

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032851.D
 Acq On : 19 Jul 2024 21:13
 Operator : MA/JU
 Sample : P3178-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW0

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:20:39 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	7.527	152	3944	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.299	136	13105	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	7212	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	11519m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.162	240	8921m	0.400	ng/ul	-0.01
23) Perylene-d12	23.351	264	9365m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	10236	2.161	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3287	0.166	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	4877	0.168	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	877	0.025	ng/ul#	74
10) Acenaphthylene	13.902	152	1161	0.040	ng/ul#	77
11) Acenaphthene	14.244	153	825	0.034	ng/ul	97
12) Fluorene	15.239	166	866	0.031	ng/ul#	96
15) Phenanthrene	16.982	178	9186m	0.293	ng/ul	
16) Anthracene	17.075	178	2427m	0.095	ng/ul	
19) Fluoranthene	19.018	202	13092	0.361	ng/ul	100
20) Pyrene	19.380	202	12821m	0.341	ng/ul	
21) Benzo(a)anthracene	21.147	228	6821	0.240	ng/ul#	87
22) Chrysene	21.200	228	5974	0.145	ng/ul#	86
24) Benzo(b)fluoranthene	22.696	252	9050m	0.274	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	3170m	0.079	ng/ul	
26) Benzo(a)pyrene	23.254	252	6481	0.227	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.572	276	4730	0.122	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.569	278	1115	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	26.247	276	4727	0.146	ng/ul#	72

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

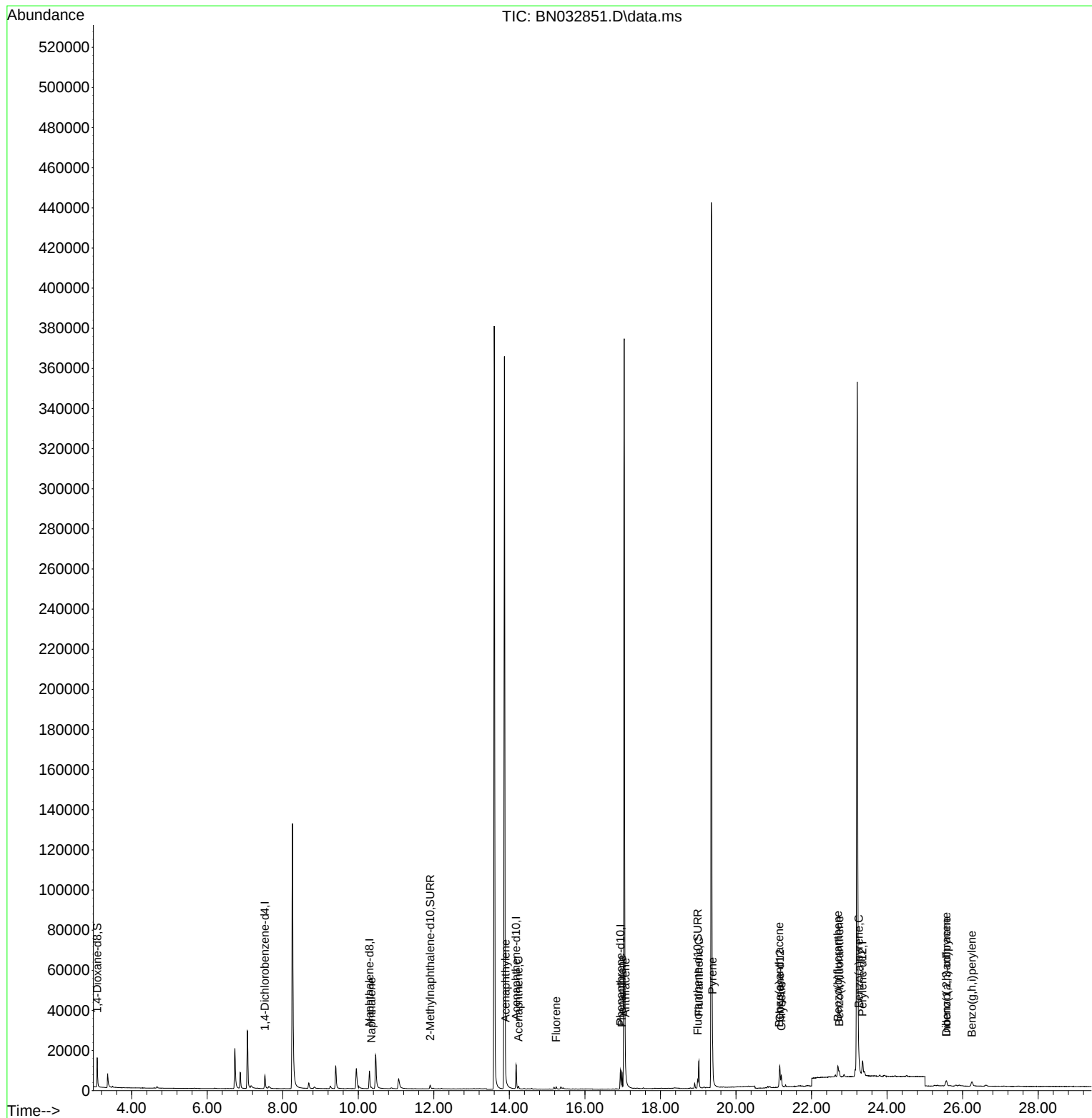
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032851.D
Acq On : 19 Jul 2024 21:13
Operator : MA/JU
Sample : P3178-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

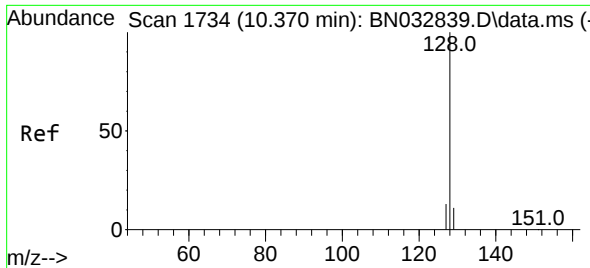
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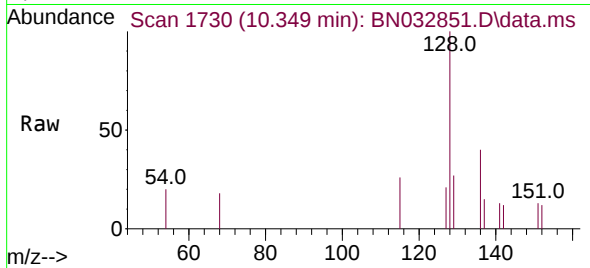
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.349 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

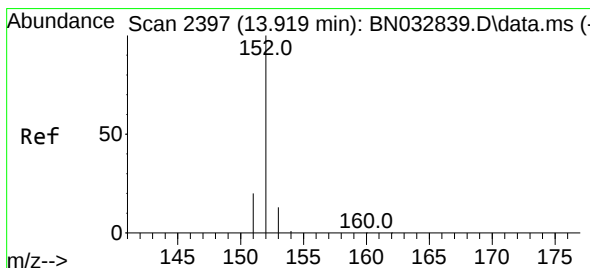
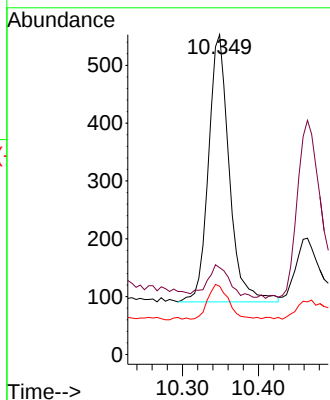
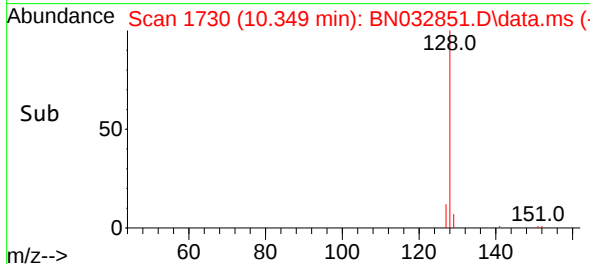
Instrument :
BNA_N
ClientSampleId :
A4BW0



Tgt Ion:128 Resp: 87
Ion Ratio Lower Upper
128 100
129 27.1 10.0 15.0#
127 21.3 11.6 17.4#

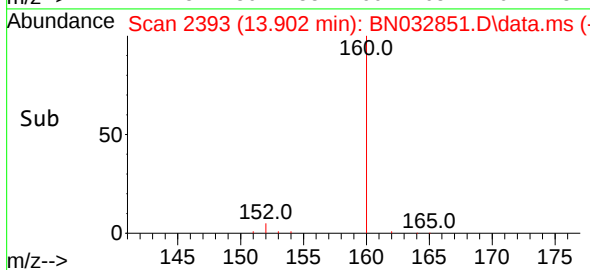
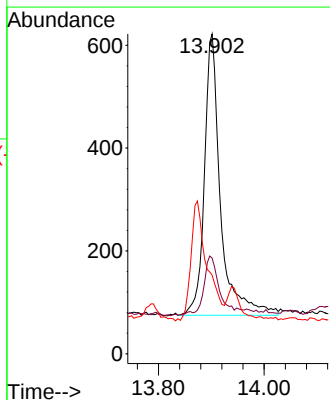
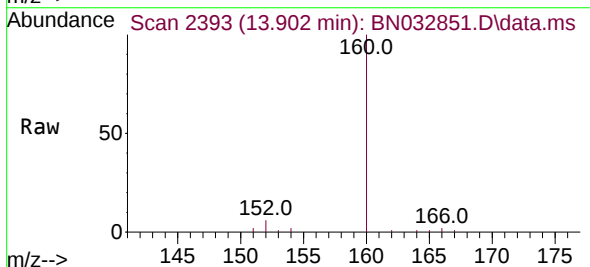
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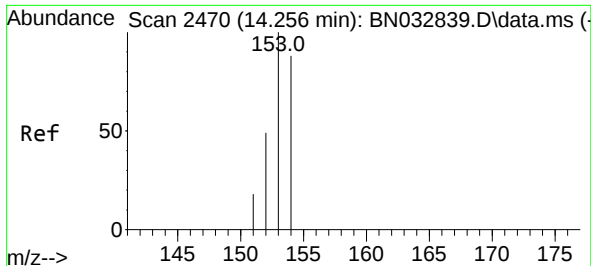
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 13.902 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

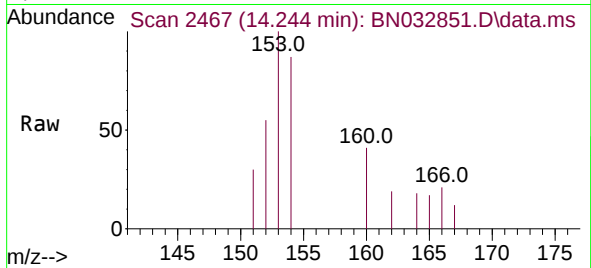
Tgt Ion:152 Resp: 1161
Ion Ratio Lower Upper
152 100
151 29.9 16.3 24.5#
153 24.6 11.3 16.9#





#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

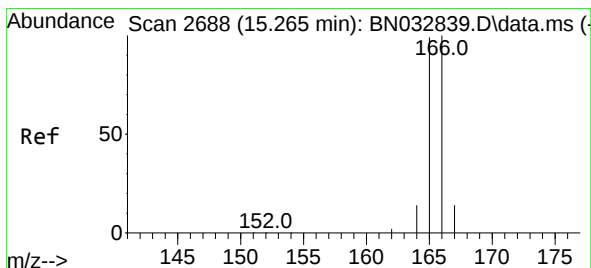
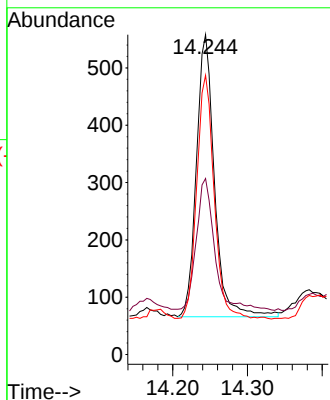
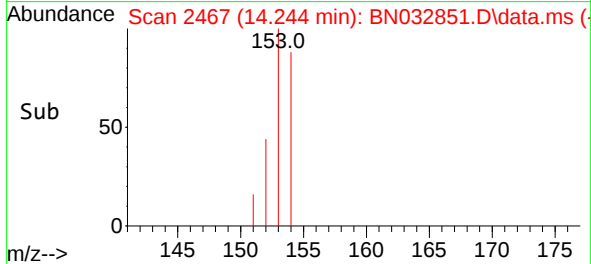
Instrument :
BNA_N
ClientSampleId :
A4BW0



Tgt Ion:153 Resp: 829
Ion Ratio Lower Upper
153 100
152 55.0 40.0 60.0
154 87.3 70.2 105.4

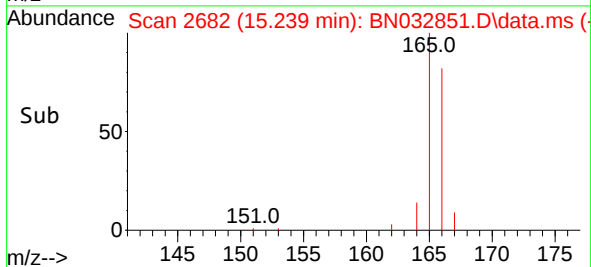
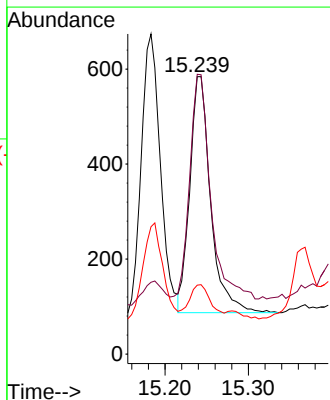
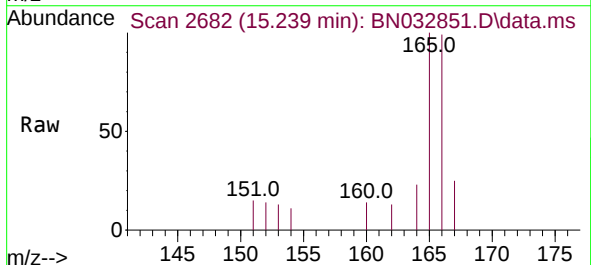
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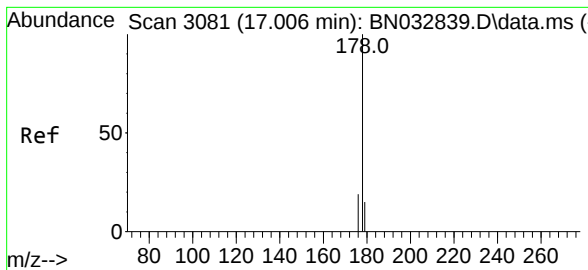
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.028 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

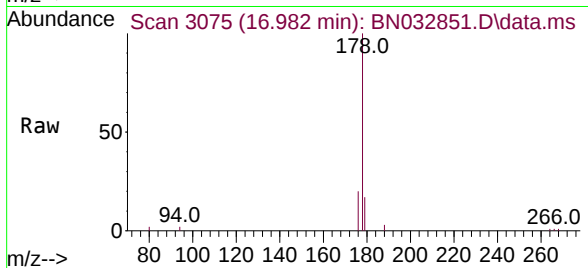
Tgt Ion:166 Resp: 866
Ion Ratio Lower Upper
166 100
165 100.9 79.7 119.5
167 24.8 11.4 17.2#





#15
 Phenanthrene
 Concen: 0.293 ng/ul m
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.025 min
 Lab File: BN032851.D
 Acq: 19 Jul 2024 21:13

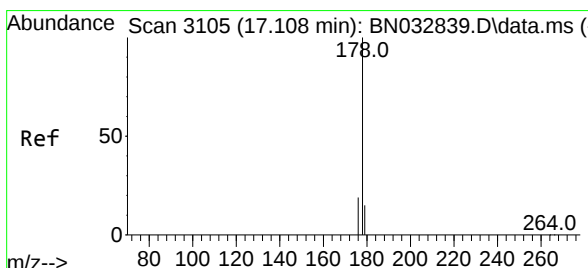
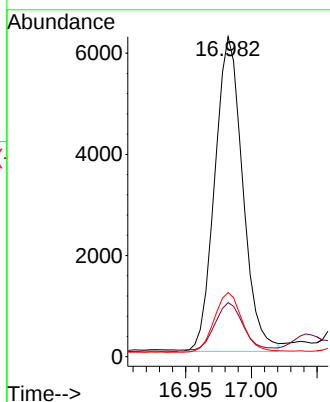
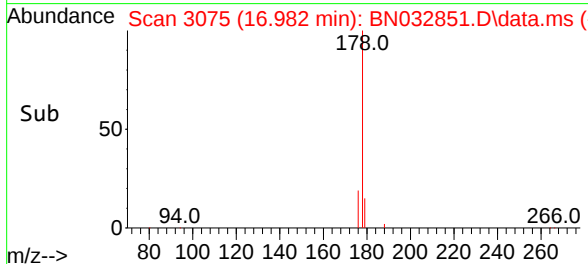
Instrument :
 BNA_N
 ClientSampleId :
 A4BW0



Tgt Ion:178 Resp: 9180
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.0 19.4
 176 20.0 15.6 23.4

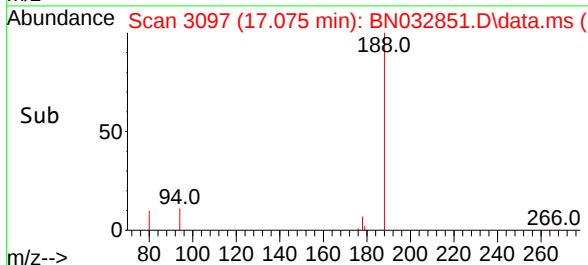
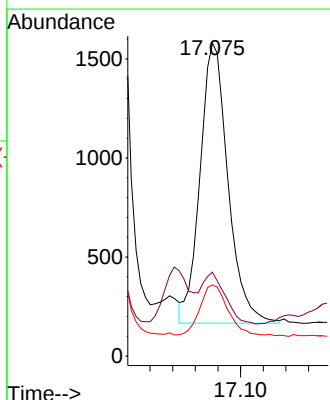
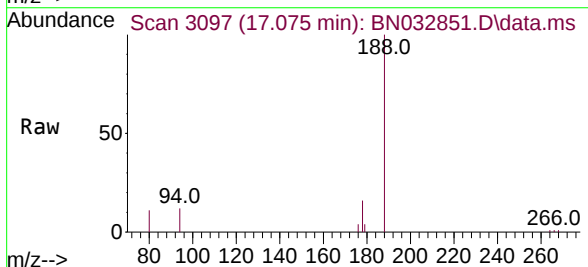
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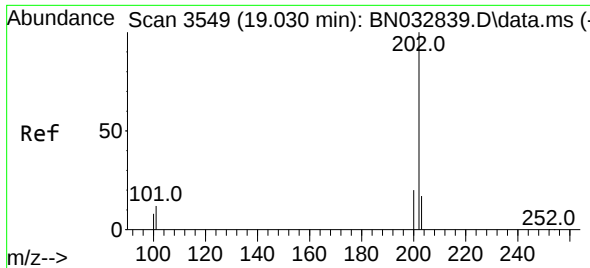
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#16
 Anthracene
 Concen: 0.095 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.030 min
 Lab File: BN032851.D
 Acq: 19 Jul 2024 21:13

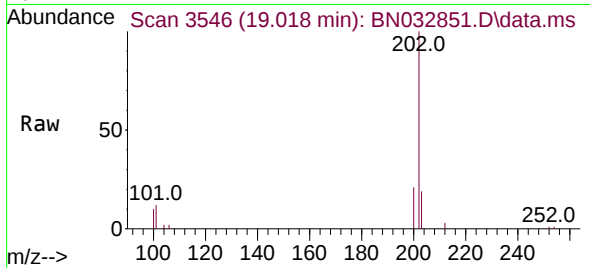
Tgt Ion:178 Resp: 2427
 Ion Ratio Lower Upper
 178 100
 179 26.8 13.4 20.2#
 176 22.7 15.4 23.0





#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.018 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

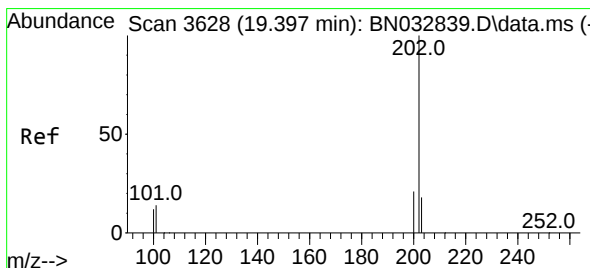
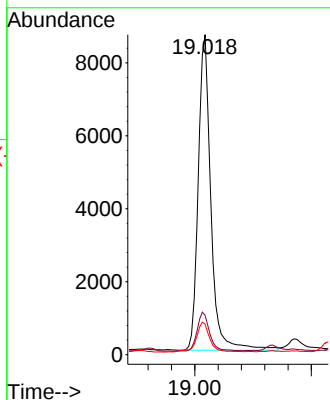
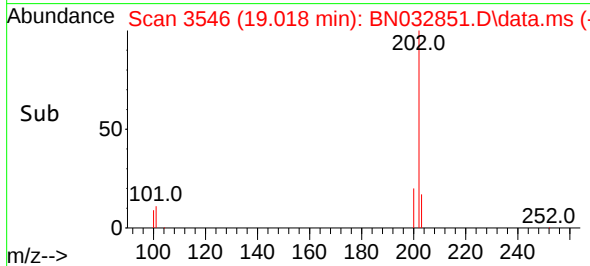
Instrument :
BNA_N
ClientSampleId :
A4BW0



Tgt Ion:202 Resp: 13092
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.6 7.9 11.9

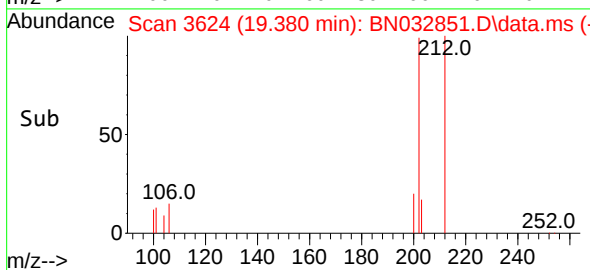
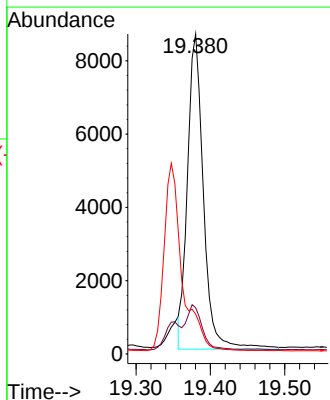
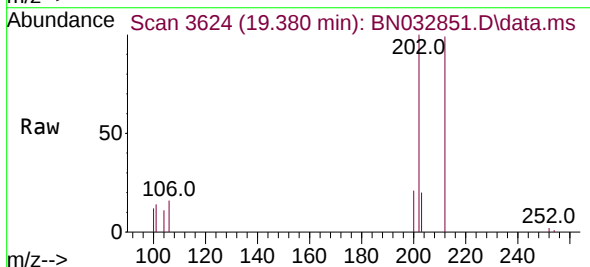
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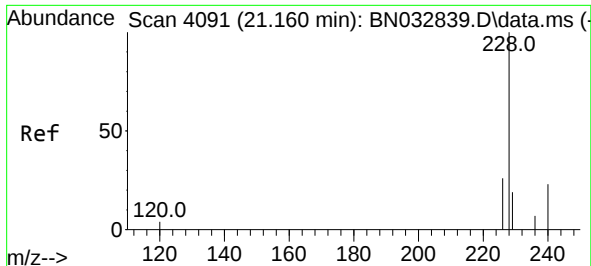
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 0.341 ng/ul m
RT: 19.380 min Scan# 3624
Delta R.T. -0.019 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

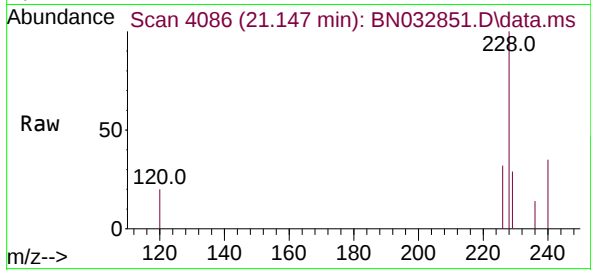
Tgt Ion:202 Resp: 12821
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 12.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

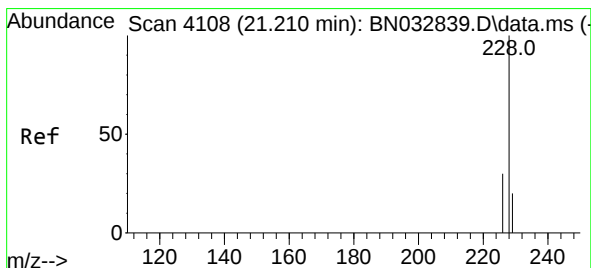
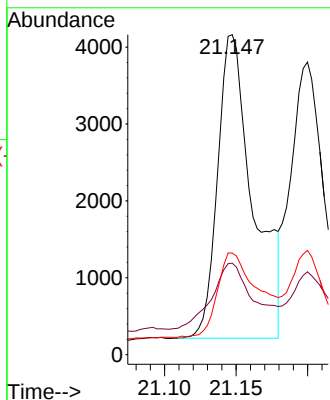
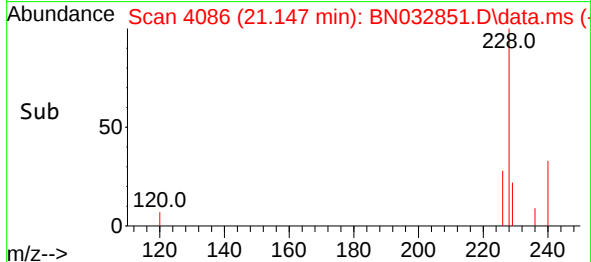
Instrument :
BNA_N
ClientSampleId :
A4BW0



Tgt Ion:228 Resp: 682
Ion Ratio Lower Upper
228 100
229 28.6 16.1 24.1
226 31.8 21.9 32.9

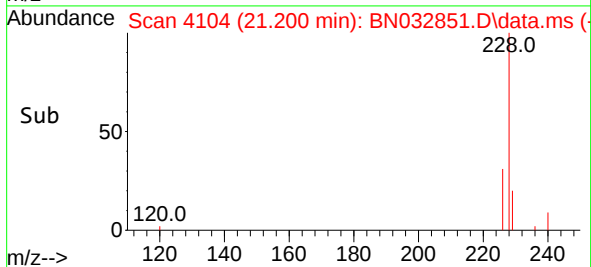
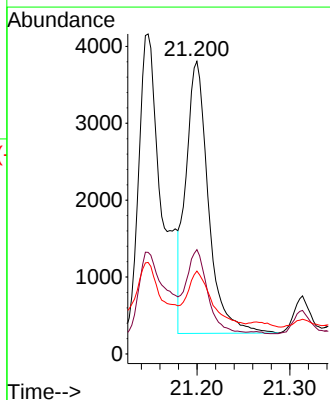
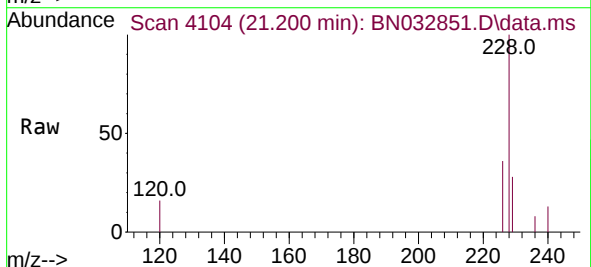
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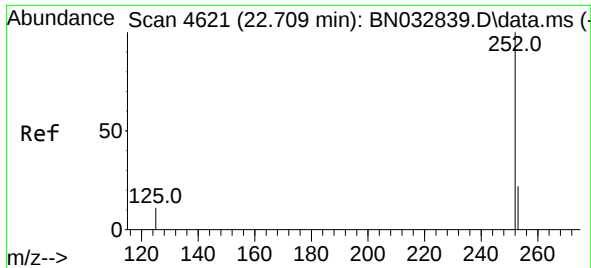
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 0.145 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

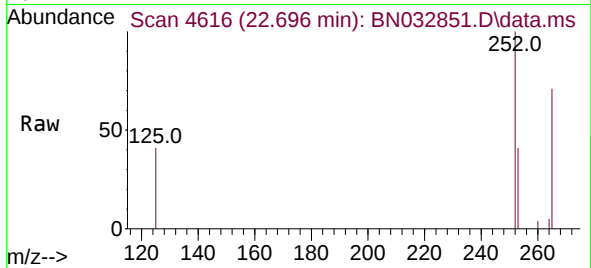
Tgt Ion:228 Resp: 5974
Ion Ratio Lower Upper
228 100
226 35.6 24.0 36.0
229 28.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.274 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

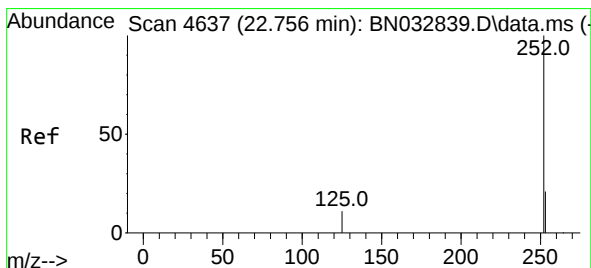
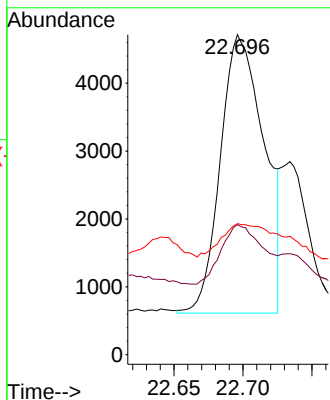
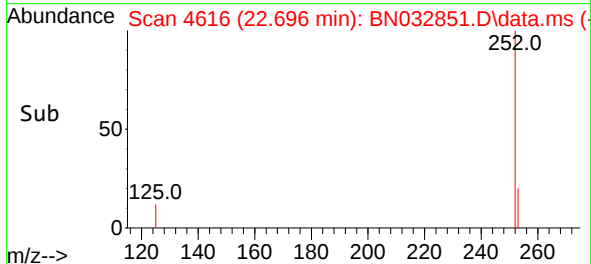
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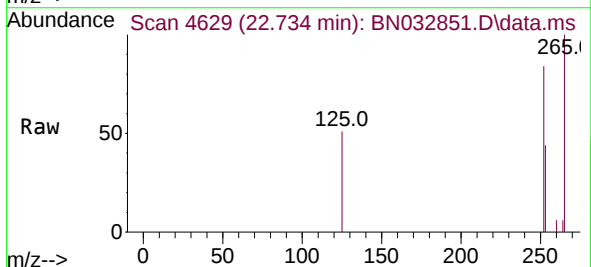
Tgt Ion:252 Resp: 9050
Ion Ratio Lower Upper
252 100
253 40.7 0.0 54.0
125 41.0 0.0 36.0

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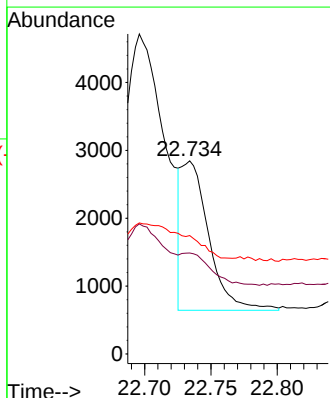
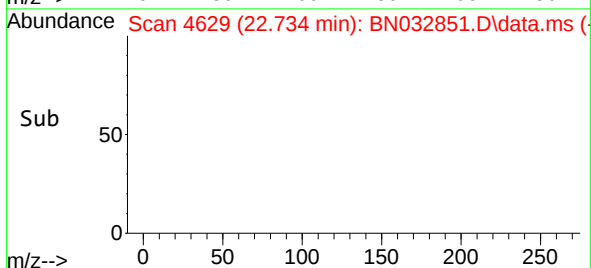
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

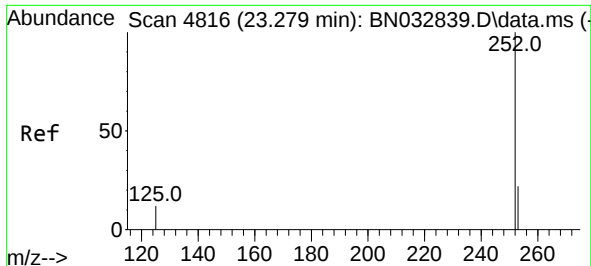


#25
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.021 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13



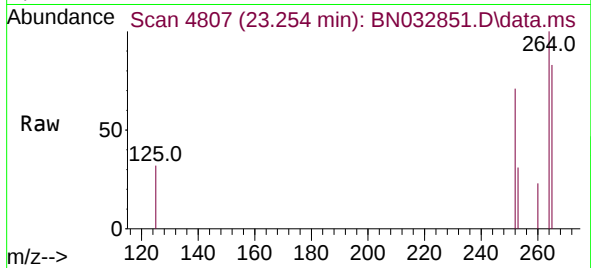
Tgt Ion:252 Resp: 3170
Ion Ratio Lower Upper
252 100
253 52.3 21.2 31.8#
125 61.3 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.227 ng/ul
RT: 23.254 min Scan# 4816
Delta R.T. -0.023 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

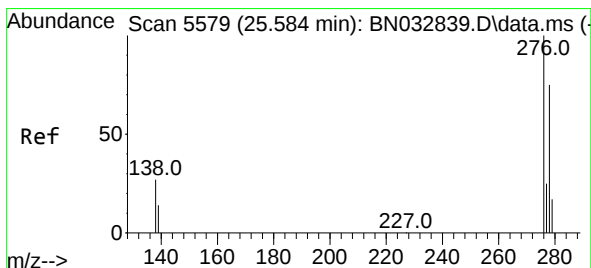
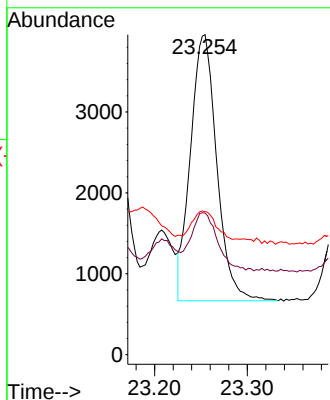
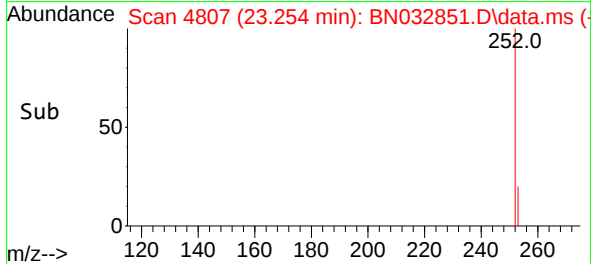
Instrument :
BNA_N
ClientSampleId :
A4BW0



Tgt Ion:252 Resp: 648
Ion Ratio Lower Upper
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125 44.7 20.6 30.8

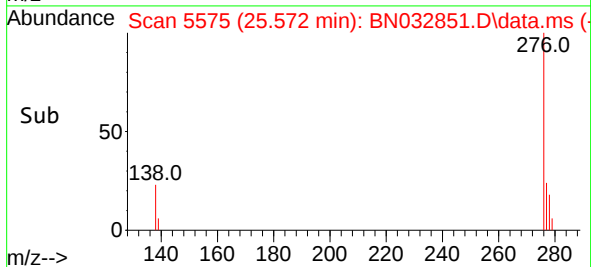
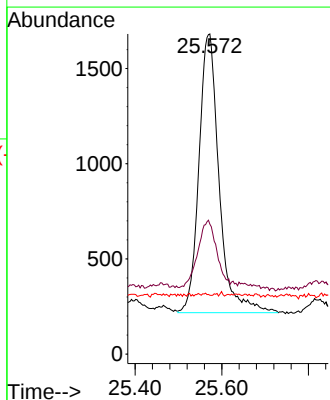
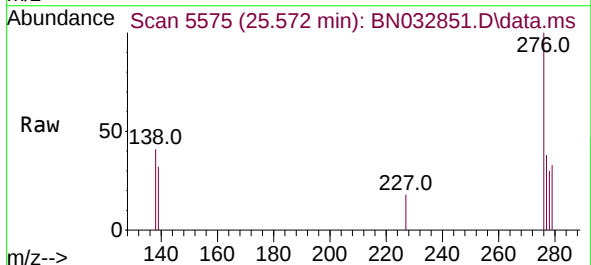
Manual Integrations
APPROVED

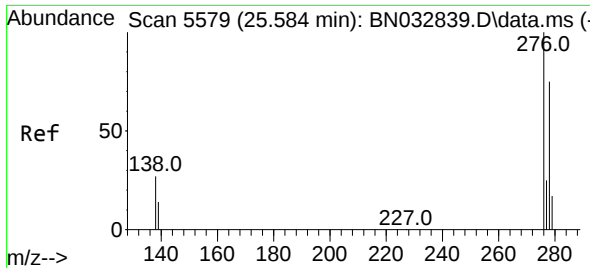
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.010 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

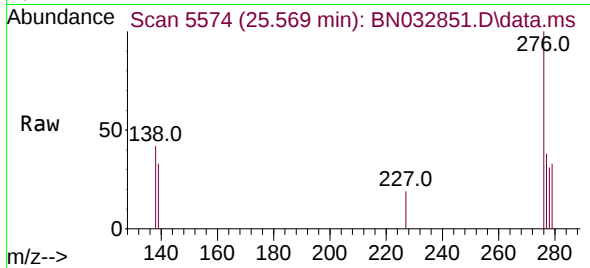
Tgt Ion:276 Resp: 4730
Ion Ratio Lower Upper
276 100
138 24.0 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.569 min Scan# 5115
Delta R.T. -0.020 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13

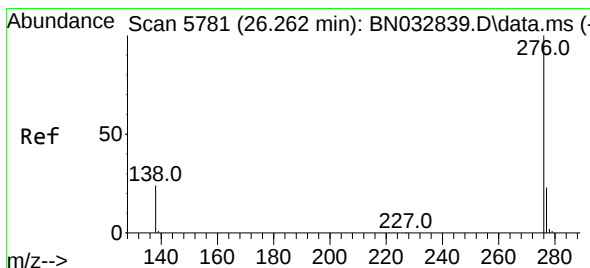
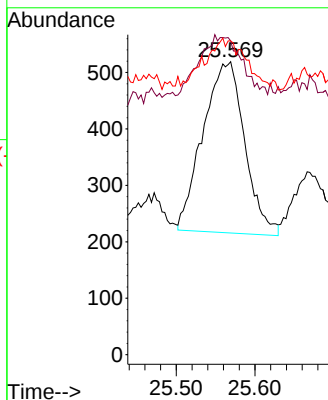
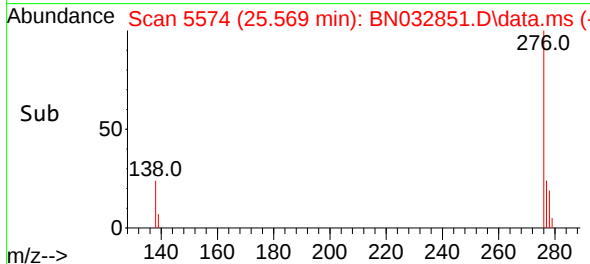
Instrument :
BNA_N
ClientSampleId :
A4BW0



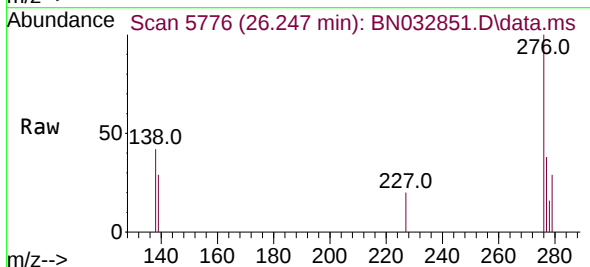
Tgt Ion:278 Resp: 1115
Ion Ratio Lower Upper
278 100
139 107.1 16.6 24.8#
279 107.1 23.7 35.5#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 26.247 min Scan# 5776
Delta R.T. -0.013 min
Lab File: BN032851.D
Acq: 19 Jul 2024 21:13



Tgt Ion:276 Resp: 4727
Ion Ratio Lower Upper
276 100
138 42.0 21.0 31.4#
277 38.3 20.6 31.0#

