

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014861.D
 Acq On : 27 Apr 2023 02:41
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW935

Quant Time: Apr 27 03:49:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

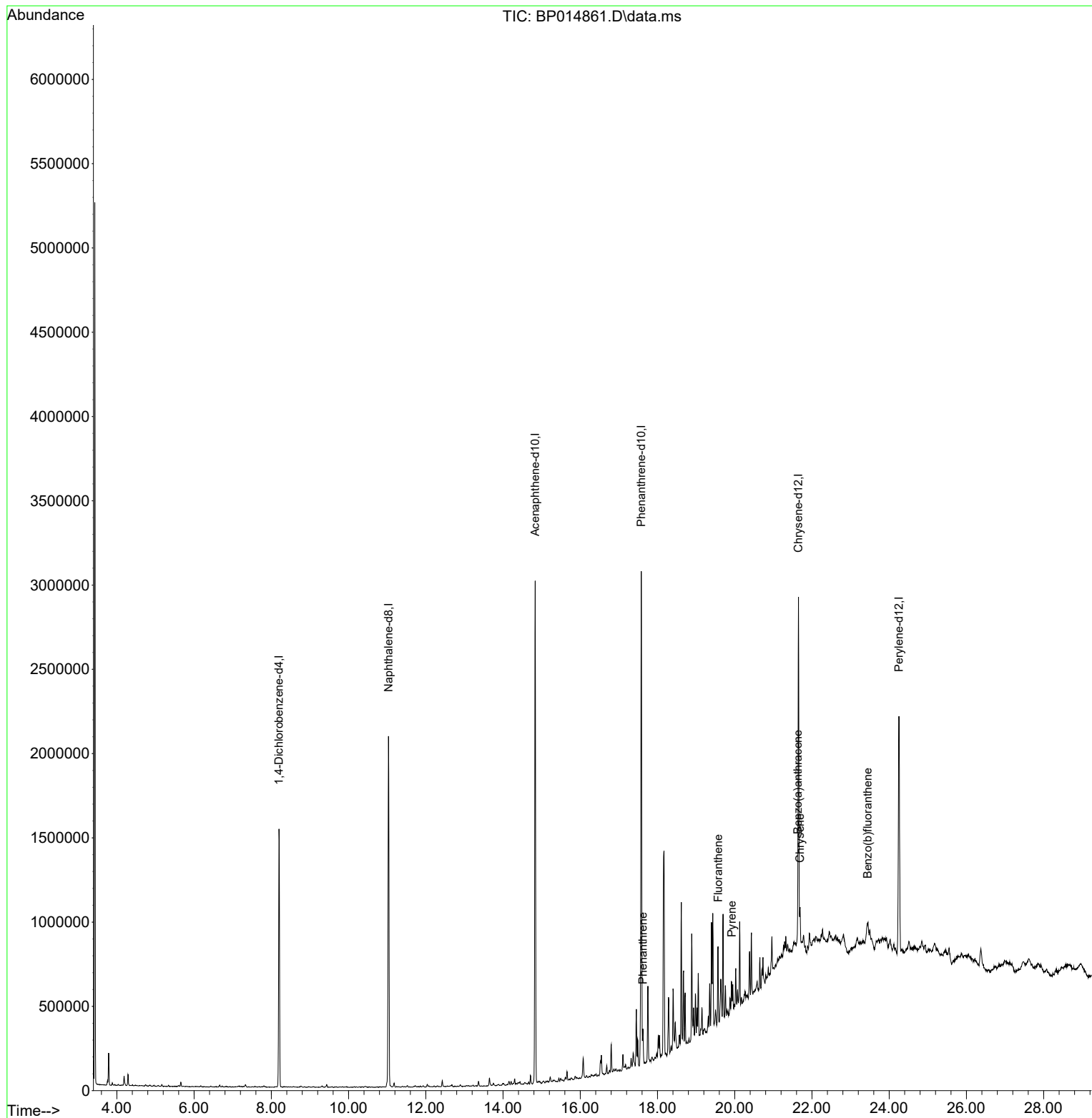
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	414489	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1726065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	998177	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1739393	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	963585	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1169781	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
72) Phenanthrene	17.622	178	118111	1.240	ng/ul	98
80) Fluoranthene	19.569	202	262928	3.808	ng/ul	98
82) Pyrene	19.922	202	104643	1.465	ng/ul	97
85) Benzo(a)anthracene	21.633	228	72415	1.080	ng/ul	96
87) Chrysene	21.692	228	120872	1.902	ng/ul	98
90) Benzo(b)fluoranthene	23.445	252	103174	1.288	ng/ul#	86

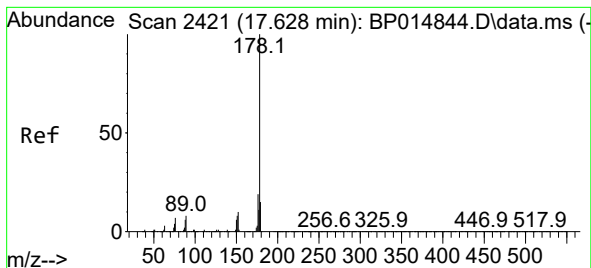
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.240 ng/ul

RT: 17.622 min Scan# 2421

Delta R.T. 0.000 min

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BNA_P

ClientSampleId :

EW935

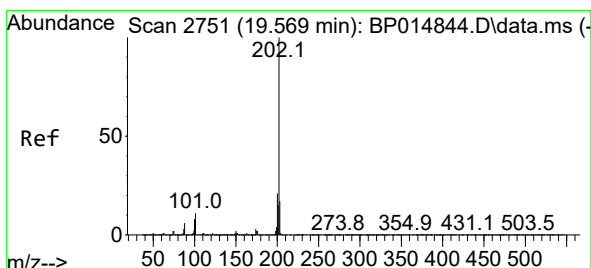
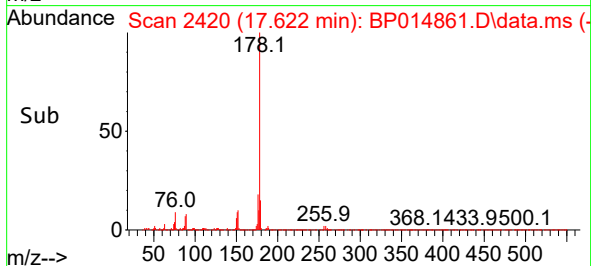
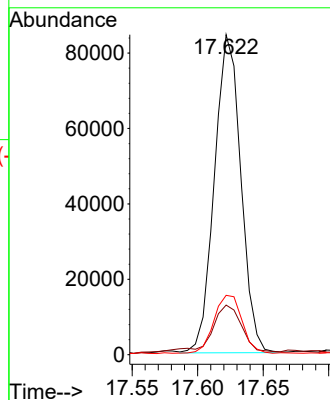
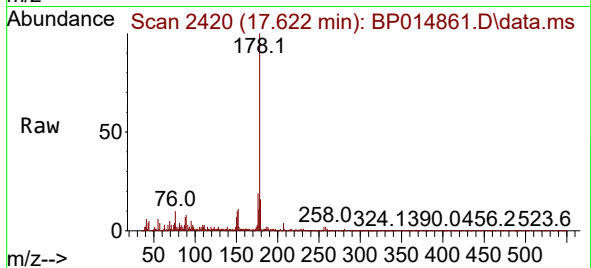
Tgt Ion:178 Resp: 118111

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.5 15.7 23.5



#80

Fluoranthene

Concen: 3.808 ng/ul

RT: 19.569 min Scan# 2751

Delta R.T. 0.000 min

Lab File: BP014861.D

Acq: 27 Apr 2023 02:41

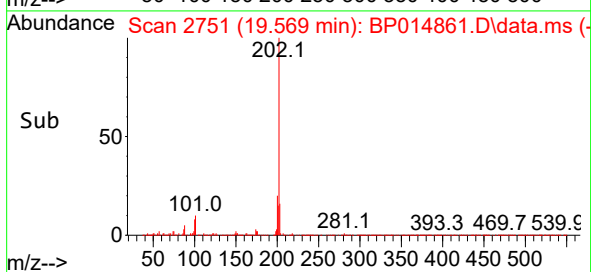
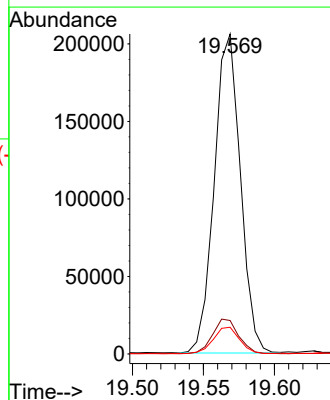
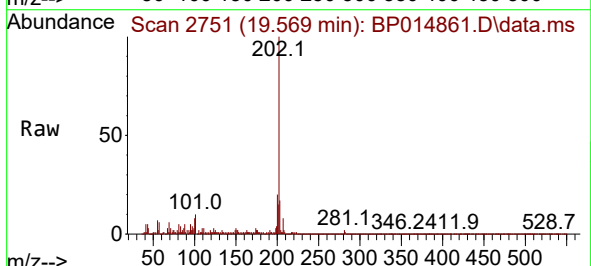
Tgt Ion:202 Resp: 262928

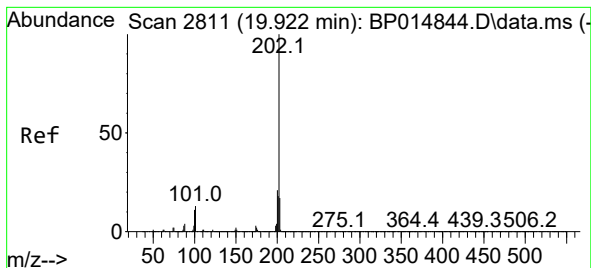
Ion Ratio Lower Upper

202 100

101 10.5 9.1 13.7

100 8.4 7.0 10.4





#82

Pyrene

Concen: 1.465 ng/ul

RT: 19.922 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BP014861.D

Acq: 27 Apr 2023 02:41

Instrument :

BNA_P

ClientSampleId :

EW935

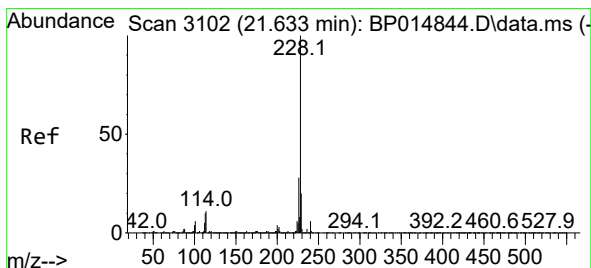
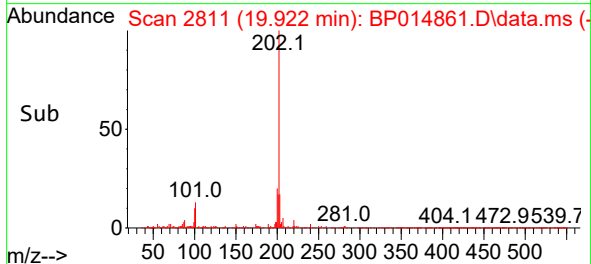
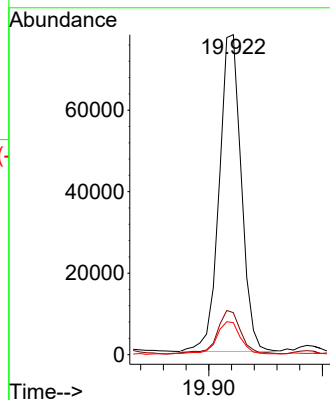
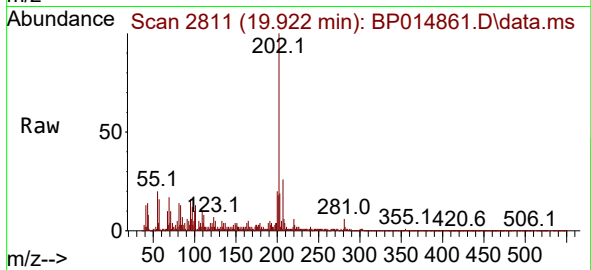
Tgt Ion:202 Resp: 104643

Ion Ratio Lower Upper

202 100

101 13.1 11.1 16.7

100 10.0 9.0 13.6



#85

Benzo(a)anthracene

Concen: 1.080 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. -0.006 min

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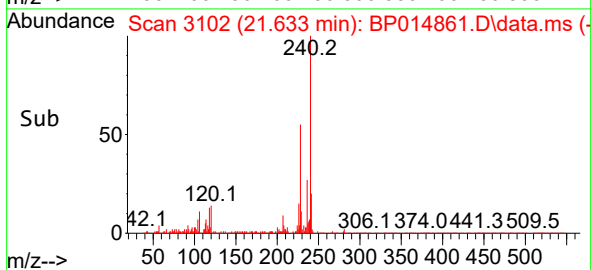
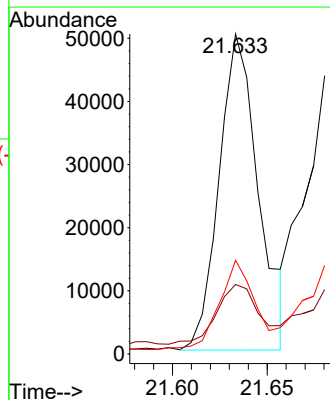
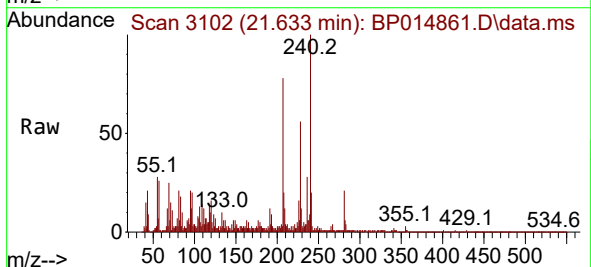
Tgt Ion:228 Resp: 72415

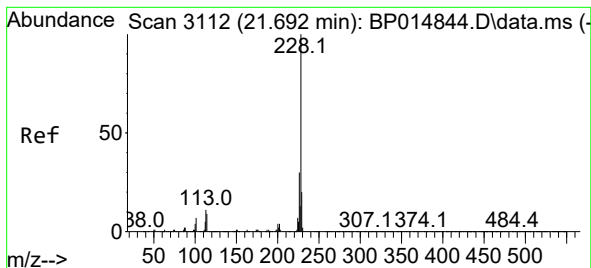
Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

226 29.3 22.0 33.0





#87

Chrysene

Concen: 1.902 ng/ul

RT: 21.692 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP014861.D

Acq: 27 Apr 2023 02:41

Instrument :

BNA_P

ClientSampleId :

EW935

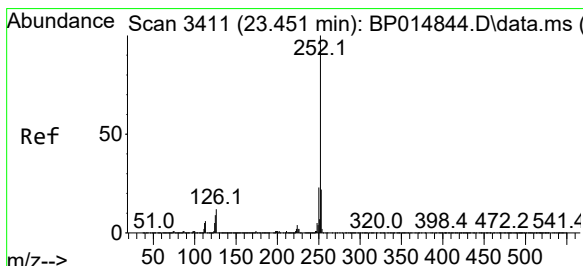
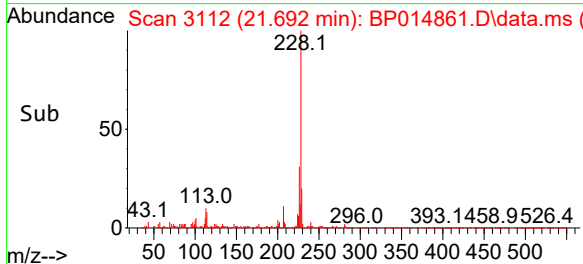
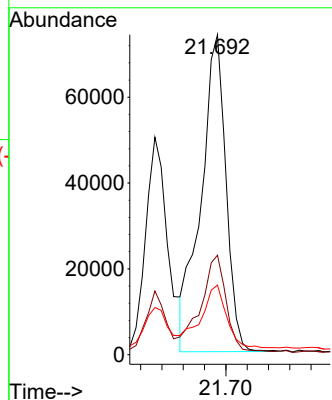
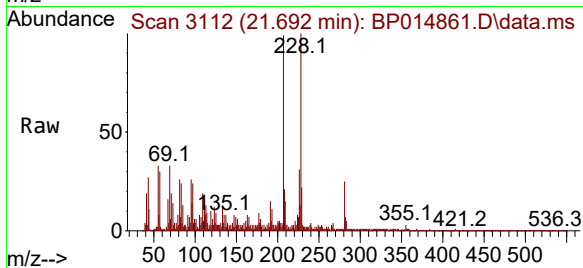
Tgt Ion:228 Resp: 120872

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

229 21.8 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 1.288 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BP014861.D

Acq: 27 Apr 2023 02:41

Tgt Ion:252 Resp: 103174

Ion Ratio Lower Upper

252 100

253 25.6 17.2 25.8

125 19.1 7.8 11.8#

