

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027078.D
 Acq On : 24 Aug 2023 01:13
 Operator : MA/JU
 Sample : 03968-25DL 5X
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 01:45:31 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 : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	9043	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	28353	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.716	164	18315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	41077	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	33151	0.400	ng/ul	0.00
23) Perylene-d12	24.175	264	28693	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	8544	0.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	2704	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	6963	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.506	178	30466	0.226	ng/ul	100
16) Anthracene	17.599	178	6002	0.049	ng/ul	95
19) Fluoranthene	19.510	202	70747	0.514	ng/ul	99
20) Pyrene	19.877	202	64149m	0.437	ng/ul	
21) Benzo(a)anthracene	21.615	228	29132	0.221	ng/ul	99
22) Chrysene	21.673	228	34069	0.262	ng/ul	98
24) Benzo(b)fluoranthene	23.380	252	42932m	0.396	ng/ul	
25) Benzo(k)fluoranthene	23.433	252	15353m	0.143	ng/ul	
26) Benzo(a)pyrene	24.053	252	25148	0.257	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.847	276	15471	0.121	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.864	278	3474	0.034	ng/ul#	49
29) Benzo(g,h,i)perylene	27.689	276	14542	0.136	ng/ul	95

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

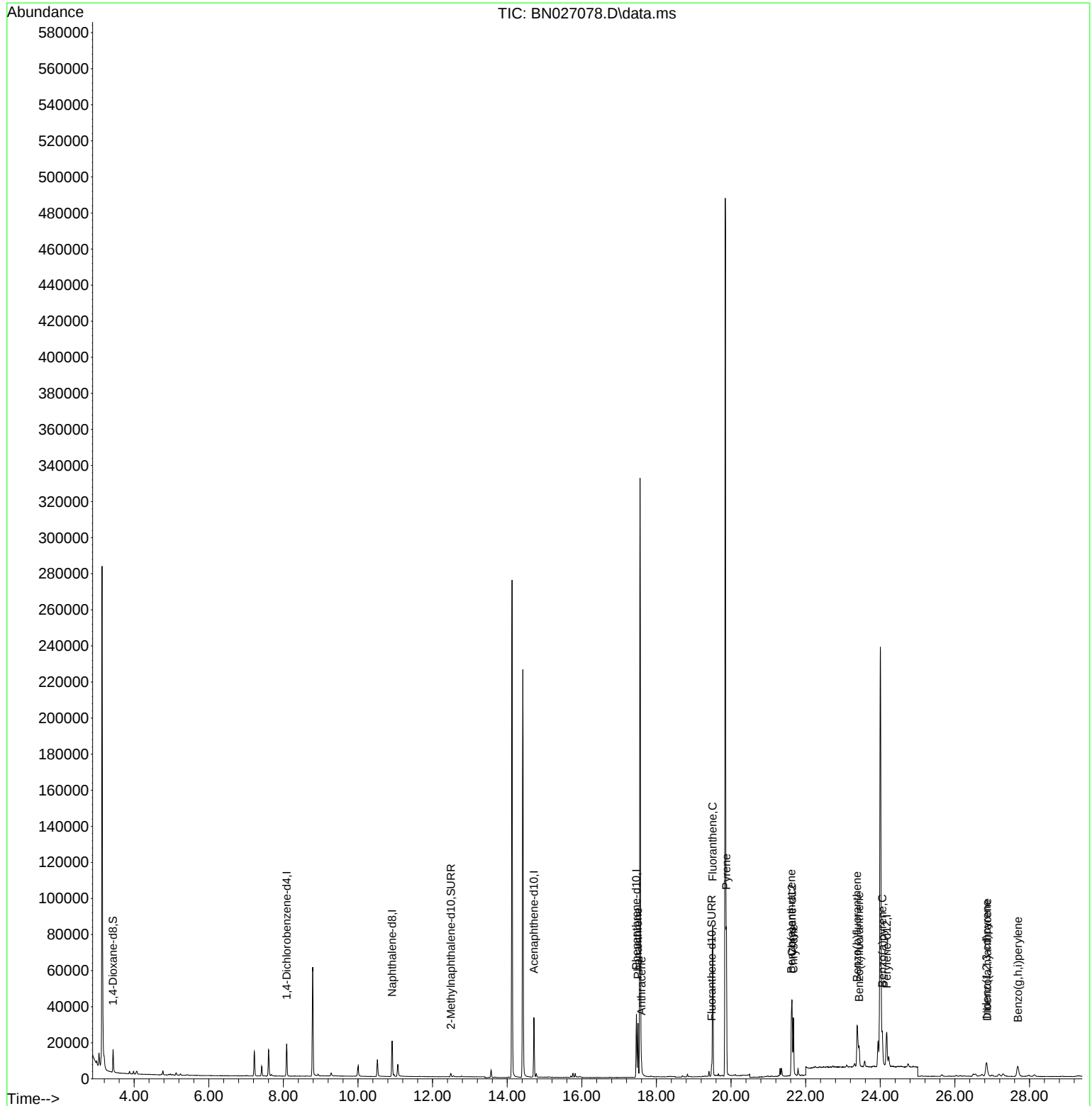
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027078.D
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ALS Vial : 99 Sample Multiplier: 1

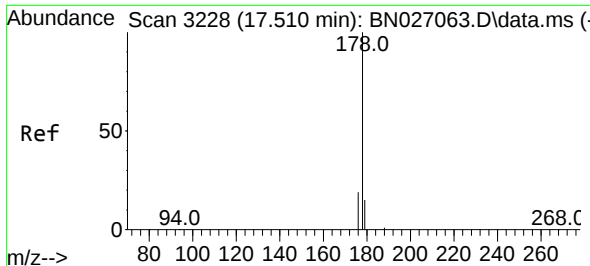
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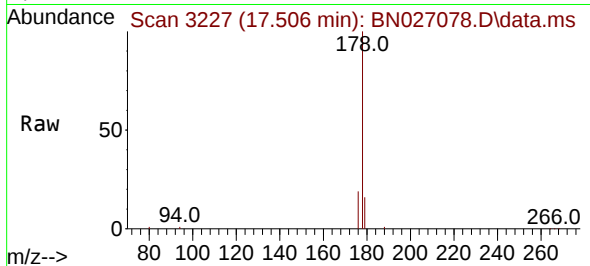
Quant Time: Aug 24 01:45:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.226 ng/u1
RT: 17.506 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

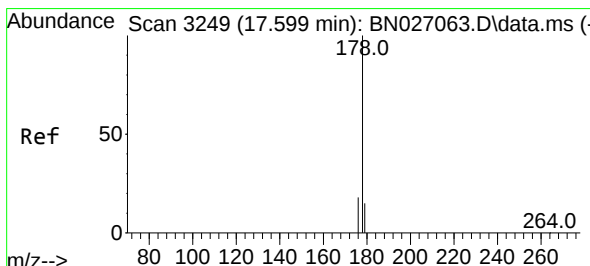
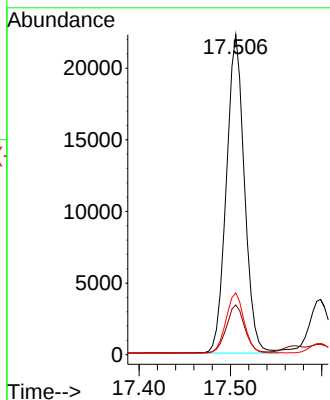
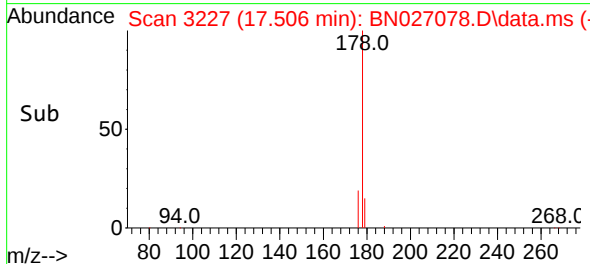
Instrument :
BNA_N
ClientSampleId :
A48P2DL



Tgt Ion:178 Resp: 3046
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.4 23.2

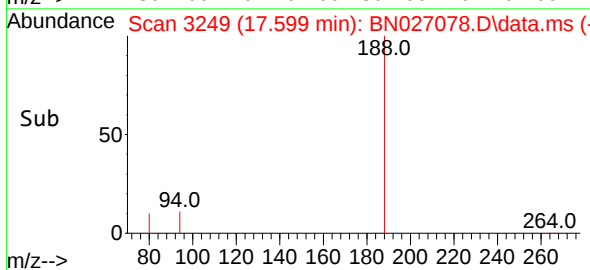
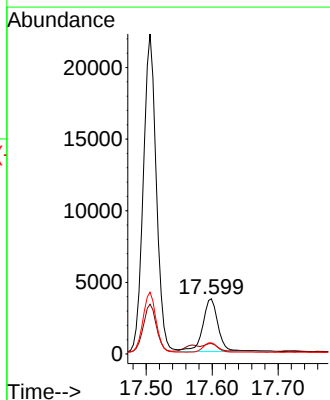
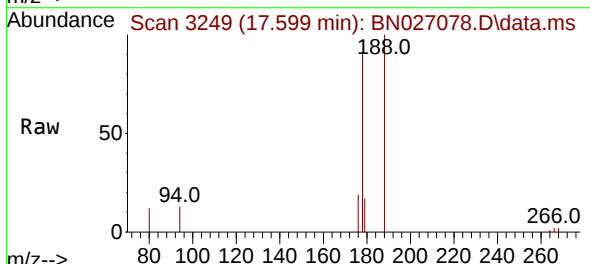
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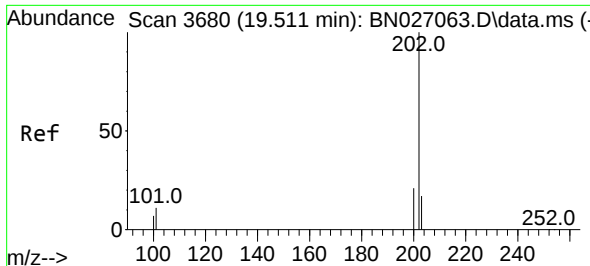
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#16
Anthracene
Concen: 0.049 ng/u1
RT: 17.599 min Scan# 3249
Delta R.T. -0.005 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

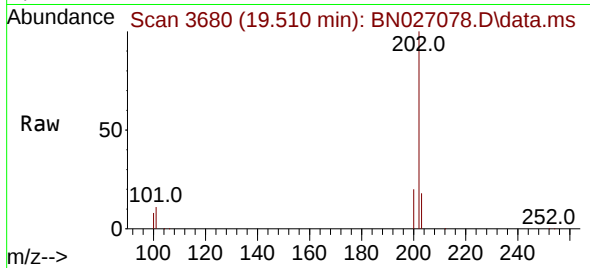
Tgt Ion:178 Resp: 6002
Ion Ratio Lower Upper
178 100
179 19.0 12.6 19.0
176 20.4 15.0 22.6





#19
Fluoranthene
Concen: 0.514 ng/ul
RT: 19.510 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

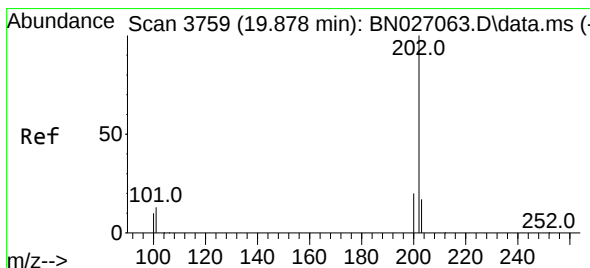
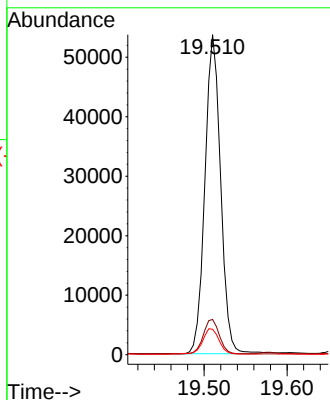
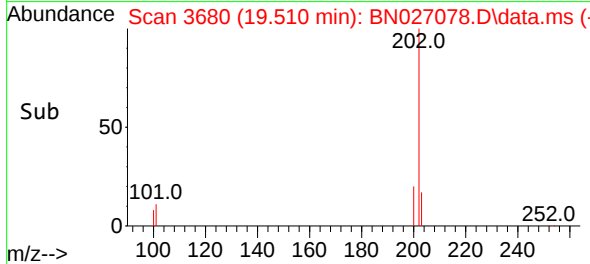
Instrument :
BNA_N
ClientSampleId :
A48P2DL



Tgt Ion:202 Resp: 7074
Ion Ratio Lower Upper
202 100
101 11.0 8.3 12.5
100 8.0 6.2 9.2

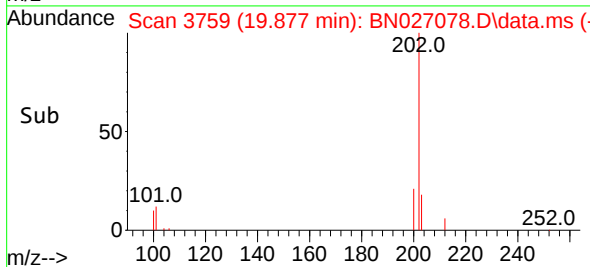
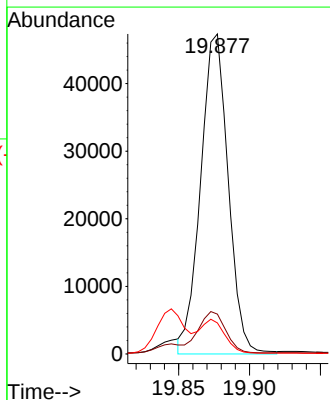
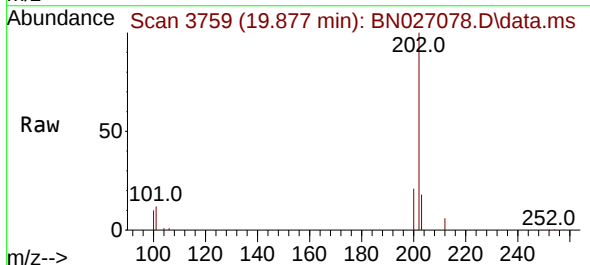
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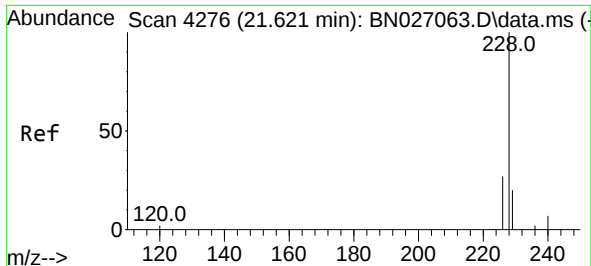
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#20
Pyrene
Concen: 0.437 ng/ul m
RT: 19.877 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

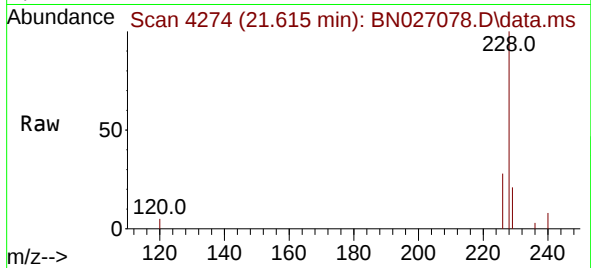
Tgt Ion:202 Resp: 64149
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.7 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.221 ng/ul
RT: 21.615 min Scan# 4276
Delta R.T. -0.006 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

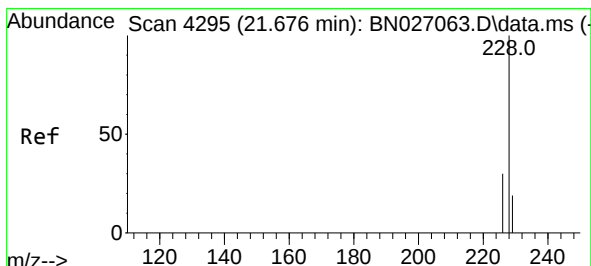
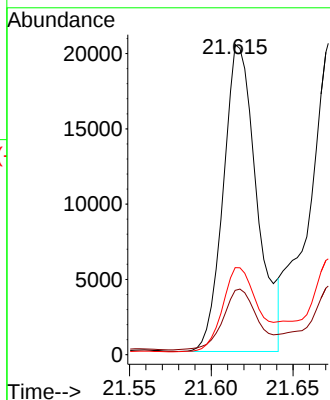
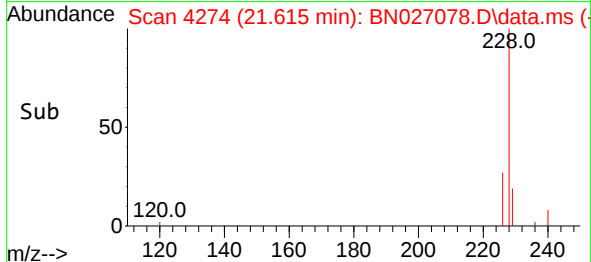
Instrument :
BNA_N
ClientSampleId :
A48P2DL



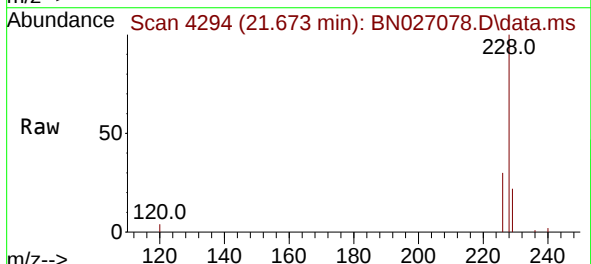
Tgt Ion:228 Resp: 2913
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.1 22.2 33.2

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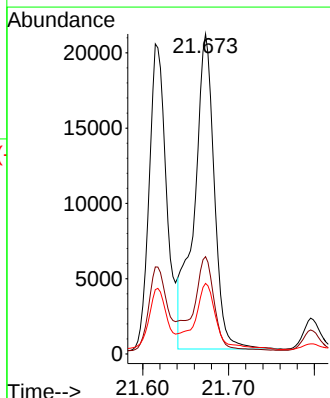
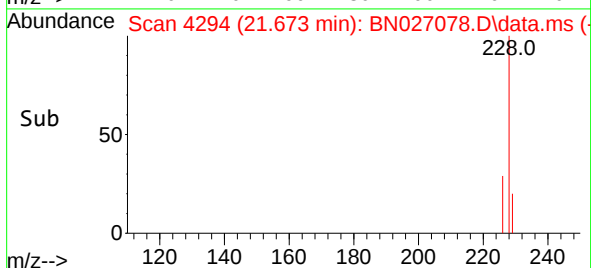
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

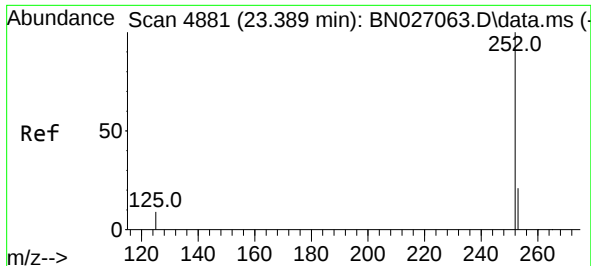


#22
Chrysene
Concen: 0.262 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13



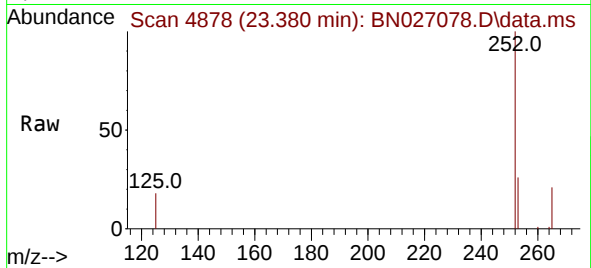
Tgt Ion:228 Resp: 34069
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 23.380 min Scan# 4878
Delta R.T. -0.006 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

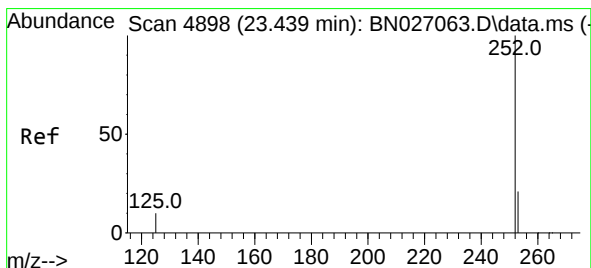
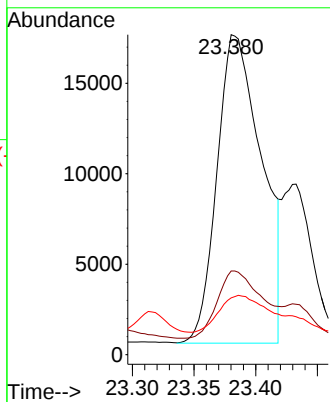
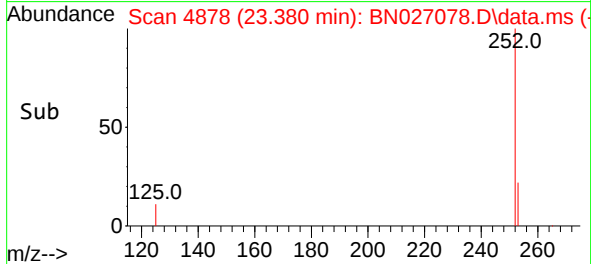
Instrument :
BNA_N
ClientSampleId :
A48P2DL



Tgt Ion:252 Resp: 42932
Ion Ratio Lower Upper
252 100
253 26.1 0.0 46.8
125 17.8 0.0 25.2

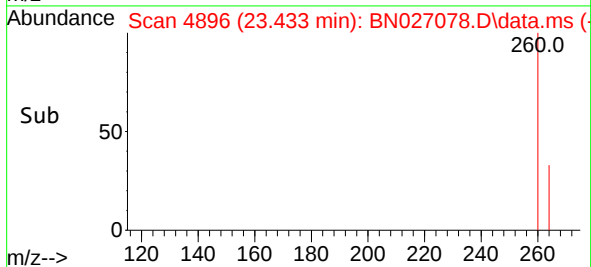
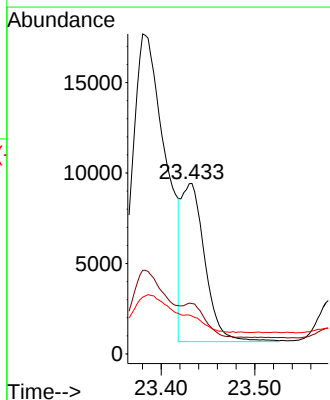
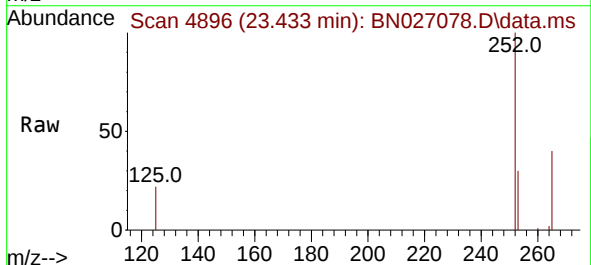
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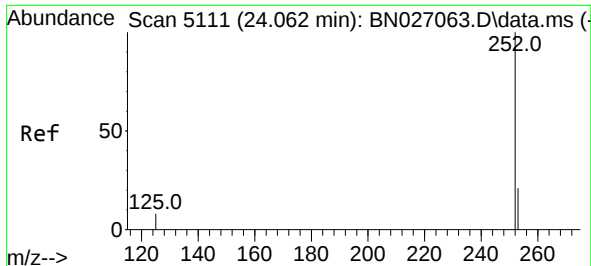
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 23.433 min Scan# 4896
Delta R.T. -0.006 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

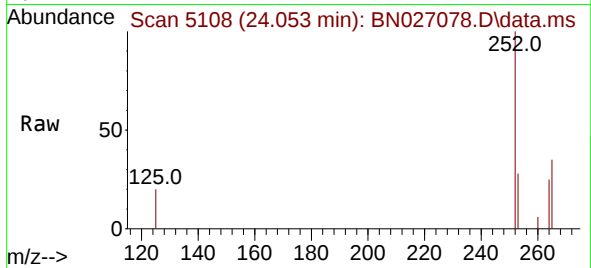
Tgt Ion:252 Resp: 15353
Ion Ratio Lower Upper
252 100
253 29.6 18.2 27.4#
125 22.2 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 24.053 min Scan# 5111
Delta R.T. -0.009 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

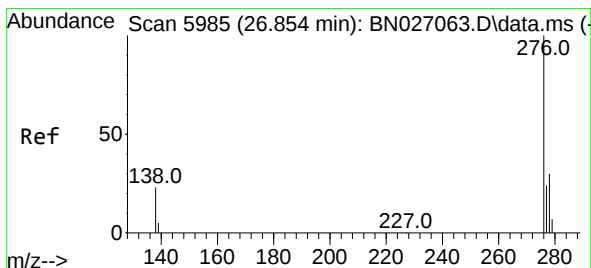
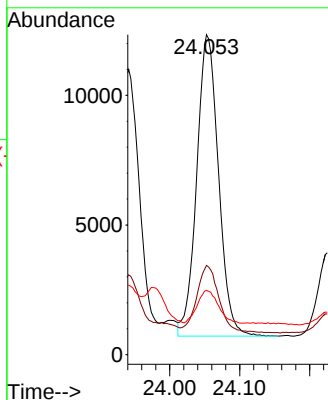
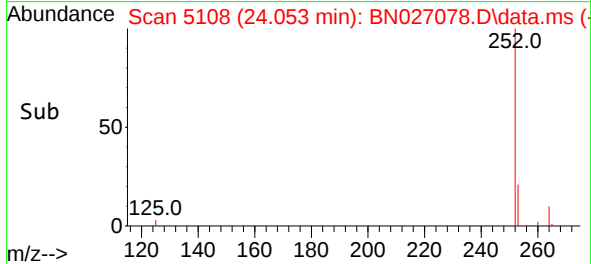
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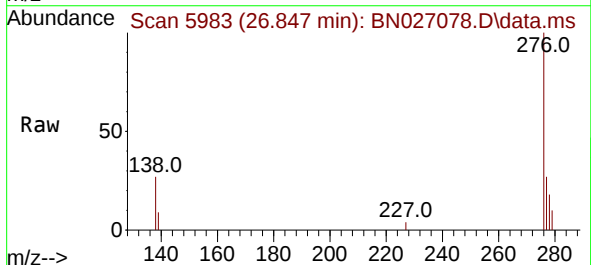
Tgt Ion:252 Resp: 25148
Ion Ratio Lower Upper
252 100
253 27.9 19.0 28.6
125 20.1 11.4 17.0

Manual Integrations
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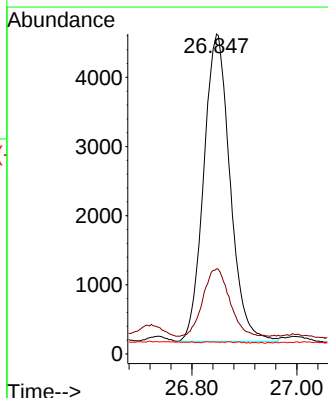
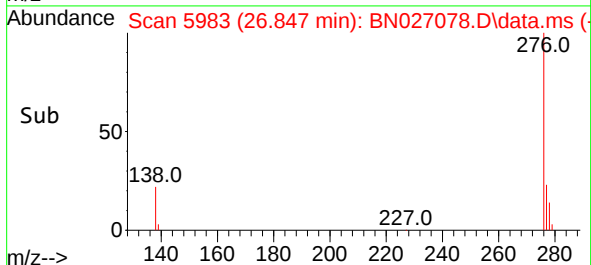
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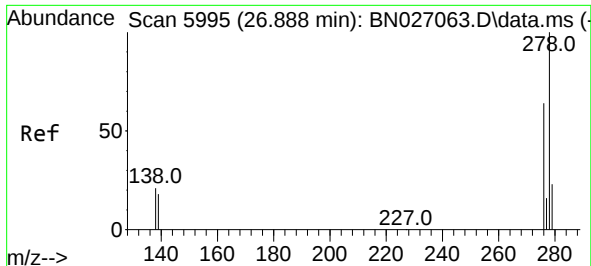


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.847 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13



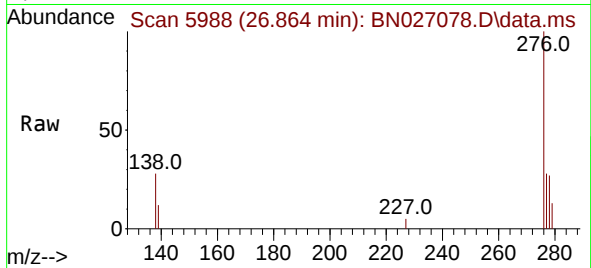
Tgt Ion:276 Resp: 15471
Ion Ratio Lower Upper
276 100
138 22.3 21.6 32.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.864 min Scan# 5995
Delta R.T. -0.021 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

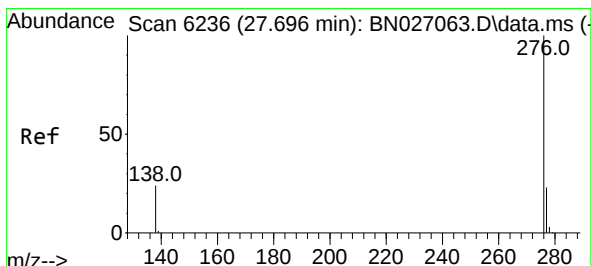
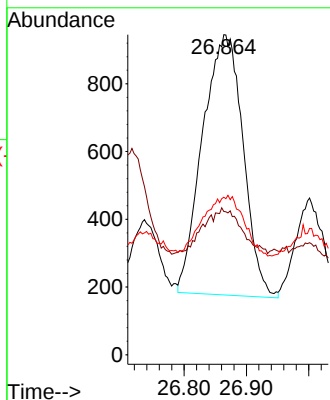
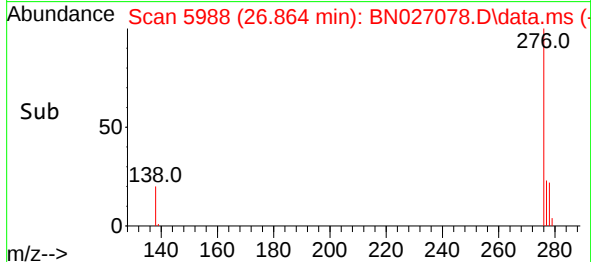
Instrument :
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Tgt Ion:278 Resp: 3474
Ion Ratio Lower Upper
278 100
139 44.8 15.7 23.5
279 49.2 20.2 30.4

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 27.689 min Scan# 6234
Delta R.T. -0.007 min
Lab File: BN027078.D
Acq: 24 Aug 2023 01:13

Tgt Ion:276 Resp: 14542
Ion Ratio Lower Upper
276 100
138 27.2 19.3 28.9
277 27.0 19.8 29.8

