

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032789.D
 Acq On : 17 Jul 2024 20:52
 Operator : MA/JU
 Sample : P3100-11DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:32:58 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	5411	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	16782	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	9925	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	19978	0.400	ng/ul	-0.01
17) Chrysene-d12	21.168	240	18822	0.400	ng/ul	# 0.00
23) Perylene-d12	23.366	264	23176	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	7817	1.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2142	0.084	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	4607	0.075	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	5277	0.117	ng/ul	97
7) 2-Methylnaphthalene	11.993	142	1654	0.059	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	1175	0.040	ng/ul	99
10) Acenaphthylene	13.915	152	10565	0.263	ng/ul	98
11) Acenaphthene	14.253	153	3826	0.115	ng/ul	100
12) Fluorene	15.252	166	4406	0.116	ng/ul#	98
15) Phenanthrene	16.995	178	92696	1.704	ng/ul	99
16) Anthracene	17.088	178	21818	0.491	ng/ul	99
19) Fluoranthene	19.027	202	221120	2.889	ng/ul	97
20) Pyrene	19.394	202	157642	1.990	ng/ul	97
21) Benzo(a)anthracene	21.153	228	108276	1.807	ng/ul	97
22) Chrysene	21.203	228	121680	1.404	ng/ul	97
24) Benzo(b)fluoranthene	22.711	252	177331m	2.169	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	60033m	0.602	ng/ul	
26) Benzo(a)pyrene	23.269	252	58733	0.830	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.576	276	59944	0.626	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.573	278	22648	0.305	ng/ul#	74
29) Benzo(g,h,i)perylene	26.267	276	8799	0.110	ng/ul#	54

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

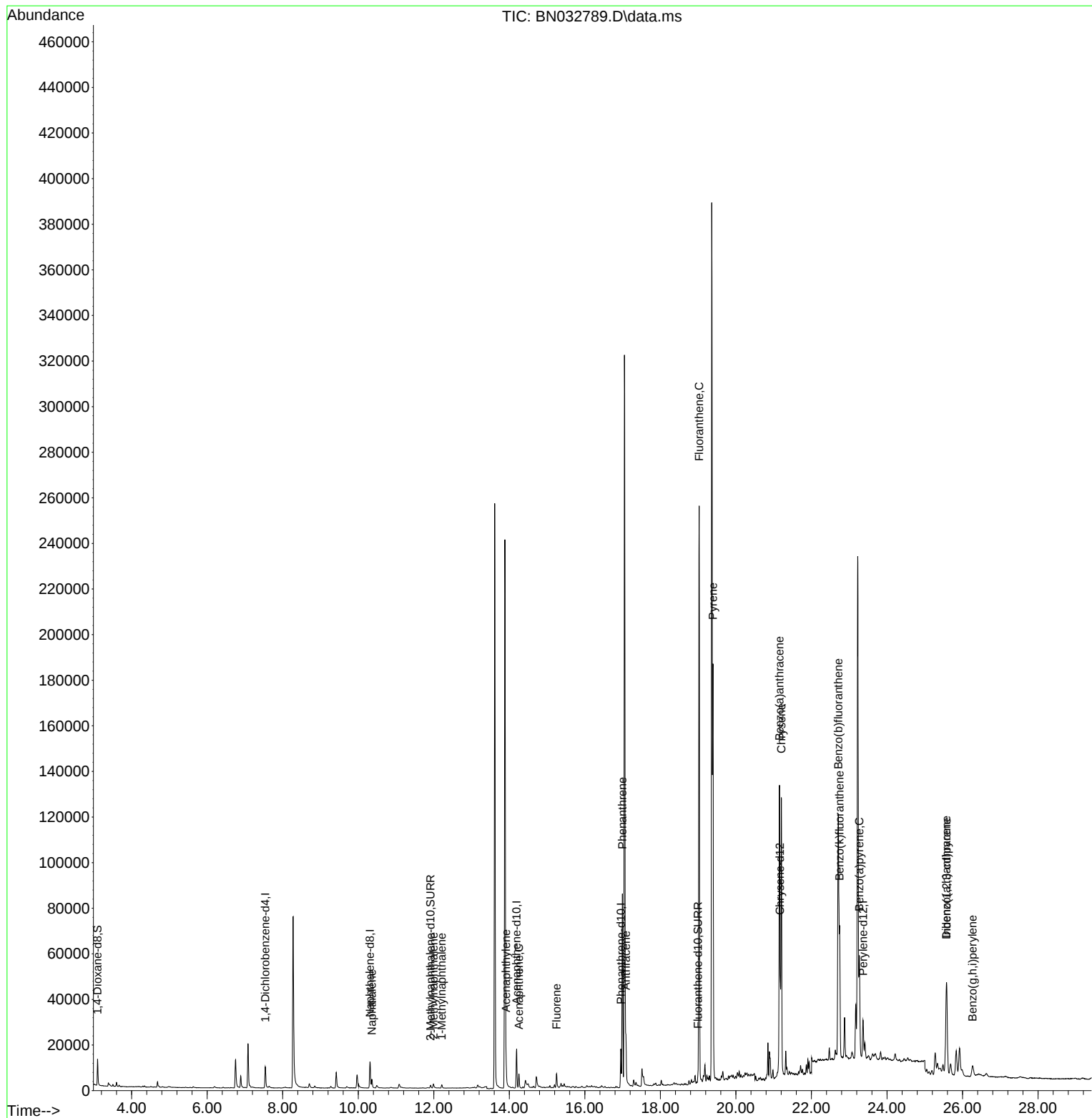
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032789.D
Acq On : 17 Jul 2024 20:52
Operator : MA/JU
Sample : P3100-11DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

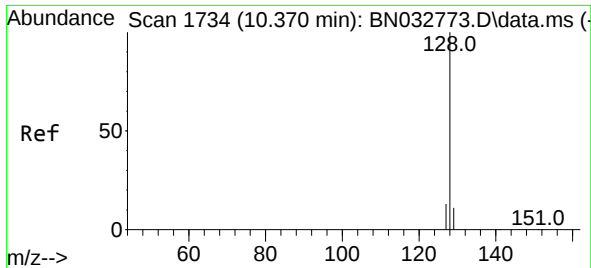
Instrument :
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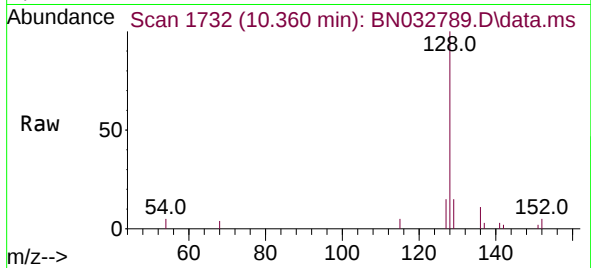
Quant Time: Jul 17 23:32:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.360 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

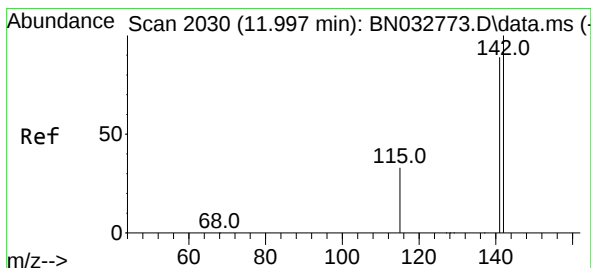
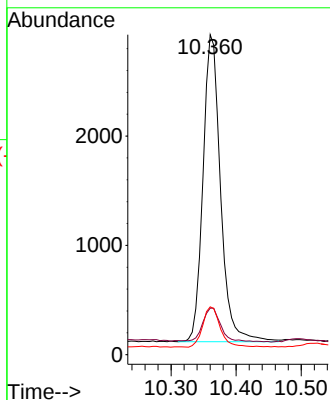
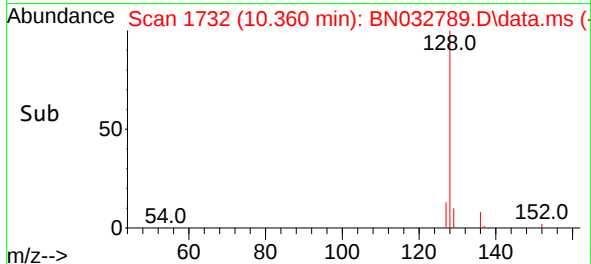
Instrument :
BNA_N
ClientSampleId :
A4BW9DL



Tgt Ion:128 Resp: 527
Ion Ratio Lower Upper
128 100
129 14.5 10.0 15.0
127 14.9 11.6 17.4

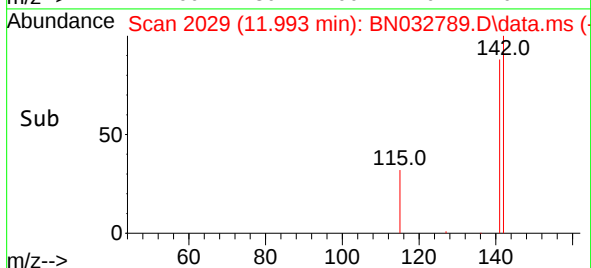
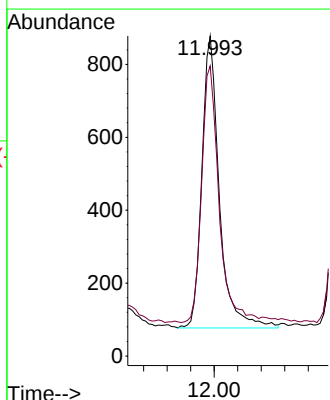
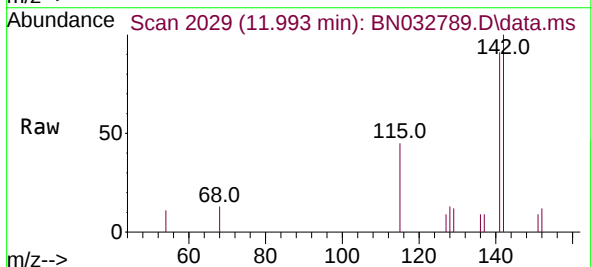
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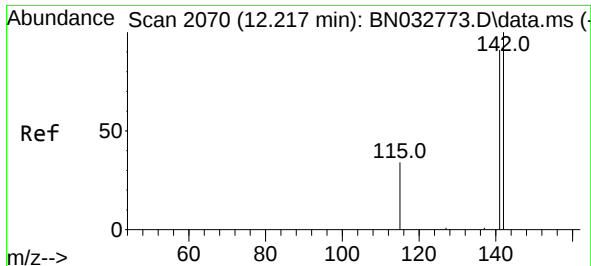
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

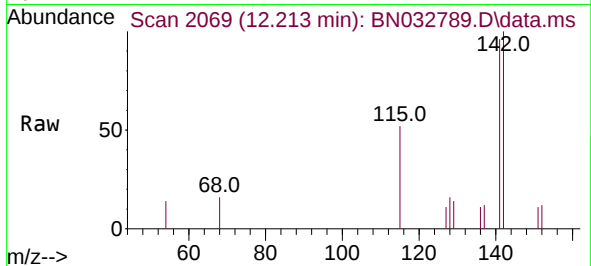
Tgt Ion:142 Resp: 1654
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

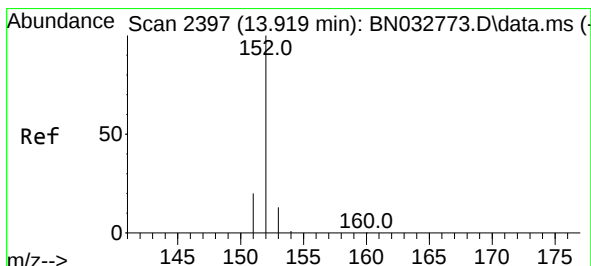
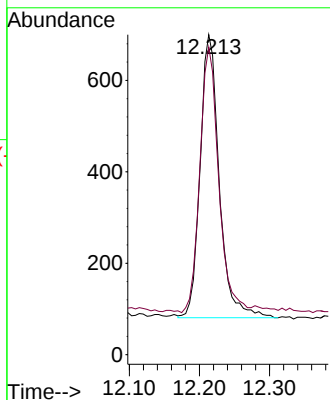
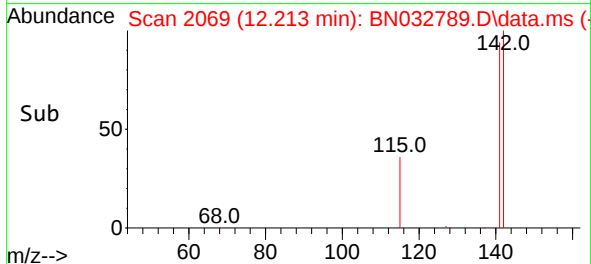
Instrument :
BNA_N
ClientSampleId :
A4BW9DL



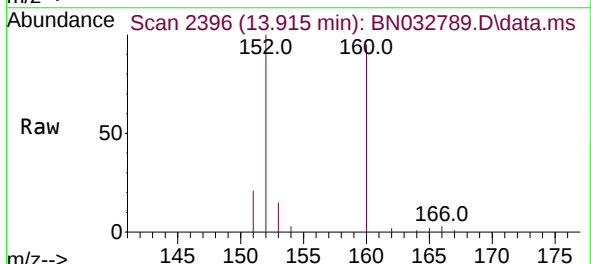
Tgt Ion:142 Resp: 1175
Ion Ratio Lower Upper
142 100
141 94.4 75.0 112.4

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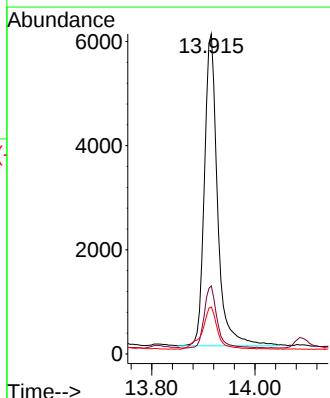
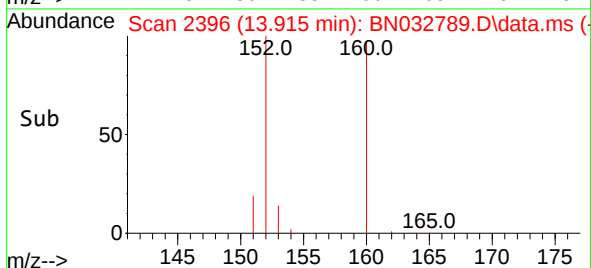
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

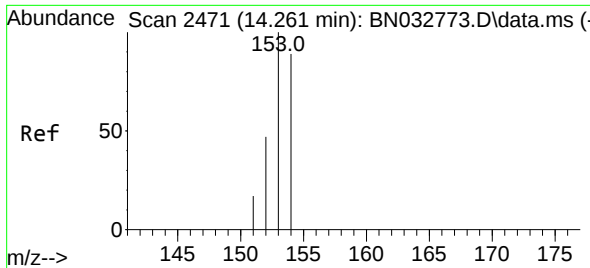


#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52



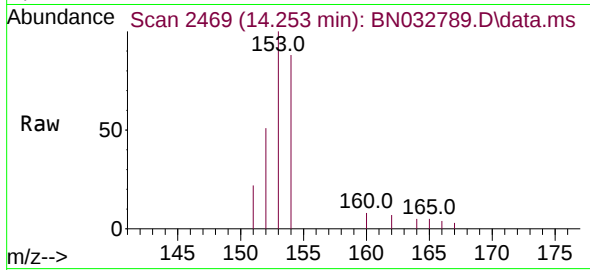
Tgt Ion:152 Resp: 10565
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 14.7 11.3 16.9





#11
Acenaphthene
Concen: 0.115 ng/u1
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

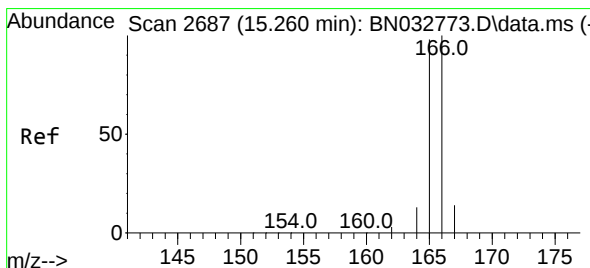
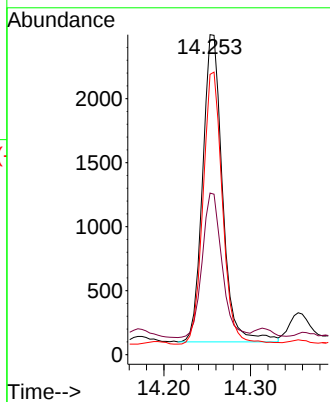
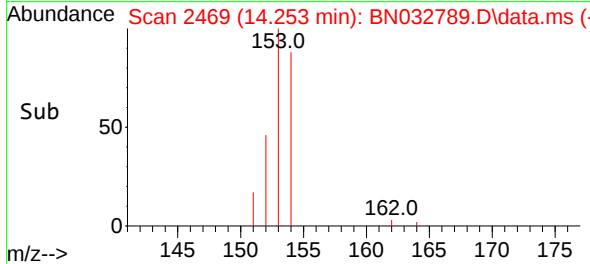
Instrument :
BNA_N
ClientSampleId :
A4BW9DL



Tgt Ion:153 Resp: 3820
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 87.6 70.2 105.4

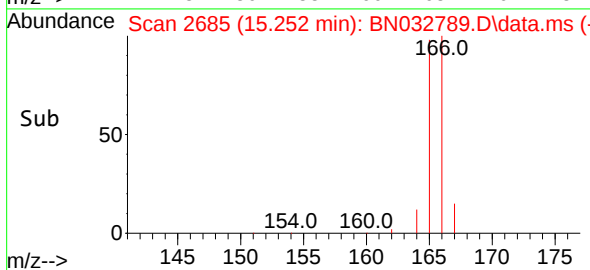
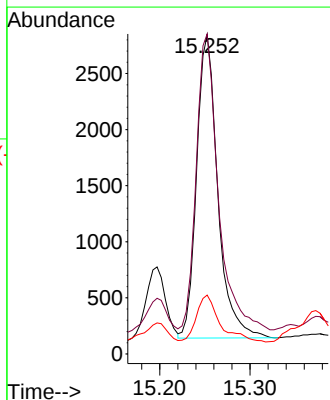
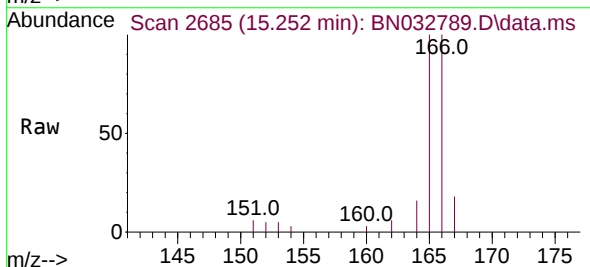
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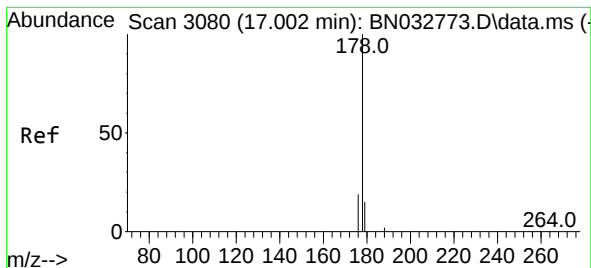
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.116 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

Tgt Ion:166 Resp: 4406
Ion Ratio Lower Upper
166 100
165 100.3 79.7 119.5
167 18.5 11.4 17.2#





#15

Phenanthrene

Concen: 1.704 ng/ul

RT: 16.995 min Scan# 3080

Delta R.T. -0.013 min

Lab File: BN032789.D

Acq: 17 Jul 2024 20:52

Instrument :

BNA_N

ClientSampleId :

A4BW9DL

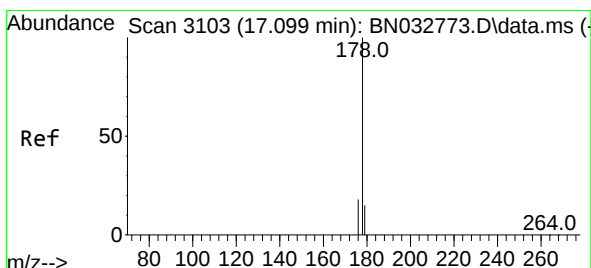
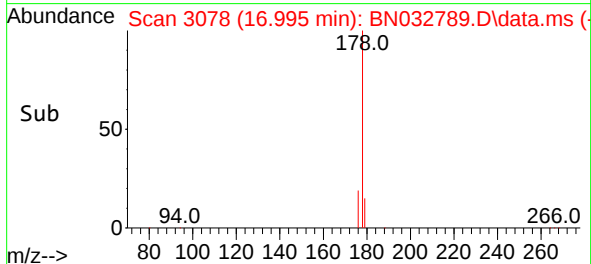
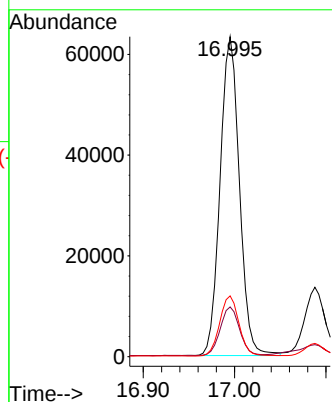
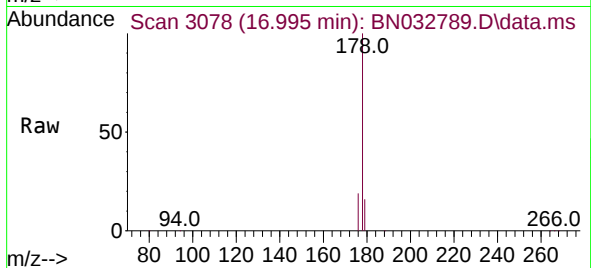
Tgt Ion:178	Resp:	92690
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.0 19.4
176	19.0	15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#16

Anthracene

Concen: 0.491 ng/ul

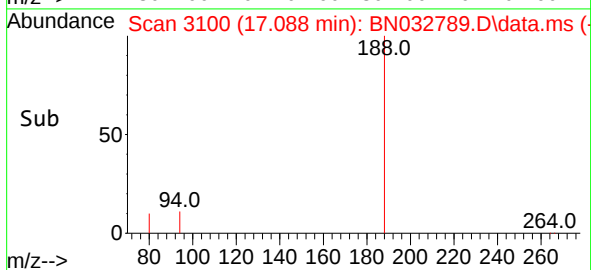
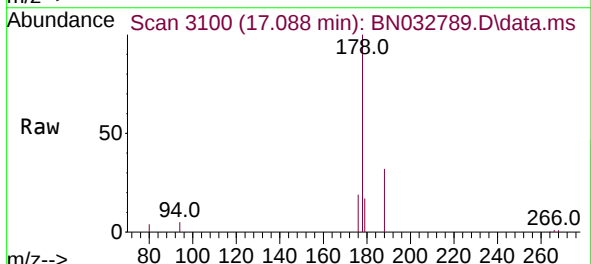
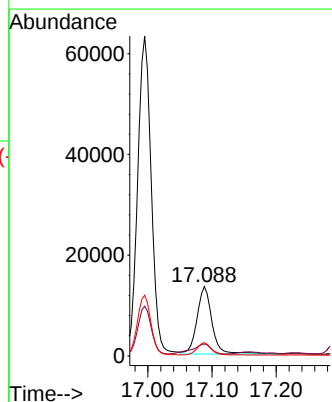
RT: 17.088 min Scan# 3100

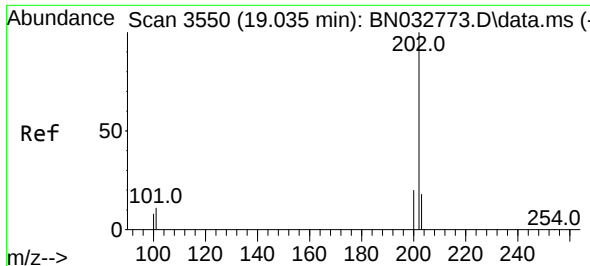
Delta R.T. -0.017 min

Lab File: BN032789.D

Acq: 17 Jul 2024 20:52

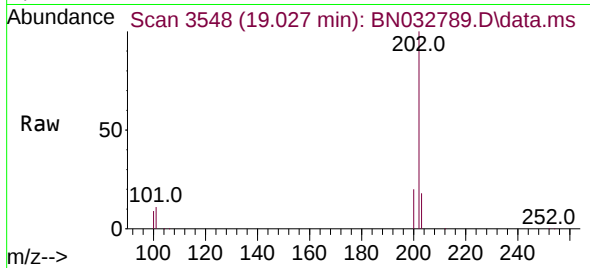
Tgt Ion:178	Resp:	21818
Ion Ratio	Lower	Upper
178	100	
179	17.4	13.4 20.2
176	19.0	15.4 23.0





#19
Fluoranthene
Concen: 2.889 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

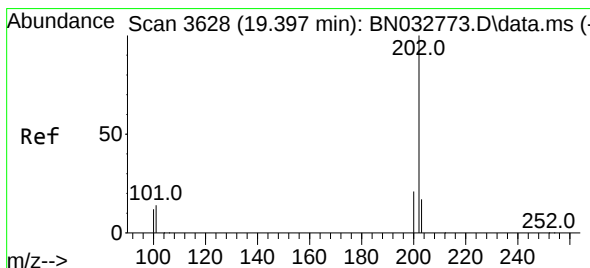
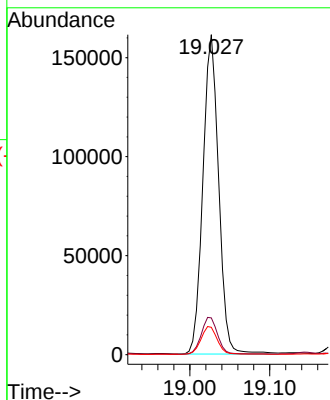
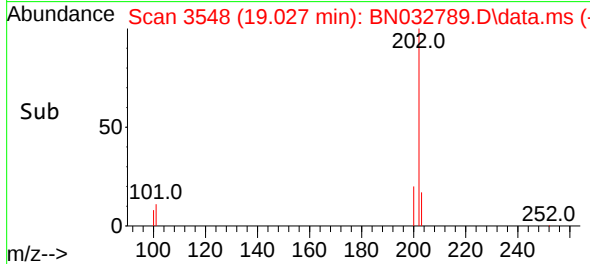
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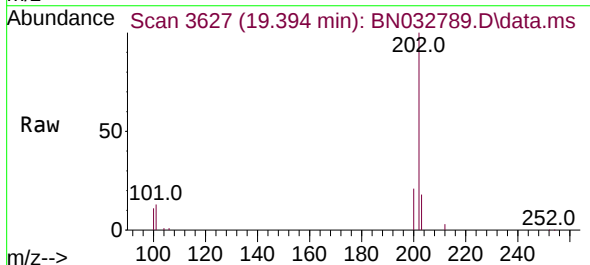
Tgt Ion:202 Resp: 221120
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.5 7.9 11.9

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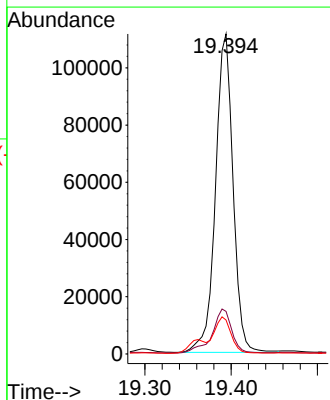
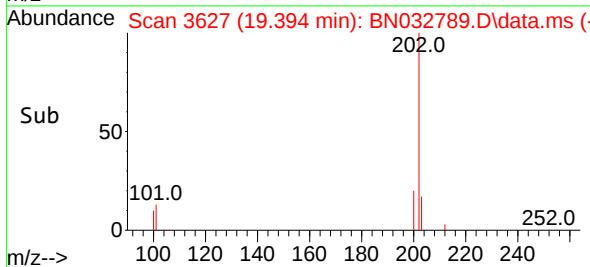
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

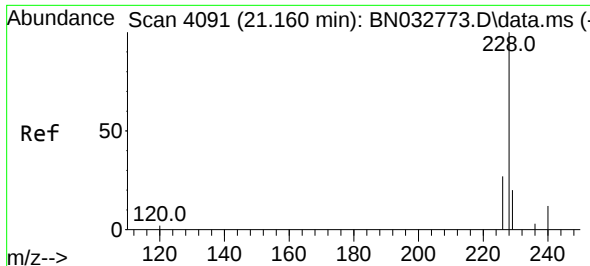


#20
Pyrene
Concen: 1.990 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52



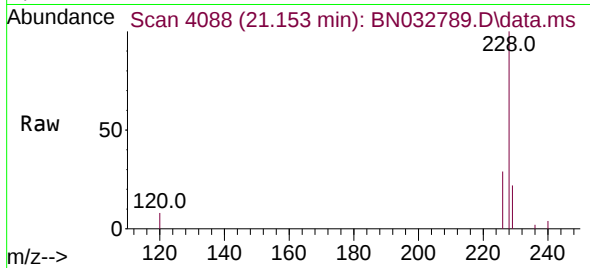
Tgt Ion:202 Resp: 157642
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 10.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.807 ng/ul
RT: 21.153 min Scan# 4088
Delta R.T. -0.006 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

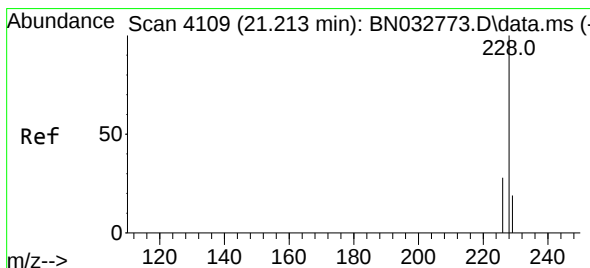
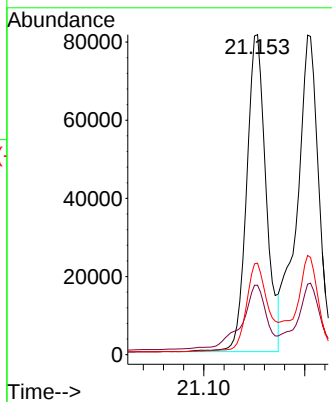
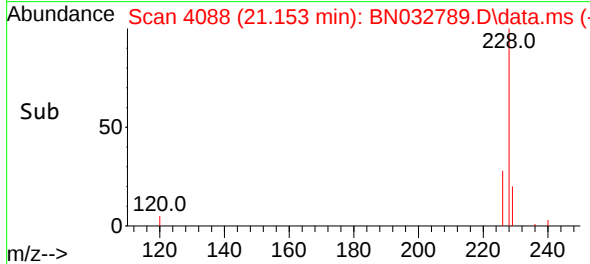
Instrument :
BNA_N
ClientSampleId :
A4BW9DL



Tgt Ion:228 Resp: 108270
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 28.6 21.9 32.9

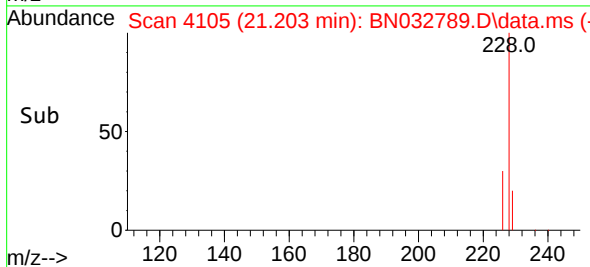
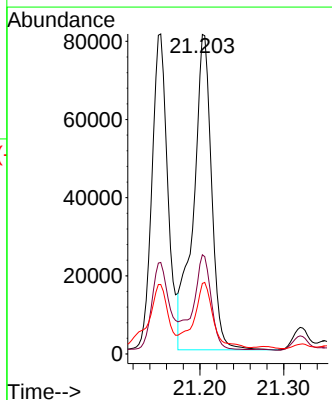
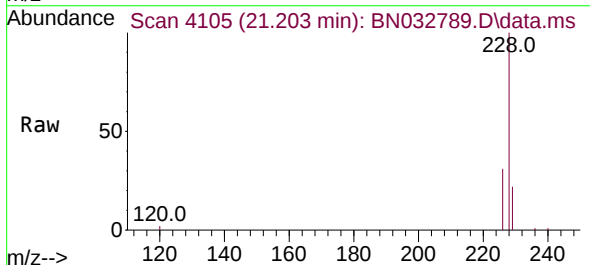
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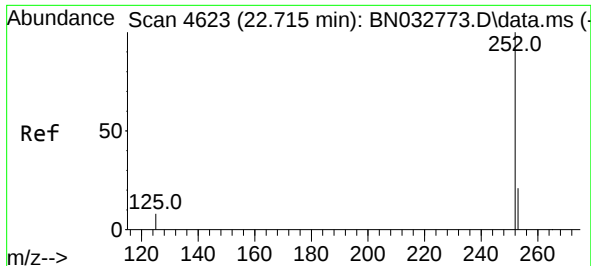
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.404 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. -0.009 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

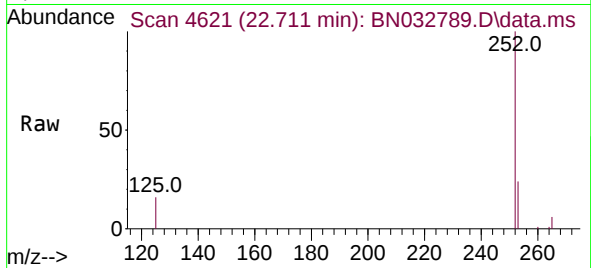
Tgt Ion:228 Resp: 121680
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.169 ng/ul m
RT: 22.711 min Scan# 4621
Delta R.T. 0.000 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

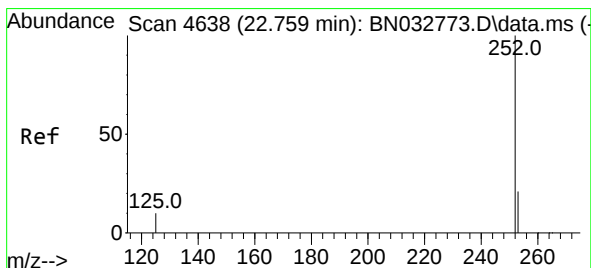
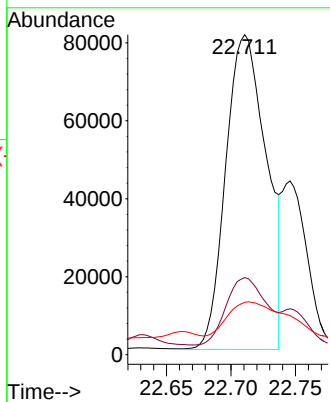
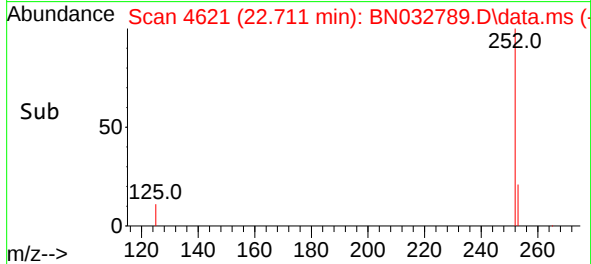
Instrument :
BNA_N
ClientSampleId :
A4BW9DL



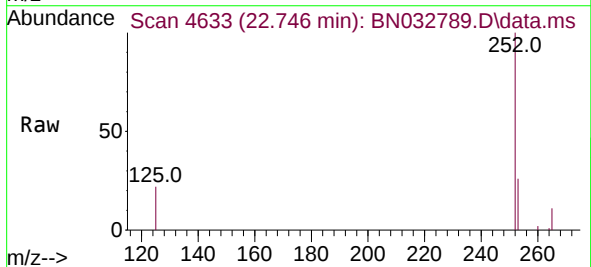
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Ion Ratio Lower Upper
252 100
253 24.1 0.0 54.0
125 16.4 0.0 36.0

Manual Integrations
APPROVED

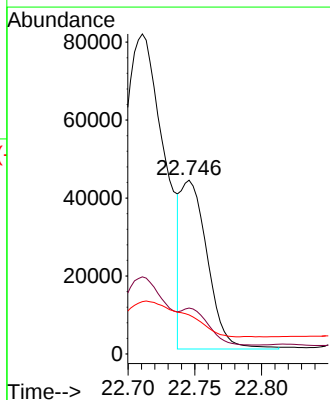
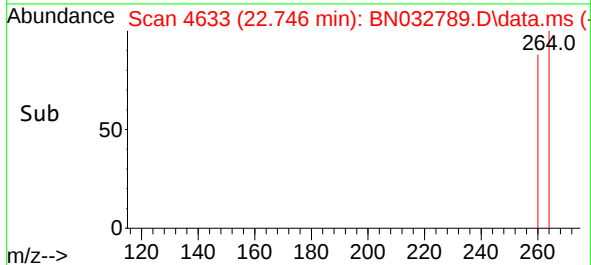
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

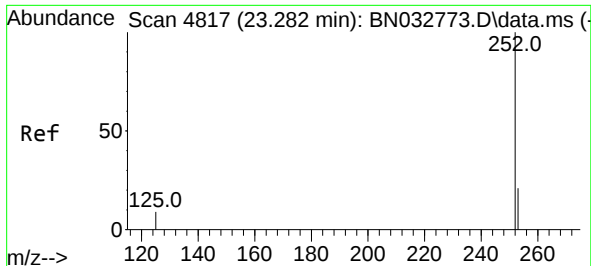


#25
Benzo(k)fluoranthene
Concen: 0.602 ng/ul m
RT: 22.746 min Scan# 4633
Delta R.T. -0.009 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52



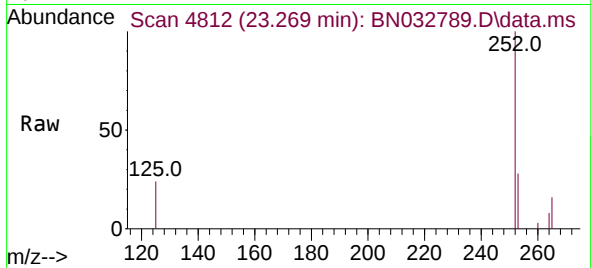
Tgt Ion:252 Resp: 60033
Ion Ratio Lower Upper
252 100
253 26.4 21.2 31.8
125 22.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.830 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.009 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

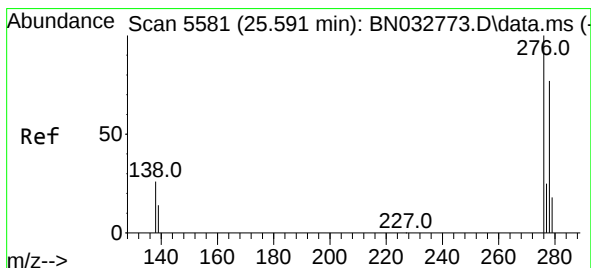
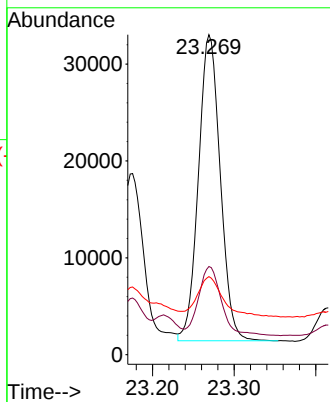
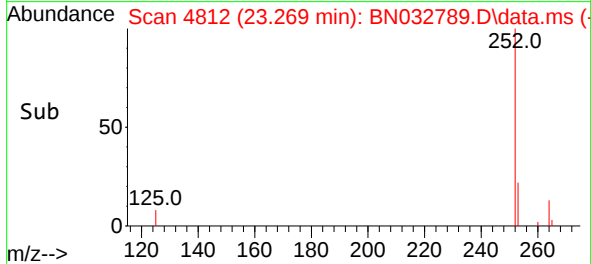
Instrument :
BNA_N
ClientSampleId :
A4BW9DL



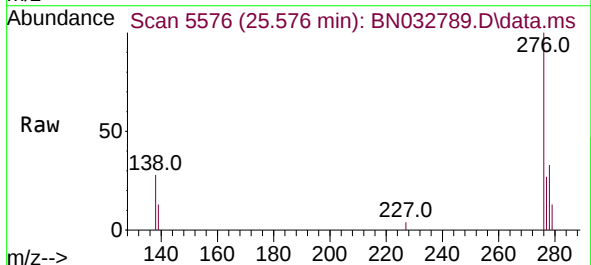
Tgt Ion:252 Resp: 5873
Ion Ratio Lower Upper
252 100
253 27.5 25.4 38.0
125 24.4 20.6 30.8

Manual Integrations
APPROVED

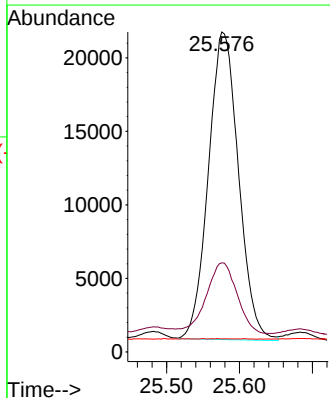
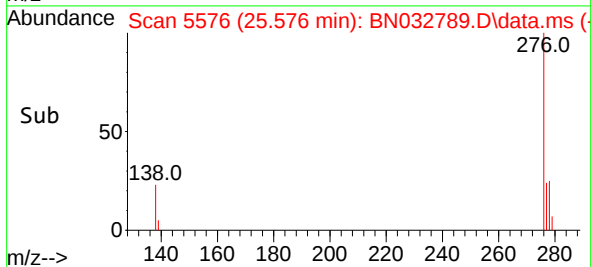
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

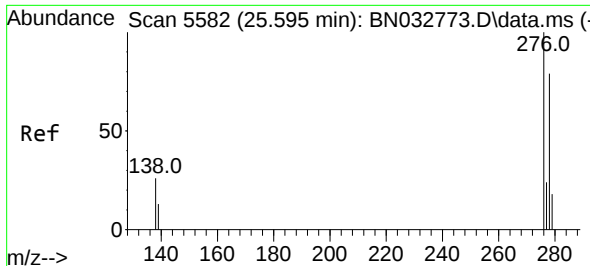


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.626 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.007 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52



Tgt Ion:276 Resp: 59944
Ion Ratio Lower Upper
276 100
138 23.8 21.6 32.4
227 0.0 0.0 0.0





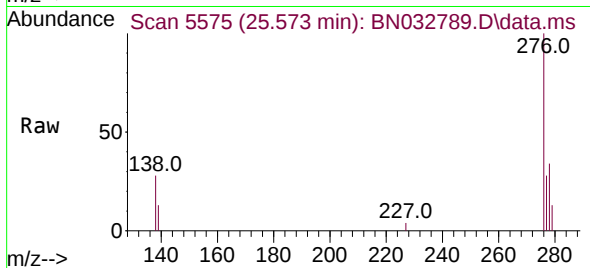
#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 25.573 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52

Instrument :

BNA_N

ClientSampleId :

A4BW9DL



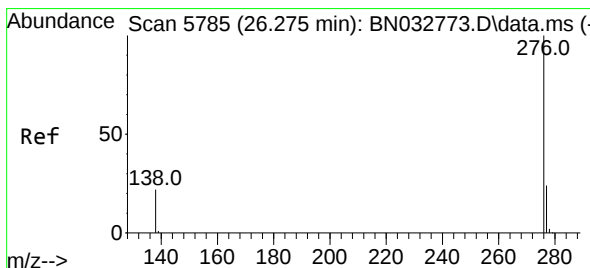
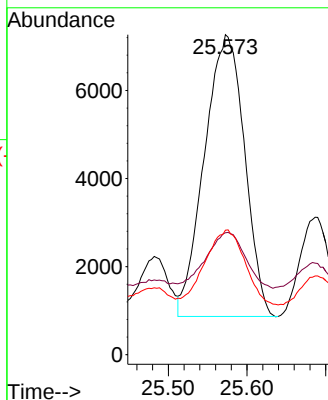
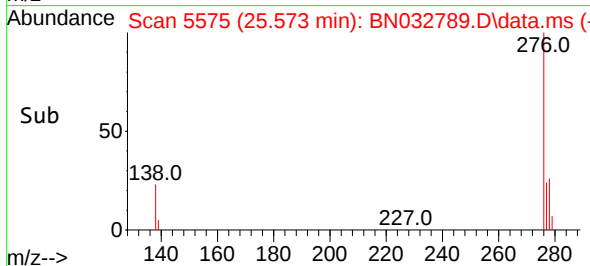
Tgt Ion:278 Resp: 22648
Ion Ratio Lower Upper
278 100
139 38.1 16.6 24.8#
279 38.9 23.7 35.5#

Manual Integrations

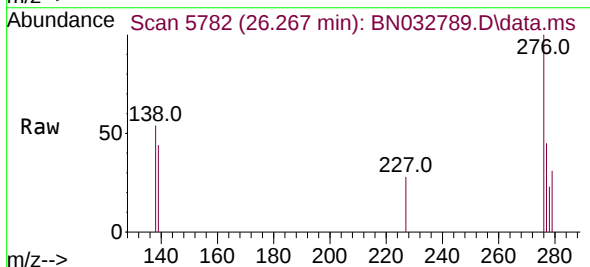
APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 26.267 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BN032789.D
Acq: 17 Jul 2024 20:52



Tgt Ion:276 Resp: 8799
Ion Ratio Lower Upper
276 100
138 53.7 21.0 31.4#
277 45.4 20.6 31.0#

