

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020994.D
 Acq On : 16 Jul 2024 17:16
 Operator : MA/JU
 Sample : P3178-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT8

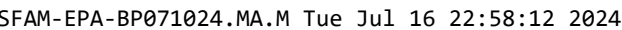
Quant Time: Jul 16 22:58:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

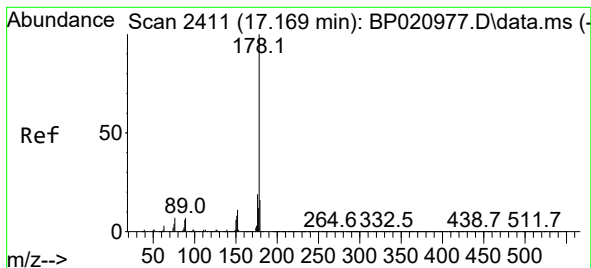
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	233993	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	874551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	480503	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	963882	20.000	ng/ul	0.01
79) Chrysene-d12	21.557	240	991628	20.000	ng/ul	0.00
88) Perylene-d12	24.868	264	1193064	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	21035	4.091	ng/uL	0.00
4) Pyridine-d5	3.646	84	174	0.012	ng/ul	0.00
7) Phenol-d5	6.893	99	453069	23.750	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	289893	25.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	395165	25.141	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	366580	23.137	ng/ul	0.01
21) Nitrobenzene-d5	8.840	128	185591	27.322	ng/ul	0.01
24) 2-Nitrophenol-d4	9.551	143	205220	26.396	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	349118	24.833	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	254354	13.657	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	947203	27.117	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1069815	27.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	112607	22.658	ng/ul	0.01
60) Fluorene-d10	15.328	176	796520	27.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	116019	19.894	ng/ul	0.00
73) Anthracene-d10	17.228	188	1180786	27.581	ng/ul	0.00
81) Pyrene-d10	19.604	212	1107101	18.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	831556	14.132	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.175	178	99794	1.996	ng/ul	98
74) Anthracene	17.175	178	99887	1.960	ng/ul	98
80) Fluoranthene	19.257	202	246990	3.336	ng/ul	99
82) Pyrene	19.639	202	154509	2.051	ng/ul	99
85) Benzo(a)anthracene	21.539	228	130848	1.884	ng/ul	97
87) Chrysene	21.604	228	154115	2.388	ng/ul	98
90) Benzo(b)fluoranthene	23.810	252	112671	1.556	ng/ul#	91
91) Benzo(k)fluoranthene	23.880	252	74124	1.026	ng/ul#	89

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

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#72

Phenanthrene

Concen: 1.996 ng/ul

RT: 17.175 min Scan# 2412

Delta R.T. 0.012 min

Lab File: BP020994.D

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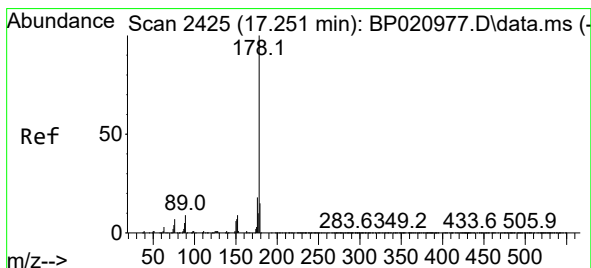
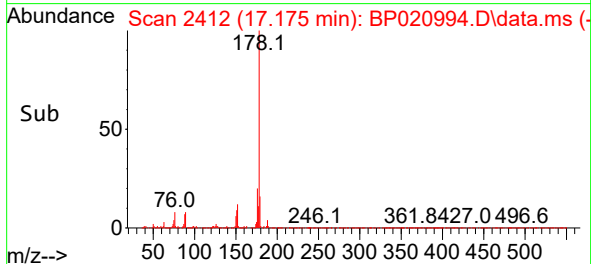
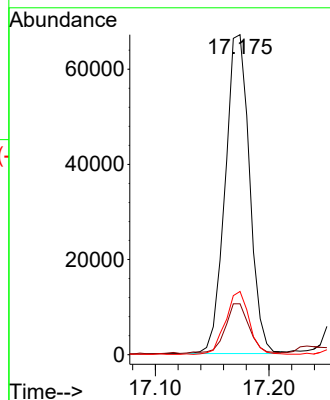
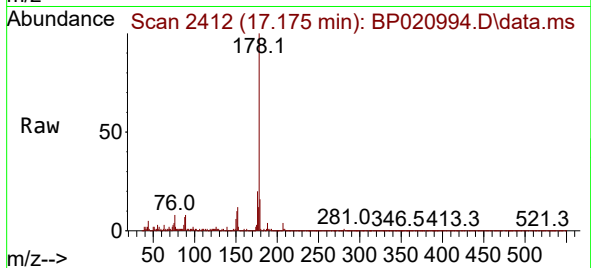
Tgt Ion:178 Resp: 99794

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 19.8 15.0 22.4



#74

Anthracene

Concen: 1.960 ng/ul

RT: 17.175 min Scan# 2412

Delta R.T. -0.083 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

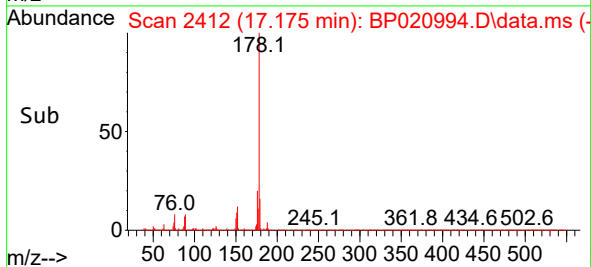
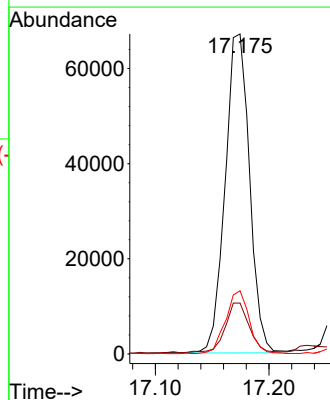
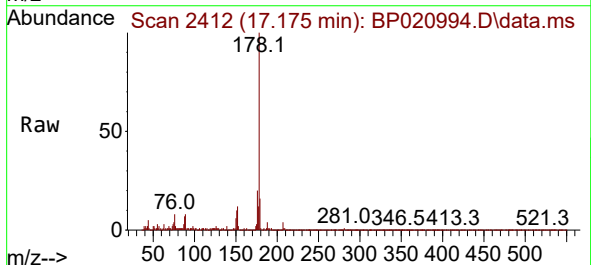
Tgt Ion:178 Resp: 99887

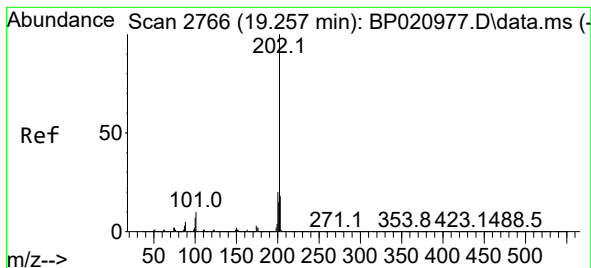
Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.8 14.8 22.2





#80

Fluoranthene

Concen: 3.336 ng/ul

RT: 19.257 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

Instrument :

BNA_P

ClientSampleId :

A4BT8

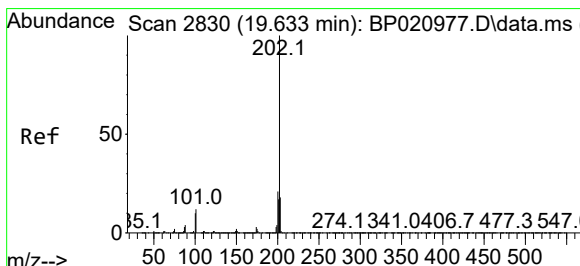
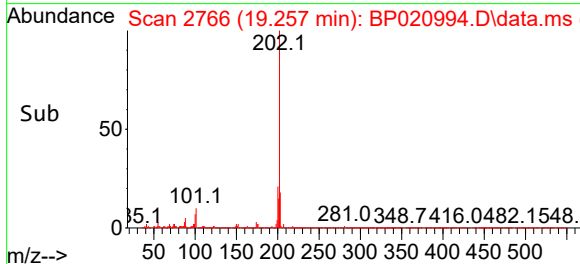
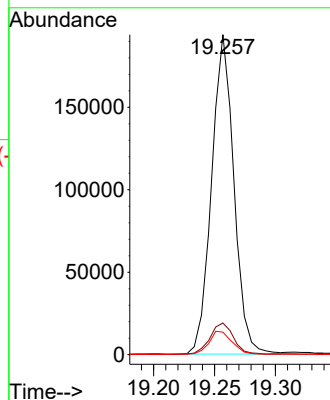
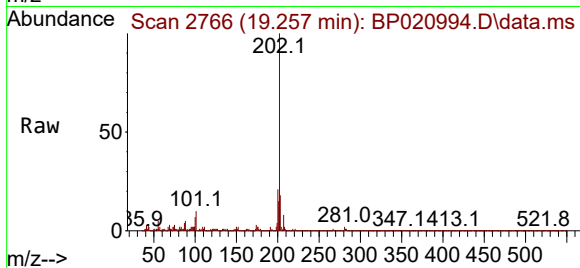
Tgt Ion:202 Resp: 246990

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

100 7.0 6.1 9.1



#82

Pyrene

Concen: 2.051 ng/ul

RT: 19.639 min Scan# 2831

Delta R.T. 0.012 min

Lab File: BP020994.D

Acq: 16 Jul 2024 17:16

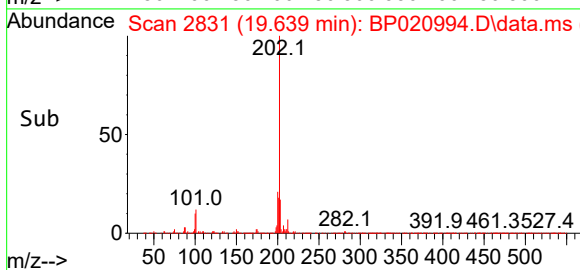
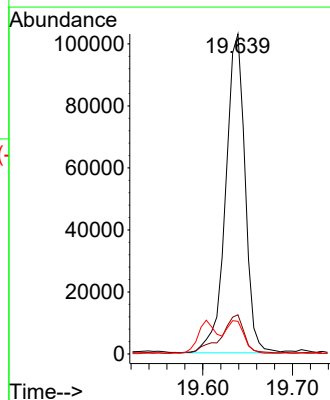
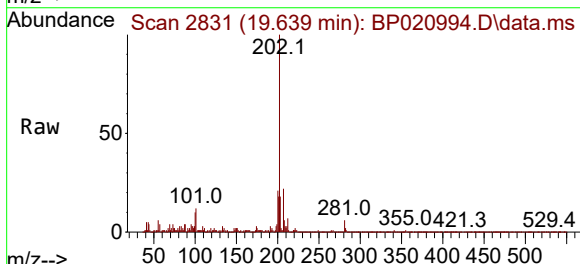
Tgt Ion:202 Resp: 154509

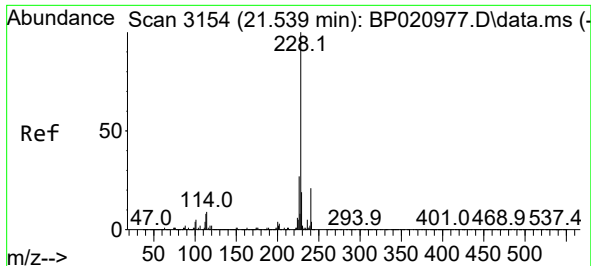
Ion Ratio Lower Upper

202 100

101 12.2 9.4 14.2

100 10.2 7.8 11.6

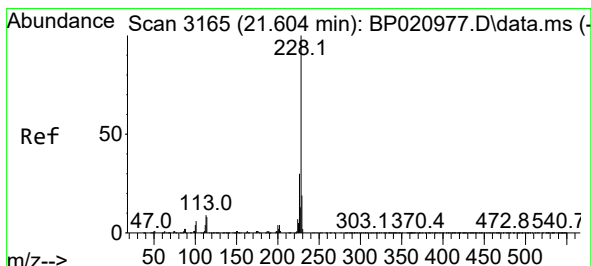
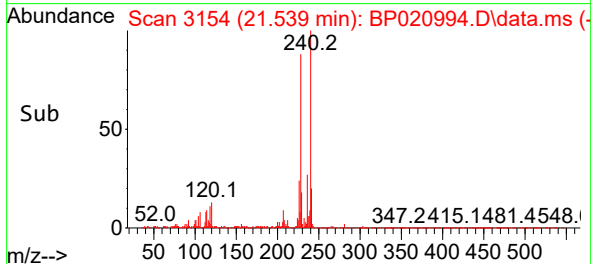
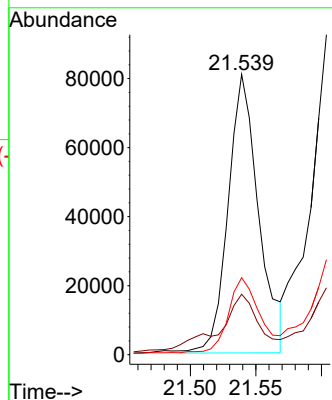
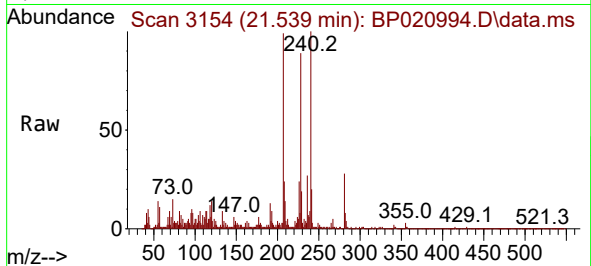




#85
Benzo(a)anthracene
Concen: 1.884 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP020994.D
Acq: 16 Jul 2024 17:16

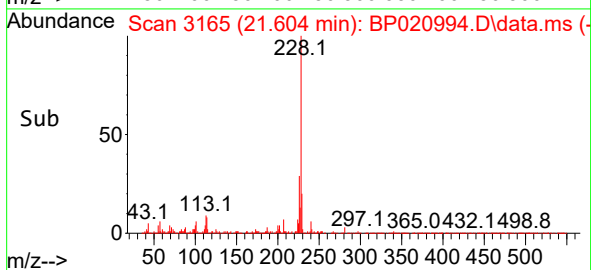
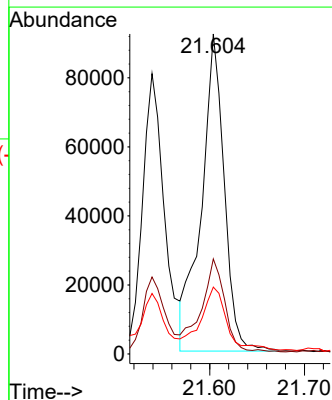
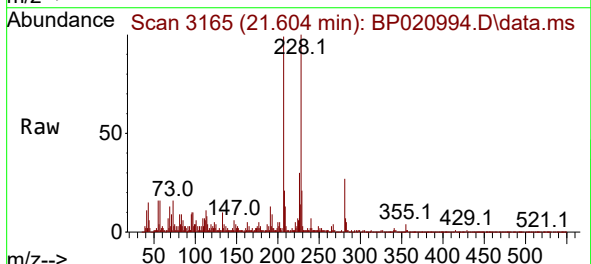
Instrument :
BNA_P
ClientSampleId :
A4BT8

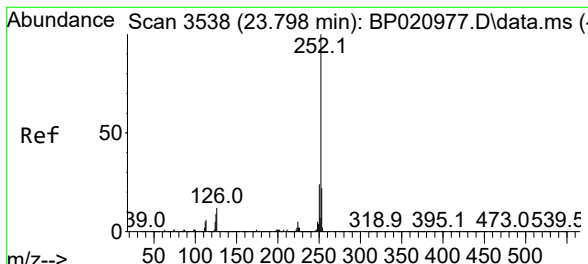
Tgt Ion:228 Resp: 130848
Ion Ratio Lower Upper
228 100
229 21.6 15.5 23.3
226 27.5 21.4 32.2



#87
Chrysene
Concen: 2.388 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020994.D
Acq: 16 Jul 2024 17:16

Tgt Ion:228 Resp: 154115
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 20.9 15.5 23.3

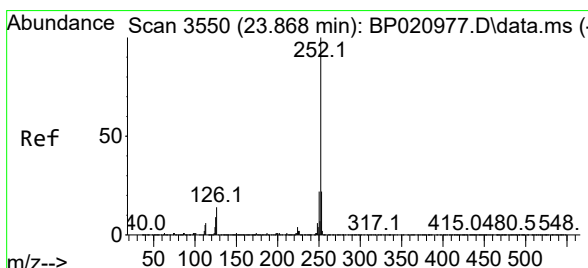
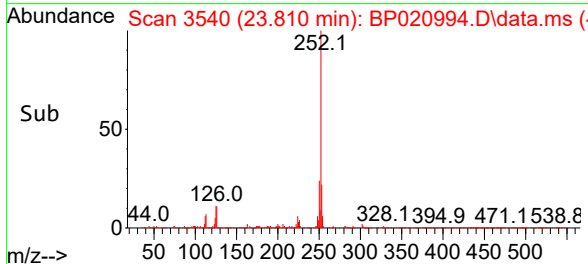
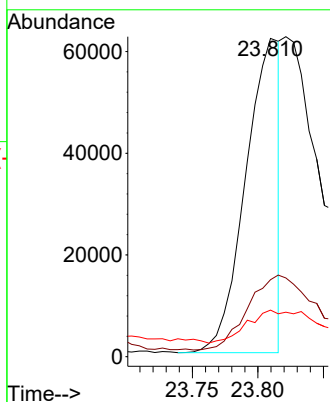
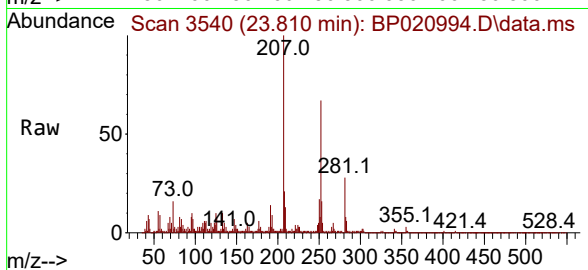




#90
Benzo(b)fluoranthene
Concen: 1.556 ng/ul
RT: 23.810 min Scan# 3540
Delta R.T. 0.029 min
Lab File: BP020994.D
Acq: 16 Jul 2024 17:16

Instrument :
BNA_P
ClientSampleId :
A4BT8

Tgt Ion:252 Resp: 112671
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 14.6 7.0 10.4#



#91
Benzo(k)fluoranthene
Concen: 1.026 ng/ul
RT: 23.880 min Scan# 3552
Delta R.T. 0.029 min
Lab File: BP020994.D
Acq: 16 Jul 2024 17:16

Tgt Ion:252 Resp: 74124
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 17.2 7.4 11.0#

