

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027040.D
 Acq On : 22 Aug 2023 23:51
 Operator : MA/JU
 Sample : 04049-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH9K0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 02:29:52 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	8.097	152	8775	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	29643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	17327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	37099	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	25205	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	24293	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	46351m	4.449	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.495	152	16186	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	41039	0.516	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	39956	3.757	ng/ul#	91
11) Acenaphthene	14.786	153	22155	0.330	ng/ul	99
12) Fluorene	15.767	166	13156	0.173	ng/ul	99
15) Phenanthrene	17.510	178	3300m	0.027	ng/ul	
16) Anthracene	17.603	178	14328	0.130	ng/ul	97
19) Fluoranthene	19.515	202	21892	0.209	ng/ul	98
20) Pyrene	19.882	202	34655m	0.310	ng/ul	
21) Benzo(a)anthracene	21.621	228	3999	0.040	ng/ul#	90
22) Chrysene	21.679	228	3384	0.034	ng/ul#	90

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

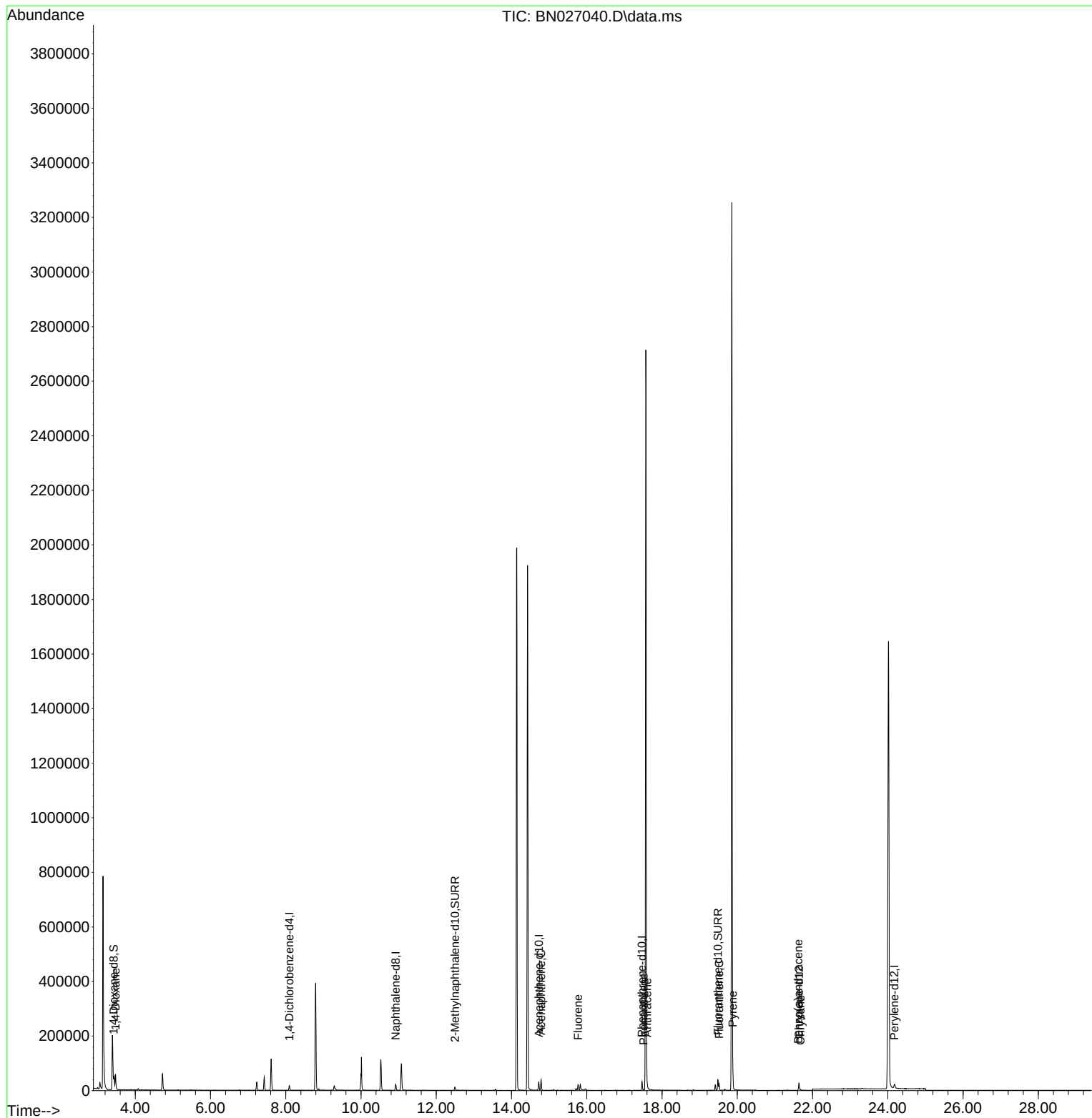
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027040.D
Acq On : 22 Aug 2023 23:51
Operator : MA/JU
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ALS Vial : 60 Sample Multiplier: 1

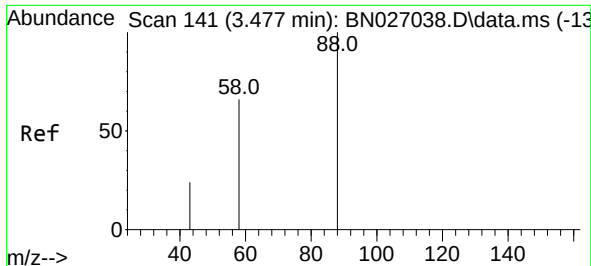
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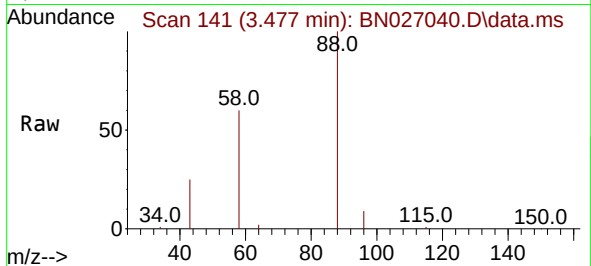
Quant Time: Aug 23 02:29:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 3.757 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

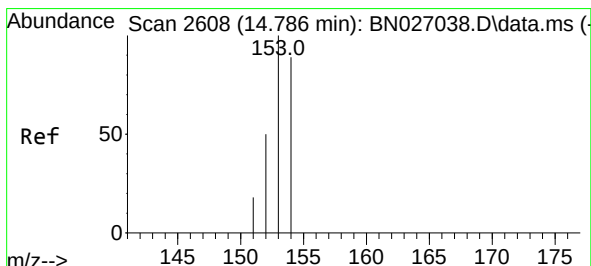
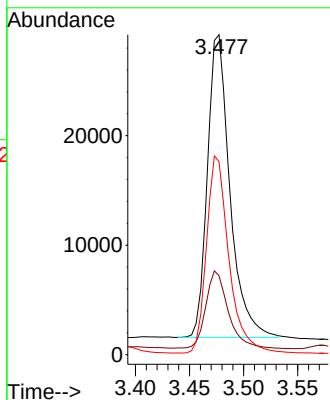
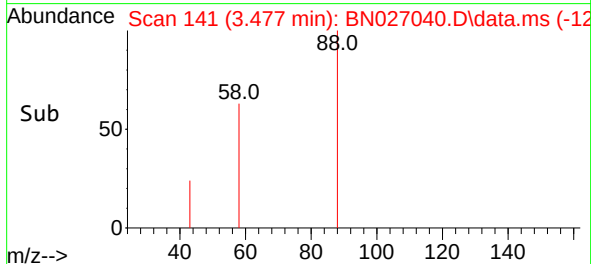
Instrument :
BNA_N
ClientSampleId :
BH9K0



Tgt Ion: 88 Resp: 39950
Ion Ratio Lower Upper
88 100
43 24.6 28.0 42.0
58 60.3 46.0 69.0

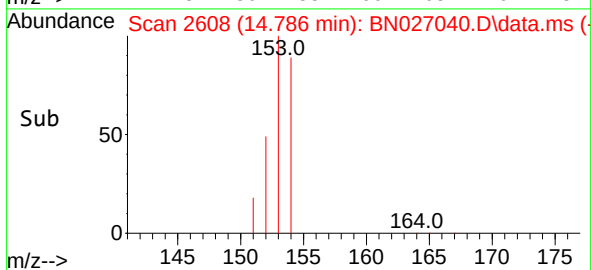
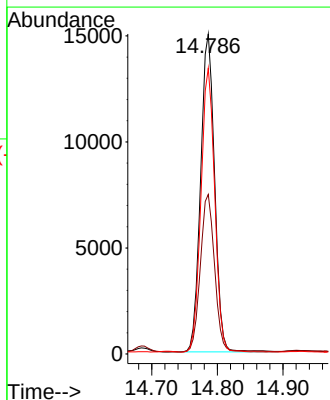
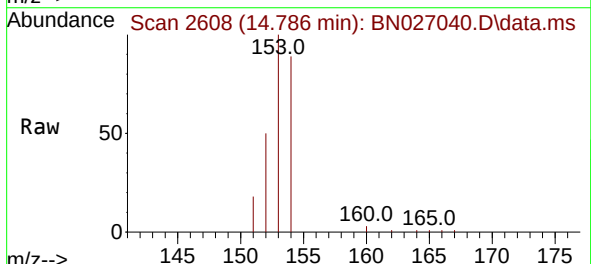
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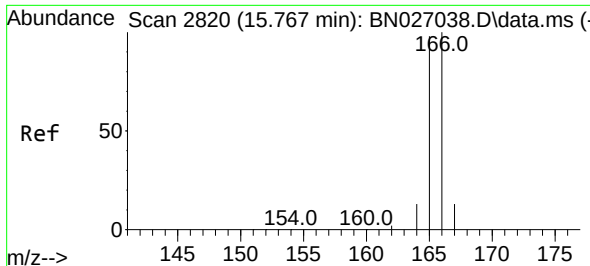
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.786 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

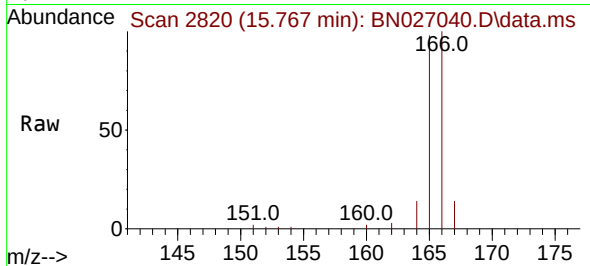
Tgt Ion:153 Resp: 22155
Ion Ratio Lower Upper
153 100
152 49.9 41.1 61.7
154 89.3 71.6 107.4





#12
Fluorene
Concen: 0.173 ng/ul
RT: 15.767 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

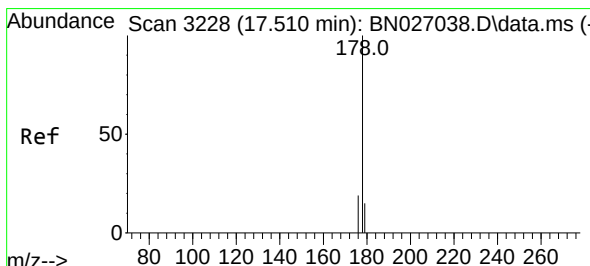
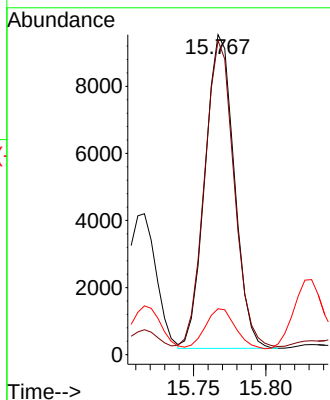
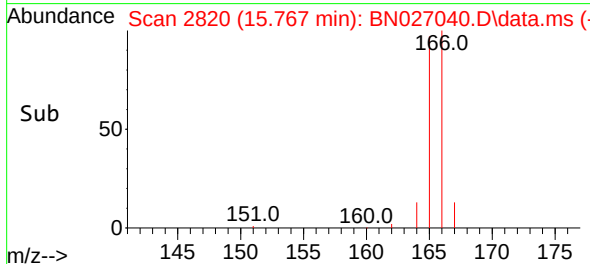
Instrument :
BNA_N
ClientSampleId :
BH9K0



Tgt Ion:166 Resp: 13150
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 14.4 11.4 17.0

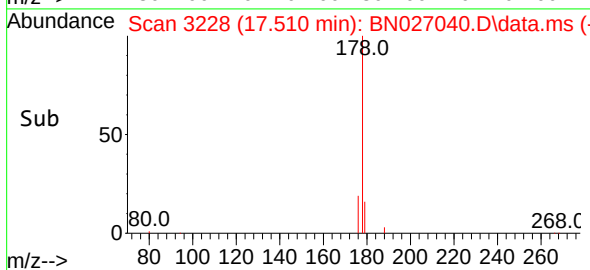
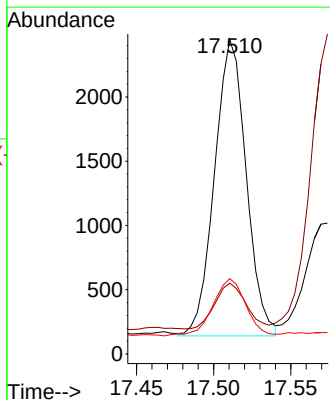
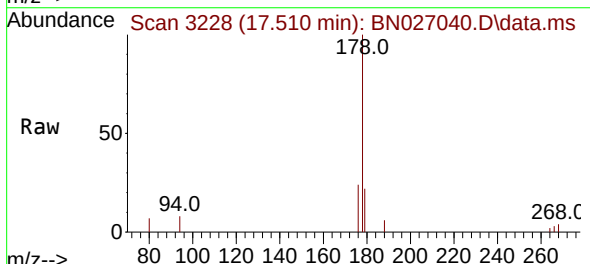
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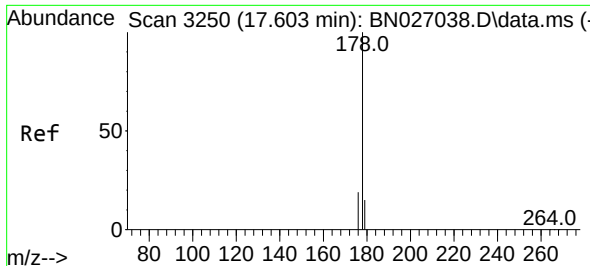
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#15
Phenanthrene
Concen: 0.027 ng/ul m
RT: 17.510 min Scan# 3228
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

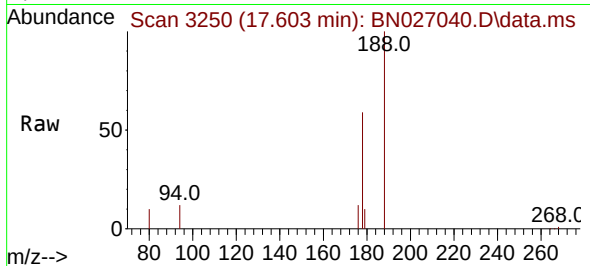
Tgt Ion:178 Resp: 3300
Ion Ratio Lower Upper
178 100
179 22.5 12.6 18.8#
176 24.0 15.4 23.2#





#16
 Anthracene
 Concen: 0.130 ng/ul
 RT: 17.603 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027040.D
 Acq: 22 Aug 2023 23:51

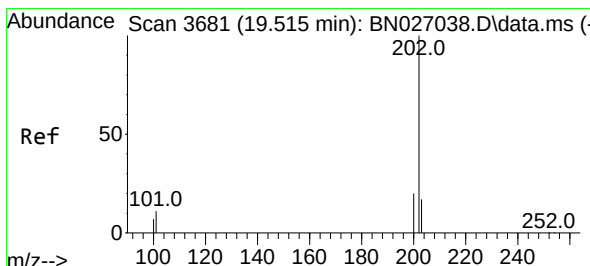
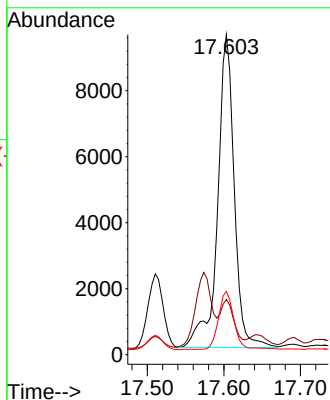
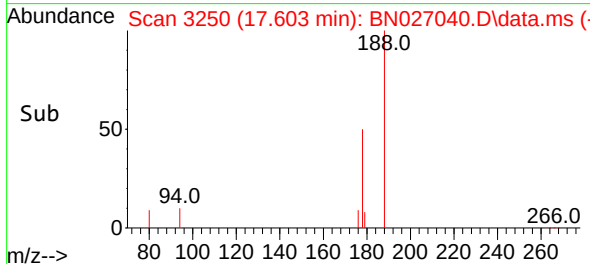
Instrument :
 BNA_N
 ClientSampleId :
 BH9K0



Tgt Ion:178 Resp: 14328
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.6 19.0
 176 19.7 15.0 22.6

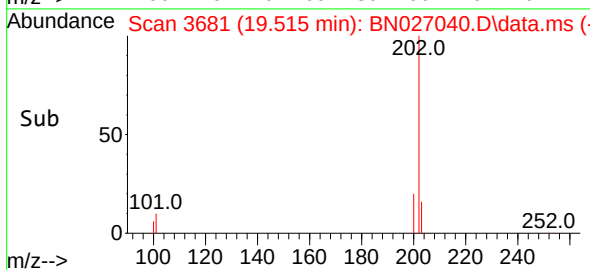
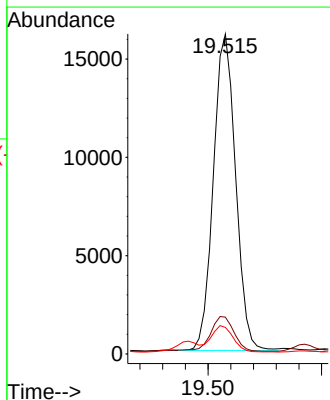
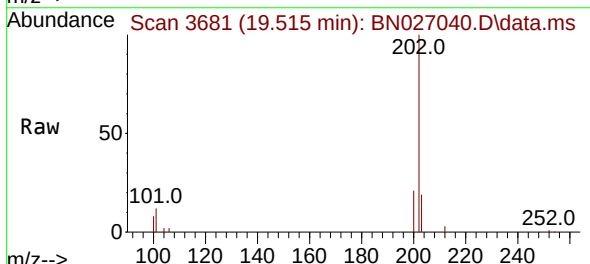
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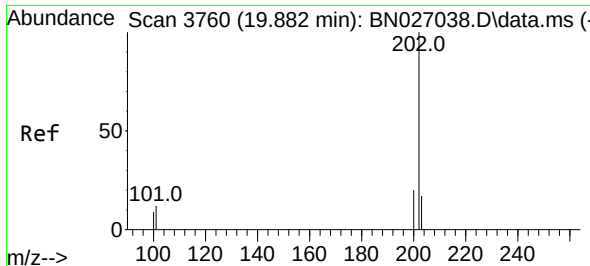
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#19
 Fluoranthene
 Concen: 0.209 ng/ul
 RT: 19.515 min Scan# 3681
 Delta R.T. -0.000 min
 Lab File: BN027040.D
 Acq: 22 Aug 2023 23:51

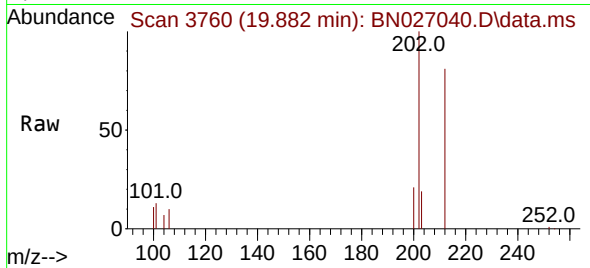
Tgt Ion:202 Resp: 21892
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.3 12.5
 100 8.3 6.2 9.2





#20
Pyrene
Concen: 0.310 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

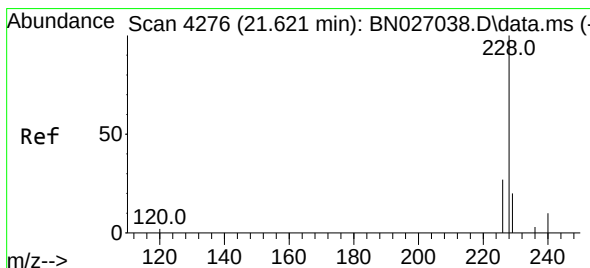
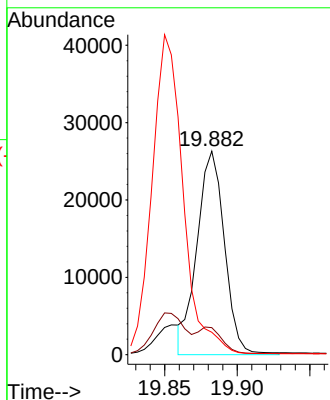
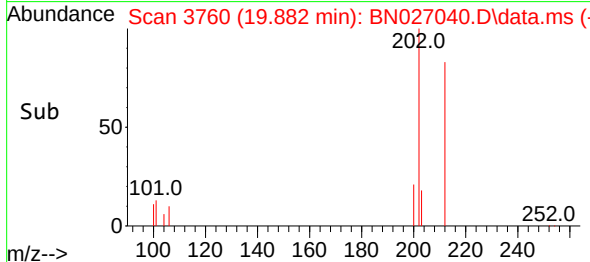
Instrument :
BNA_N
ClientSampleId :
BH9K0



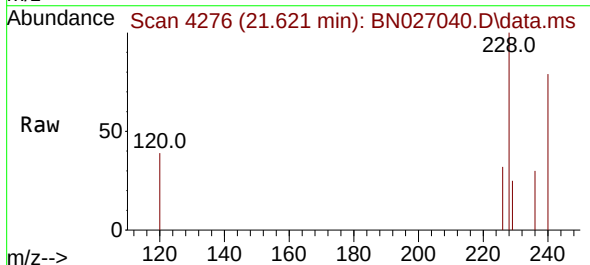
Tgt Ion:202 Resp: 3465
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 11.0 8.5 12.7

Manual Integrations
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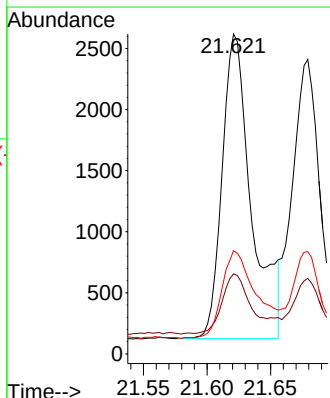
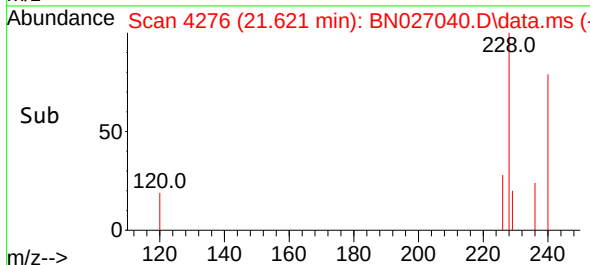
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Supervised By :mohammad ahmed 08/24/2023

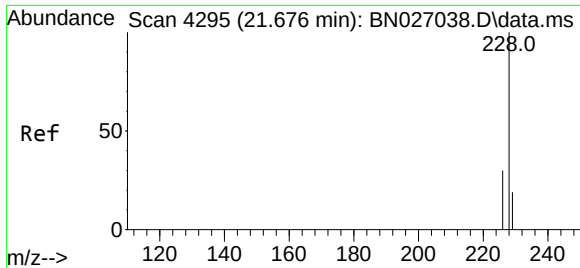


#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51



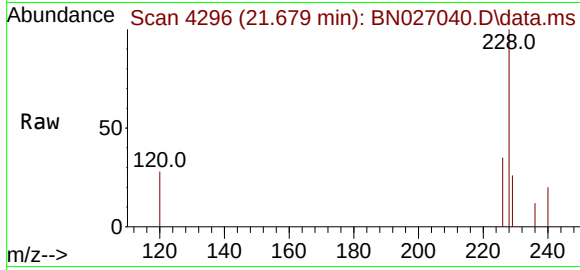
Tgt Ion:228 Resp: 3999
Ion Ratio Lower Upper
228 100
229 25.0 16.0 24.0#
226 32.2 22.2 33.2





#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.679 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027040.D
Acq: 22 Aug 2023 23:51

Instrument :
BNA_N
ClientSampleId :
BH9K0



Tgt Ion:	228	Resp:	3384
Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.6	36.8
229	25.6	15.8	23.6

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