

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020714.D
 Acq On : 01 Jul 2024 11:56
 Operator : MA/JU
 Sample : P2871-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C52

Quant Time: Jul 02 00:54:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

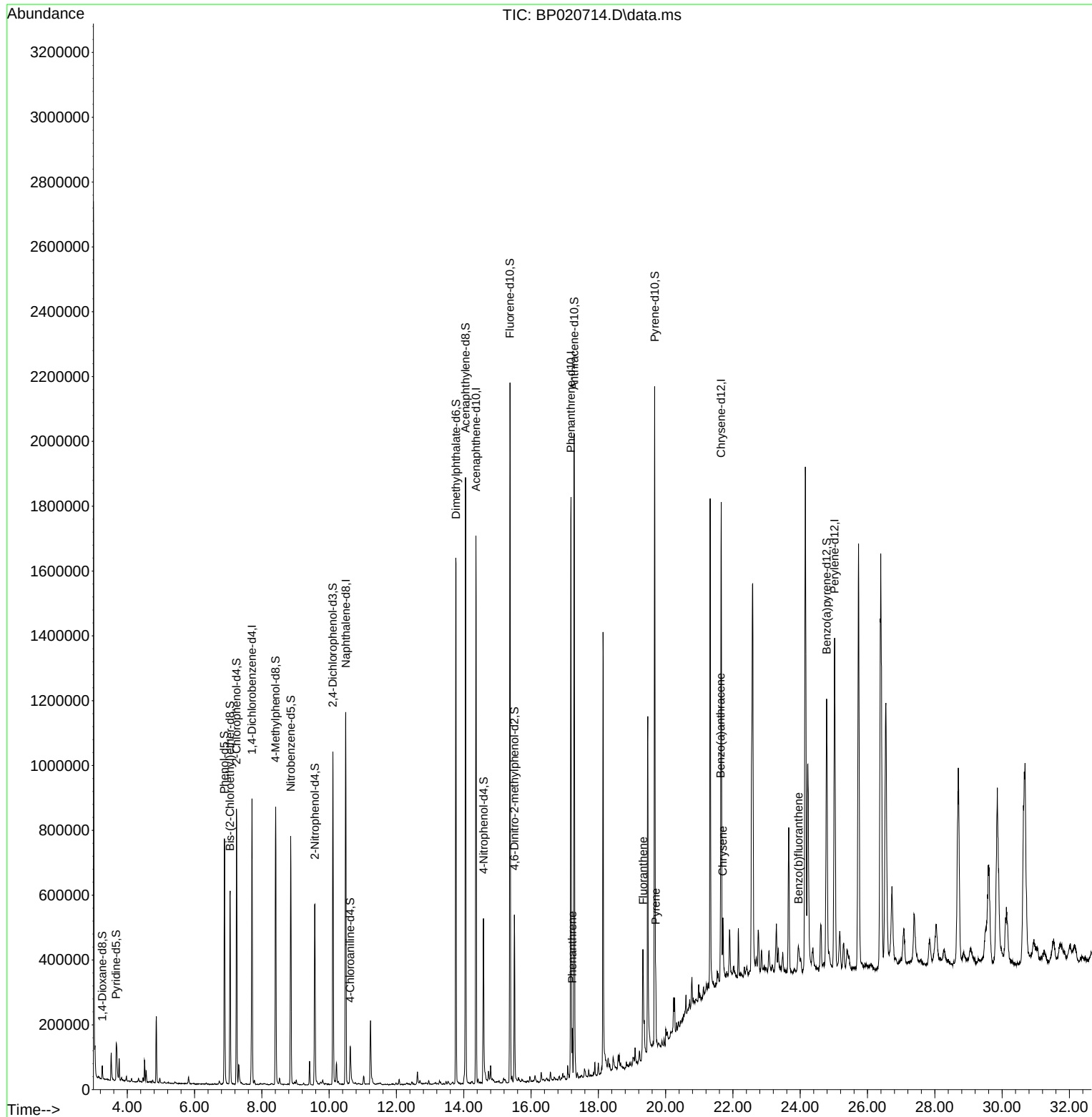
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	228813	20.000	ng/u1	-0.05
20) Naphthalene-d8	10.493	136	920497	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.363	164	573638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.187	188	1057896	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	848986	20.000	ng/u1	0.01
88) Perylene-d12	25.021	264	1018270	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	19584	3.675	ng/uL	-0.02
4) Pyridine-d5	3.670	84	43021	2.770	ng/u1	-0.02
7) Phenol-d5	6.887	99	420369	22.399	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	7.052	67	264818	22.258	ng/u1	-0.04
11) 2-Chlorophenol-d4	7.246	132	358279	23.359	ng/u1	-0.04
15) 4-Methylphenol-d8	8.411	113	327756	21.503	ng/u1	-0.04
21) Nitrobenzene-d5	8.858	128	177818	26.165	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.575	143	196734	28.928	ng/u1	-0.03
28) 2,4-Dichlorophenol-d3	10.111	165	344641	24.601	ng/u1	-0.03
31) 4-Chloroaniline-d4	10.622	131	89999	4.584	ng/u1	-0.03
46) Dimethylphthalate-d6	13.769	166	1031218	25.855	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	1169058	24.564	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.587	143	108873	17.866	ng/u1	0.00
60) Fluorene-d10	15.375	176	852146	25.390	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	113961	21.376	ng/u1	0.00
73) Anthracene-d10	17.281	188	1159289	24.417	ng/u1	0.00
81) Pyrene-d10	19.675	212	1139171	22.335	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	859735	17.357	ng/u1	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.222	178	86286	1.558	ng/u1	98
80) Fluoranthene	19.328	202	159733	2.564	ng/u1	97
82) Pyrene	19.704	202	127194	1.991	ng/u1	98
85) Benzo(a)anthracene	21.633	228	76670	1.288	ng/u1	96
87) Chrysene	21.698	228	79858	1.420	ng/u1	98
90) Benzo(b)fluoranthene	23.951	252	106774	1.731	ng/u1#	97

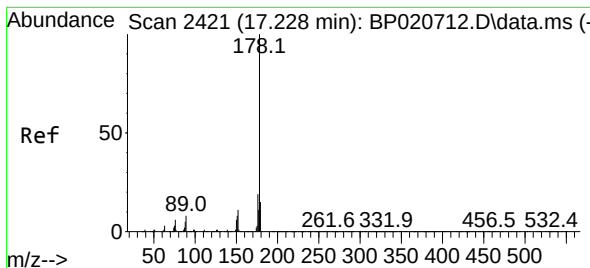
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.558 ng/ul

RT: 17.222 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP020714.D

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Instrument :

BNA_P

ClientSampleId :

A4C52

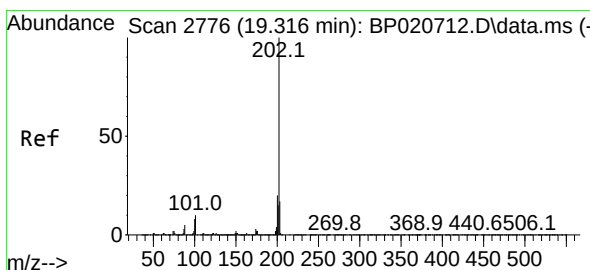
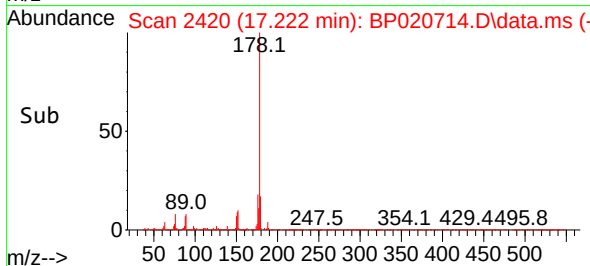
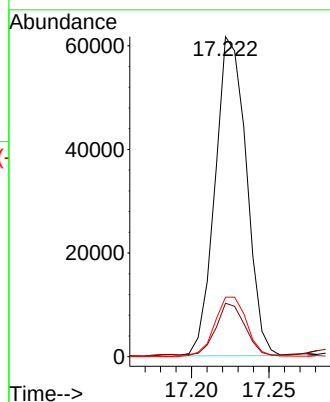
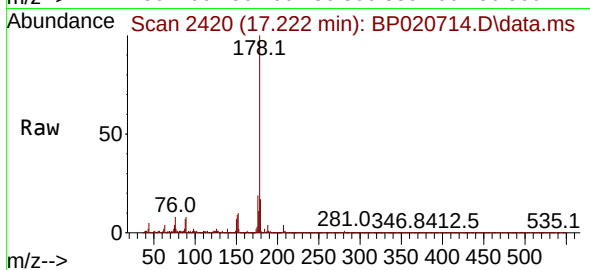
Tgt Ion:178 Resp: 86286

Ion Ratio Lower Upper

178 100

179 16.7 12.4 18.6

176 18.6 15.4 23.2



#80

Fluoranthene

Concen: 2.564 ng/ul

RT: 19.328 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BP020714.D

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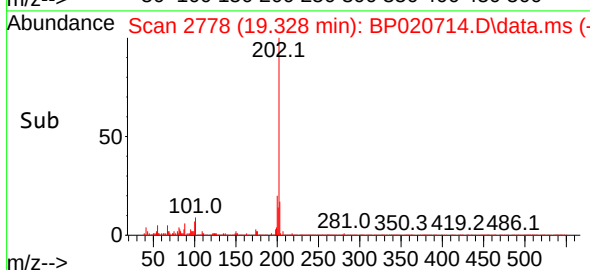
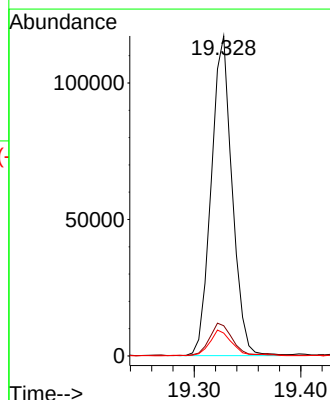
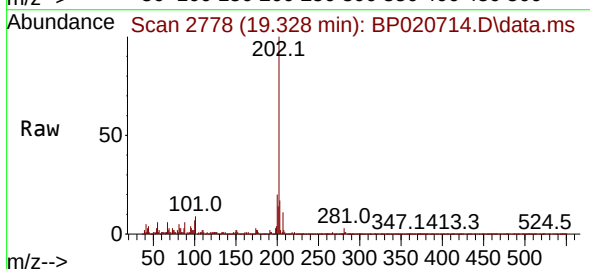
Tgt Ion:202 Resp: 159733

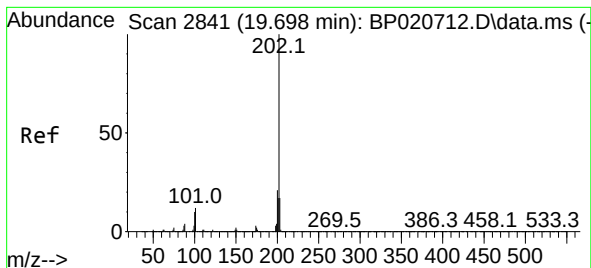
Ion Ratio Lower Upper

202 100

101 9.4 8.2 12.4

100 7.1 6.6 10.0





#82

Pyrene

Concen: 1.991 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020714.D

Acq: 01 Jul 2024 11:56

Instrument :

BNA_P

ClientSampleId :

A4C52

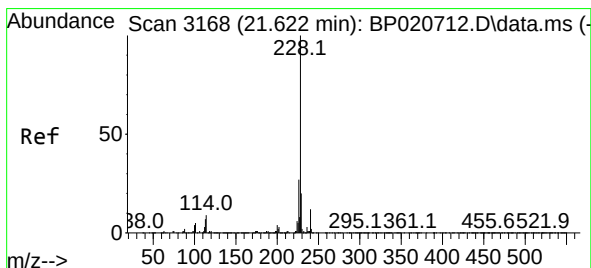
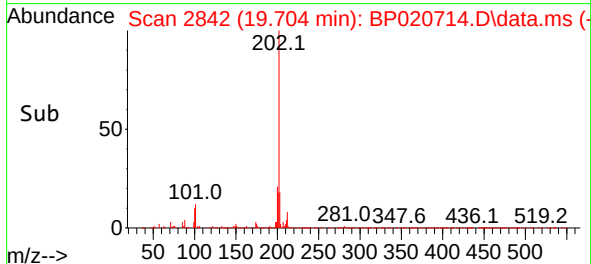
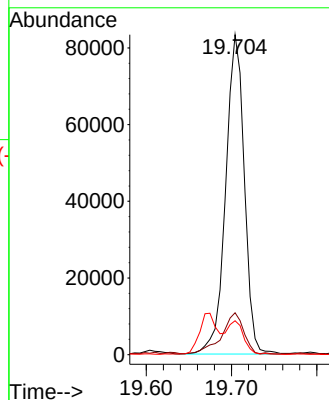
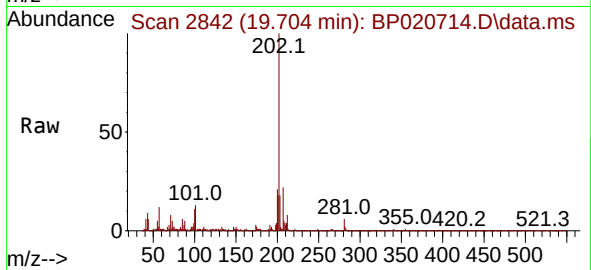
Tgt Ion:202 Resp: 127194

Ion Ratio Lower Upper

202 100

101 13.1 9.8 14.8

100 10.6 7.9 11.9



#85

Benzo(a)anthracene

Concen: 1.288 ng/ul

RT: 21.633 min Scan# 3170

Delta R.T. 0.012 min

Lab File: BP020714.D

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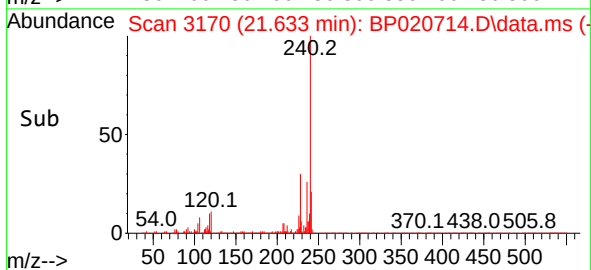
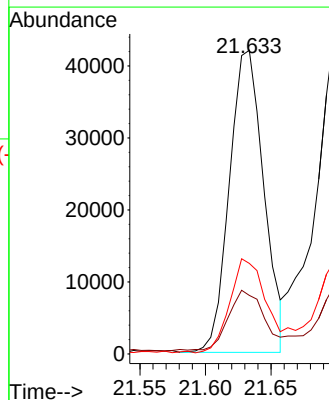
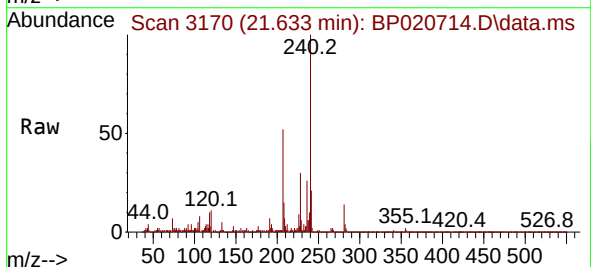
Tgt Ion:228 Resp: 76670

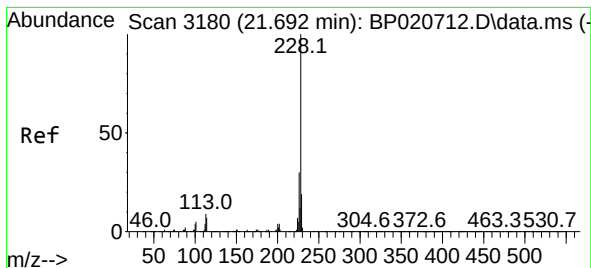
Ion Ratio Lower Upper

228 100

229 19.3 15.2 22.8

226 29.8 21.1 31.7





#87

Chrysene

Concen: 1.420 ng/ul

RT: 21.698 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP020714.D

Acq: 01 Jul 2024 11:56

Instrument :

BNA_P

ClientSampleId :

A4C52

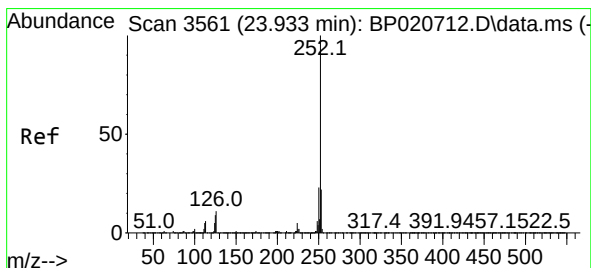
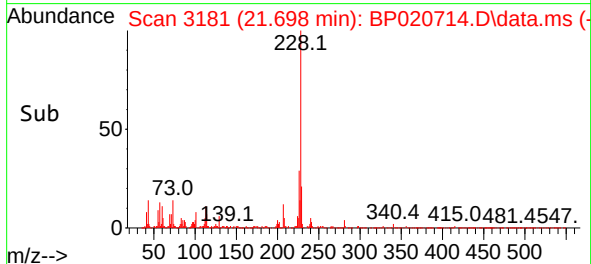
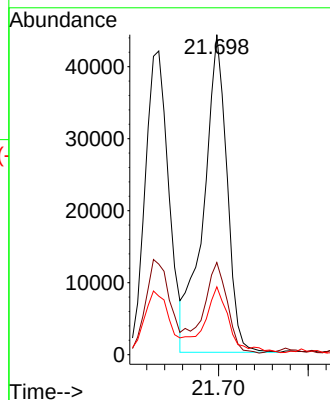
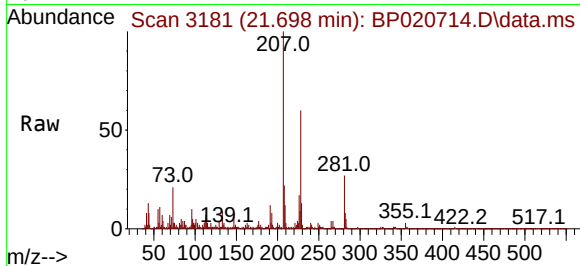
Tgt Ion:228 Resp: 79858

Ion Ratio Lower Upper

228 100

226 28.8 23.8 35.6

229 21.2 16.1 24.1



#90

Benzo(b)fluoranthene

Concen: 1.731 ng/ul

RT: 23.951 min Scan# 3564

Delta R.T. 0.012 min

Lab File: BP020714.D

Acq: 01 Jul 2024 11:56

Tgt Ion:252 Resp: 106774

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 13.4 7.9 11.9#

