

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022531.D
 Acq On : 07 Nov 2022 17:43
 Operator : CG/JU
 Sample : N5408-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4Y1

Quant Time: Nov 07 23:34:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:30:37 2022
 Response via : Initial Calibration

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

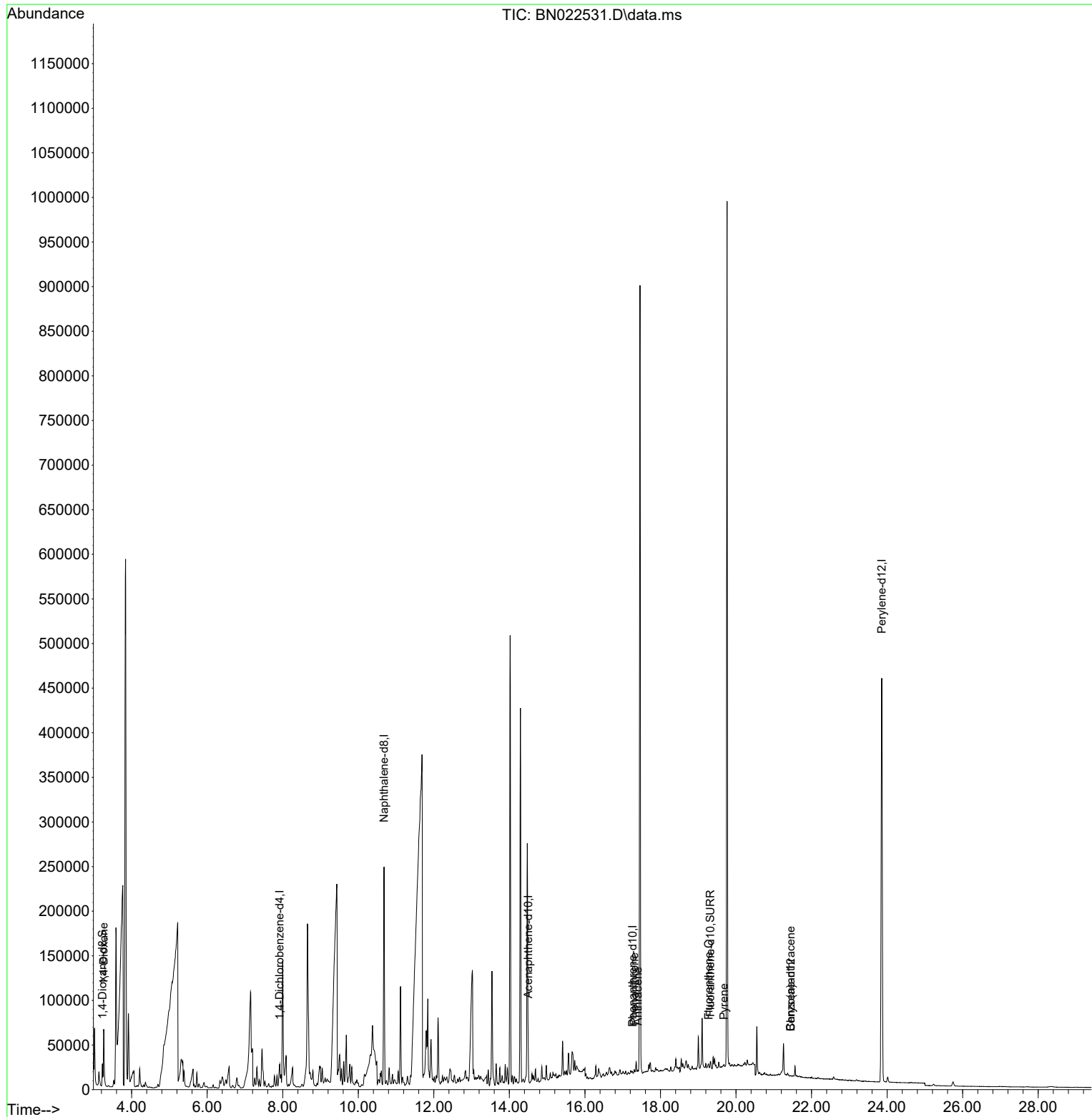
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2141	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.683	136	317585	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.497	164	59208	0.400	ng/ul	#-0.10
13) Phenanthrene-d10	17.259	188	228	0.400	ng/ul	#-0.09
17) Chrysene-d12	21.450	240	339	0.400	ng/ul	#-0.11
23) Perylene-d12	23.859	264	658569	0.400	ng/ul	#-0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	17165	6.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	4064	0.008	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	6358	5.587	ng/ul	-0.07
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	43089	15.082	ng/ul#	83
15) Phenanthrene	17.305	178	480	0.627	ng/ul#	1
16) Anthracene	17.402	178	3789	5.875	ng/ul#	1
19) Fluoranthene	19.275	202	673	0.433	ng/ul#	1
20) Pyrene	19.680	202	338	0.217	ng/ul#	1
21) Benzo(a)anthracene	21.450	228	483	0.380	ng/ul#	1

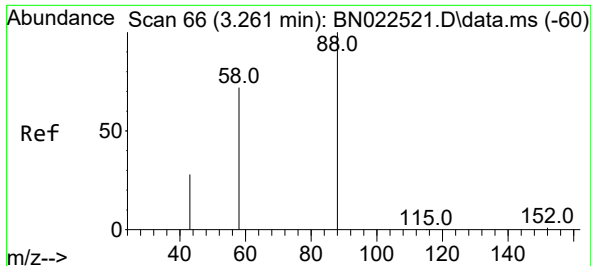
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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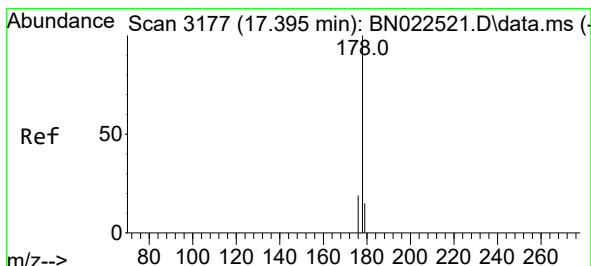
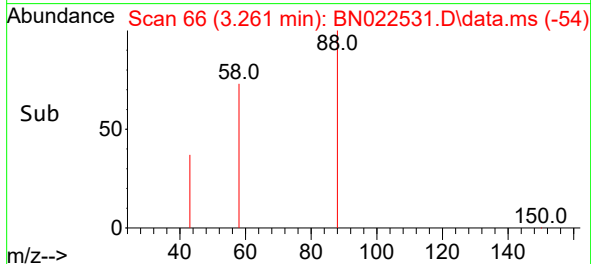
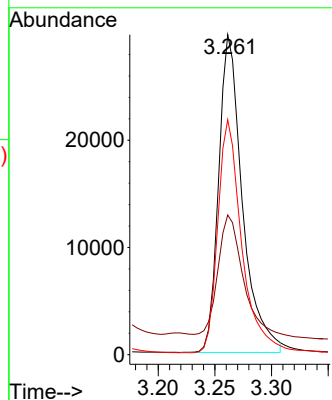
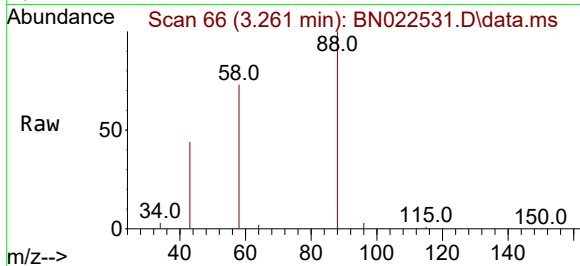




#2
1,4-Dioxane
Concen: 15.082 ng/ul
RT: 3.261 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN022531.D
Acq: 07 Nov 2022 17:43

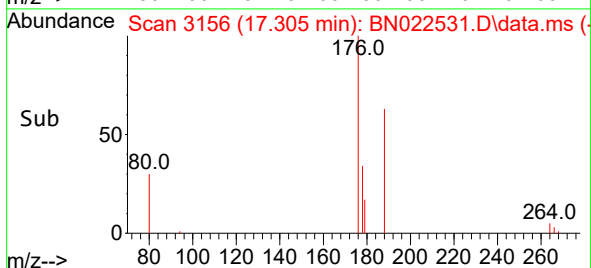
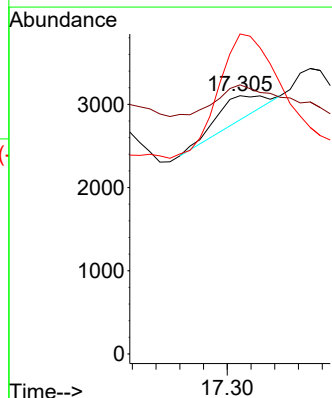
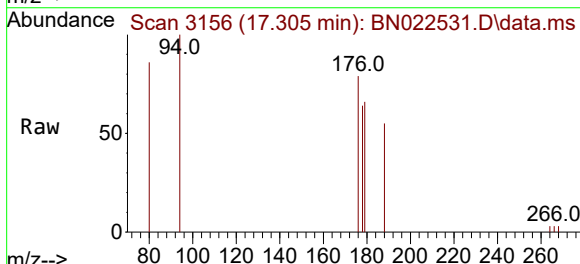
Instrument :
BNA_N
ClientSampleId :
EW4Y1

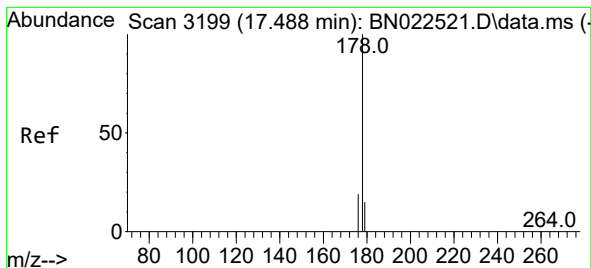
Tgt Ion: 88 Resp: 43089
Ion Ratio Lower Upper
88 100
43 43.6 27.4 41.2#
58 73.4 48.2 72.2#



#15
Phenanthrene
Concen: 0.627 ng/ul
RT: 17.305 min Scan# 3156
Delta R.T. -0.090 min
Lab File: BN022531.D
Acq: 07 Nov 2022 17:43

Tgt Ion: 178 Resp: 480
Ion Ratio Lower Upper
178 100
179 104.3 12.7 19.1#
176 123.9 15.4 23.2#





#16

Anthracene

Concen: 5.875 ng/ul

RT: 17.402 min Scan# 3199

Delta R.T. -0.086 min

Lab File: BN022531.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_N

ClientSampleId :

EW4Y1

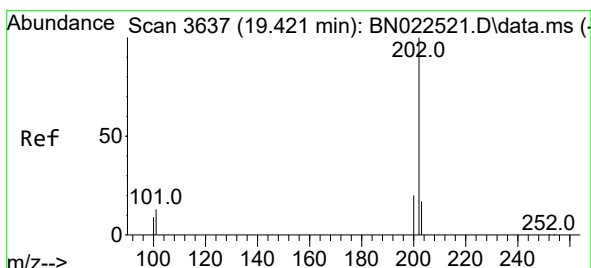
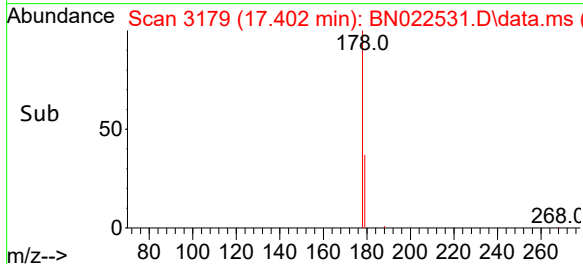
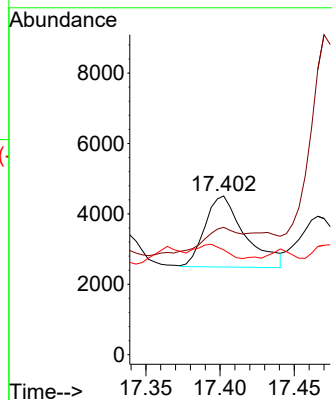
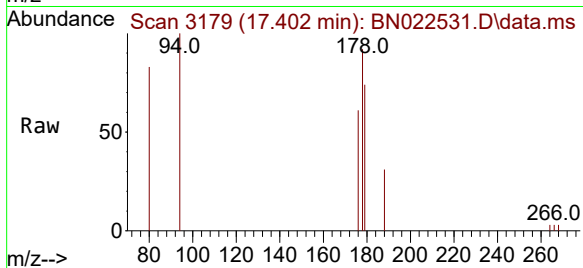
Tgt Ion:178 Resp: 3789

Ion Ratio Lower Upper

178 100

179 80.2 12.6 18.8#

176 66.0 15.0 22.6#



#19

Fluoranthene

Concen: 0.433 ng/ul

RT: 19.275 min Scan# 3606

Delta R.T. -0.146 min

Lab File: BN022531.D

Acq: 07 Nov 2022 17:43

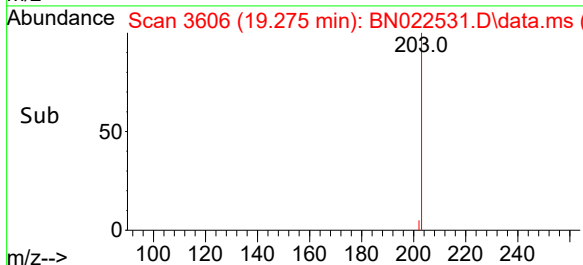
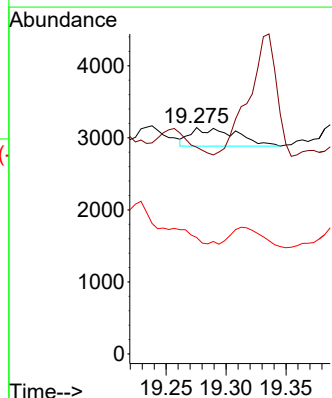
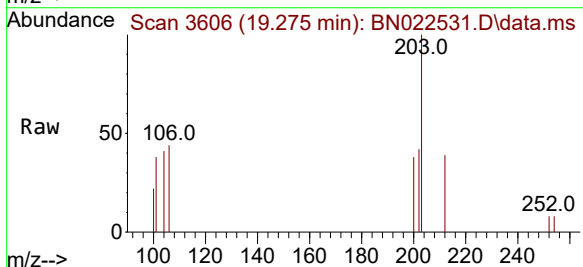
Tgt Ion:202 Resp: 673

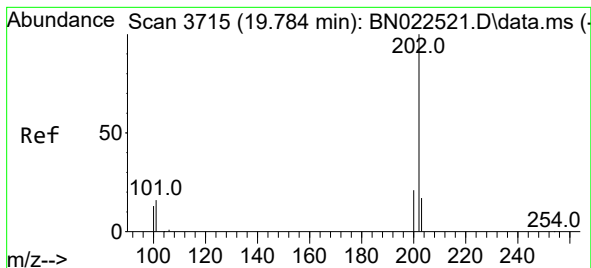
Ion Ratio Lower Upper

202 100

101 91.3 11.8 17.6#

100 51.5 8.7 13.1#





#20

Pyrene

Concen: 0.217 ng/ul

RT: 19.680 min Scan# 3

Delta R.T. -0.104 min

Lab File: BN022531.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_N

ClientSampleId :

EW4Y1

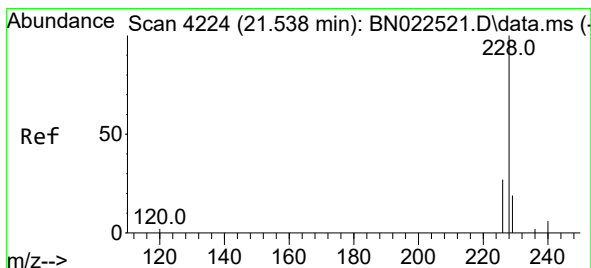
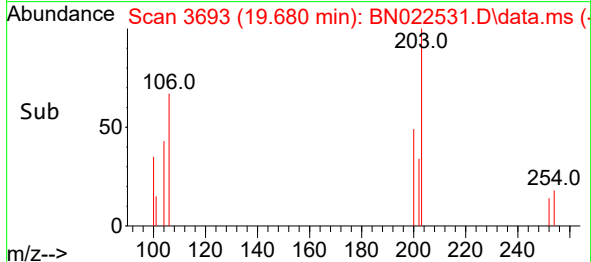
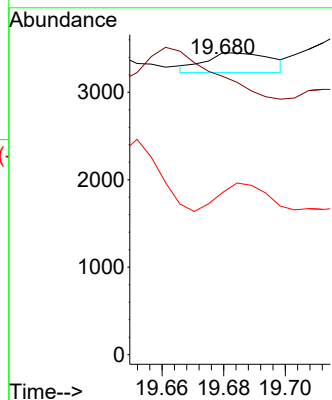
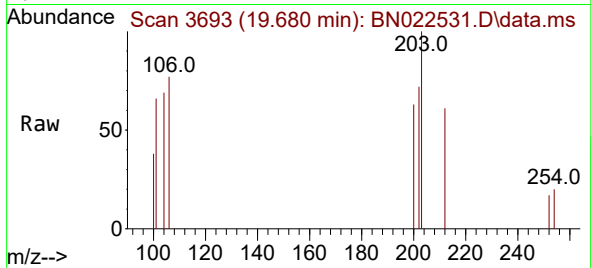
Tgt Ion:202 Resp: 338

Ion Ratio Lower Upper

202 100

101 92.1 13.1 19.7#

100 53.8 10.6 16.0#



#21

Benzo(a)anthracene

Concen: 0.380 ng/ul

RT: 21.450 min Scan# 4194

Delta R.T. -0.088 min

Lab File: BN022531.D

Acq: 07 Nov 2022 17:43

Tgt Ion:228 Resp: 483

Ion Ratio Lower Upper

228 100

229 196.3 15.7 23.5#

226 104.7 21.5 32.3#

