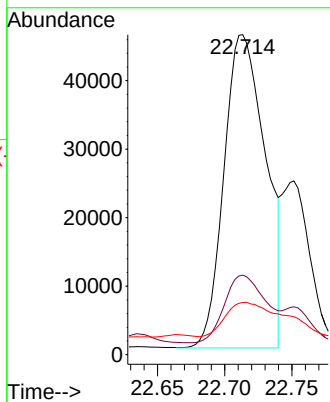
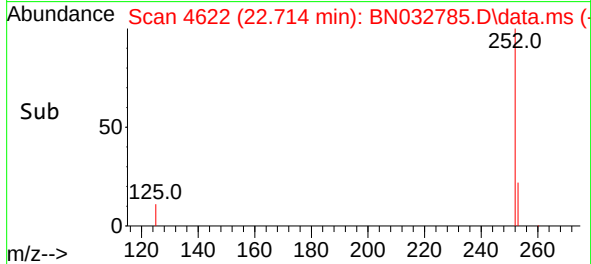
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:252 Resp: 9851
Ion Ratio Lower Upper
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253 24.8 0.0 54.0
125 16.3 0.0 36.0

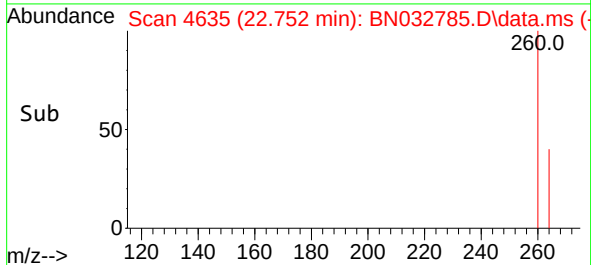
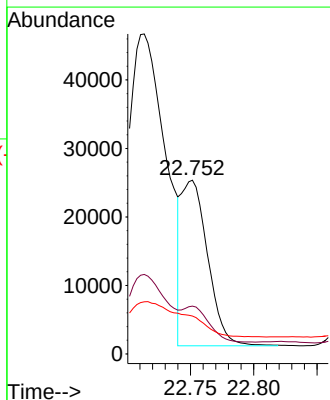
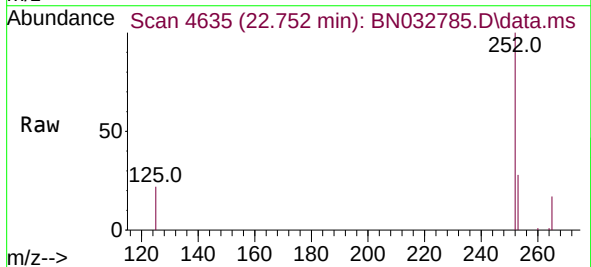
Manual Integrations
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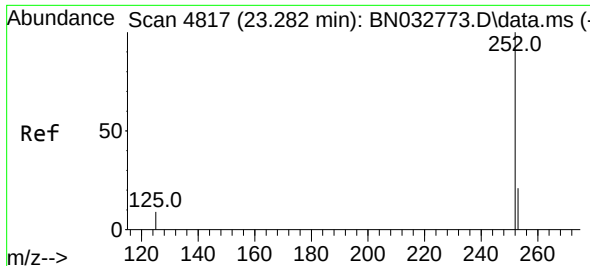
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.501 ng/ul m
RT: 22.752 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

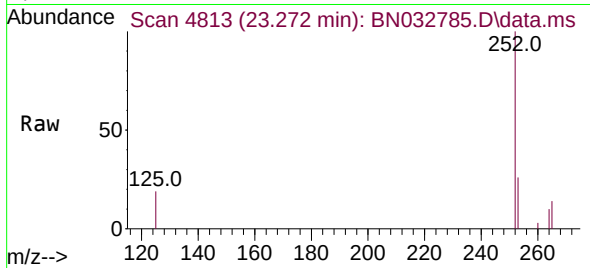
Tgt Ion:252 Resp: 35055
Ion Ratio Lower Upper
252 100
253 27.6 21.2 31.8
125 21.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.354 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.006 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27

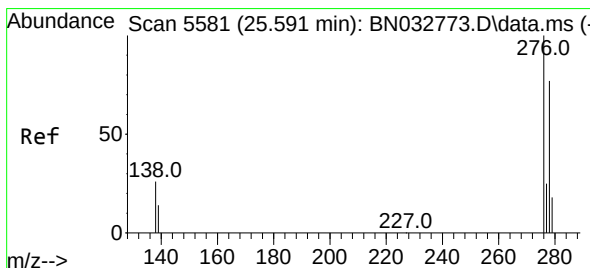
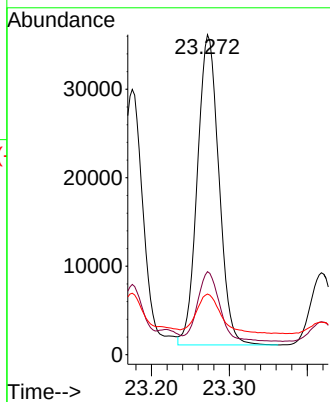
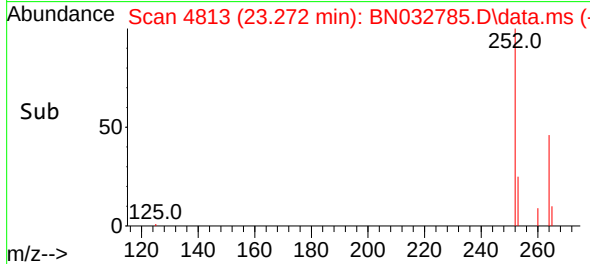
Instrument :
BNA_N
ClientSampleId :
A4D32DL



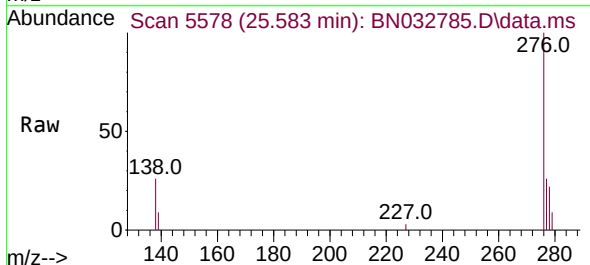
Tgt Ion:252 Resp: 67221
Ion Ratio Lower Upper
252 100
253 25.9 25.4 38.0
125 18.9 20.6 30.8

Manual Integrations
APPROVED

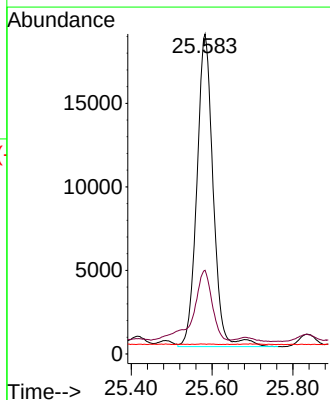
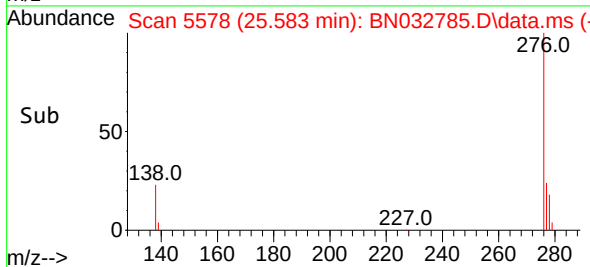
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

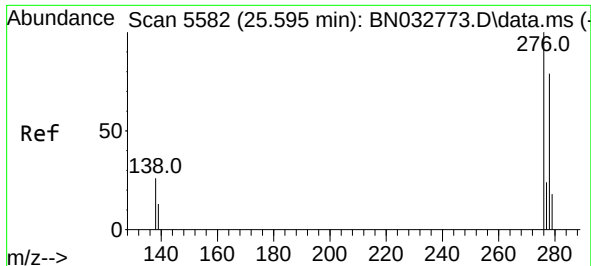


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.777 ng/ul
RT: 25.583 min Scan# 5578
Delta R.T. -0.000 min
Lab File: BN032785.D
Acq: 17 Jul 2024 18:27



Tgt Ion:276 Resp: 52221
Ion Ratio Lower Upper
276 100
138 26.0 21.6 32.4
227 0.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.251 ng/ul

RT: 25.579 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN032785.D

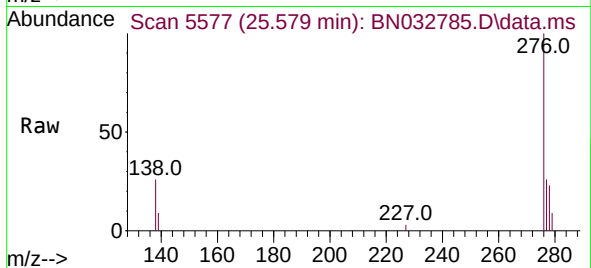
Acq: 17 Jul 2024 18:27

Instrument :

BNA_N

ClientSampleId :

A4D32DL



Tgt Ion:278 Resp: 13079

Ion Ratio Lower Upper

278 100

139 40.3 16.6 24.8

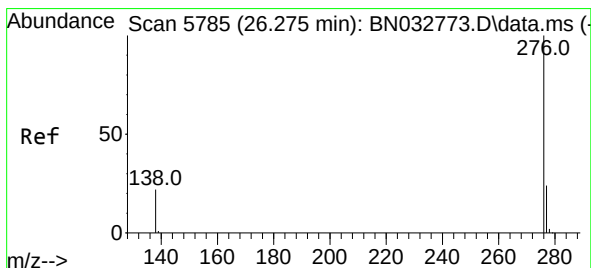
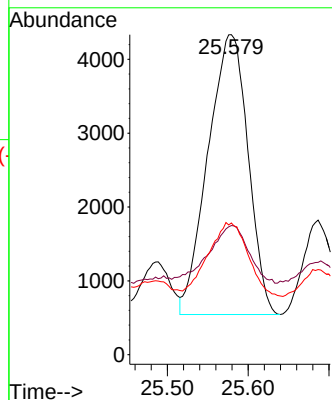
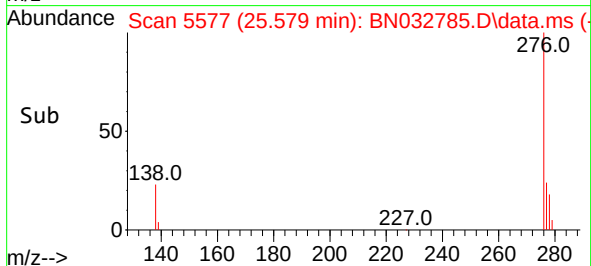
279 41.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.924 ng/ul

RT: 26.263 min Scan# 5781

Delta R.T. 0.003 min

Lab File: BN032785.D

Acq: 17 Jul 2024 18:27

Tgt Ion:276 Resp: 51901

Ion Ratio Lower Upper

276 100

138 27.2 21.0 31.4

277 26.9 20.6 31.0

