

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020934.D
 Acq On : 12 Jul 2024 14:14
 Operator : MA/JU
 Sample : P3087-23
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CZ5

Quant Time: Jul 12 23:23:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

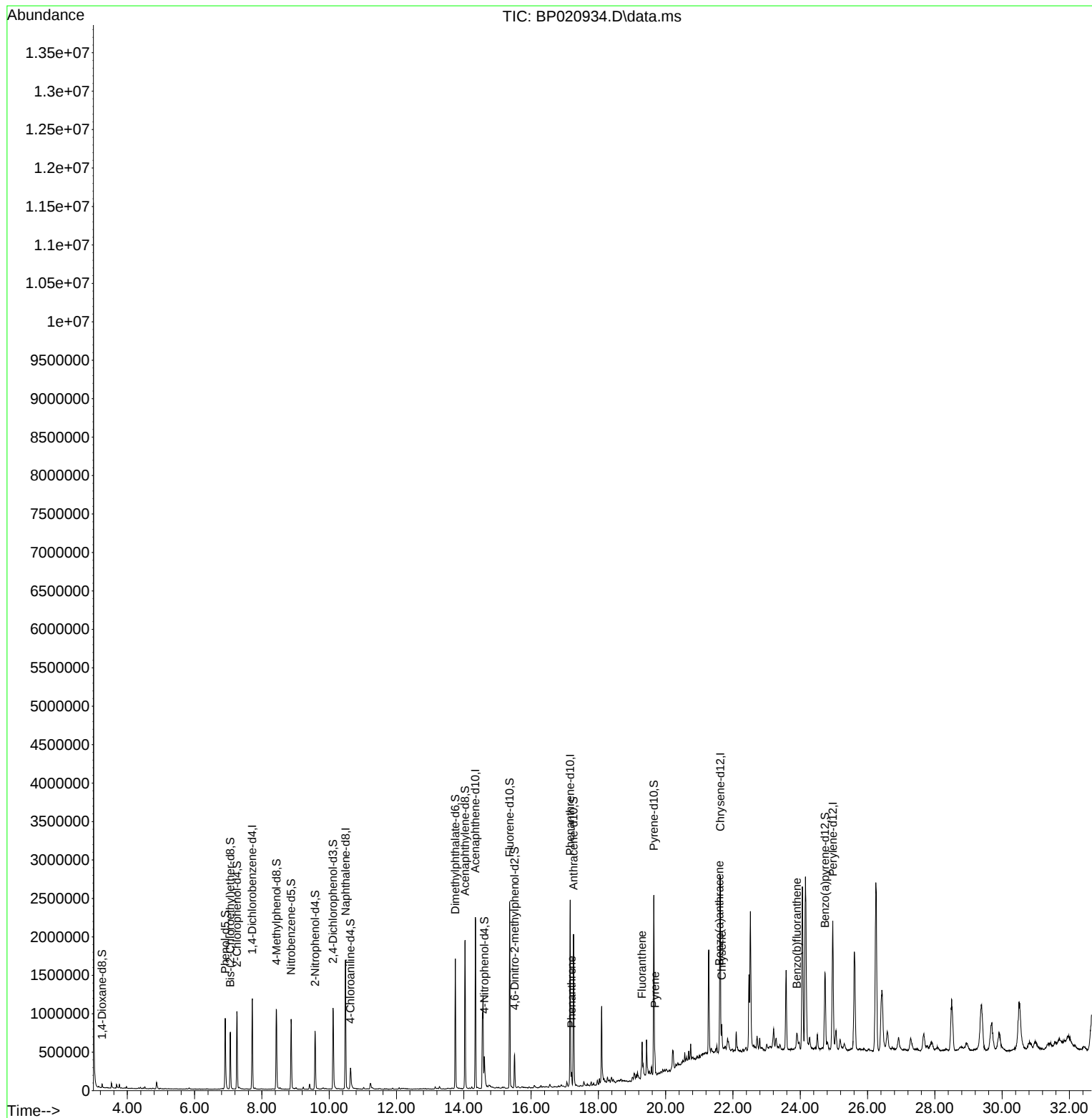
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	338299	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1380223	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	787715	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.163	188	1399638	20.000	ng/u1	-0.02
79) Chrysene-d12	21.621	240	1390150	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1644493	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22352	3.007	ng/uL	0.00
4) Pyridine-d5	3.681	84	19800	0.920	ng/u1	0.01
7) Phenol-d5	6.910	99	550361	19.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	343544	20.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	464009	20.419	ng/u1	-0.01
15) 4-Methylphenol-d8	8.434	113	437382	19.094	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	222981	20.800	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	258558	21.072	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	429427	19.355	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	209434	7.125	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1171804	20.464	ng/u1	-0.02
49) Acenaphthylene-d8	14.039	160	1339966	20.840	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.616	143	132145	16.220	ng/u1	0.00
60) Fluorene-d10	15.363	176	918137	19.544	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	108013	12.755	ng/u1	0.00
73) Anthracene-d10	17.263	188	1245639	20.038	ng/u1	-0.01
81) Pyrene-d10	19.651	212	1323296	15.397	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.733	264	1046962	12.909	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	102662	1.414	ng/u1	99
80) Fluoranthene	19.298	202	243550	2.347	ng/u1	100
82) Pyrene	19.680	202	187034	1.771	ng/u1	100
85) Benzo(a)anthracene	21.598	228	147739	1.517	ng/u1	98
87) Chrysene	21.669	228	163911	1.811	ng/u1	98
90) Benzo(b)fluoranthene	23.904	252	230283	2.308	ng/u1#	96

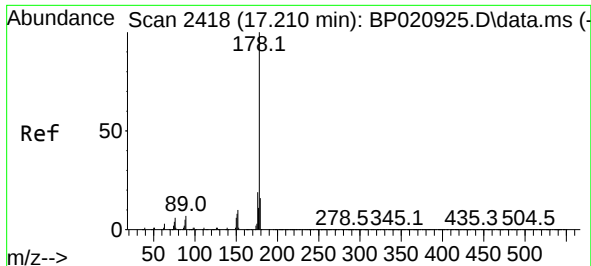
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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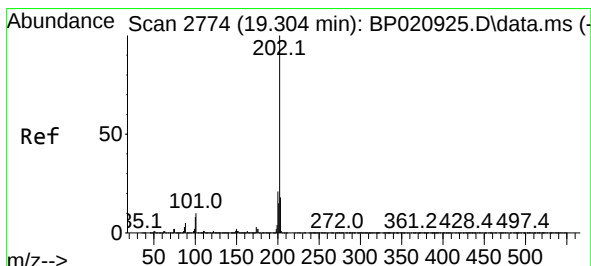
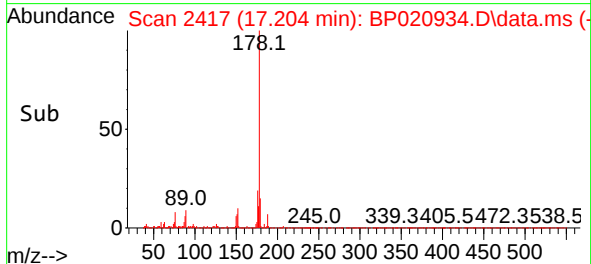
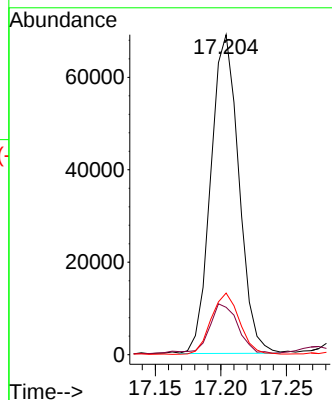
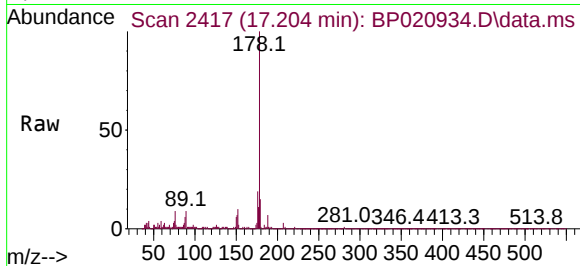




#72
Phenanthrene
Concen: 1.414 ng/ul
RT: 17.204 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BP020934.D
Acq: 12 Jul 2024 14:14

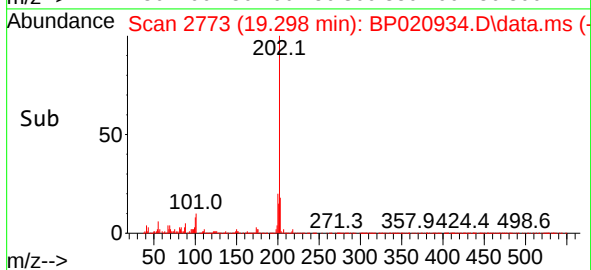
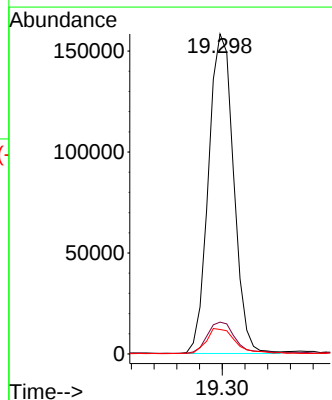
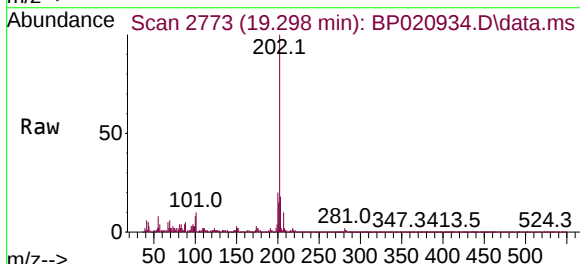
Instrument :
BNA_P
ClientSampleId :
A4CZ5

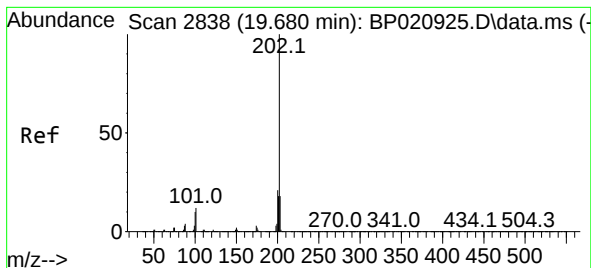
Tgt Ion:178 Resp: 102662
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 19.3 15.0 22.4



#80
Fluoranthene
Concen: 2.347 ng/ul
RT: 19.298 min Scan# 2773
Delta R.T. -0.012 min
Lab File: BP020934.D
Acq: 12 Jul 2024 14:14

Tgt Ion:202 Resp: 243550
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 7.7 6.1 9.1





#82

Pyrene

Concen: 1.771 ng/ul

RT: 19.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020934.D

Acq: 12 Jul 2024 14:14

Instrument :

BNA_P

ClientSampleId :

A4CZ5

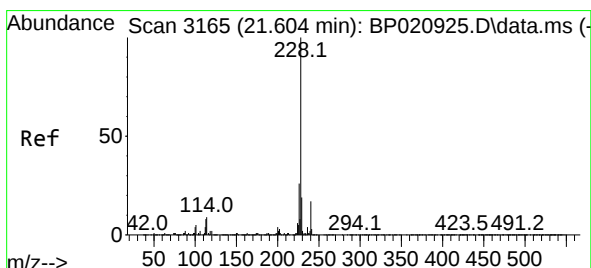
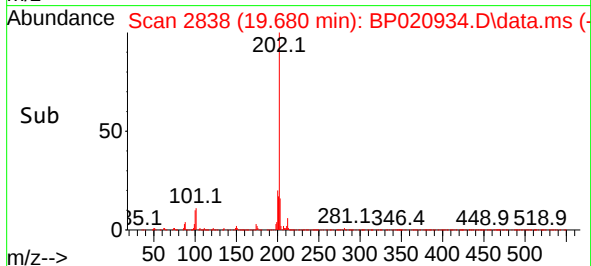
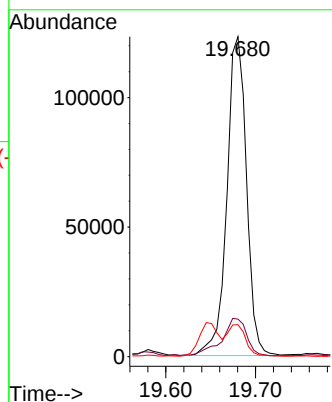
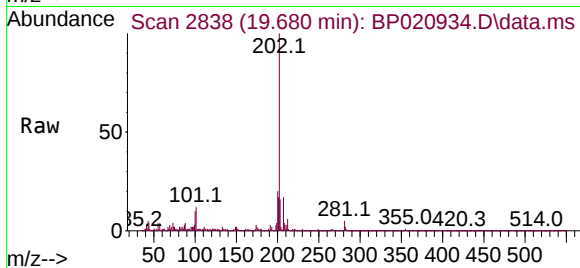
Tgt Ion:202 Resp: 187034

Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

100 10.0 7.8 11.6



#85

Benzo(a)anthracene

Concen: 1.517 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.012 min

Lab File: BP020934.D

Acq: 12 Jul 2024 14:14

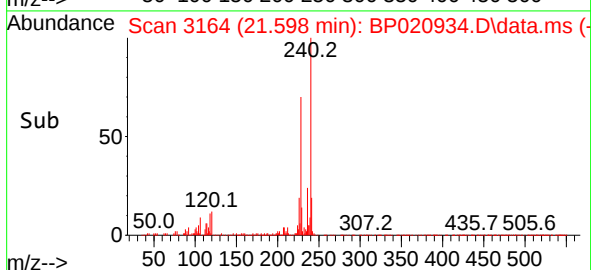
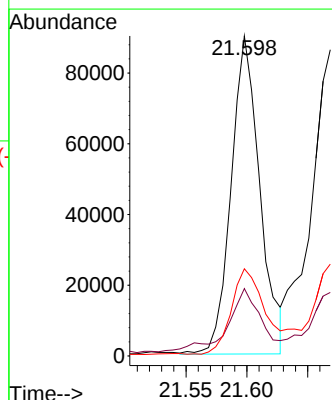
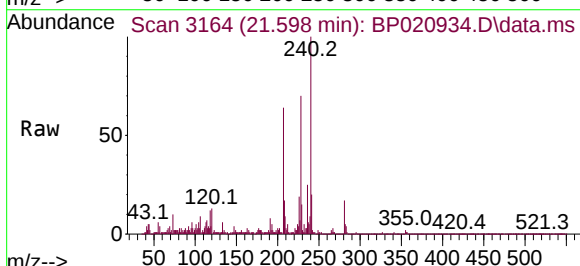
Tgt Ion:228 Resp: 147739

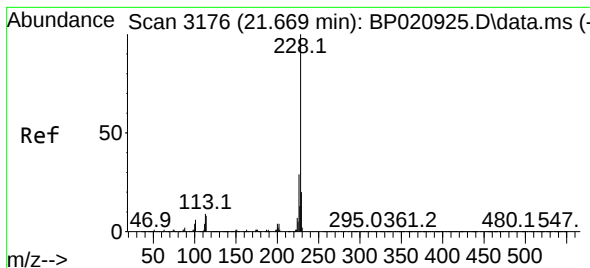
Ion Ratio Lower Upper

228 100

229 21.1 15.5 23.3

226 27.3 21.4 32.2





#87

Chrysene

Concen: 1.811 ng/ul

RT: 21.669 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP020934.D

Acq: 12 Jul 2024 14:14

Instrument :

BNA_P

ClientSampleId :

A4CZ5

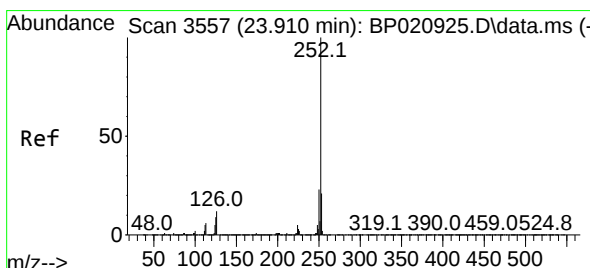
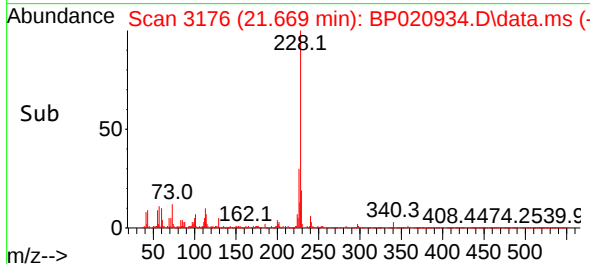
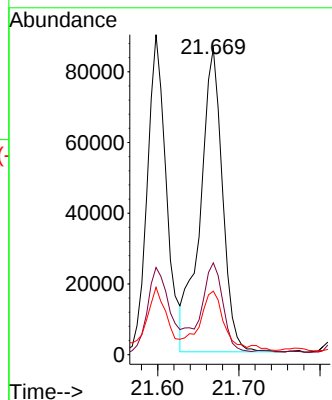
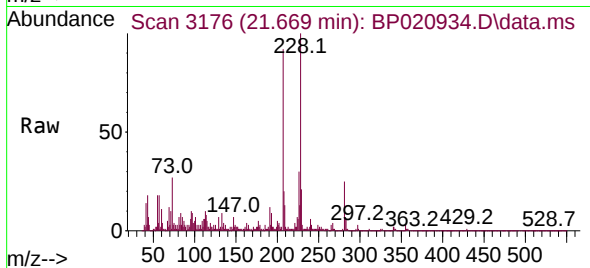
Tgt Ion:228 Resp: 163911

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 20.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.308 ng/ul

RT: 23.904 min Scan# 3556

Delta R.T. -0.018 min

Lab File: BP020934.D

Acq: 12 Jul 2024 14:14

Tgt Ion:252 Resp: 230283

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 11.1 7.0 10.4

