

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027531.D
 Acq On : 10 Sep 2023 09:18
 Operator : MA/JU
 Sample : 04247-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBHX8

Quant Time: Sep 11 01:18:20 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 : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

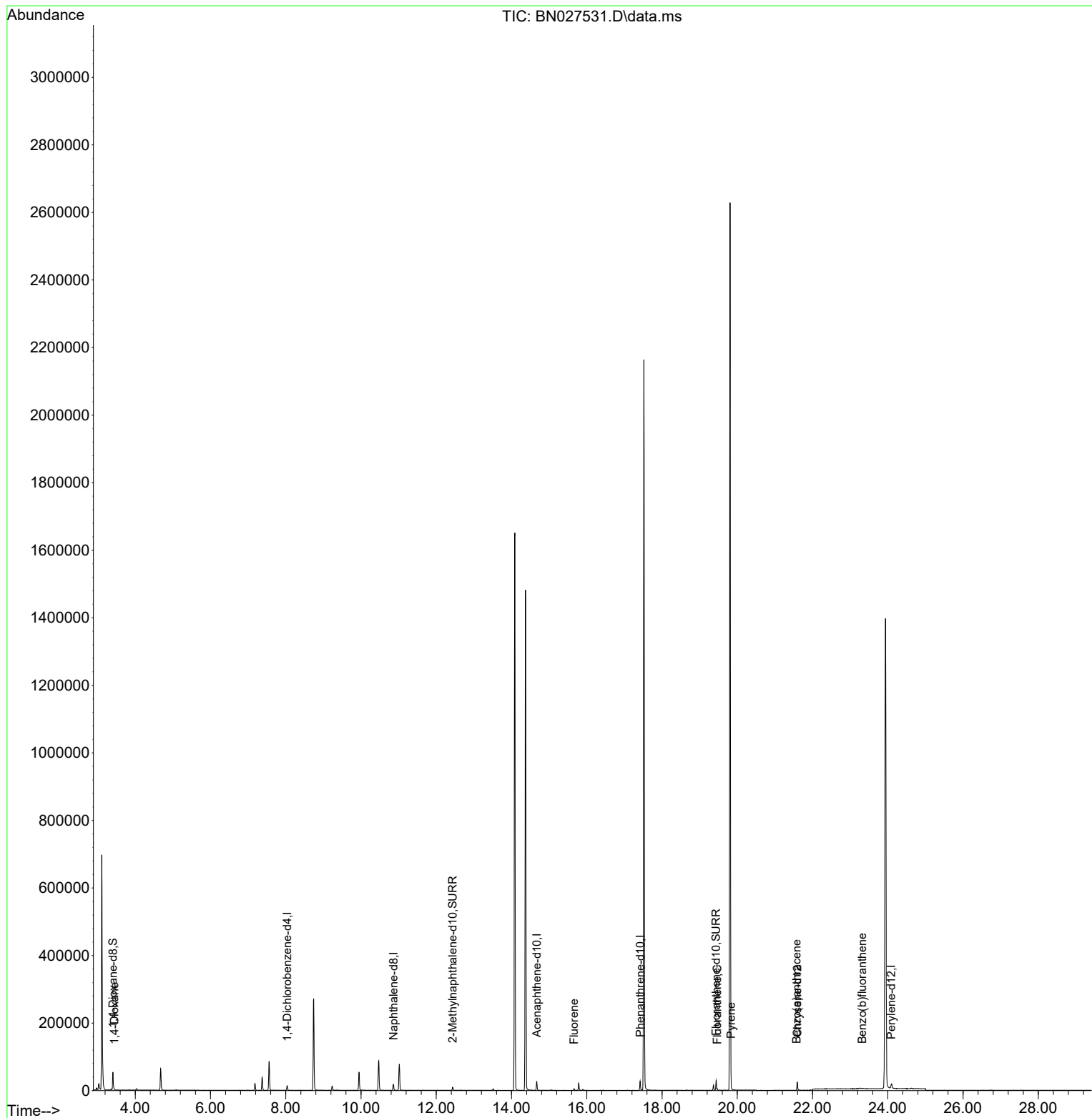
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6763	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	23172	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.671	164	14106	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.418	188	30832	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	22217	0.400	ng/ul	0.00
23) Perylene-d12	24.094	264	20769	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	35145	3.907	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	12326	0.350	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	30262	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	953	0.105	ng/ul#	85
12) Fluorene	15.661	166	4432	0.071	ng/ul#	13
19) Fluoranthene	19.469	202	3671	0.036	ng/ul#	94
20) Pyrene	19.836	202	3352	0.032	ng/ul#	91
21) Benzo(a)anthracene	21.577	228	1948	0.024	ng/ul#	85
24) Benzo(b)fluoranthene	23.319	252	3524	0.036	ng/ul#	12

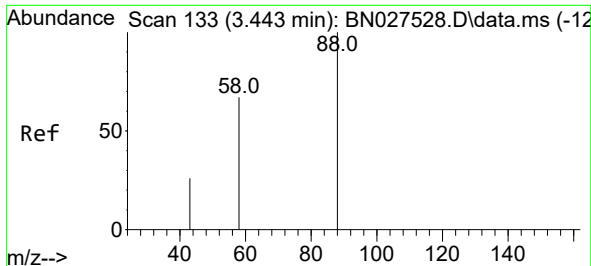
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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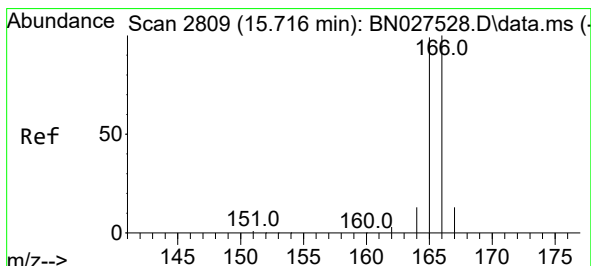
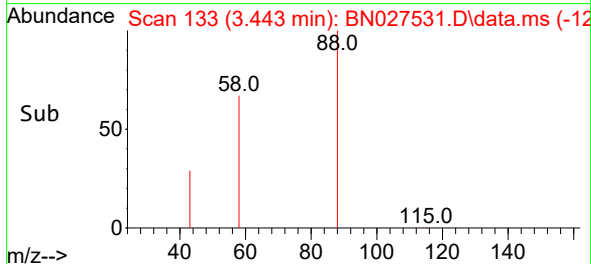
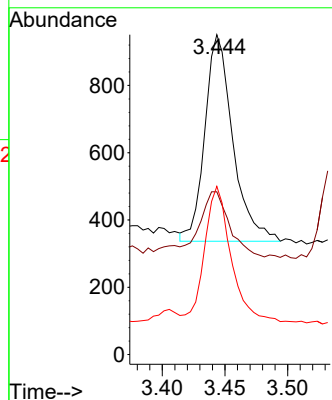
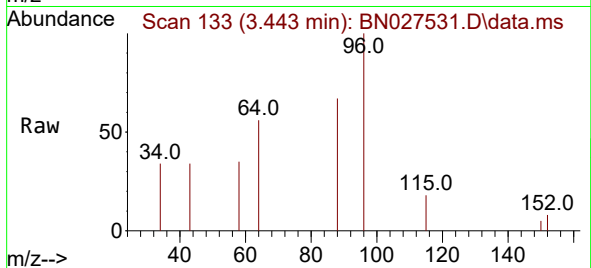




#2
1,4-Dioxane
Concen: 0.105 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027531.D
Acq: 10 Sep 2023 09:18

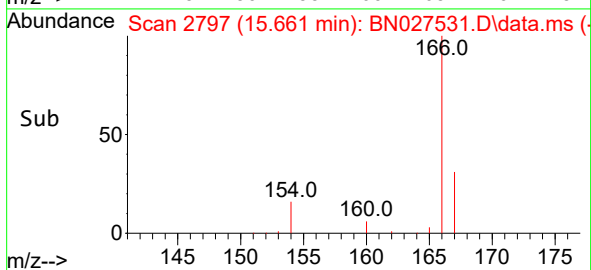
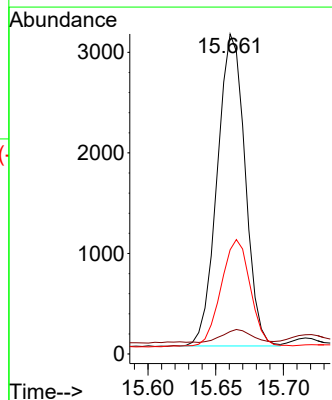
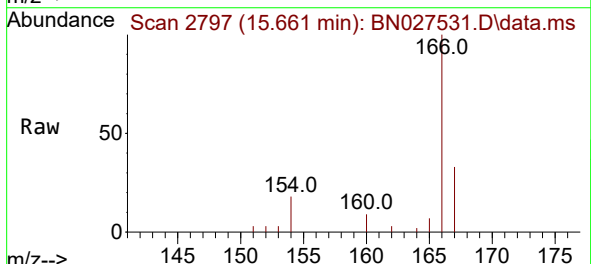
Instrument :
BNA_N
ClientSampleId :
BBHX8

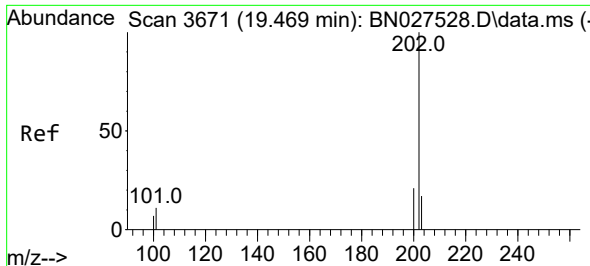
Tgt Ion: 88 Resp: 953
Ion Ratio Lower Upper
88 100
43 50.9 26.8 40.2#
58 52.6 39.9 59.9



#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.661 min Scan# 2797
Delta R.T. -0.065 min
Lab File: BN027531.D
Acq: 10 Sep 2023 09:18

Tgt Ion: 166 Resp: 4432
Ion Ratio Lower Upper
166 100
165 7.0 79.6 119.4#
167 32.5 11.4 17.0#

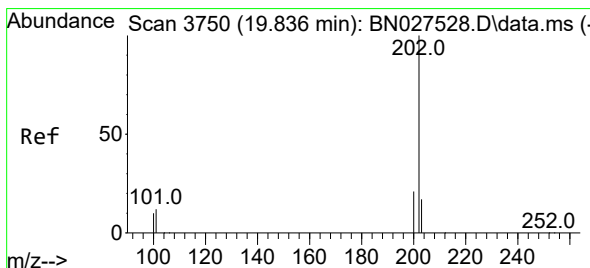
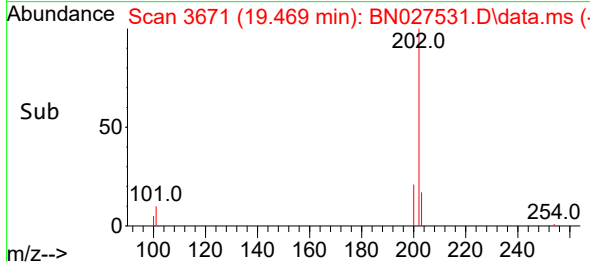
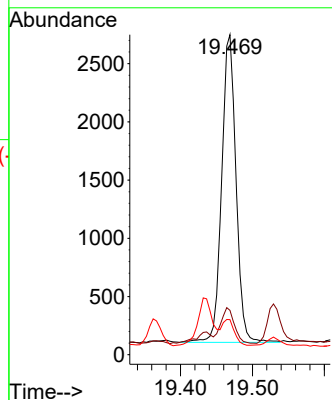
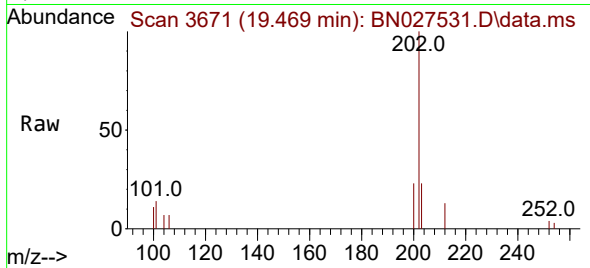




#19
Fluoranthene
Concen: 0.036 ng/ul
RT: 19.469 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BN027531.D
Acq: 10 Sep 2023 09:18

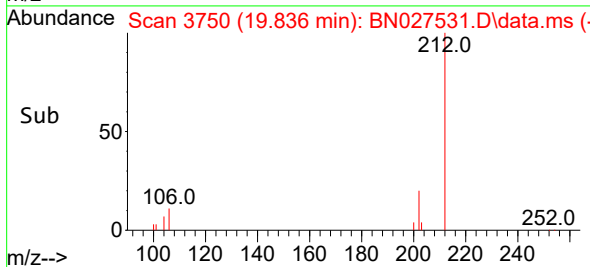
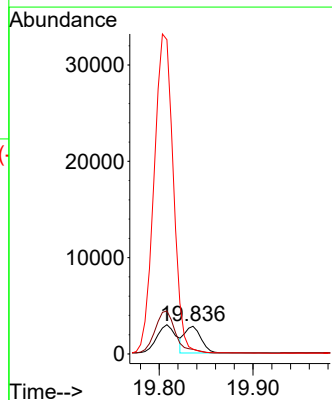
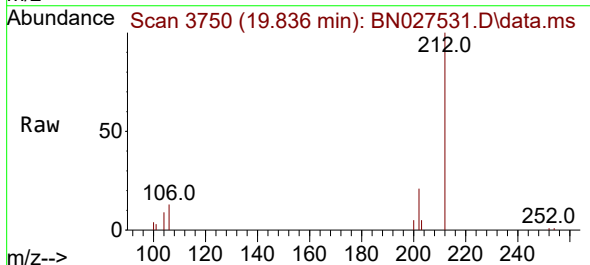
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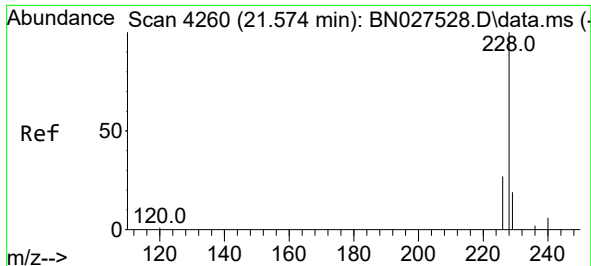
Tgt Ion:202 Resp: 3671
Ion Ratio Lower Upper
202 100
101 13.9 9.4 14.0
100 10.9 6.9 10.3#



#20
Pyrene
Concen: 0.032 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027531.D
Acq: 10 Sep 2023 09:18

Tgt Ion:202 Resp: 3352
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.2
100 17.3 9.4 14.2#

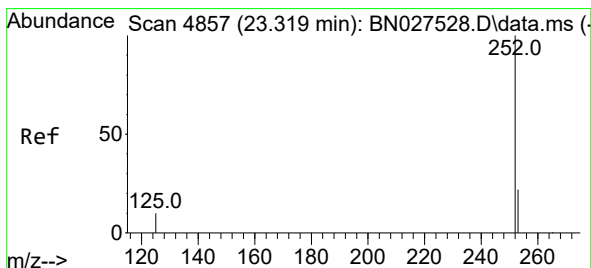
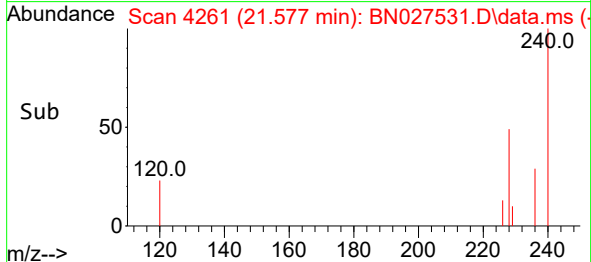
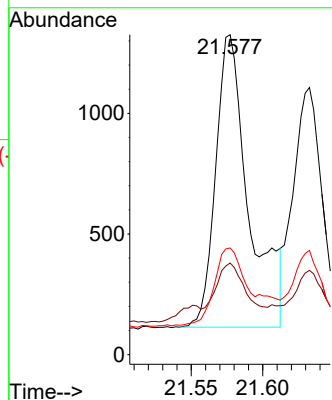
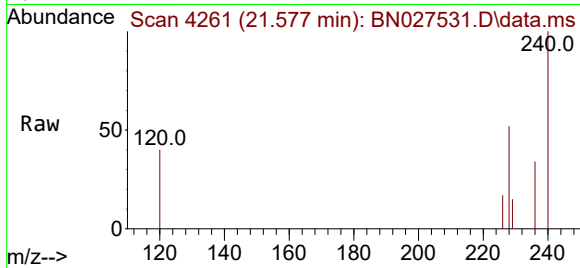




#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. -0.003 min
Lab File: BN027531.D
Acq: 10 Sep 2023 09:18

Instrument :
BNA_N
ClientSampleId :
BBHX8

Tgt Ion:228 Resp: 1948
Ion Ratio Lower Upper
228 100
229 28.7 15.7 23.5#
226 33.3 22.0 33.0#



#24
Benzo(b)fluoranthene
Concen: 0.036 ng/ul
RT: 23.319 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BN027531.D
Acq: 10 Sep 2023 09:18

Tgt Ion:252 Resp: 3524
Ion Ratio Lower Upper
252 100
253 64.2 0.0 49.6#
125 60.8 0.0 33.8#

