

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019433.D
 Acq On : 23 Jan 2024 22:57
 Operator : MA/JU
 Sample : P1158-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC8

Quant Time: Jan 24 00:29:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

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

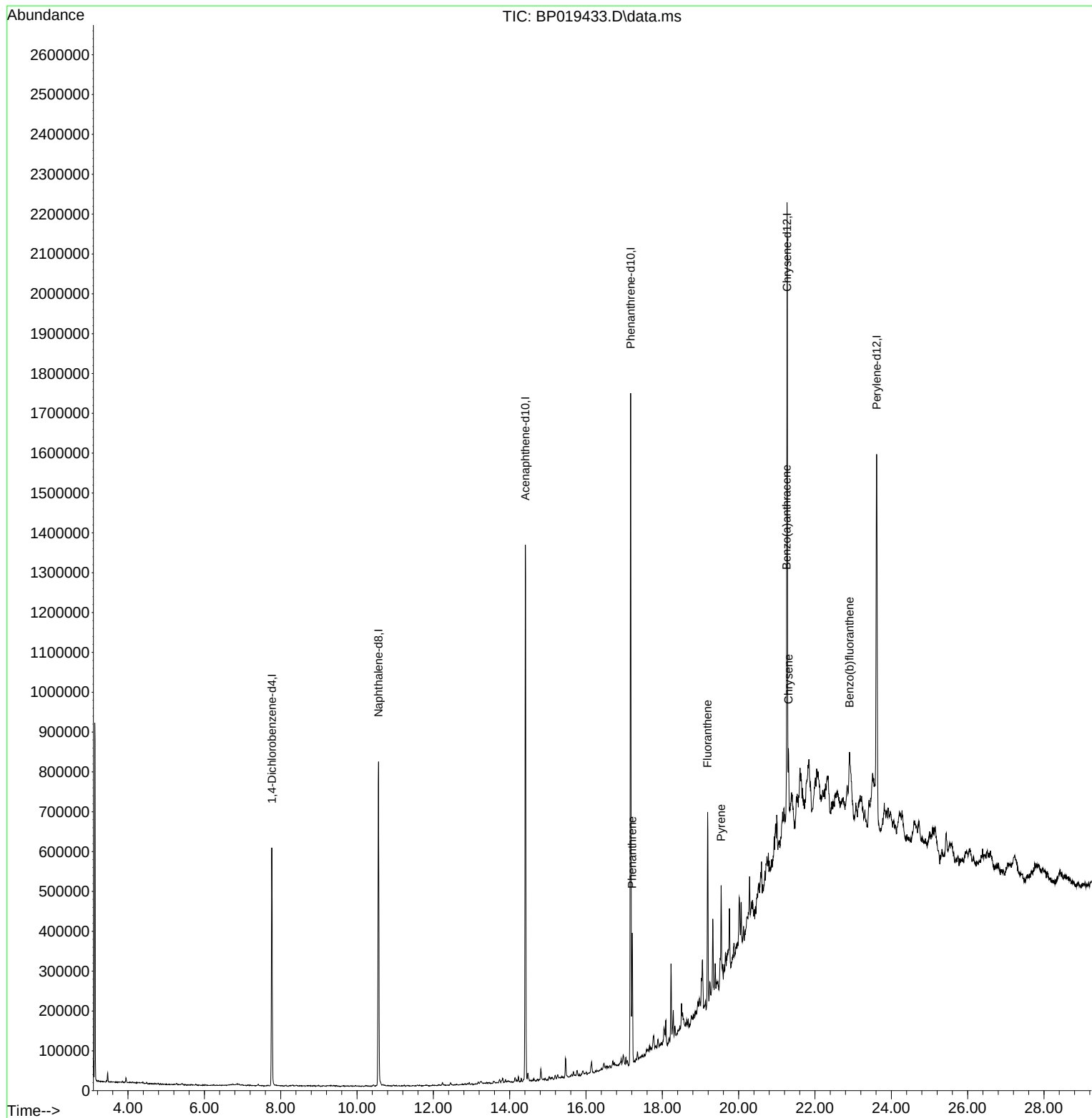
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	160879	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	623781	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	450225	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1008355	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	733339	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	773689	20.000	ng/u1	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/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	192069	3.391	ng/u1	98
80) Fluoranthene	19.186	202	303091	5.362	ng/u1	99
82) Pyrene	19.539	202	157427	2.744	ng/u1	97
85) Benzo(a)anthracene	21.257	228	93592	1.639	ng/u1	99
87) Chrysene	21.304	228	108827	2.085	ng/u1	98
90) Benzo(b)fluoranthene	22.904	252	93849	1.697	ng/u1#	89

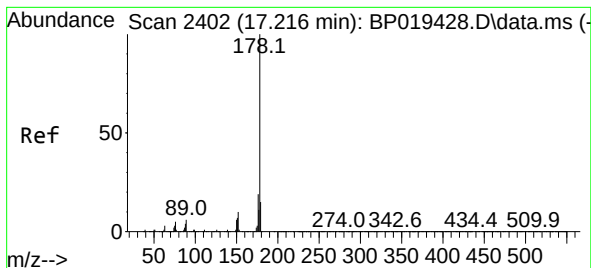
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 3.391 ng/ul

RT: 17.210 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BP019433.D

Acq: 23 Jan 2024 22:57

Instrument :

BNA_P

ClientSampleId :

C0AC8

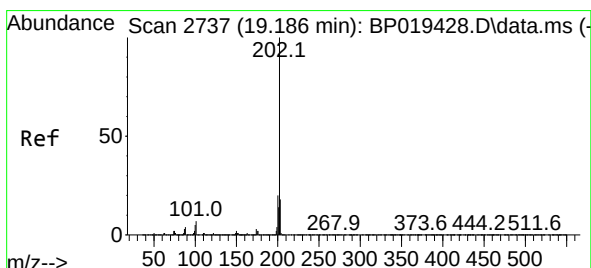
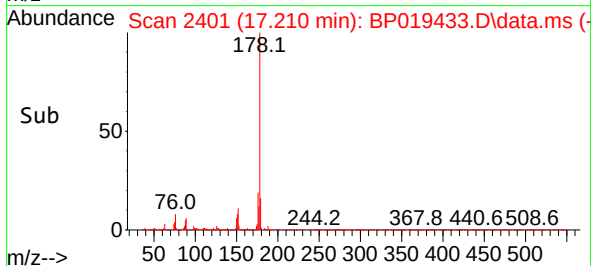
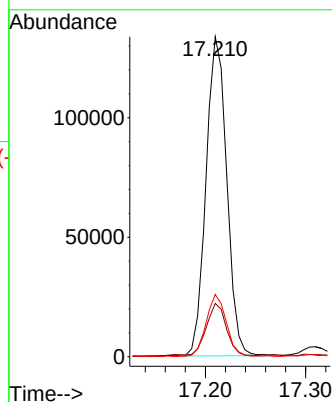
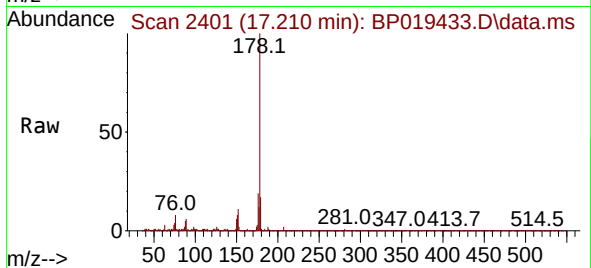
Tgt Ion:178 Resp: 192069

Ion Ratio Lower Upper

178 100

179 16.7 12.1 18.1

176 19.5 15.4 23.2



#80

Fluoranthene

Concen: 5.362 ng/ul

RT: 19.186 min Scan# 2737

Delta R.T. -0.006 min

Lab File: BP019433.D

Acq: 23 Jan 2024 22:57

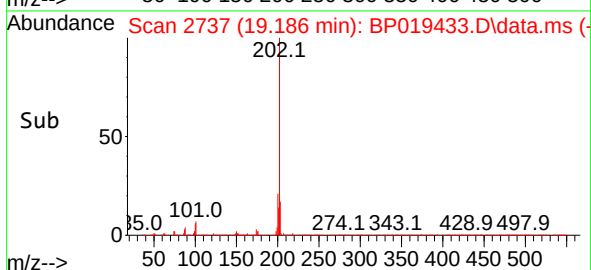
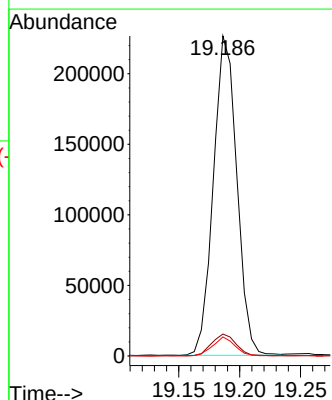
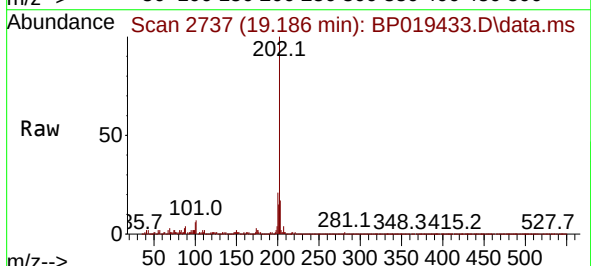
Tgt Ion:202 Resp: 303091

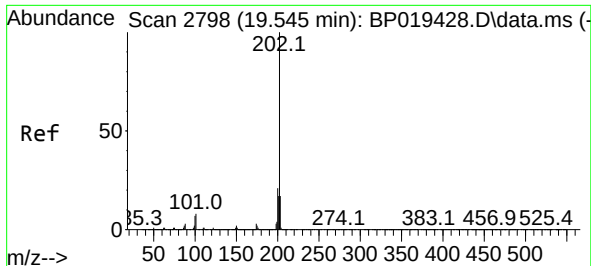
Ion Ratio Lower Upper

202 100

101 6.9 5.9 8.9

100 6.0 4.6 7.0

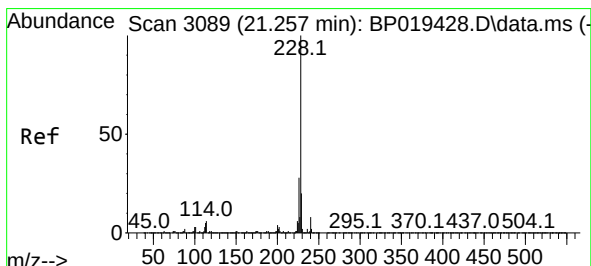
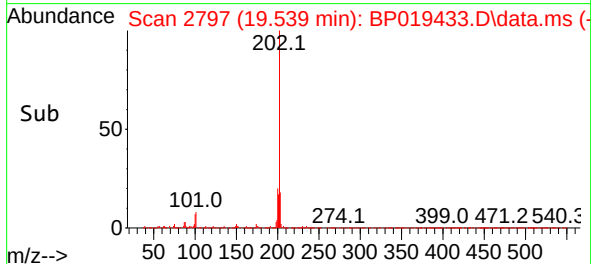
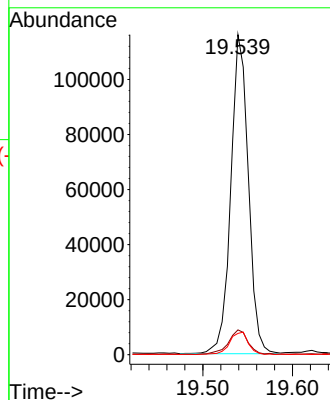
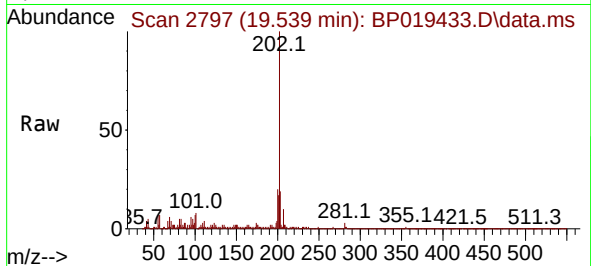




#82
 Pyrene
 Concen: 2.744 ng/ul
 RT: 19.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019433.D
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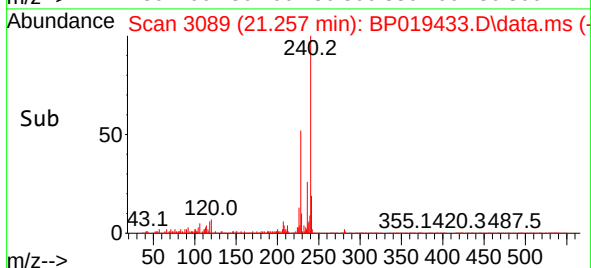
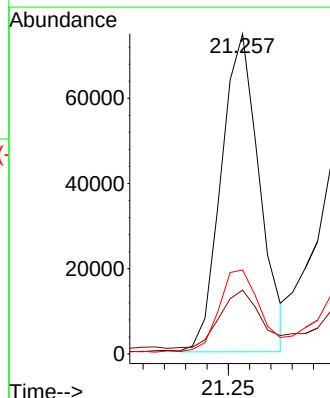
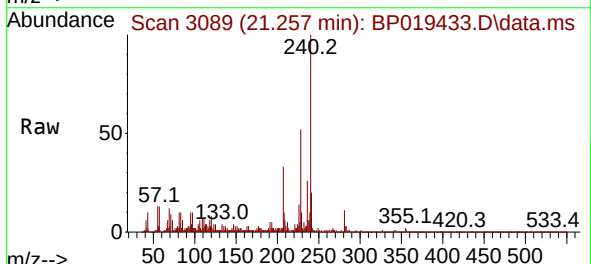
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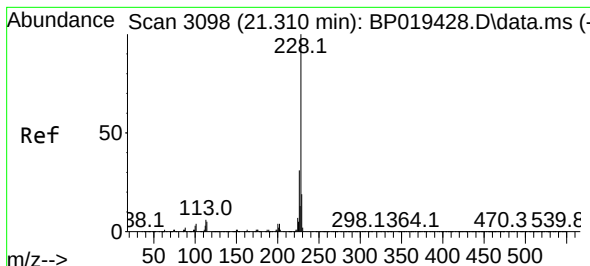
Tgt Ion:202 Resp: 157427
 Ion Ratio Lower Upper
 202 100
 101 7.7 7.2 10.8
 100 6.6 5.8 8.6



#85
 Benzo(a)anthracene
 Concen: 1.639 ng/ul
 RT: 21.257 min Scan# 3089
 Delta R.T. -0.006 min
 Lab File: BP019433.D
 Acq: 23 Jan 2024 22:57

Tgt Ion:228 Resp: 93592
 Ion Ratio Lower Upper
 228 100
 229 20.0 15.8 23.6
 226 26.2 21.6 32.4





#87

Chrysene

Concen: 2.085 ng/ul

RT: 21.304 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BP019433.D

Acq: 23 Jan 2024 22:57

Instrument :

BNA_P

ClientSampleId :

C0AC8

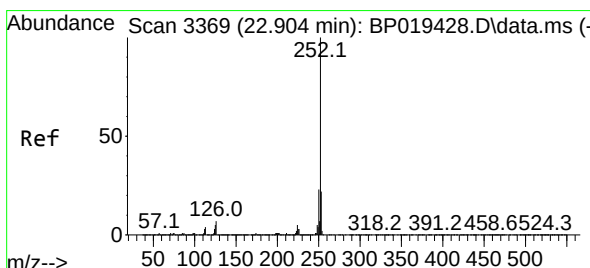
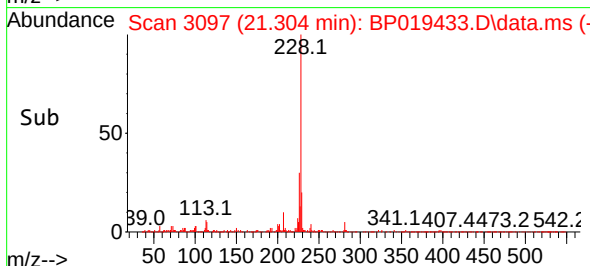
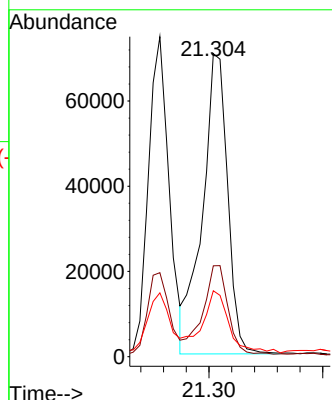
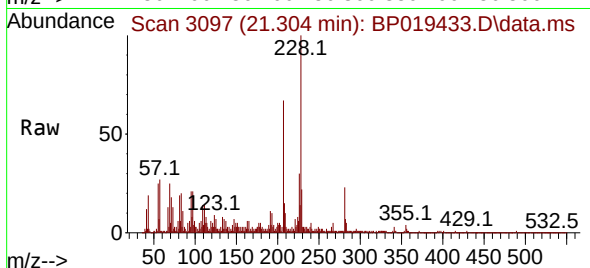
Tgt Ion:228 Resp: 108827

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.697 ng/ul

RT: 22.904 min Scan# 3369

Delta R.T. -0.006 min

Lab File: BP019433.D

Acq: 23 Jan 2024 22:57

Tgt Ion:252 Resp: 93849

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

125 16.6 4.9 7.3#

