

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032837.D
 Acq On : 19 Jul 2024 12:46
 Operator : MA/JU
 Sample : P3178-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 13:24:51 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	7.532	152	3313	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	9976	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.184	164	5306	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	10235m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	8855m	0.400	ng/ul	0.00
23) Perylene-d12	23.354	264	9278m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12872	3.236	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3353	0.222	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6022	0.209	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	1533	0.057	ng/ul#	84
7) 2-Methylnaphthalene	11.982	142	555	0.033	ng/ul	96
8) 1-Methylnaphthalene	12.202	142	375	0.022	ng/ul	98
10) Acenaphthylene	13.902	152	1854	0.086	ng/ul#	82
11) Acenaphthene	14.244	153	1429	0.081	ng/ul	97
12) Fluorene	15.243	166	1768	0.087	ng/ul#	97
15) Phenanthrene	16.982	178	23980m	0.860	ng/ul	
16) Anthracene	17.075	178	6358m	0.279	ng/ul	
19) Fluoranthene	19.018	202	45871	1.274	ng/ul	98
20) Pyrene	19.380	202	44058	1.182	ng/ul	100
21) Benzo(a)anthracene	21.147	228	23497m	0.834	ng/ul	
22) Chrysene	21.200	228	21105	0.518	ng/ul	95
24) Benzo(b)fluoranthene	22.699	252	28528m	0.871	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	11047m	0.277	ng/ul	
26) Benzo(a)pyrene	23.254	252	21874	0.772	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.566	276	14888	0.388	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.562	278	3363	0.113	ng/ul#	34
29) Benzo(g,h,i)perylene	26.243	276	15608	0.487	ng/ul	94

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

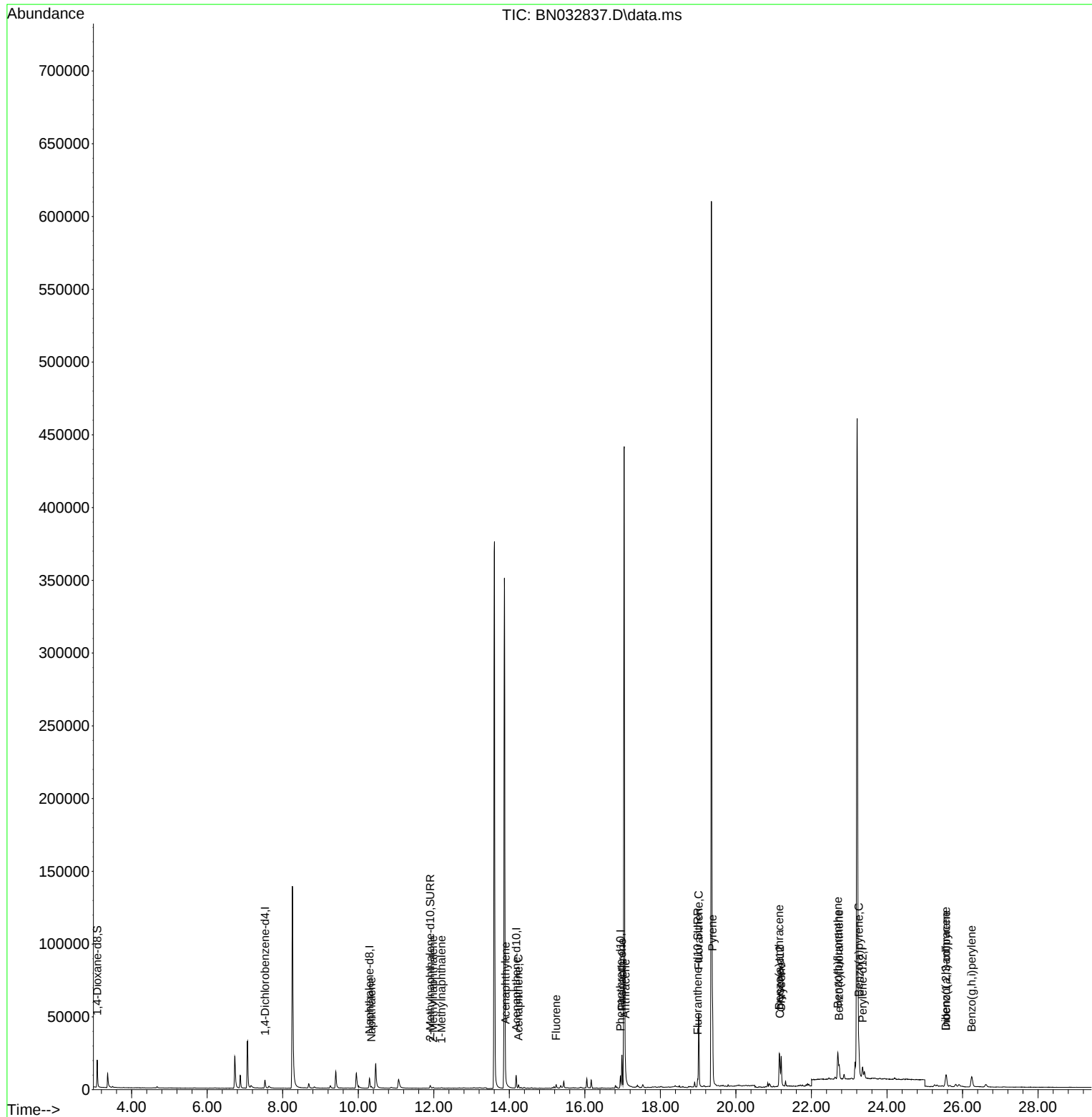
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032837.D
Acq On : 19 Jul 2024 12:46
Operator : MA/JU
Sample : P3178-16
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ALS Vial : 7 Sample Multiplier: 1

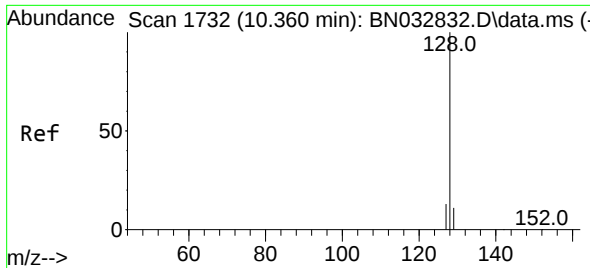
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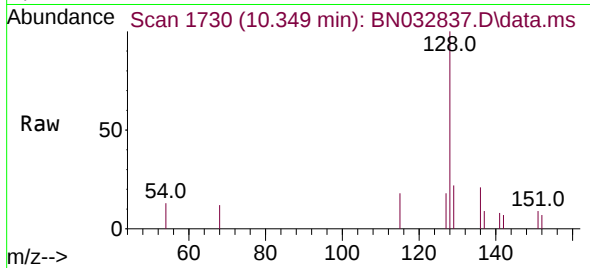
Quant Time: Jul 19 13:24:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.022 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

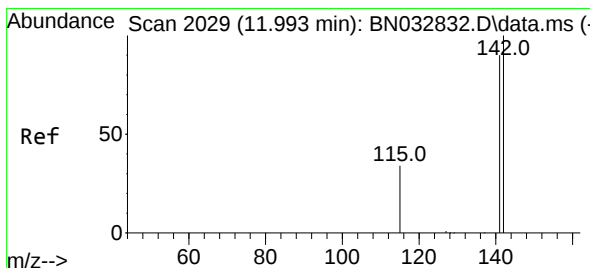
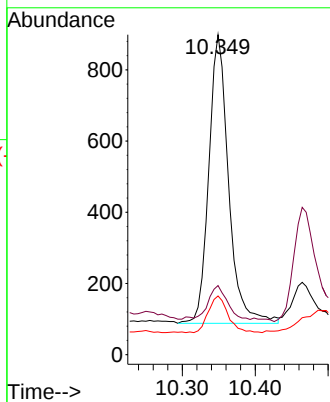
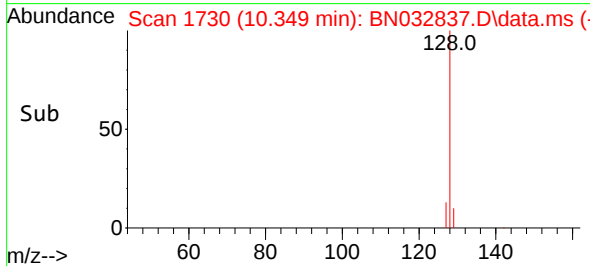
Instrument :
BNA_N
ClientSampleId :
A4BY4



Tgt Ion:128 Resp: 153
Ion Ratio Lower Upper
128 100
129 21.6 10.0 15.0
127 18.4 11.6 17.4

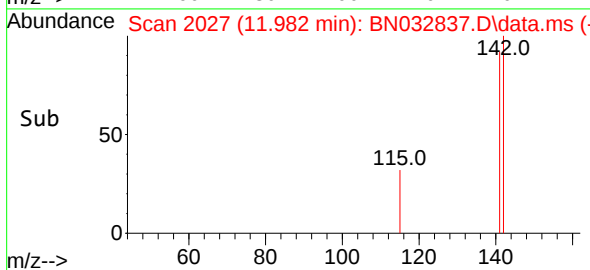
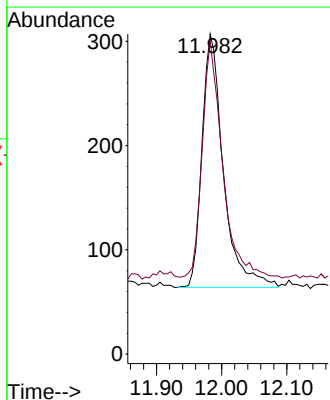
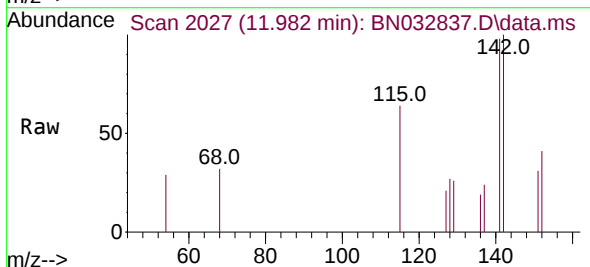
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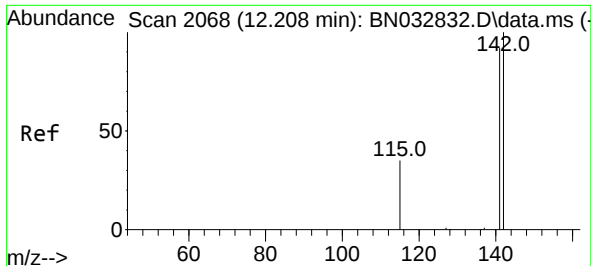
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.022 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

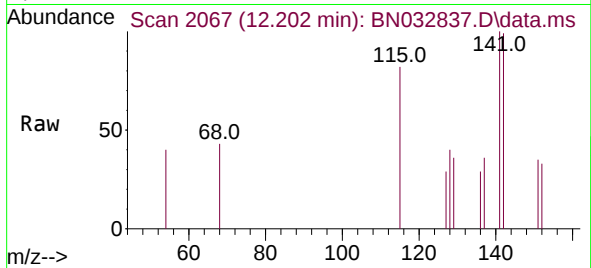
Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
141 88.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.017 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

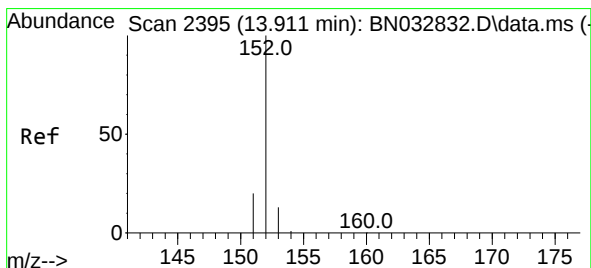
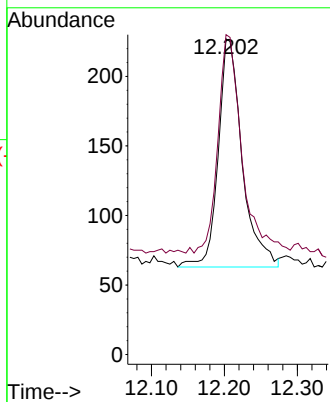
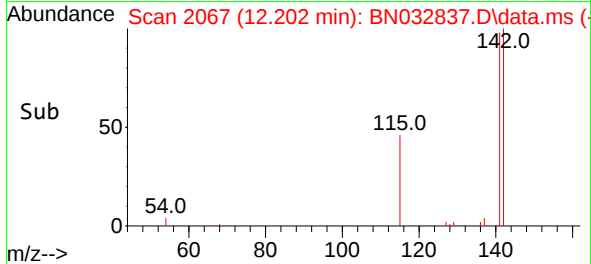
Instrument :
BNA_N
ClientSampleId :
A4BY4



Tgt Ion:142 Resp: 379
Ion Ratio Lower Upper
142 100
141 95.2 75.0 112.4

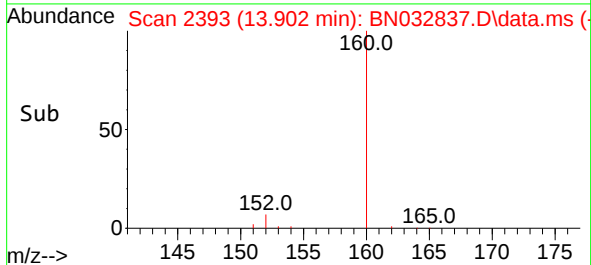
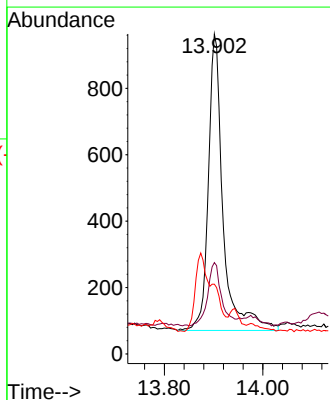
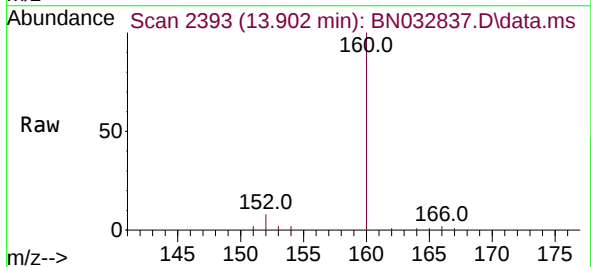
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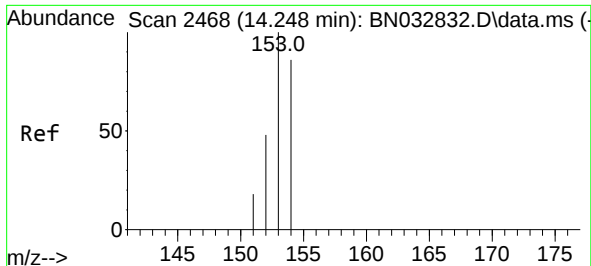
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.902 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

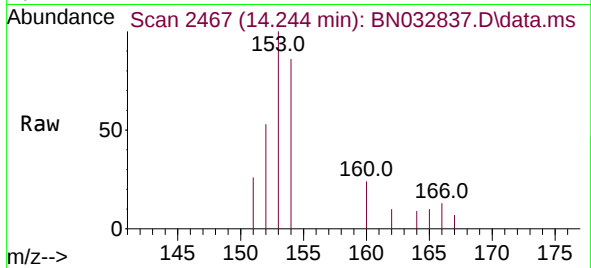
Tgt Ion:152 Resp: 1854
Ion Ratio Lower Upper
152 100
151 28.5 16.3 24.5#
153 21.8 11.3 16.9#





#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

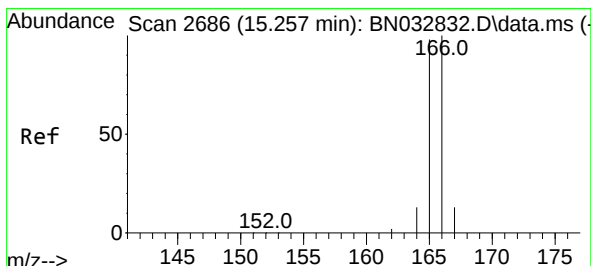
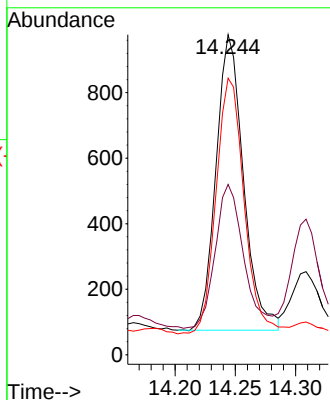
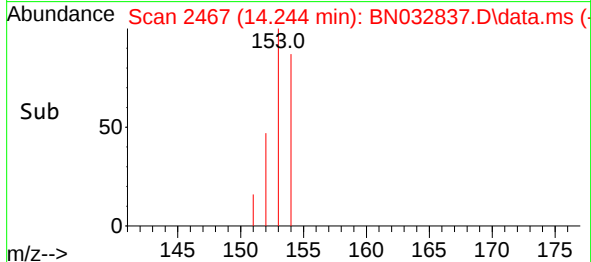
Instrument :
BNA_N
ClientSampleId :
A4BY4



Tgt Ion:153 Resp: 1429
Ion Ratio Lower Upper
153 100
152 53.2 40.0 60.0
154 86.4 70.2 105.4

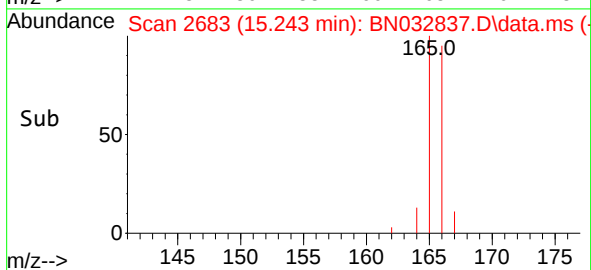
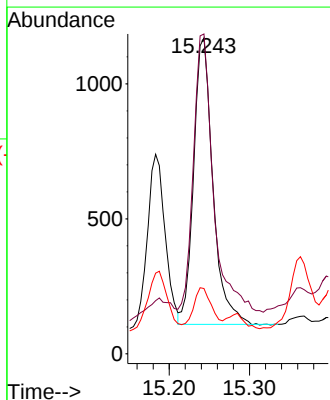
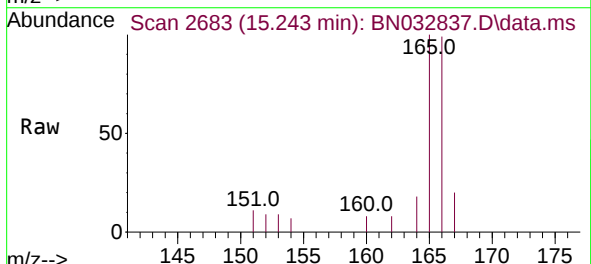
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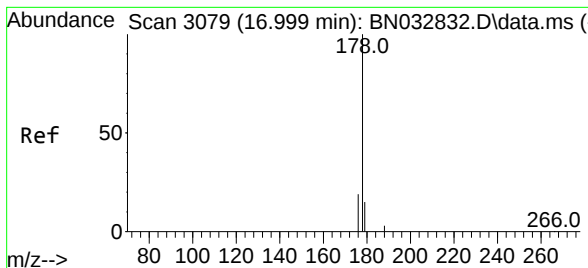
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. -0.023 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

Tgt Ion:166 Resp: 1768
Ion Ratio Lower Upper
166 100
165 101.3 79.7 119.5
167 20.7 11.4 17.2#





#15

Phenanthrene

Concen: 0.860 ng/ul m

RT: 16.982 min Scan# 3075

Delta R.T. -0.025 min

Lab File: BN032837.D

Acq: 19 Jul 2024 12:46

Instrument :

BNA_N

ClientSampleId :

A4BY4

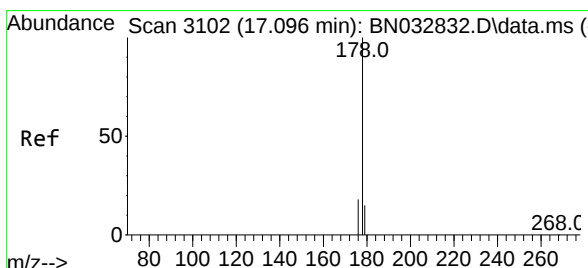
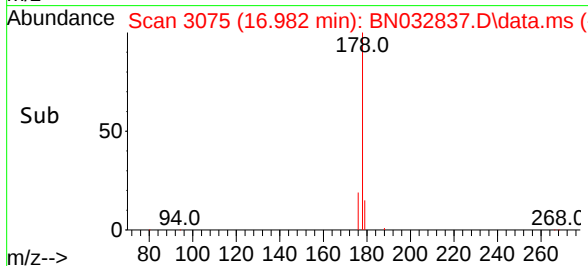
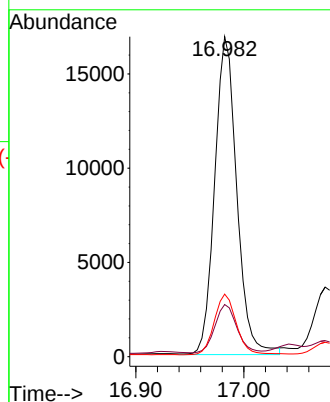
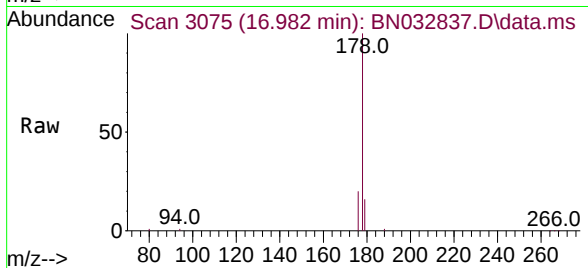
Tgt Ion:178	Resp:	23980
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.0 19.4
176	19.5	15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#16

Anthracene

Concen: 0.279 ng/ul m

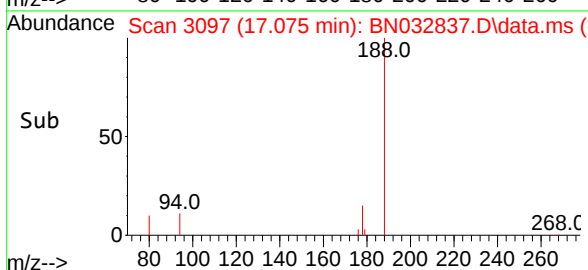
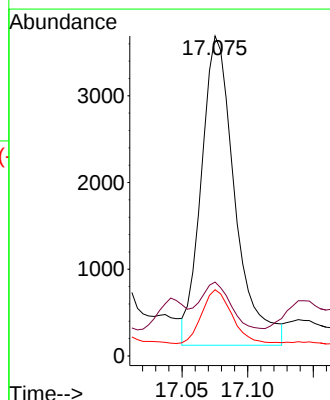
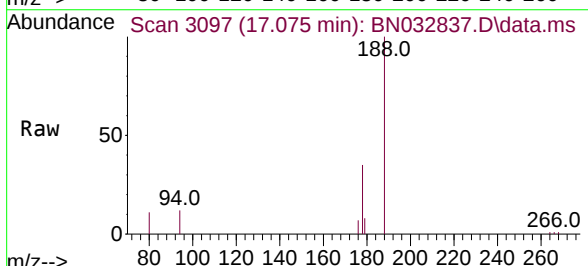
RT: 17.075 min Scan# 3097

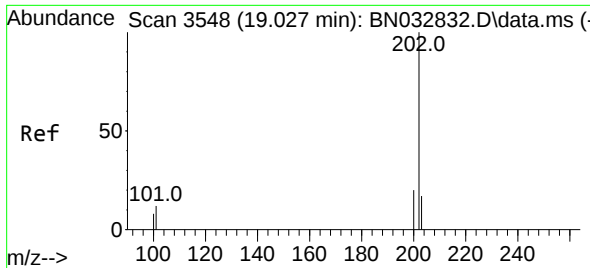
Delta R.T. -0.030 min

Lab File: BN032837.D

Acq: 19 Jul 2024 12:46

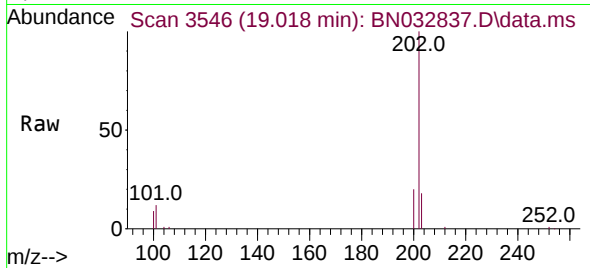
Tgt Ion:178	Resp:	6358
Ion Ratio	Lower	Upper
178	100	
179	23.1	13.4 20.2
176	20.7	15.4 23.0





#19
Fluoranthene
Concen: 1.274 ng/ul
RT: 19.018 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

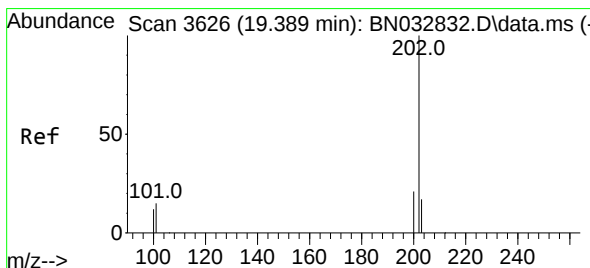
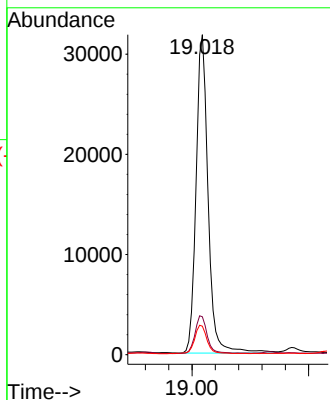
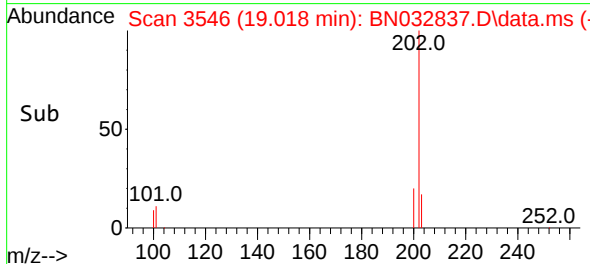
Instrument :
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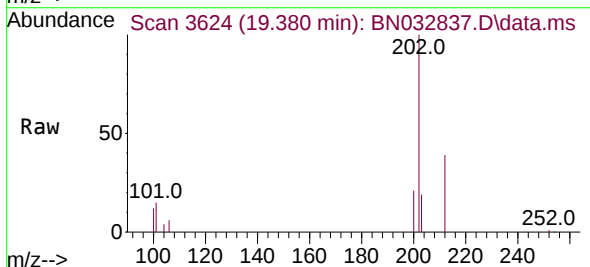
Tgt Ion:202 Resp: 4587
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9

Manual Integrations
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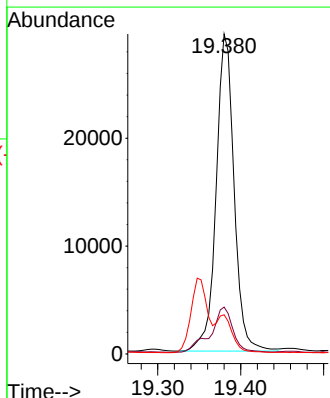
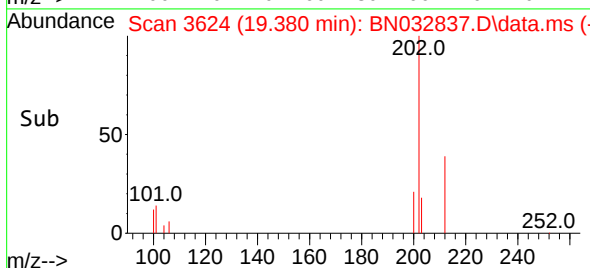
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

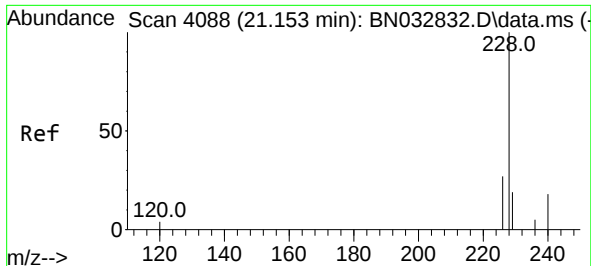


#20
Pyrene
Concen: 1.182 ng/ul
RT: 19.380 min Scan# 3624
Delta R.T. -0.019 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46



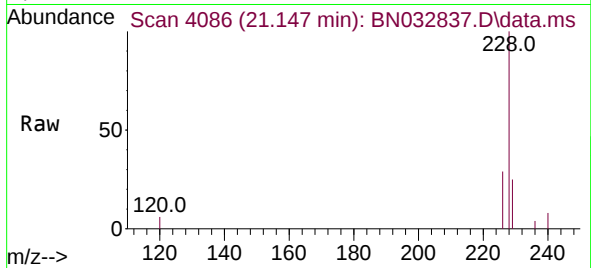
Tgt Ion:202 Resp: 44058
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 12.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.834 ng/ul m
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

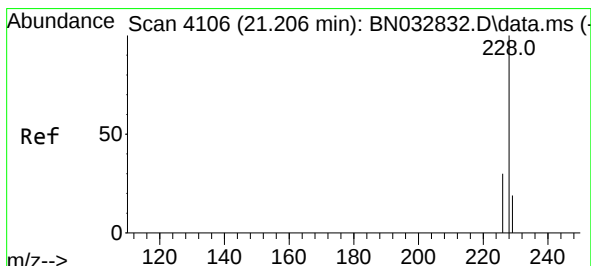
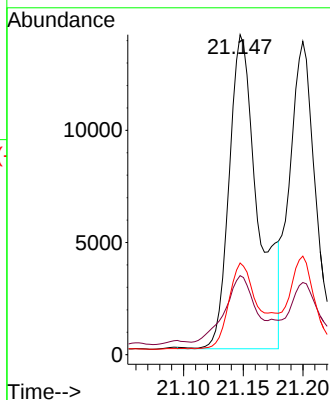
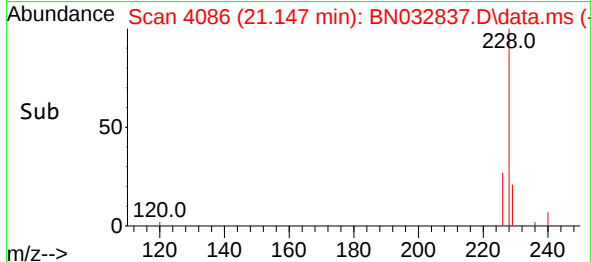
Instrument :
BNA_N
ClientSampleId :
A4BY4



Tgt Ion:228 Resp: 2349
Ion Ratio Lower Upper
228 100
229 24.7 16.1 24.1
226 28.7 21.9 32.9

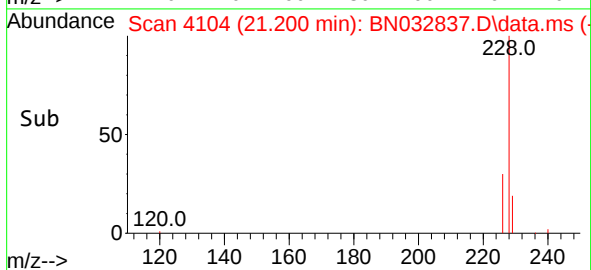
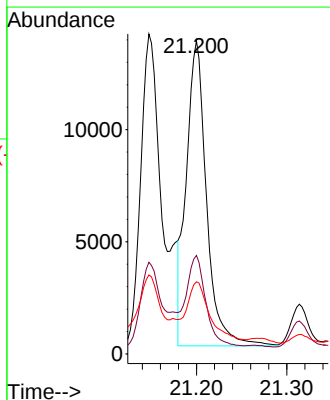
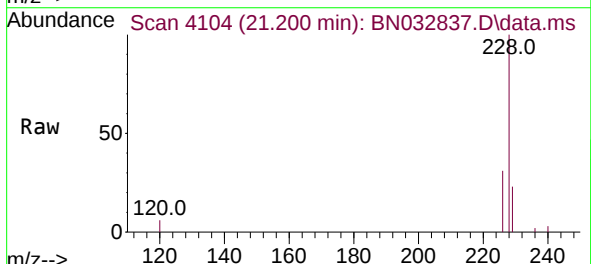
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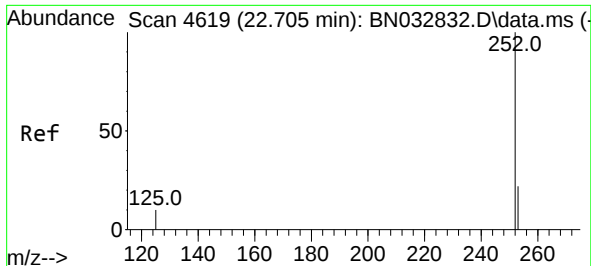
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 0.518 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

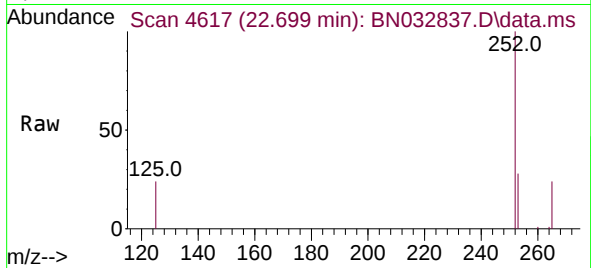
Tgt Ion:228 Resp: 21105
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 23.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.871 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.012 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

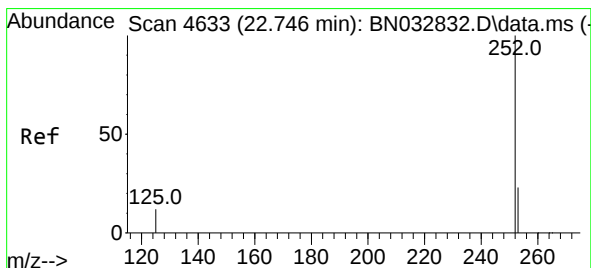
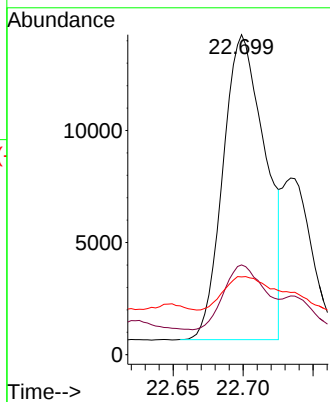
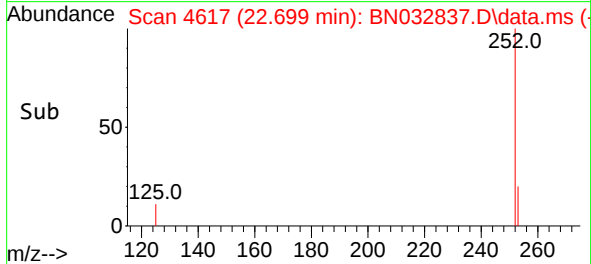
Instrument :
BNA_N
ClientSampleId :
A4BY4



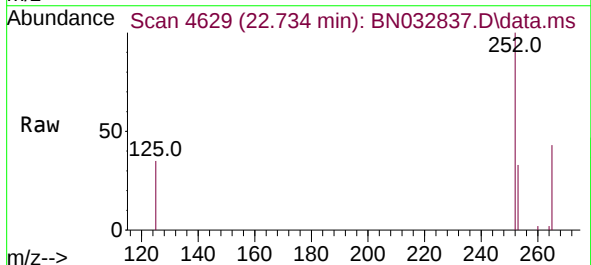
Tgt Ion:252 Resp: 2852
Ion Ratio Lower Upper
252 100
253 28.0 0.0 54.0
125 24.3 0.0 36.0

Manual Integrations
APPROVED

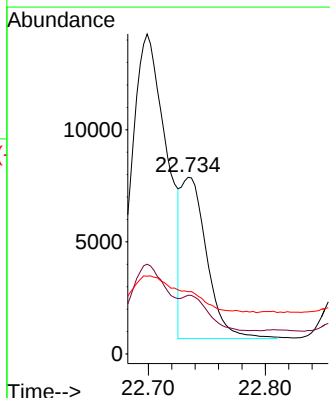
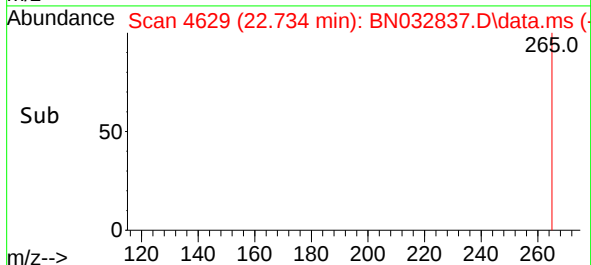
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

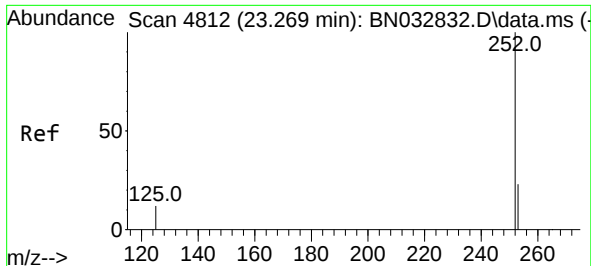


#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.020 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46



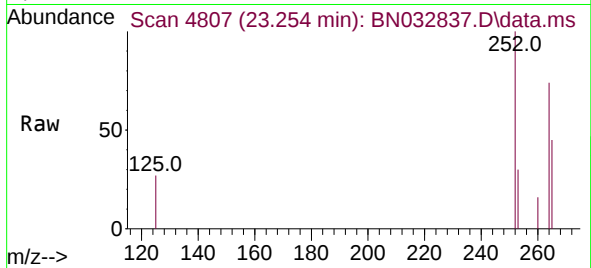
Tgt Ion:252 Resp: 11047
Ion Ratio Lower Upper
252 100
253 33.3 21.2 31.8#
125 35.3 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.772 ng/ul
RT: 23.254 min Scan# 4812
Delta R.T. -0.023 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

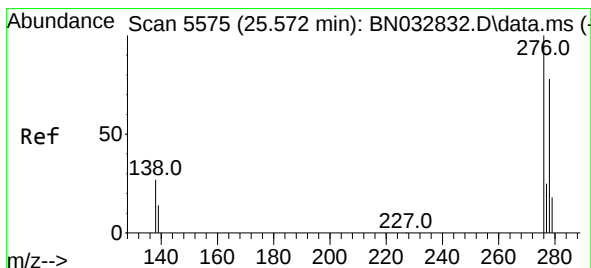
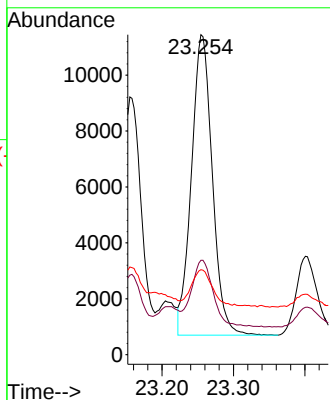
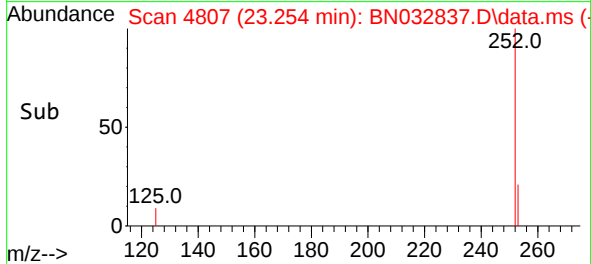
Instrument :
BNA_N
ClientSampleId :
A4BY4



Tgt Ion:252 Resp: 21874
Ion Ratio Lower Upper
252 100
253 29.5 25.4 38.0
125 26.6 20.6 30.8

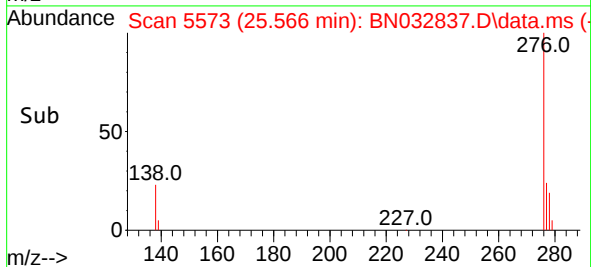
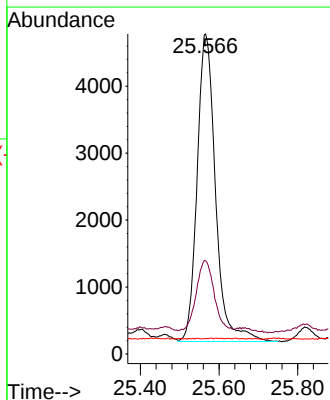
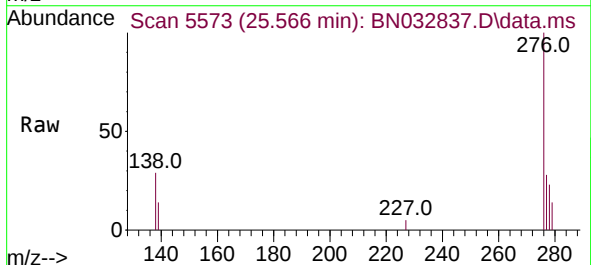
Manual Integrations
APPROVED

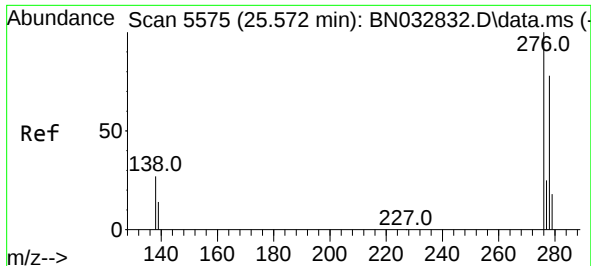
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.017 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

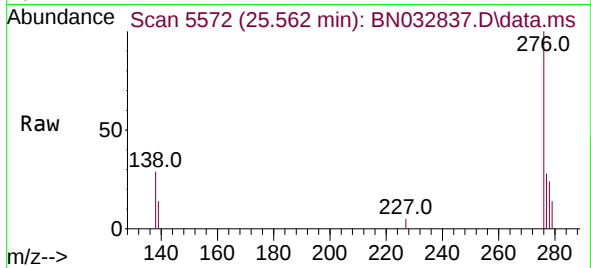
Tgt Ion:276 Resp: 14888
Ion Ratio Lower Upper
276 100
138 22.6 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 25.562 min Scan# 5572
Delta R.T. -0.027 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

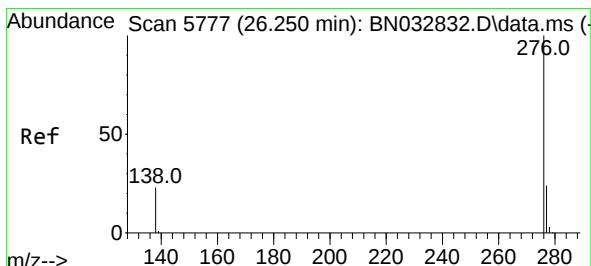
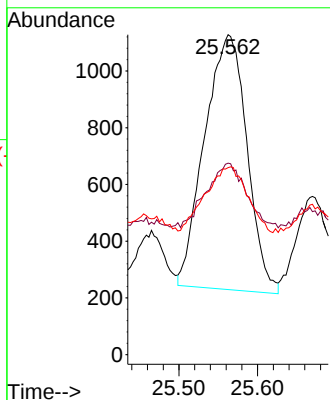
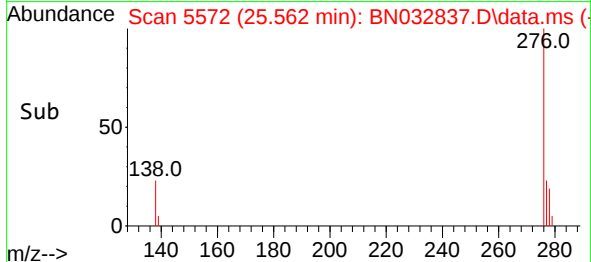
Instrument :
BNA_N
ClientSampleId :
A4BY4



Tgt Ion:278 Resp: 336
Ion Ratio Lower Upper
278 100
139 59.8 16.6 24.8
279 58.4 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 26.243 min Scan# 5775
Delta R.T. -0.017 min
Lab File: BN032837.D
Acq: 19 Jul 2024 12:46

Tgt Ion:276 Resp: 15608
Ion Ratio Lower Upper
276 100
138 29.4 21.0 31.4
277 28.6 20.6 31.0

