

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032852.D
 Acq On : 19 Jul 2024 21:50
 Operator : MA/JU
 Sample : P3178-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BW1

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:20:52 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	3645	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.299	136	11291	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	6107	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	10707m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.165	240	9024m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	9252m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	14446	3.301	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.900	152	3788	0.222	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6964	0.237	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	13.897	152	649	0.026	ng/ul#	57
15) Phenanthrene	16.982	178	1218m	0.042	ng/ul	
19) Fluoranthene	19.017	202	2871	0.078	ng/ul#	1
20) Pyrene	19.380	202	2528	0.067	ng/ul#	82
21) Benzo(a)anthracene	21.150	228	1722	0.060	ng/ul#	64
22) Chrysene	21.200	228	1800	0.043	ng/ul#	72
24) Benzo(b)fluoranthene	22.696	252	2545m	0.078	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	971m	0.024	ng/ul	
26) Benzo(a)pyrene	23.245	252	1432	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.576	276	1246	0.033	ng/ul#	85
29) Benzo(g,h,i)perylene	26.253	276	1322	0.041	ng/ul#	17

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

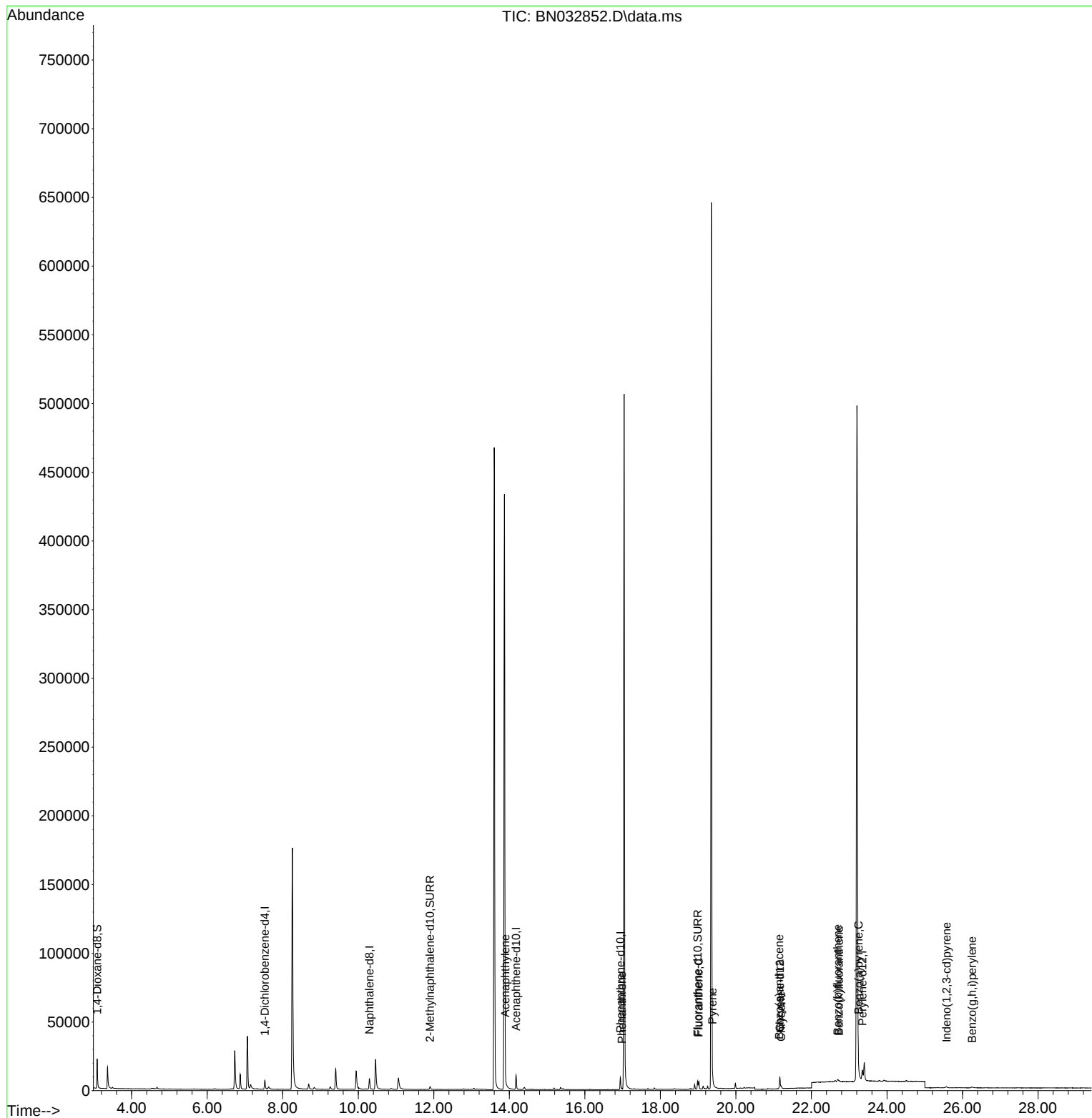
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032852.D
Acq On : 19 Jul 2024 21:50
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Sample : P3178-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

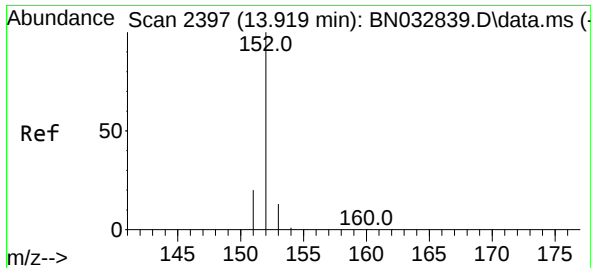
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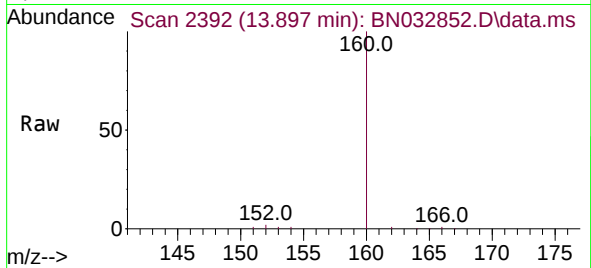
Quant Time: Jul 19 23:20:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.897 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

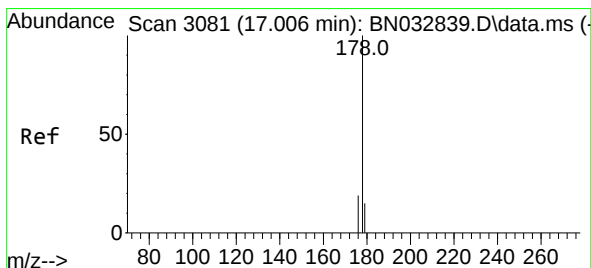
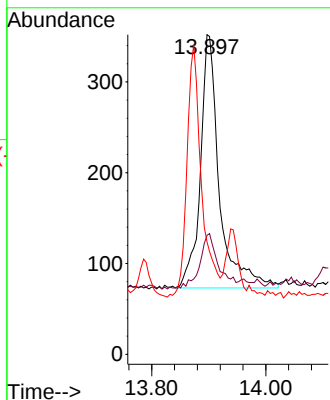
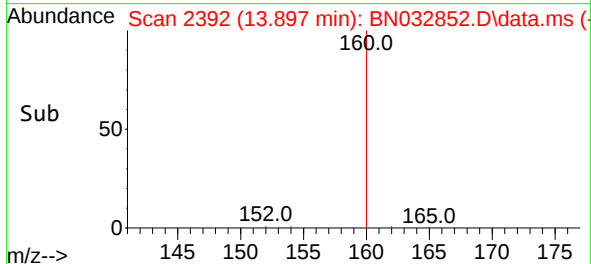
Instrument :
BNA_N
ClientSampleId :
A4BW1



Tgt Ion:152 Resp: 649
Ion Ratio Lower Upper
152 100
151 37.2 16.3 24.5#
153 35.2 11.3 16.9#

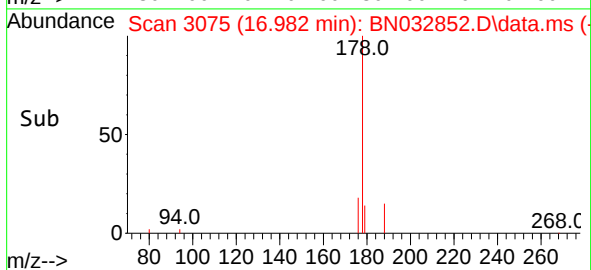
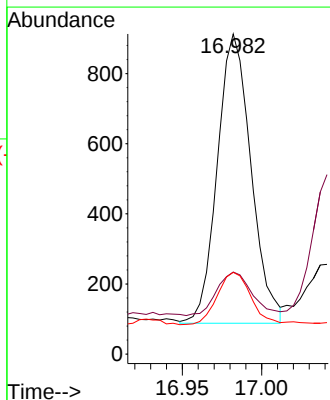
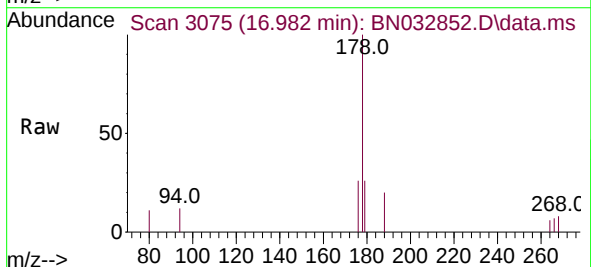
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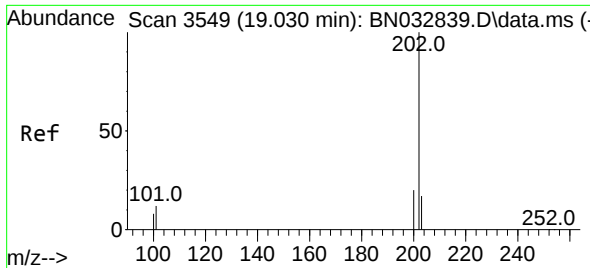
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#15
Phenanthrene
Concen: 0.042 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.026 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

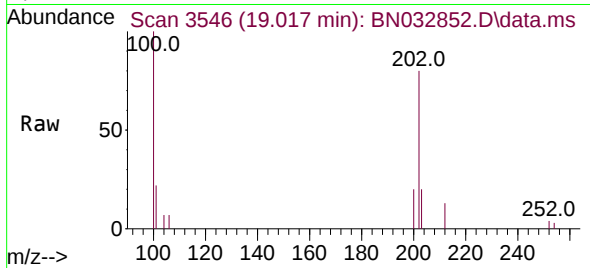
Tgt Ion:178 Resp: 1218
Ion Ratio Lower Upper
178 100
179 25.6 13.0 19.4#
176 25.5 15.6 23.4#





#19
Fluoranthene
Concen: 0.078 ng/u1
RT: 19.017 min Scan# 3549
Delta R.T. -0.014 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

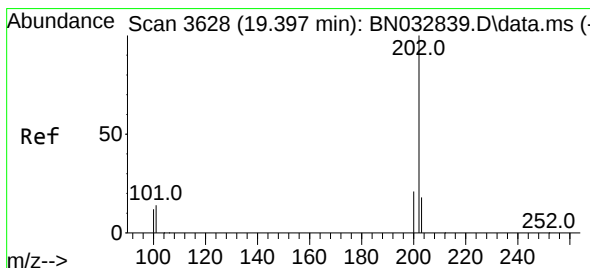
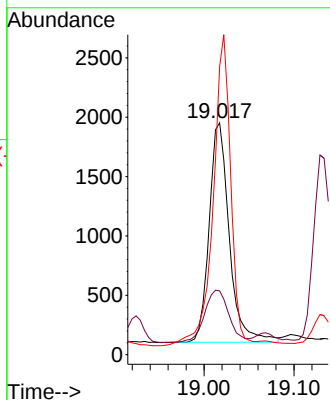
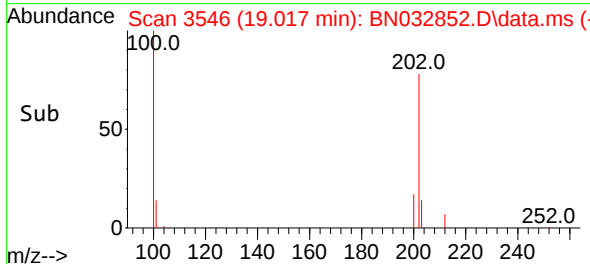
Instrument :
BNA_N
ClientSampleId :
A4BW1



Tgt Ion:202 Resp: 287
Ion Ratio Lower Upper
202 100
101 27.5 9.8 14.8#
100 124.3 7.9 11.9#

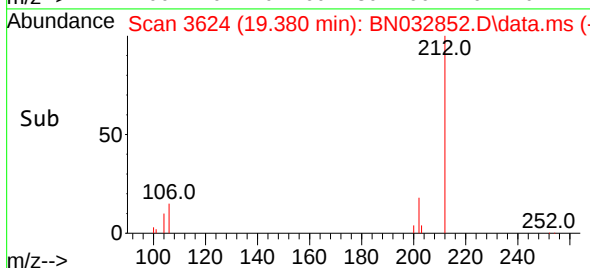
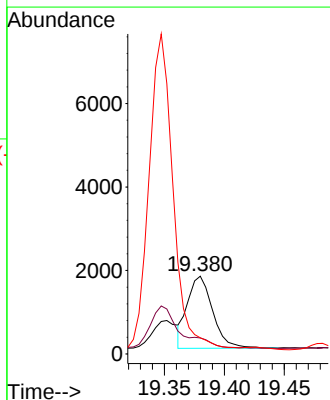
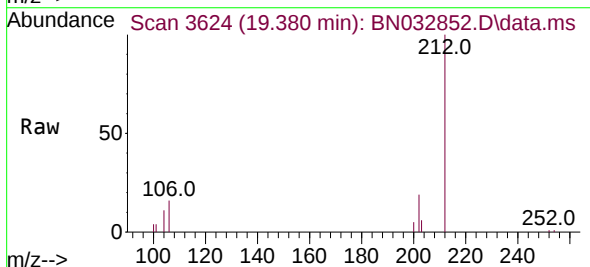
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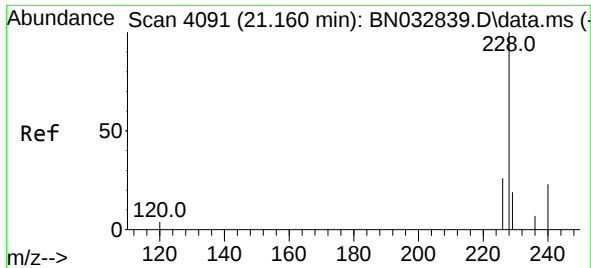
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 0.067 ng/u1
RT: 19.380 min Scan# 3624
Delta R.T. -0.019 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

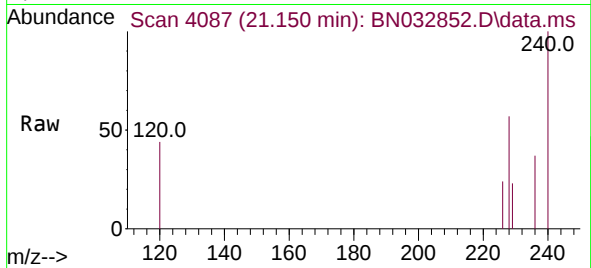
Tgt Ion:202 Resp: 2528
Ion Ratio Lower Upper
202 100
101 20.7 11.8 17.6#
100 20.7 9.6 14.4#





#21
Benzo(a)anthracene
Concen: 0.060 ng/u1
RT: 21.150 min Scan# 4087
Delta R.T. -0.009 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

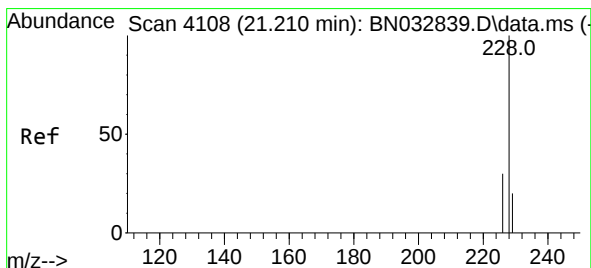
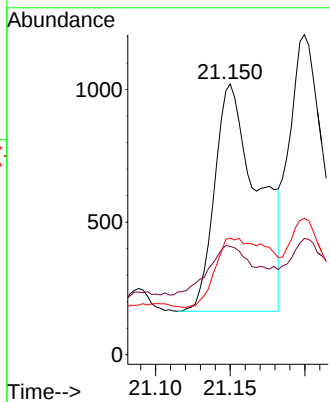
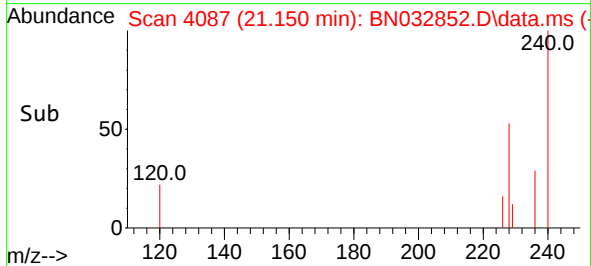
Instrument :
BNA_N
ClientSampleId :
A4BW1



Tgt Ion:228 Resp: 172
Ion Ratio Lower Upper
228 100
229 40.1 16.1 24.1
226 43.1 21.9 32.9

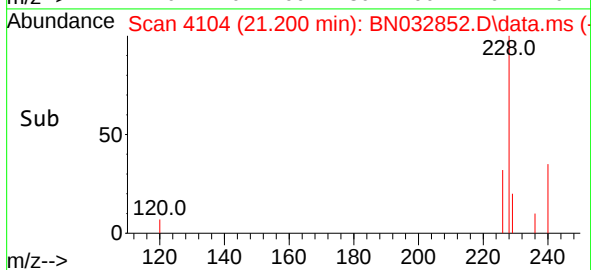
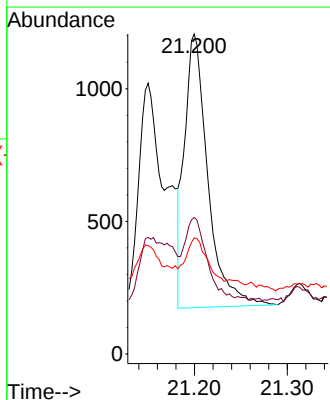
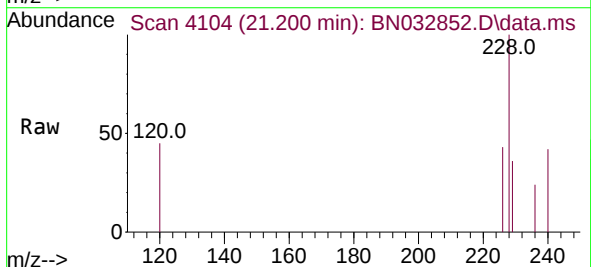
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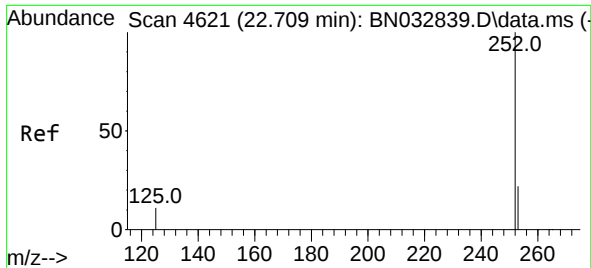
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Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 0.043 ng/u1
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

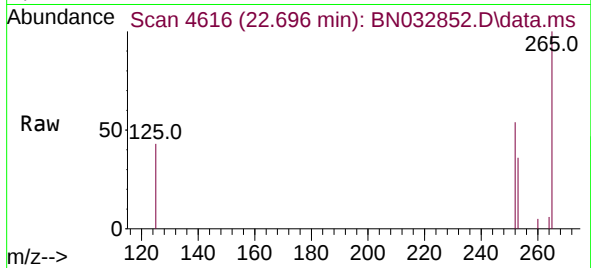
Tgt Ion:228 Resp: 1800
Ion Ratio Lower Upper
228 100
226 42.7 24.0 36.0#
229 36.3 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.078 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

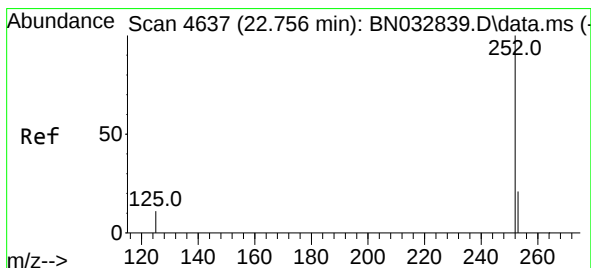
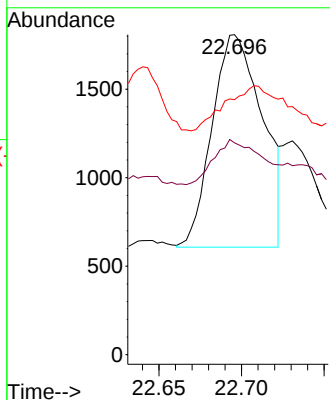
Instrument :
BNA_N
ClientSampleId :
A4BW1



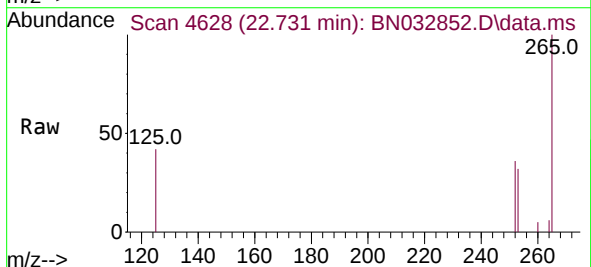
Tgt Ion:252 Resp: 2549
Ion Ratio Lower Upper
252 100
253 66.2 0.0 54.0#
125 79.7 0.0 36.0#

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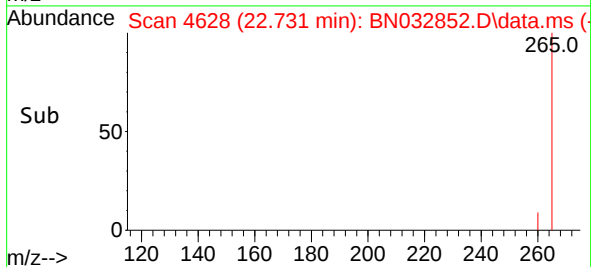
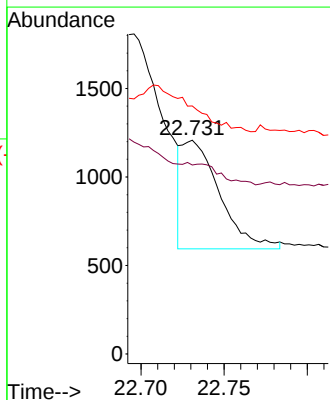
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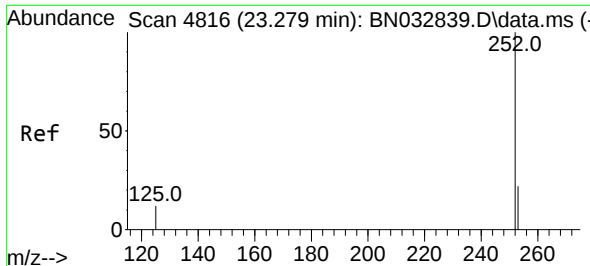


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.024 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50



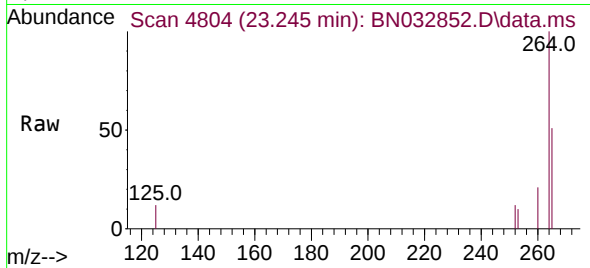
Tgt Ion:252 Resp: 971
Ion Ratio Lower Upper
252 100
253 88.4 21.2 31.8#
125 116.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.245 min Scan# 4816
Delta R.T. -0.032 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50

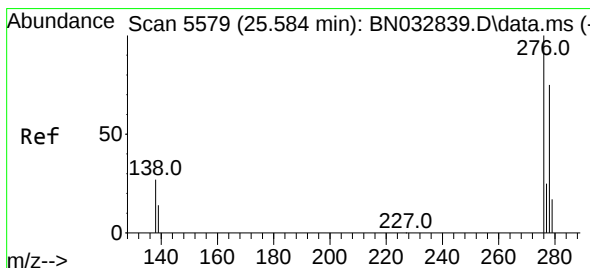
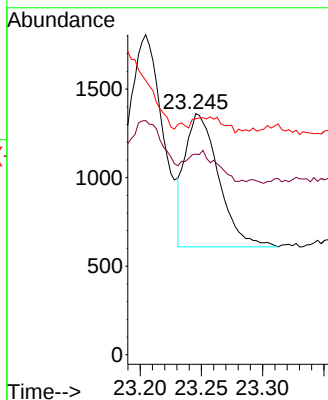
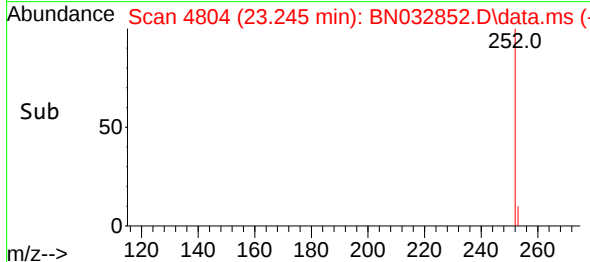
Instrument :
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ClientSampleId :
A4BW1



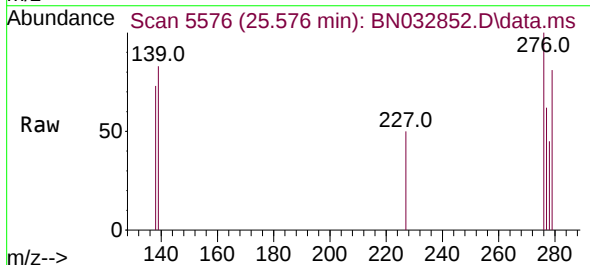
Tgt Ion:252 Resp: 1432
Ion Ratio Lower Upper
252 100
253 83.2 25.4 38.0#
125 97.8 20.6 30.8#

Manual Integrations
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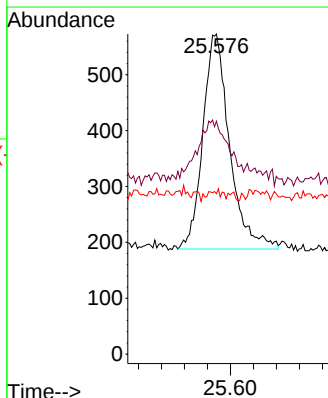
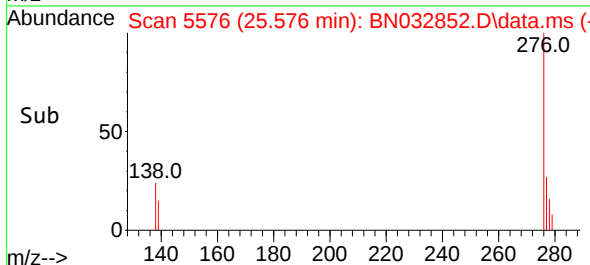
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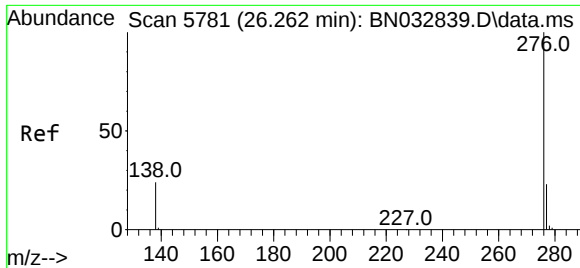


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.007 min
Lab File: BN032852.D
Acq: 19 Jul 2024 21:50



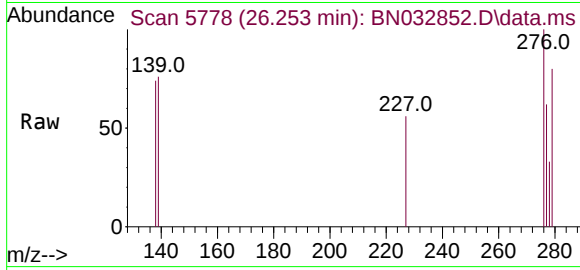
Tgt Ion:276 Resp: 1246
Ion Ratio Lower Upper
276 100
138 34.5 21.6 32.4#
227 3.0 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.041 ng/ul
 RT: 26.253 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN032852.D
 Acq: 19 Jul 2024 21:50

Instrument :
 BNA_N
 ClientSampleId :
 A4BW1



Tgt Ion: 276 Resp: 132

Ion	Ratio	Lower	Upper
276	100		
138	74.2	21.0	31.4
277	62.0	20.6	31.0

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