

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028057.D
 Acq On : 05 Oct 2023 20:18
 Operator : MA/JU
 Sample : 04469-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 01:37:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4809	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	14422	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.578	164	7800	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.333	188	15606	0.400	ng/ul	-0.02
17) Chrysene-d12	21.522	240	14164	0.400	ng/ul	-0.01
23) Perylene-d12	23.986	264	15496	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18339	3.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3410	0.147	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	9172	0.204	ng/ul	0.00
Target Compounds						
7) 2-Methylnaphthalene	12.412	142	616	0.024	ng/ul	Qvalue 100
15) Phenanthrene	17.375	178	3523	0.076	ng/ul#	87
19) Fluoranthene	19.395	202	5543	0.102	ng/ul#	76
20) Pyrene	19.757	202	6014m	0.107	ng/ul	
21) Benzo(a)anthracene	21.504	228	3074	0.059	ng/ul#	83
22) Chrysene	21.560	228	5085m	0.097	ng/ul	
24) Benzo(b)fluoranthene	23.223	252	6060m	0.105	ng/ul	
25) Benzo(k)fluoranthene	23.267	252	2233m	0.039	ng/ul	
26) Benzo(a)pyrene	23.872	252	3079	0.063	ng/ul#	5
27) Indeno(1,2,3-cd)pyrene	26.566	276	2817	0.048	ng/ul#	84
29) Benzo(g,h,i)perylene	27.377	276	4128	0.085	ng/ul#	68

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

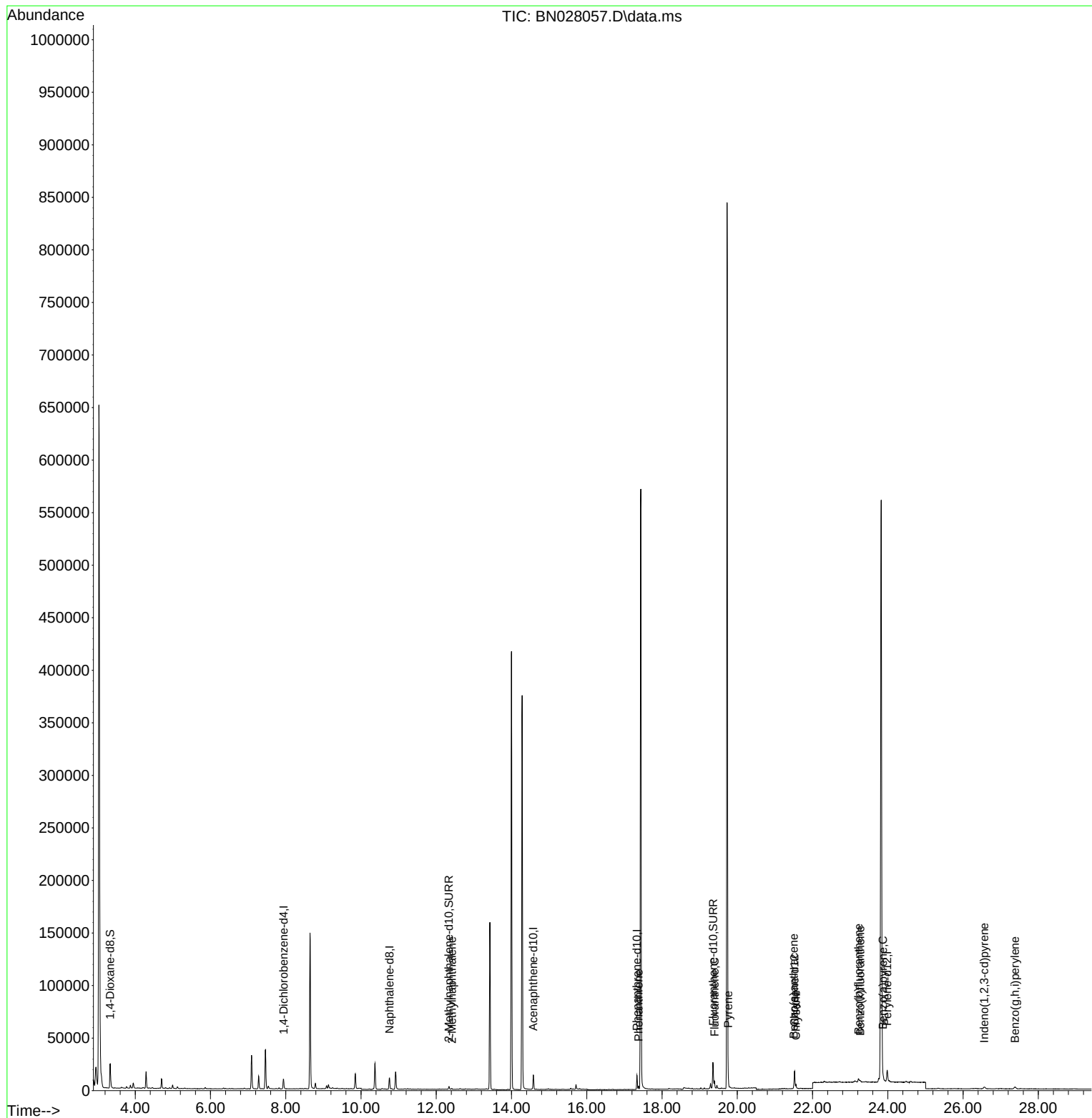
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028057.D
Acq On : 05 Oct 2023 20:18
Operator : MA/JU
Sample : 04469-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

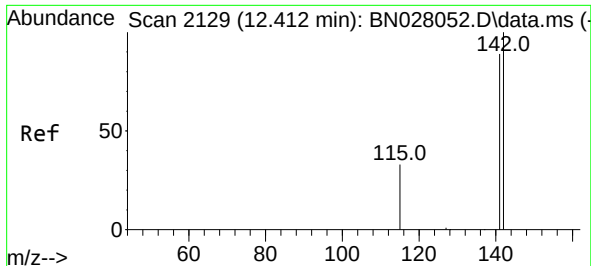
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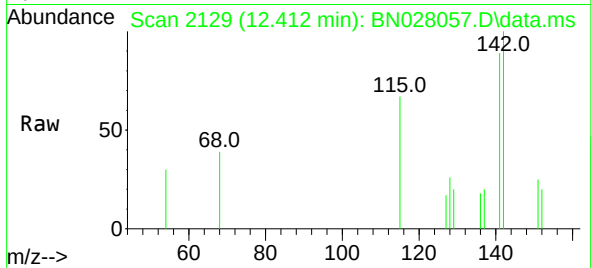
Quant Time: Oct 06 01:37:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
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#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

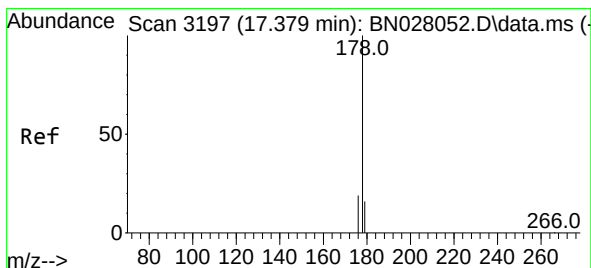
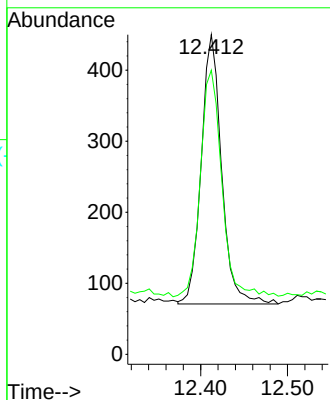
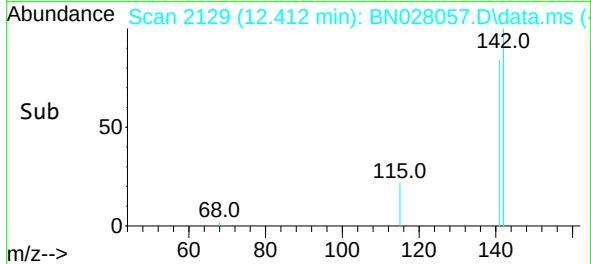
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3

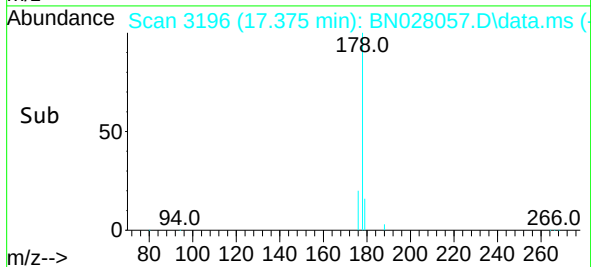
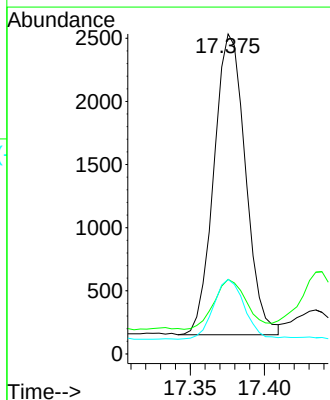
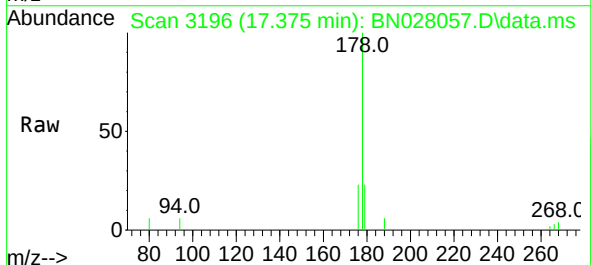
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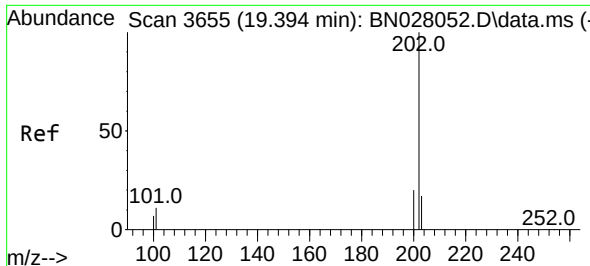
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#15
Phenanthrene
Concen: 0.076 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.012 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

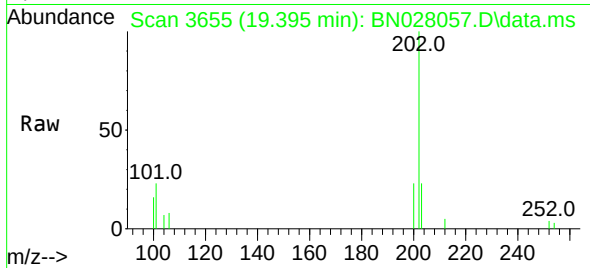
Tgt Ion:178 Resp: 3523
Ion Ratio Lower Upper
178 100
179 23.3 12.6 19.0#
176 23.3 15.5 23.3#





#19
Fluoranthene
Concen: 0.102 ng/ul
RT: 19.395 min Scan# 3655
Delta R.T. -0.009 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

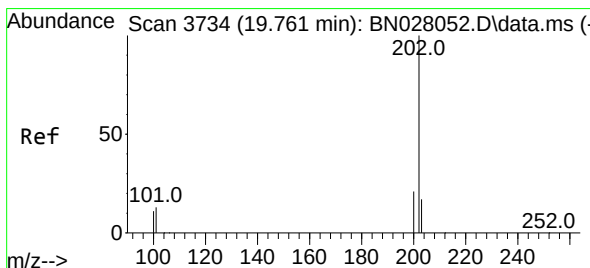
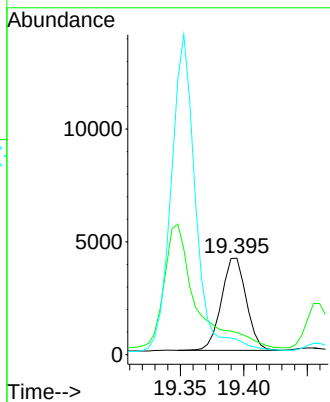
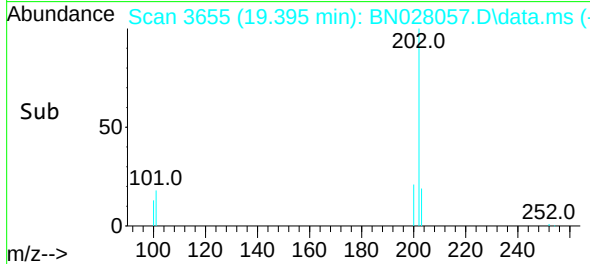
Instrument :
BNA_N
ClientSampleId :
EZYL7



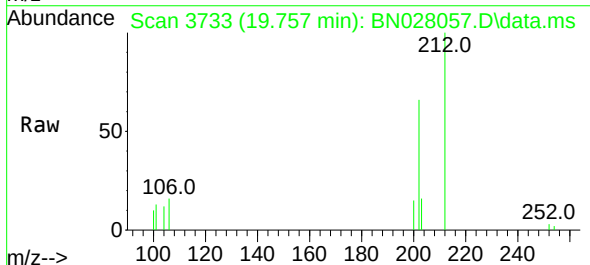
Tgt Ion:202 Resp: 5543
Ion Ratio Lower Upper
202 100
101 22.8 9.6 14.4#
100 15.9 7.4 11.0#

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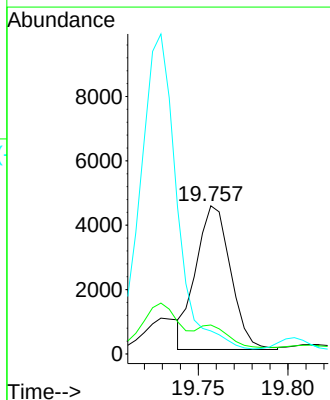
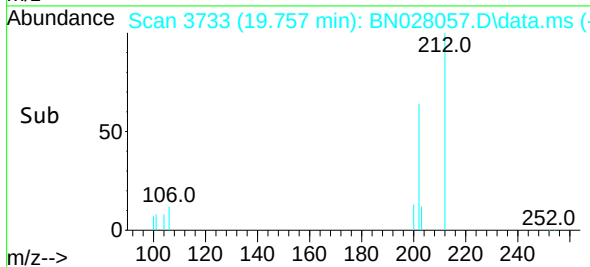
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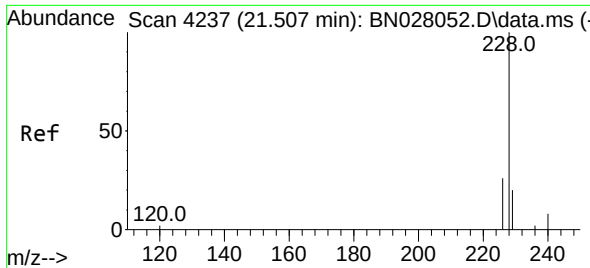


#20
Pyrene
Concen: 0.107 ng/ul m
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18



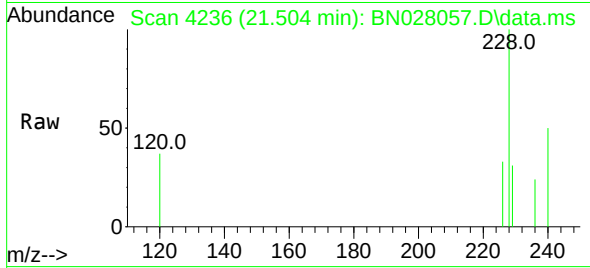
Tgt Ion:202 Resp: 6014
Ion Ratio Lower Upper
202 100
101 19.6 11.2 16.8#
100 15.5 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.504 min Scan# 4236
Delta R.T. -0.014 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

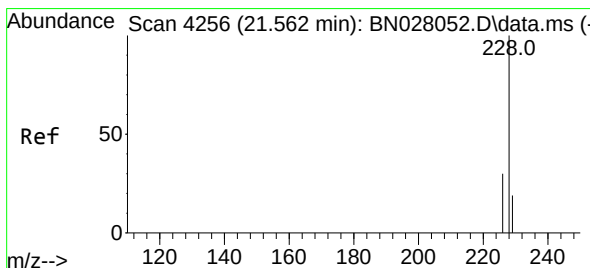
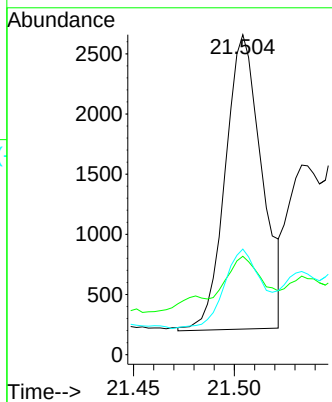
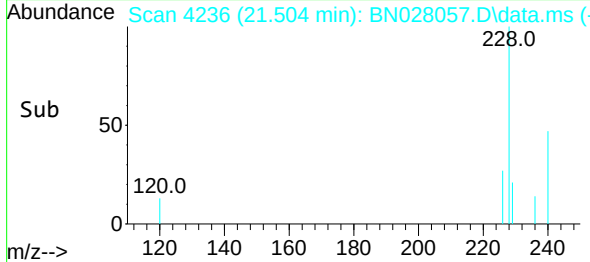
Instrument :
BNA_N
ClientSampleId :
EZYL7



Tgt Ion:228 Resp: 3074
Ion Ratio Lower Upper
228 100
229 30.8 16.0 24.0#
226 33.0 21.5 32.3#

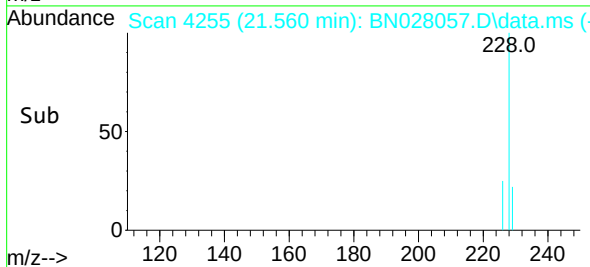
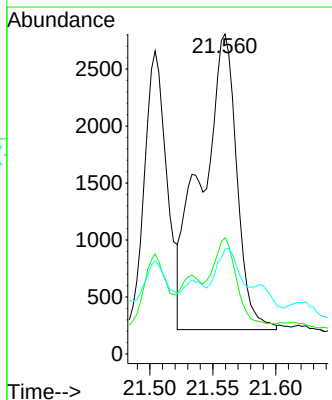
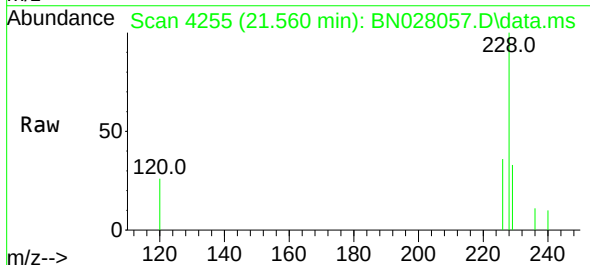
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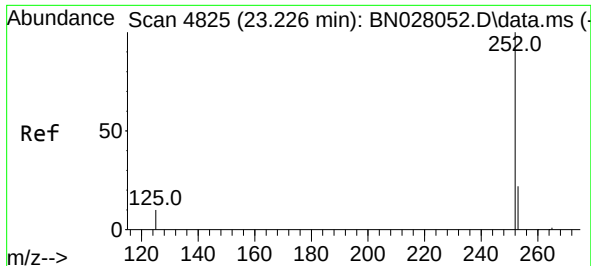
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#22
Chrysene
Concen: 0.097 ng/ul m
RT: 21.560 min Scan# 4255
Delta R.T. -0.014 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

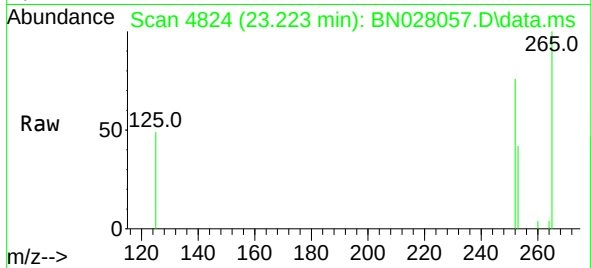
Tgt Ion:228 Resp: 5085
Ion Ratio Lower Upper
228 100
226 36.3 23.8 35.8#
229 32.8 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.223 min Scan# 4825
Delta R.T. -0.017 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

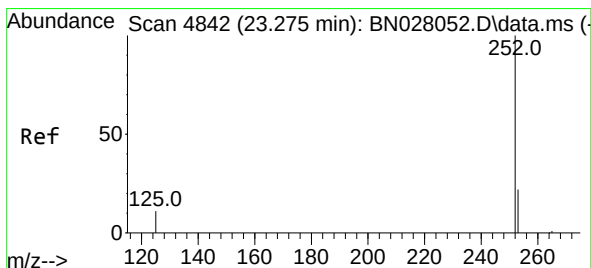
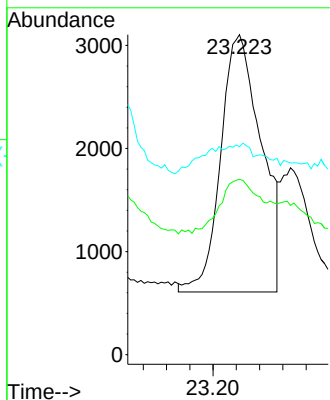
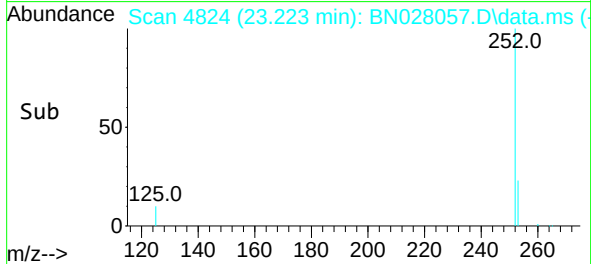
Instrument :
BNA_N
ClientSampleId :
EZY7



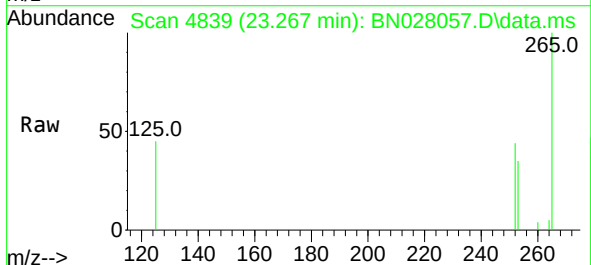
Tgt Ion:252 Resp: 6060
Ion Ratio Lower Upper
252 100
253 54.8 0.0 54.0#
125 65.0 0.0 31.4#

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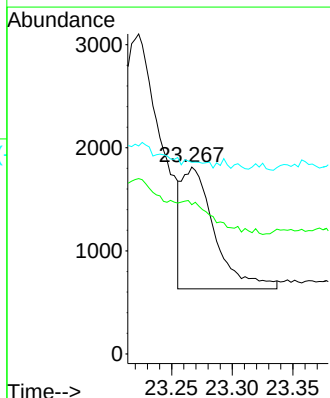
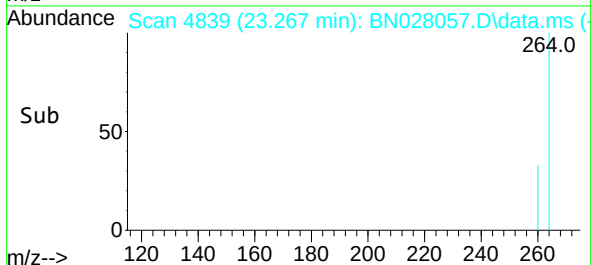
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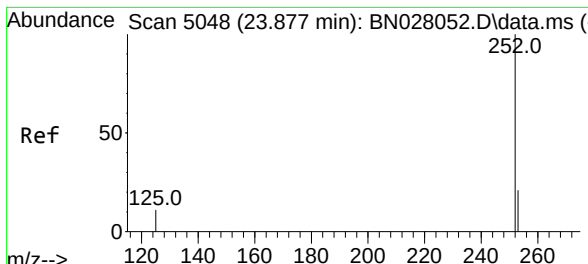


#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 23.267 min Scan# 4839
Delta R.T. -0.023 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18



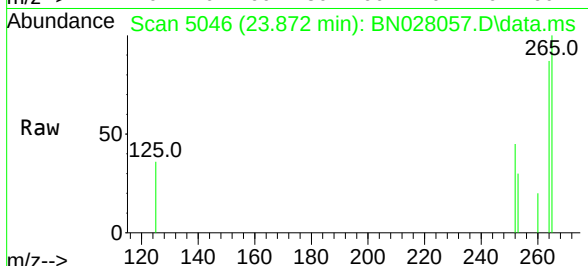
Tgt Ion:252 Resp: 2233
Ion Ratio Lower Upper
252 100
253 79.9 21.8 32.8#
125 102.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.872 min Scan# 5048
Delta R.T. -0.023 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18

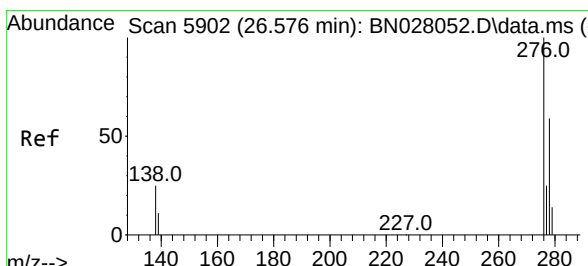
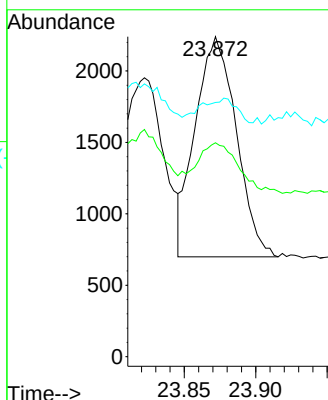
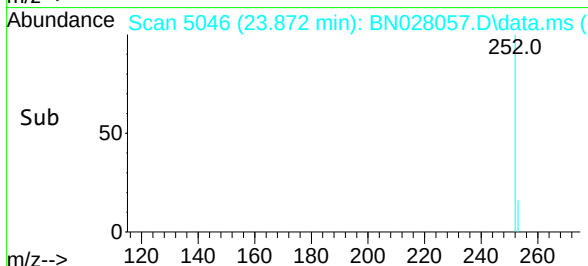
Instrument :
BNA_N
ClientSampleId :
EZYL7



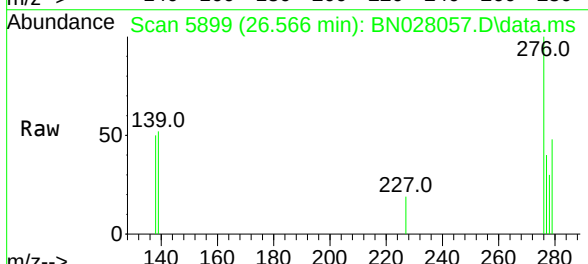
Tgt Ion:252 Resp: 3079
Ion Ratio Lower Upper
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253 66.8 23.4 35.2#
125 79.5 15.3 22.9#

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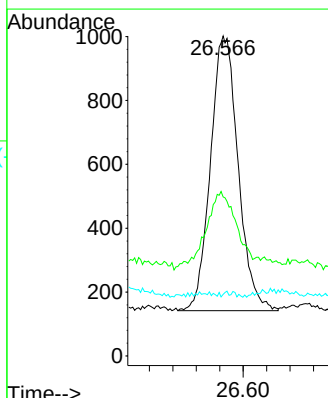
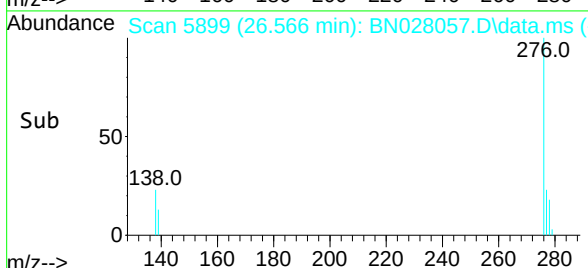
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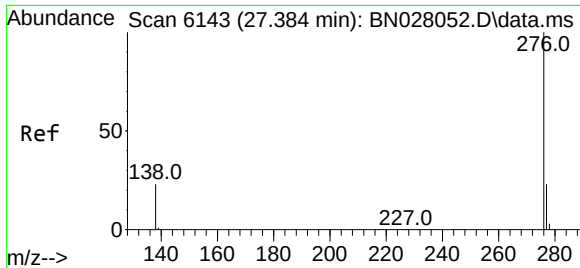


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 26.566 min Scan# 5899
Delta R.T. -0.037 min
Lab File: BN028057.D
Acq: 05 Oct 2023 20:18



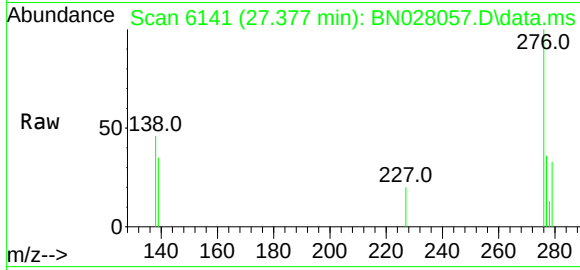
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Ion Ratio Lower Upper
276 100
138 35.5 21.6 32.4#
227 0.1 0.2 0.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.085 ng/ul
 RT: 27.377 min Scan# 6141
 Delta R.T. -0.043 min
 Lab File: BN028057.D
 Acq: 05 Oct 2023 20:18

Instrument :
 BNA_N
 ClientSampleId :
 EZYL7



Tgt Ion: 276 Resp: 4128

Ion	Ratio	Lower	Upper
276	100		
138	46.3	19.8	29.6
277	36.0	20.6	31.0

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