

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027449.D
 Acq On : 07 Sep 2023 19:53
 Operator : MA/JU
 Sample : 04123-10
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH930

Manual Integrations
 APPROVED

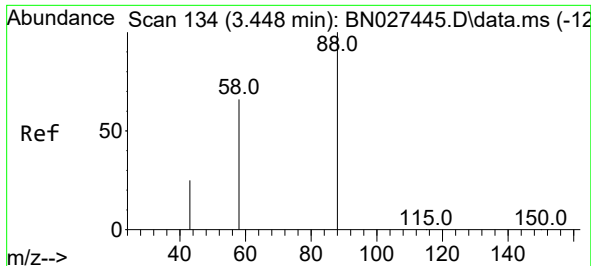
Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 01:57:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

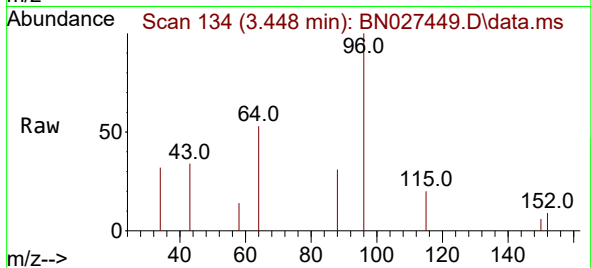
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	10083	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	34769	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.684	164	20314	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	42981	0.400	ng/ul	0.00
17) Chrysene-d12	21.606	240	27200	0.400	ng/ul	0.00
23) Perylene-d12	24.117	264	26493	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	59472	4.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	17409	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	40224	0.432	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	511	0.038	ng/ul#	41
15) Phenanthrene	17.472	178	3035	0.022	ng/ul#	87
19) Fluoranthene	19.483	202	6184	0.049	ng/ul	97
20) Pyrene	19.850	202	5599	0.044	ng/ul	96
21) Benzo(a)anthracene	21.589	228	3048	0.031	ng/ul#	66
24) Benzo(b)fluoranthene	23.337	252	3579m	0.029	ng/ul	

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



#2
1,4-Dioxane
Concen: 0.038 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN027449.D
Acq: 07 Sep 2023 19:53

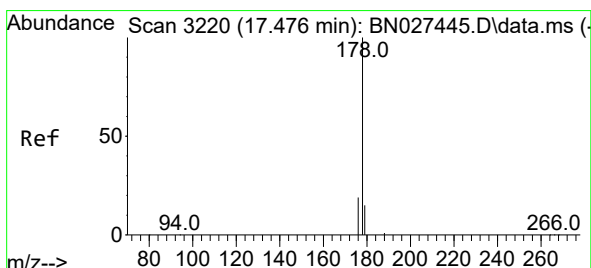
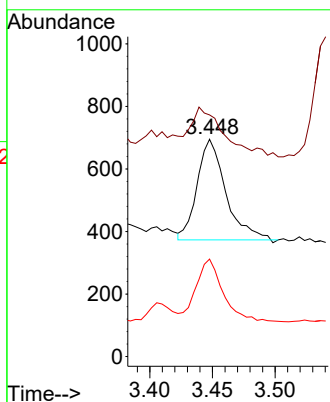
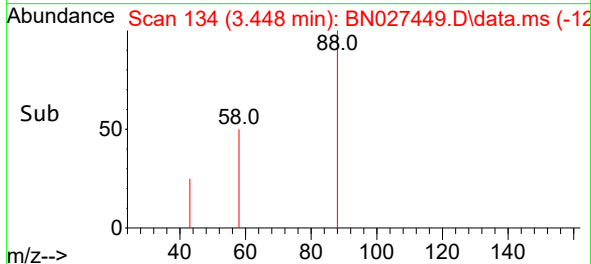
Instrument :
BNA_N
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BH930



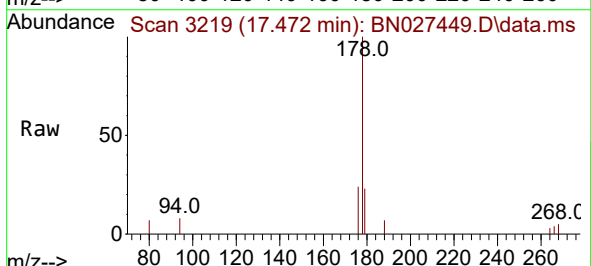
Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 111.2 26.8 40.2
58 44.9 39.9 59.9

Manual Integrations
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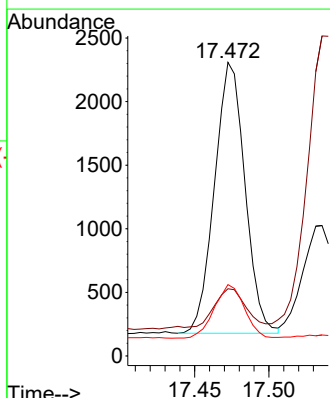
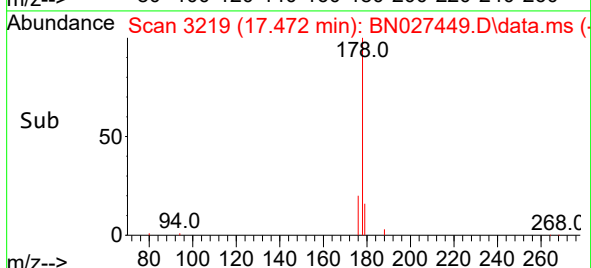
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

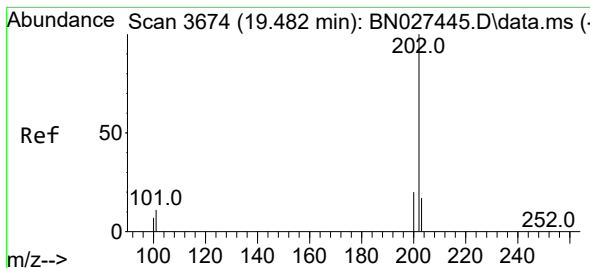


#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN027449.D
Acq: 07 Sep 2023 19:53



Tgt Ion:178 Resp: 3035
Ion Ratio Lower Upper
178 100
179 22.9 12.6 19.0#
176 24.4 15.8 23.8#





#19

Fluoranthene

Concen: 0.049 ng/uI

RT: 19.483 min Scan# 3674

Delta R.T. -0.004 min

Lab File: BN027449.D

Acq: 07 Sep 2023 19:53

Instrument :

BNA_N

ClientSampleId :

BH930

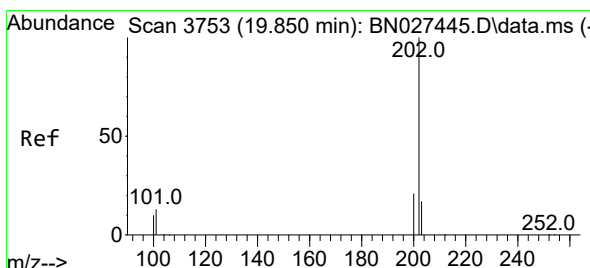
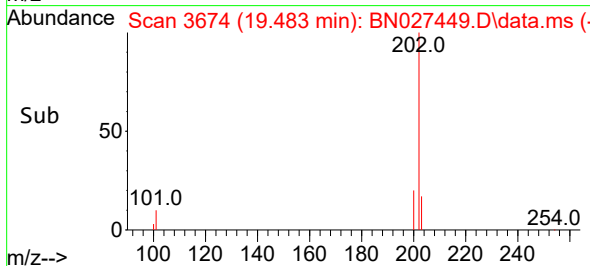
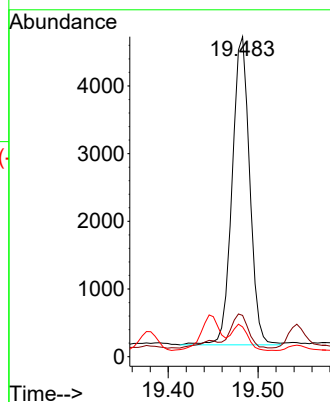
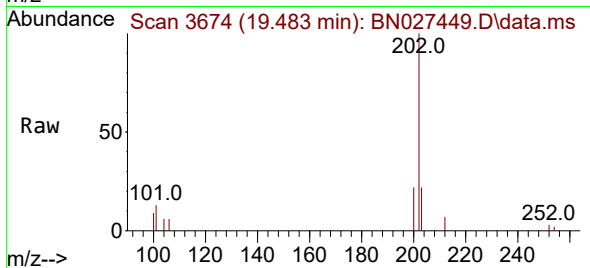
Tgt Ion:	202	Resp:	6184
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.4	14.0
100	9.3	6.9	10.3

Manual Integrations

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#20

Pyrene

Concen: 0.044 ng/uI

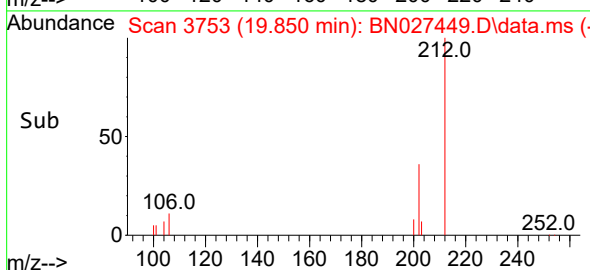
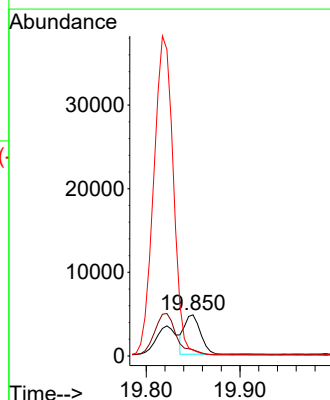
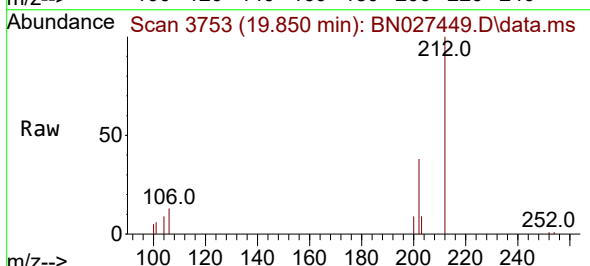
RT: 19.850 min Scan# 3753

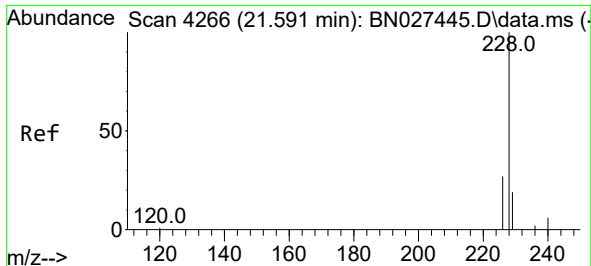
Delta R.T. 0.000 min

Lab File: BN027449.D

Acq: 07 Sep 2023 19:53

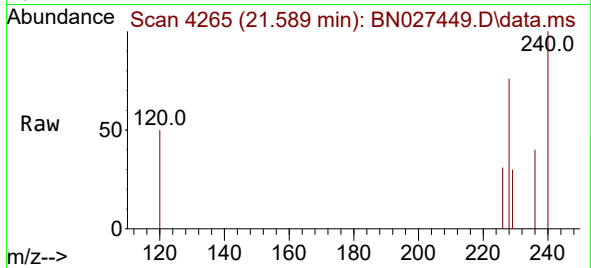
Tgt Ion:	202	Resp:	5599
Ion Ratio	Lower	Upper	
202	100		
101	15.3	11.4	17.2
100	13.9	9.4	14.2





#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.589 min Scan# 4266
Delta R.T. -0.003 min
Lab File: BN027449.D
Acq: 07 Sep 2023 19:53

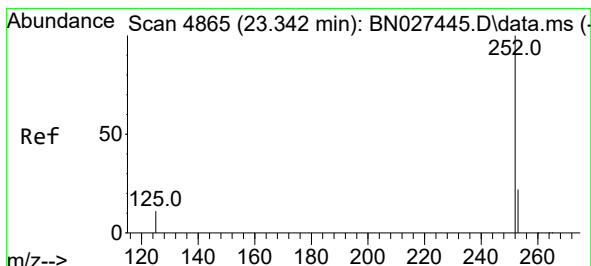
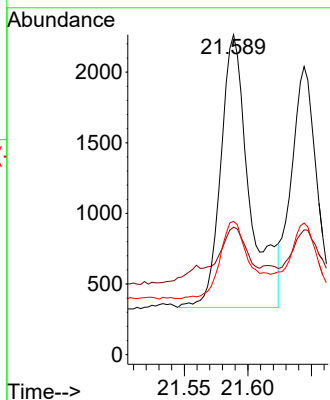
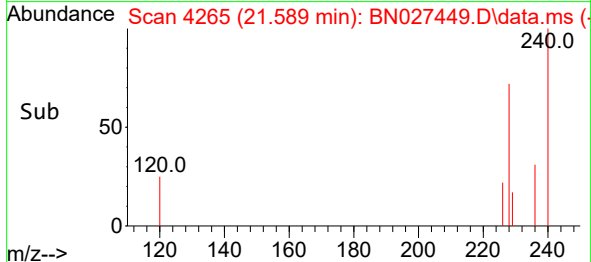
Instrument :
BNA_N
ClientSampleId :
BH930



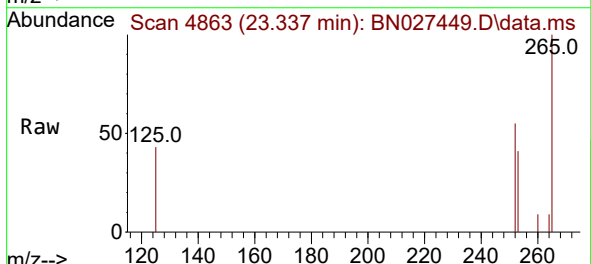
Tgt Ion:228 Resp: 3048
Ion Ratio Lower Upper
228 100
229 39.9 15.7 23.5#
226 41.6 22.0 33.0#

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#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.009 min
Lab File: BN027449.D
Acq: 07 Sep 2023 19:53



Tgt Ion:252 Resp: 3579
Ion Ratio Lower Upper
252 100
253 74.0 0.0 49.6#
125 78.0 0.0 33.8#

