

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027835.D
 Acq On : 22 Sep 2023 21:31
 Operator : MA/JU
 Sample : 04387-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 23 03:49:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5845	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12873	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	29240	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	23280	0.400	ng/ul	# 0.00
23) Perylene-d12	24.070	264	20320	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	27977	3.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	11761	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	29818	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	4557	0.050	ng/ul#	92
19) Fluoranthene	19.445	202	11205	0.119	ng/ul#	95
20) Pyrene	19.812	202	9310m	0.096	ng/ul	
21) Benzo(a)anthracene	21.559	228	4247	0.047	ng/ul#	79
22) Chrysene	21.615	228	5001	0.054	ng/ul#	83
24) Benzo(b)fluoranthene	23.298	252	6461m	0.071	ng/ul	
25) Benzo(k)fluoranthene	23.345	252	2662m	0.030	ng/ul	
26) Benzo(a)pyrene	23.959	252	3788	0.052	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.696	276	2854	0.031	ng/ul#	63
29) Benzo(g,h,i)perylene	27.515	276	2753	0.035	ng/ul#	17

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

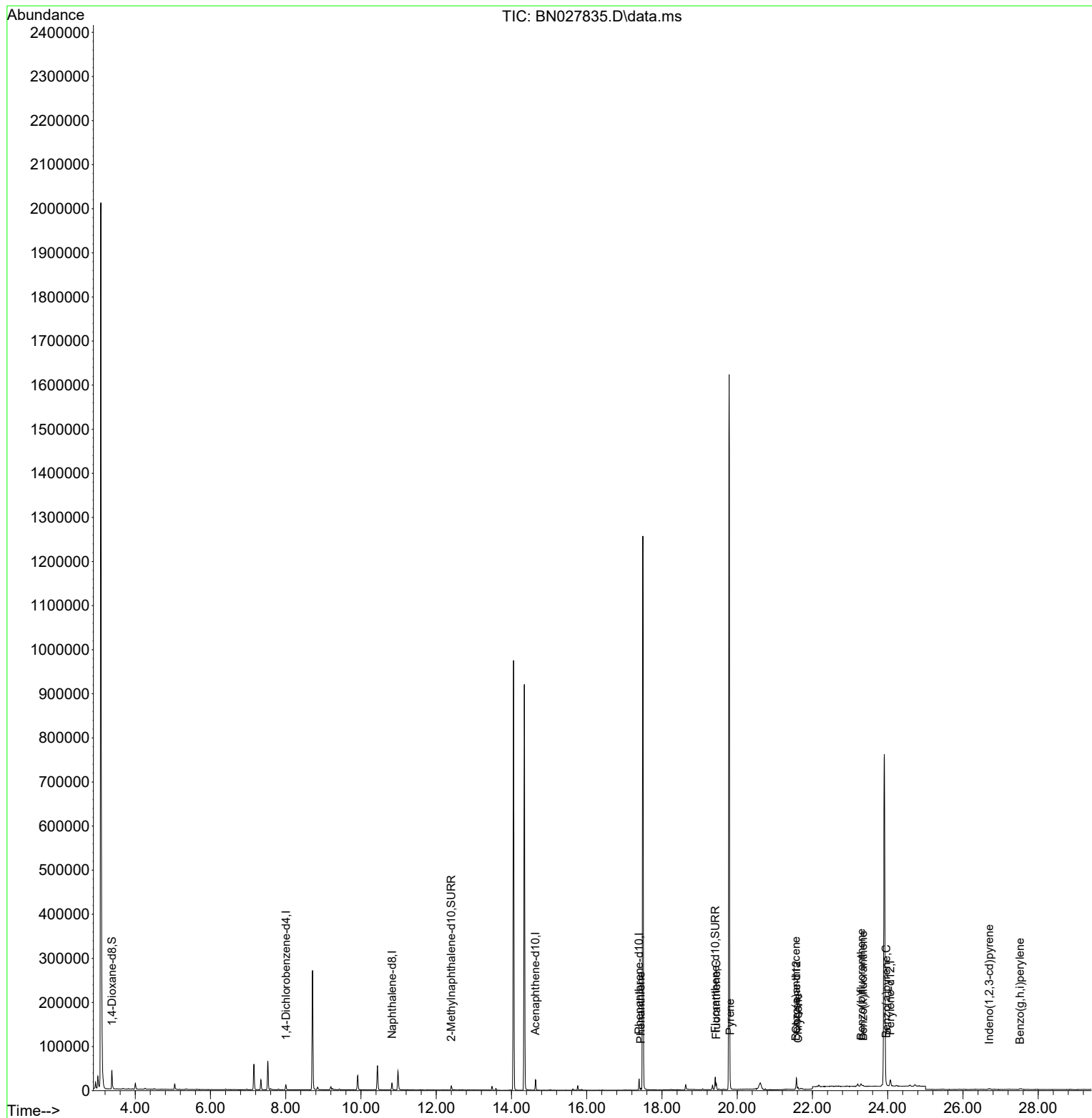
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
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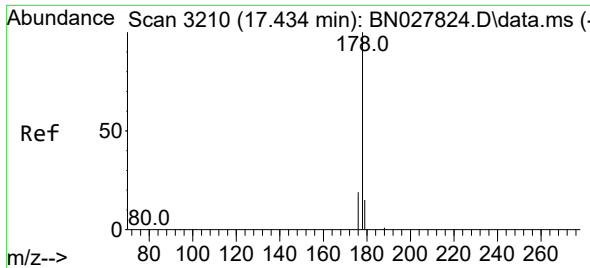
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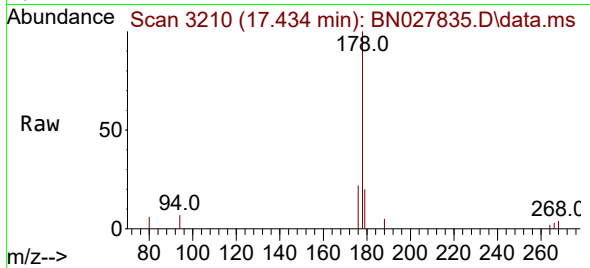
Quant Time: Sep 23 03:49:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

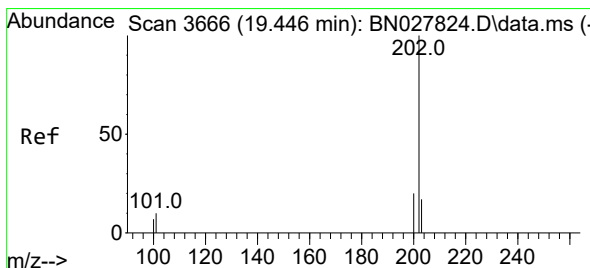
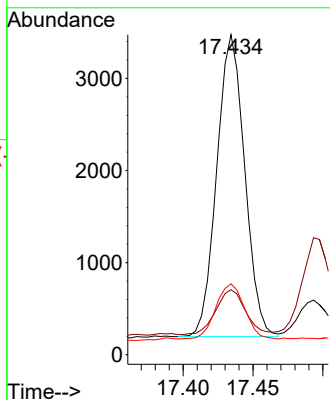
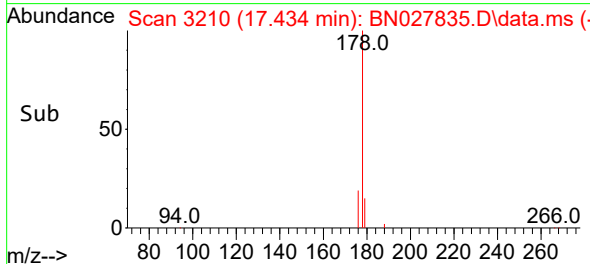
Instrument :
BNA_N
ClientSampleId :
C0AB5



Tgt Ion:178 Resp: 455
Ion Ratio Lower Upper
178 100
179 20.3 12.4 18.6
176 22.2 16.0 24.0

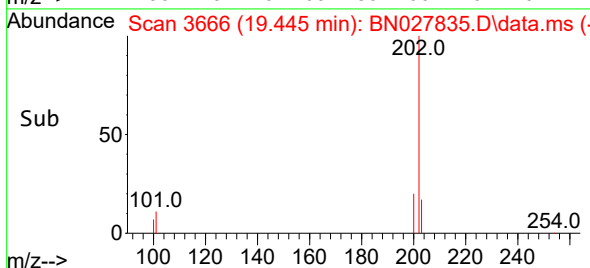
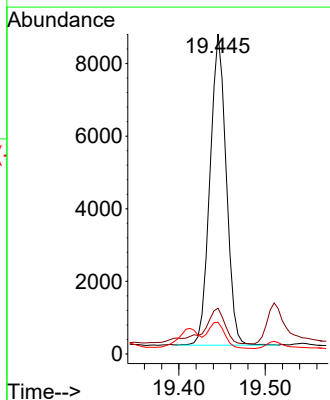
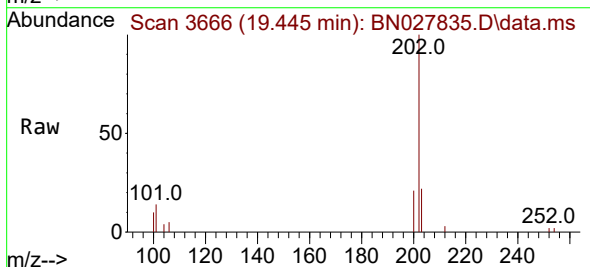
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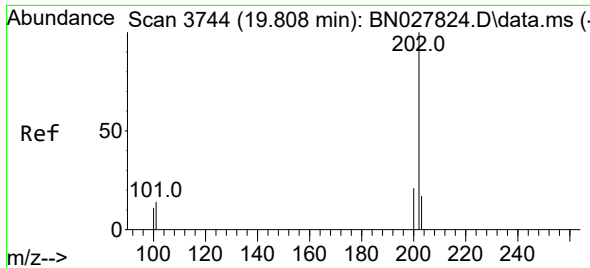
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#19
Fluoranthene
Concen: 0.119 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

Tgt Ion:202 Resp: 11205
Ion Ratio Lower Upper
202 100
101 14.3 9.3 13.9#
100 9.9 7.0 10.4





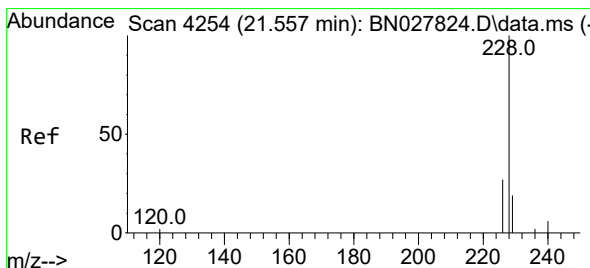
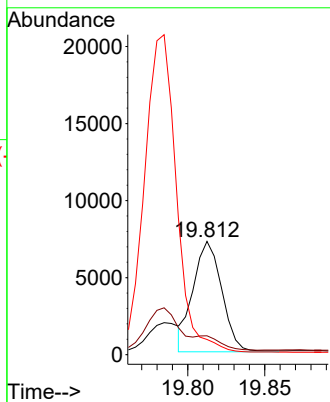
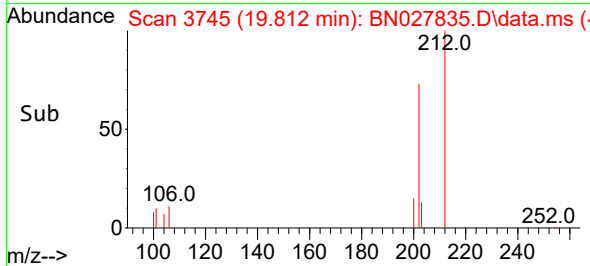
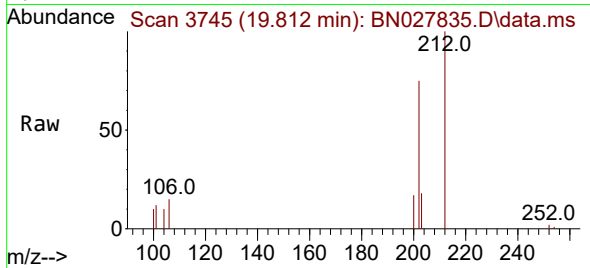
#20
Pyrene
Concen: 0.096 ng/ul m
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

Instrument :
BNA_N
ClientSampleId :
C0AB5

Tgt Ion:202 Resp: 9310
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.0
100 13.4 9.1 13.7

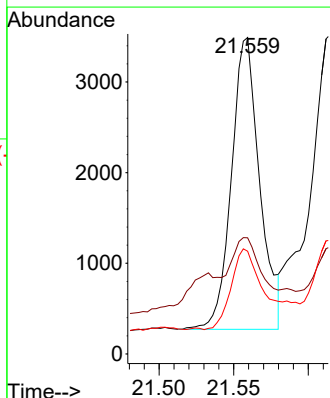
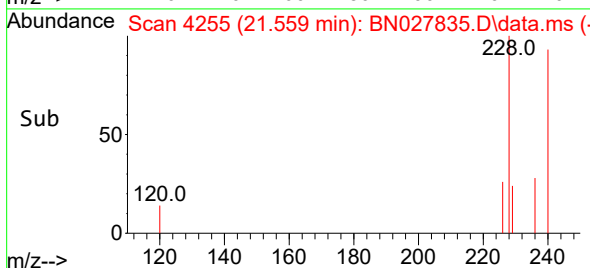
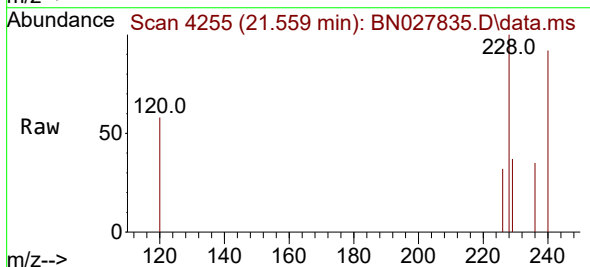
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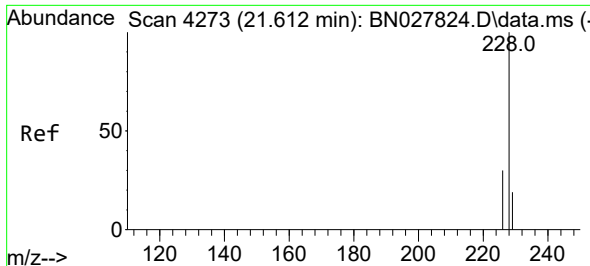
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#21
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.559 min Scan# 4255
Delta R.T. 0.006 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

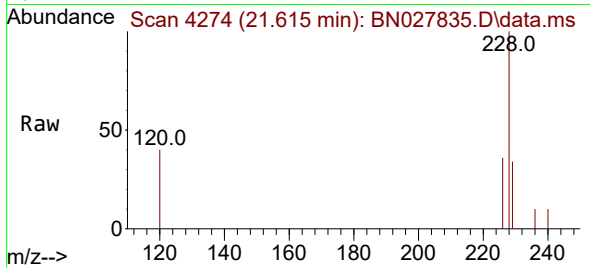
Tgt Ion:228 Resp: 4247
Ion Ratio Lower Upper
228 100
229 36.7 15.8 23.8#
226 32.5 22.0 33.0





#22
Chrysene
Concen: 0.054 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

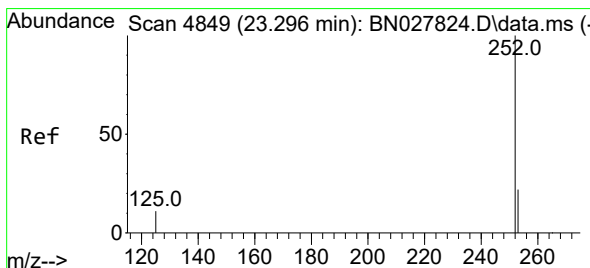
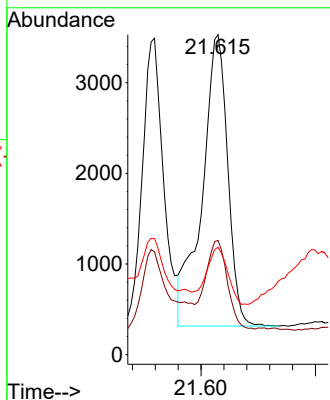
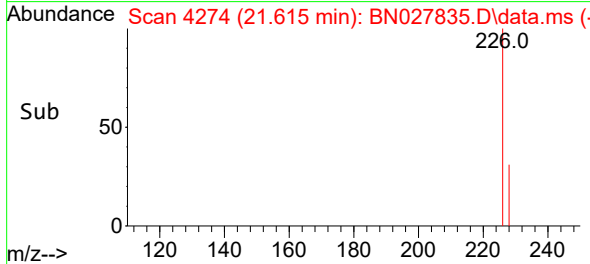
Instrument :
BNA_N
ClientSampleId :
C0AB5



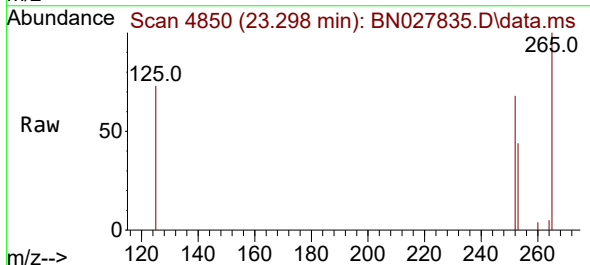
Tgt Ion:228 Resp: 500
Ion Ratio Lower Upper
228 100
226 35.7 24.5 36.7
229 33.6 16.0 24.0

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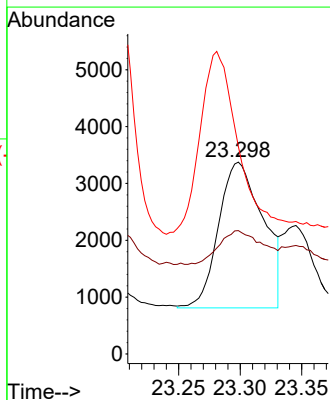
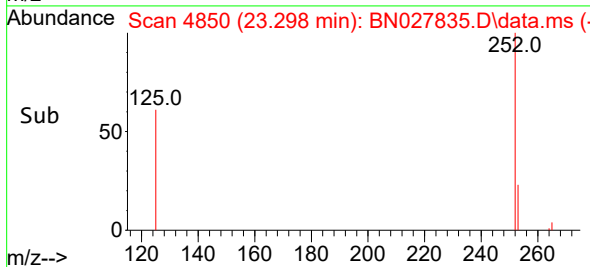
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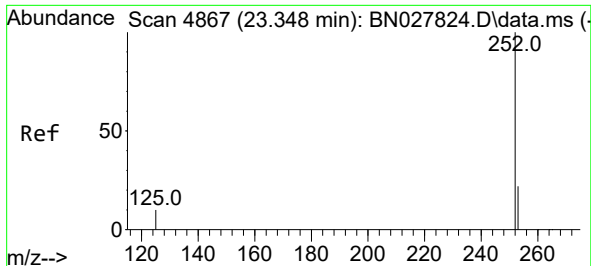


#24
Benzo(b)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.298 min Scan# 4850
Delta R.T. 0.009 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31



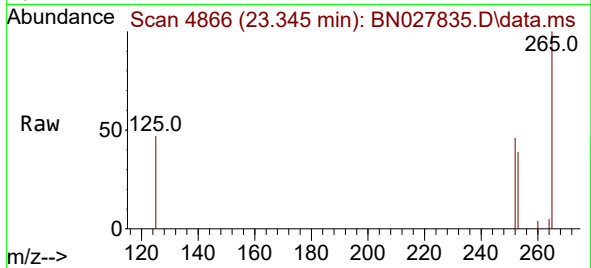
Tgt Ion:252 Resp: 6461
Ion Ratio Lower Upper
252 100
253 64.3 0.0 50.2#
125 108.1 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 23.345 min Scan# 4867
Delta R.T. 0.003 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

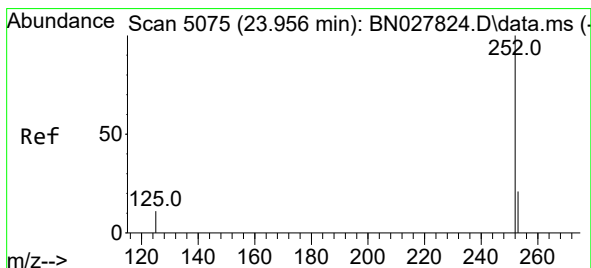
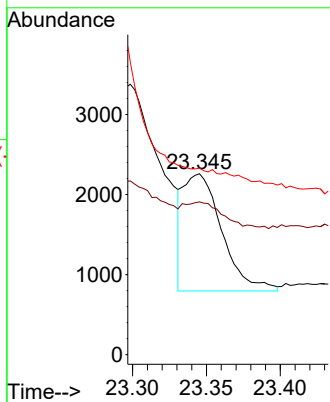
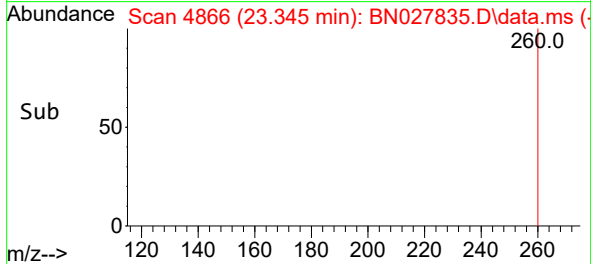
Instrument :
BNA_N
ClientSampleId :
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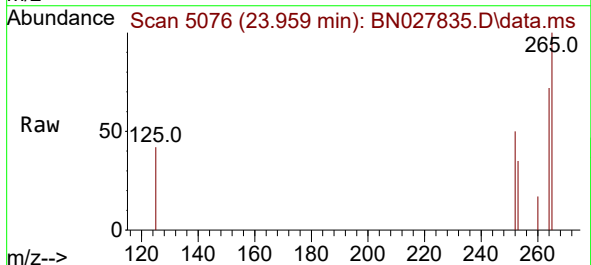
Tgt Ion:252 Resp: 2662
Ion Ratio Lower Upper
252 100
253 84.5 19.9 29.9#
125 103.1 12.6 19.0#

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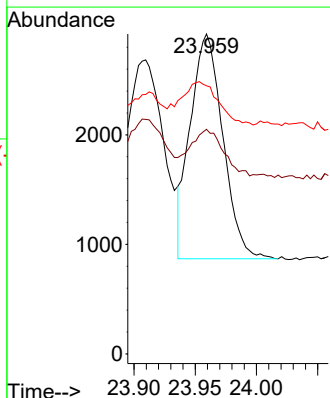
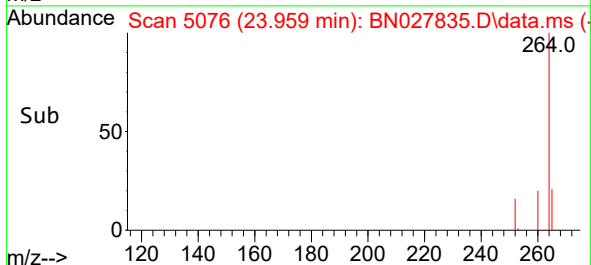
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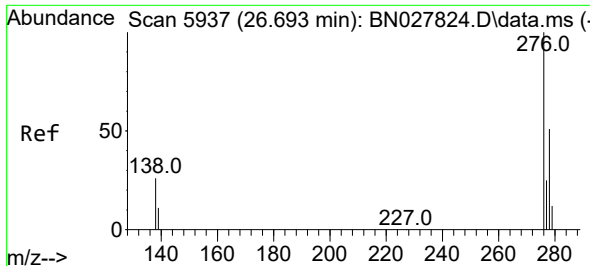


#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.959 min Scan# 5076
Delta R.T. 0.009 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31



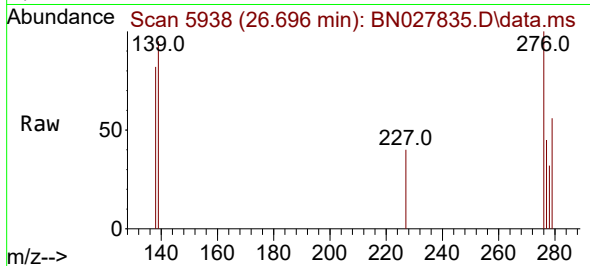
Tgt Ion:252 Resp: 3788
Ion Ratio Lower Upper
252 100
253 70.2 21.9 32.9#
125 83.8 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. 0.013 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31

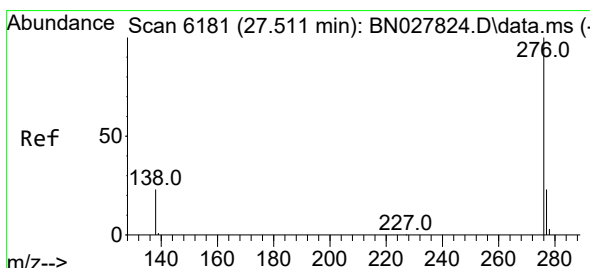
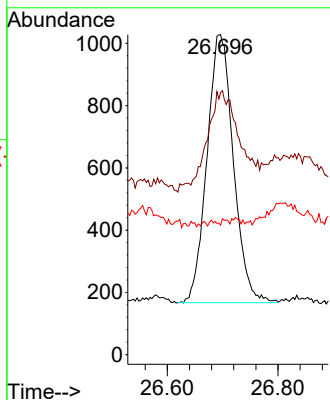
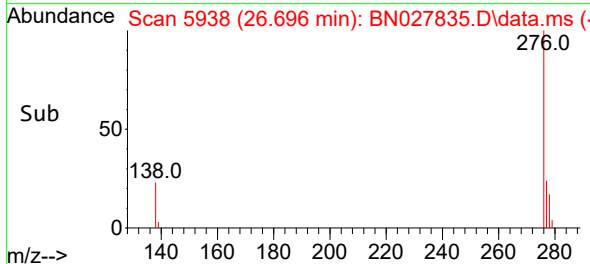
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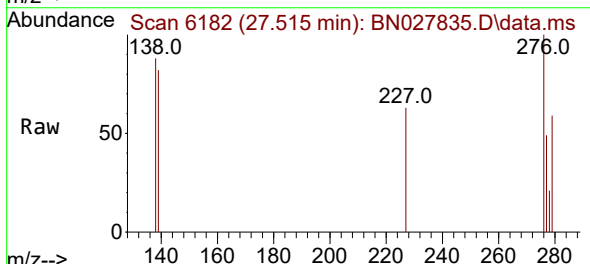
Tgt Ion:276 Resp: 2854
Ion Ratio Lower Upper
276 100
138 50.6 24.3 36.5#
227 0.5 0.0 0.0#

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Supervised By :mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027835.D
Acq: 22 Sep 2023 21:31



Tgt Ion:276 Resp: 2753
Ion Ratio Lower Upper
276 100
138 87.7 21.7 32.5#
277 48.8 20.2 30.2#

