

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027008.D
 Acq On : 22 Aug 2023 01:13
 Operator : MA/JU
 Sample : 03967-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:42:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	6464	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	22017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	12741	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	28364	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	22609	0.400	ng/ul	0.00
23) Perylene-d12	24.182	264	24148	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	39990	5.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8741	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	23847	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.515	178	3413	0.037	ng/ul#	92
19) Fluoranthene	19.520	202	9165	0.098	ng/ul	97
20) Pyrene	19.882	202	8406	0.084	ng/ul#	94
21) Benzo(a)anthracene	21.624	228	4277	0.048	ng/ul#	91
22) Chrysene	21.679	228	4043	0.046	ng/ul#	93
24) Benzo(b)fluoranthene	23.395	252	5693m	0.062	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	2340m	0.026	ng/ul	
26) Benzo(a)pyrene	24.071	252	3649	0.044	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.874	276	2533	0.023	ng/ul#	92
29) Benzo(g,h,i)perylene	27.706	276	2540	0.028	ng/ul#	58

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

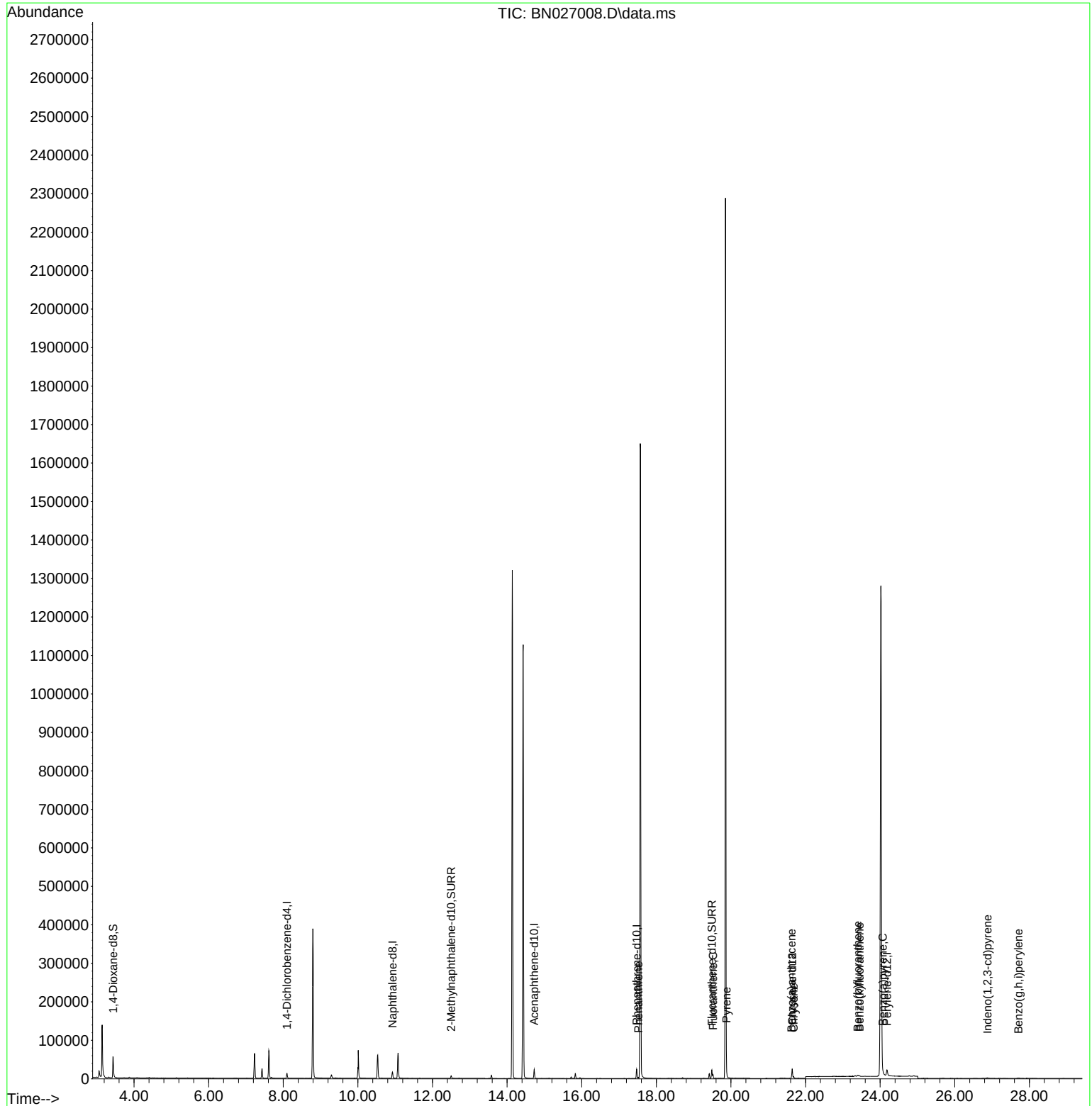
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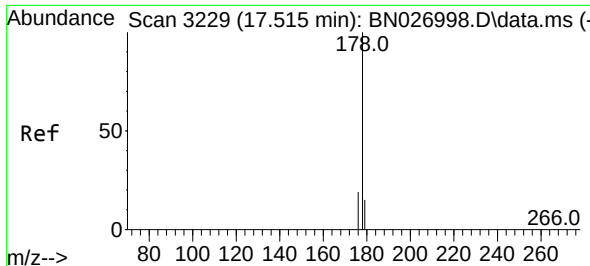
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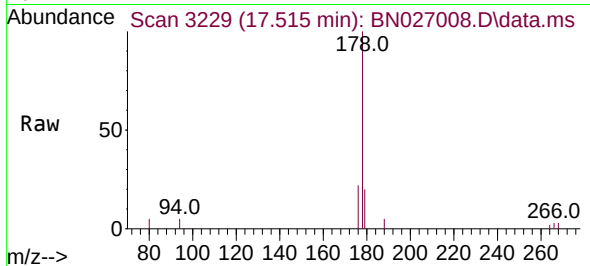
Quant Time: Aug 22 01:42:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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#15
Phenanthrene
Concen: 0.037 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13

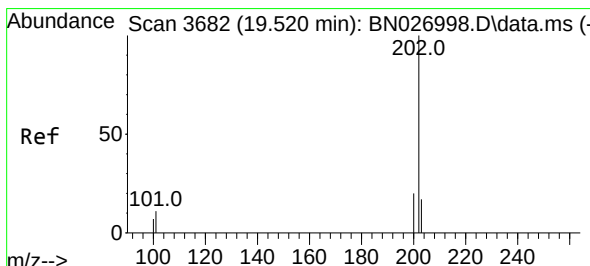
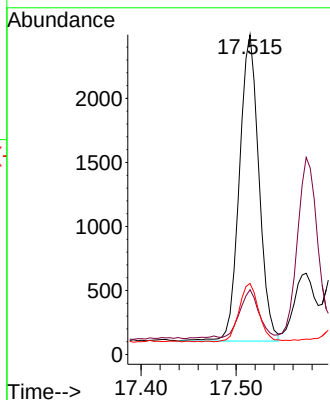
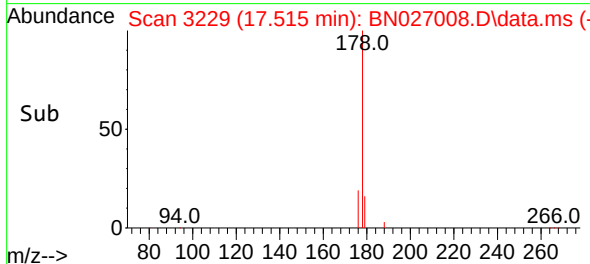
Instrument :
BNA_N
ClientSampleId :
A48M8



Tgt Ion:178 Resp: 3413
Ion Ratio Lower Upper
178 100
179 20.3 12.6 18.8
176 22.2 15.4 23.2

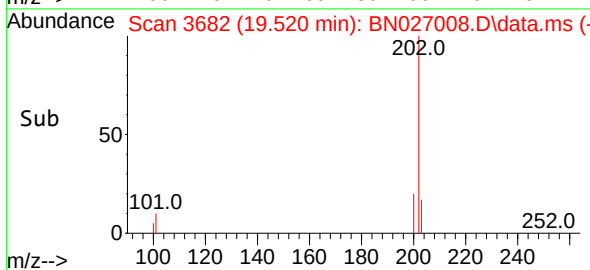
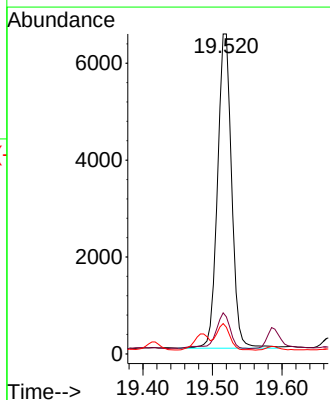
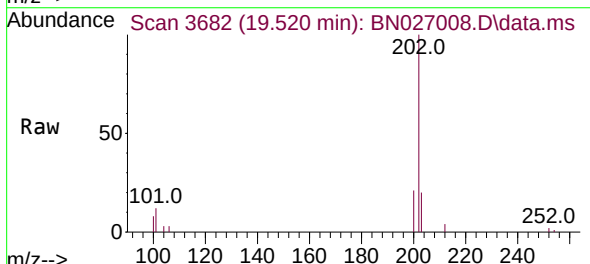
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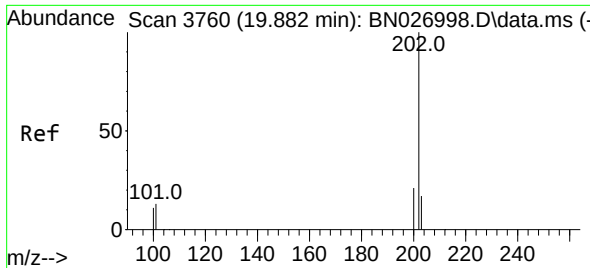
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#19
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13

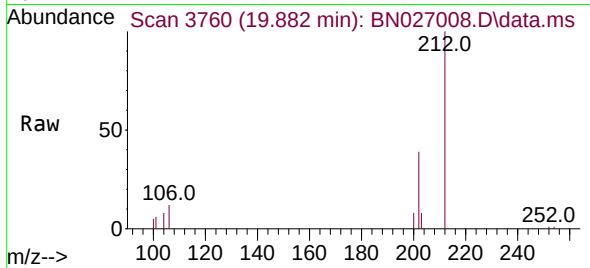
Tgt Ion:202 Resp: 9165
Ion Ratio Lower Upper
202 100
101 11.6 8.3 12.5
100 8.3 6.2 9.2





#20
Pyrene
Concen: 0.084 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13

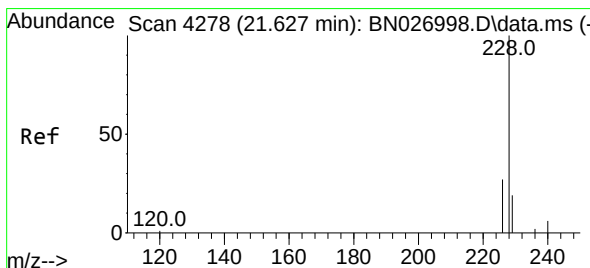
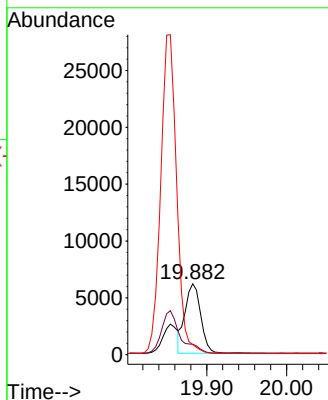
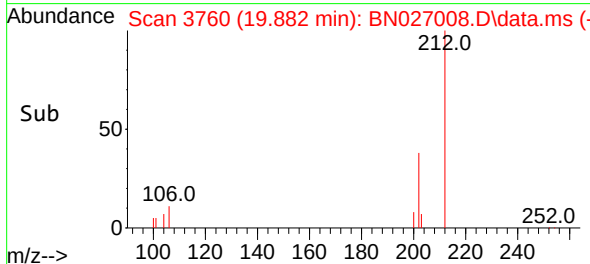
Instrument :
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ClientSampleId :
A48M8



Tgt Ion:202 Resp: 8400
Ion Ratio Lower Upper
202 100
101 14.5 10.7 16.1
100 14.1 8.5 12.7

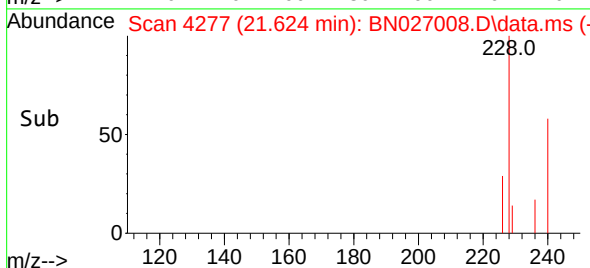
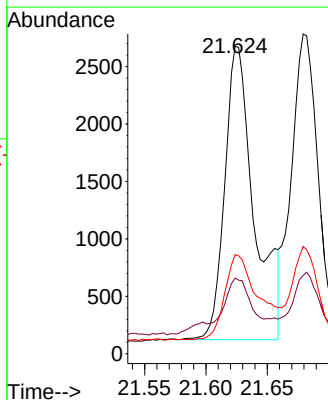
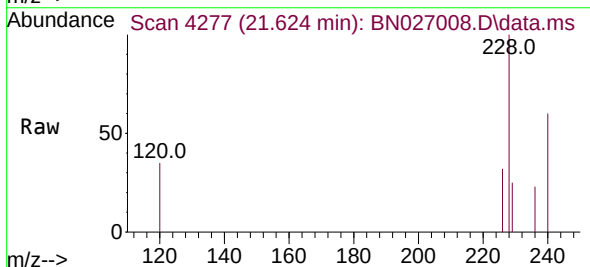
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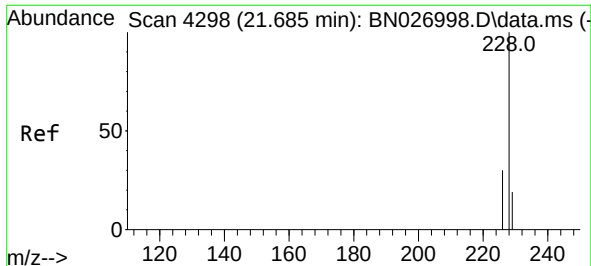
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#21
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.624 min Scan# 4277
Delta R.T. -0.009 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13

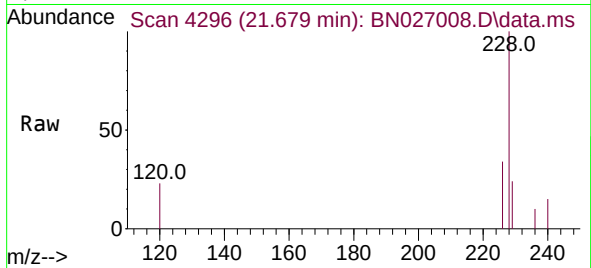
Tgt Ion:228 Resp: 4277
Ion Ratio Lower Upper
228 100
229 24.6 16.0 24.0#
226 32.2 22.2 33.2





#22
Chrysene
Concen: 0.046 ng/ul
RT: 21.679 min Scan# 4298
Delta R.T. -0.012 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13

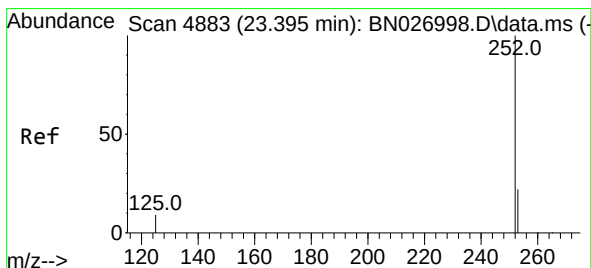
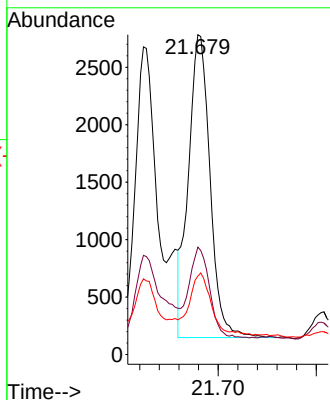
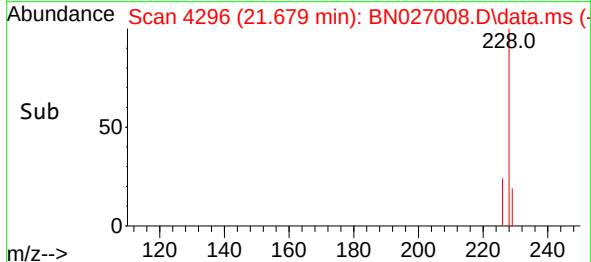
Instrument :
BNA_N
ClientSampleId :
A48M8



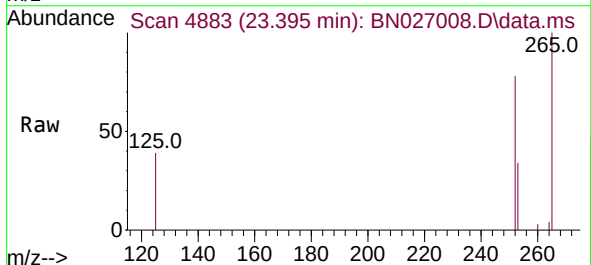
Tgt Ion:228 Resp: 4043
Ion Ratio Lower Upper
228 100
226 33.5 24.6 36.8
229 24.5 15.8 23.6

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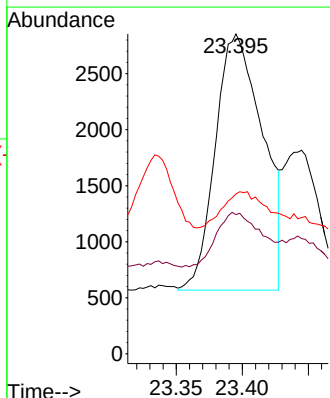
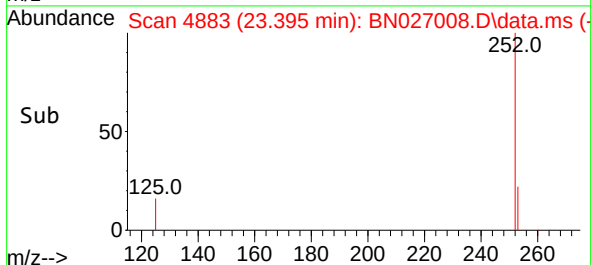
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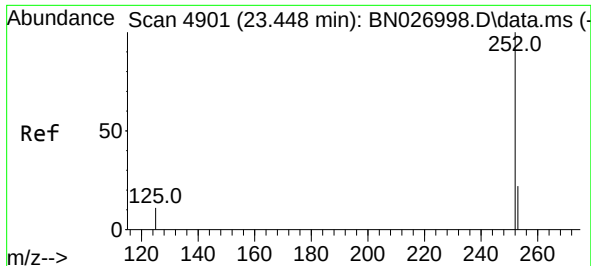


#24
Benzo(b)fluoranthene
Concen: 0.062 ng/ul m
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13



Tgt Ion:252 Resp: 5693
Ion Ratio Lower Upper
252 100
253 43.5 0.0 46.8
125 50.0 0.0 25.2





#25

Benzo(k)fluoranthene

Concen: 0.026 ng/ul m

RT: 23.445 min Scan# 4901

Delta R.T. -0.015 min

Lab File: BN027008.D

Acq: 22 Aug 2023 01:13

Instrument :

BNA_N

ClientSampleId :

A48M8

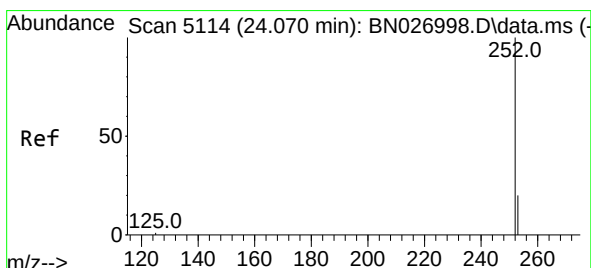
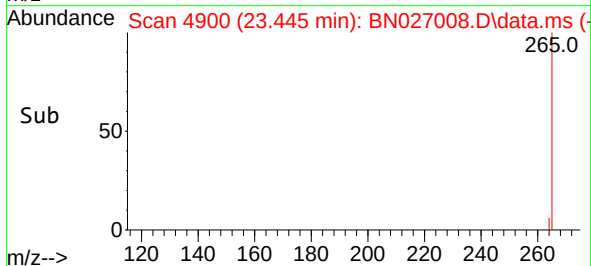
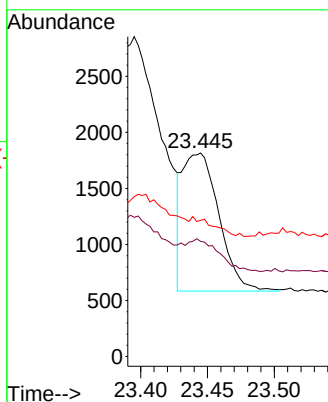
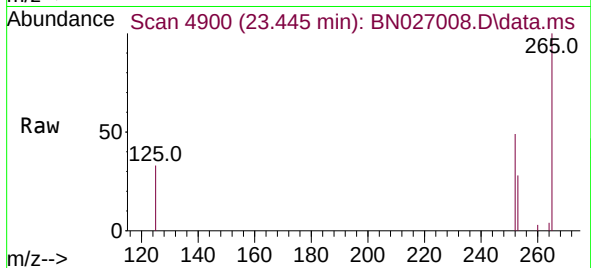
Tgt Ion:	252	Resp:	2340
Ion Ratio	Lower	Upper	
252	100		
253	56.6	18.2	27.4#
125	66.9	9.9	14.9#

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#26

Benzo(a)pyrene

Concen: 0.044 ng/ul

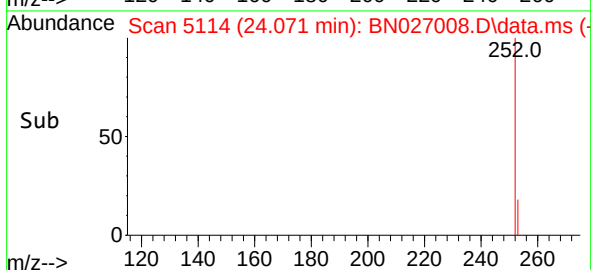
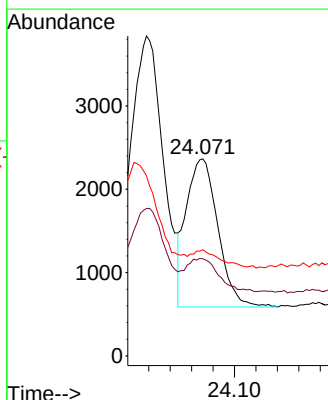
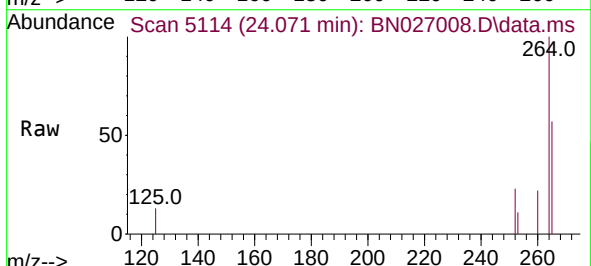
RT: 24.071 min Scan# 5114

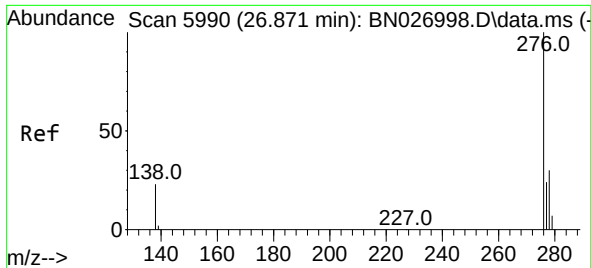
Delta R.T. -0.015 min

Lab File: BN027008.D

Acq: 22 Aug 2023 01:13

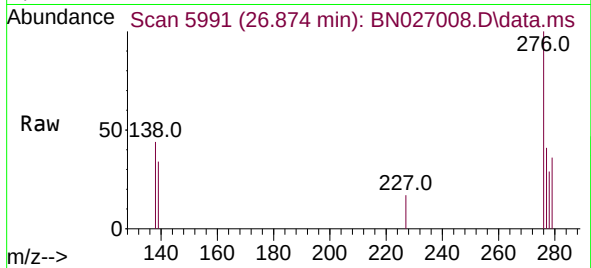
Tgt Ion:	252	Resp:	3649
Ion Ratio	Lower	Upper	
252	100		
253	49.3	19.0	28.6#
125	53.8	11.4	17.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.874 min Scan# 5990
Delta R.T. -0.011 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13

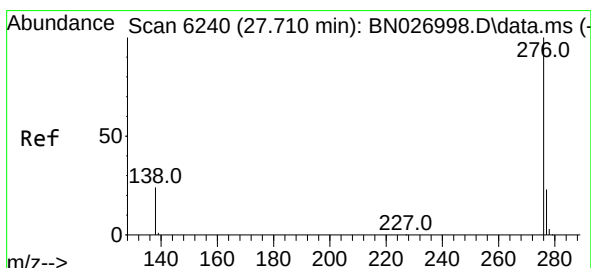
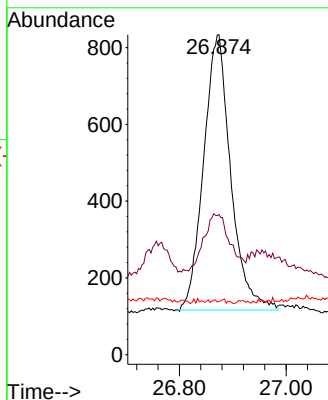
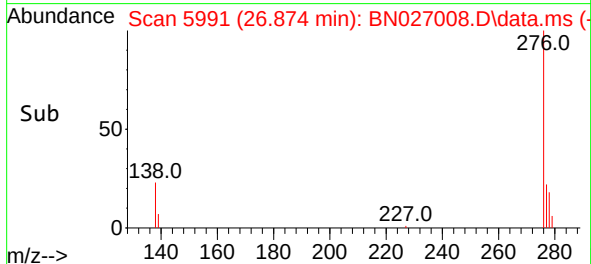
Instrument :
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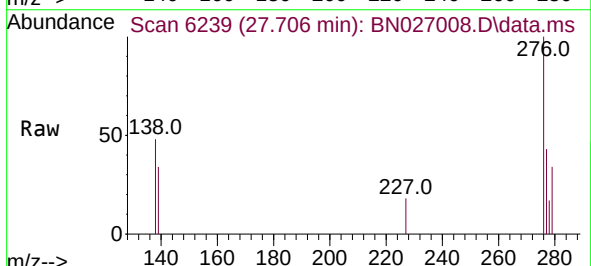
Tgt Ion:276 Resp: 2533
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.1 0.0 0.0

Manual Integrations
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Supervised By :mohammad ahmed 08/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 27.706 min Scan# 6239
Delta R.T. -0.017 min
Lab File: BN027008.D
Acq: 22 Aug 2023 01:13



Tgt Ion:276 Resp: 2540
Ion Ratio Lower Upper
276 100
138 47.7 19.3 28.9#
277 42.8 19.8 29.8#

