

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020861.D
 Acq On : 09 Jul 2024 12:35
 Operator : MA/JU
 Sample : P3035-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX3

Quant Time: Jul 09 22:55:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

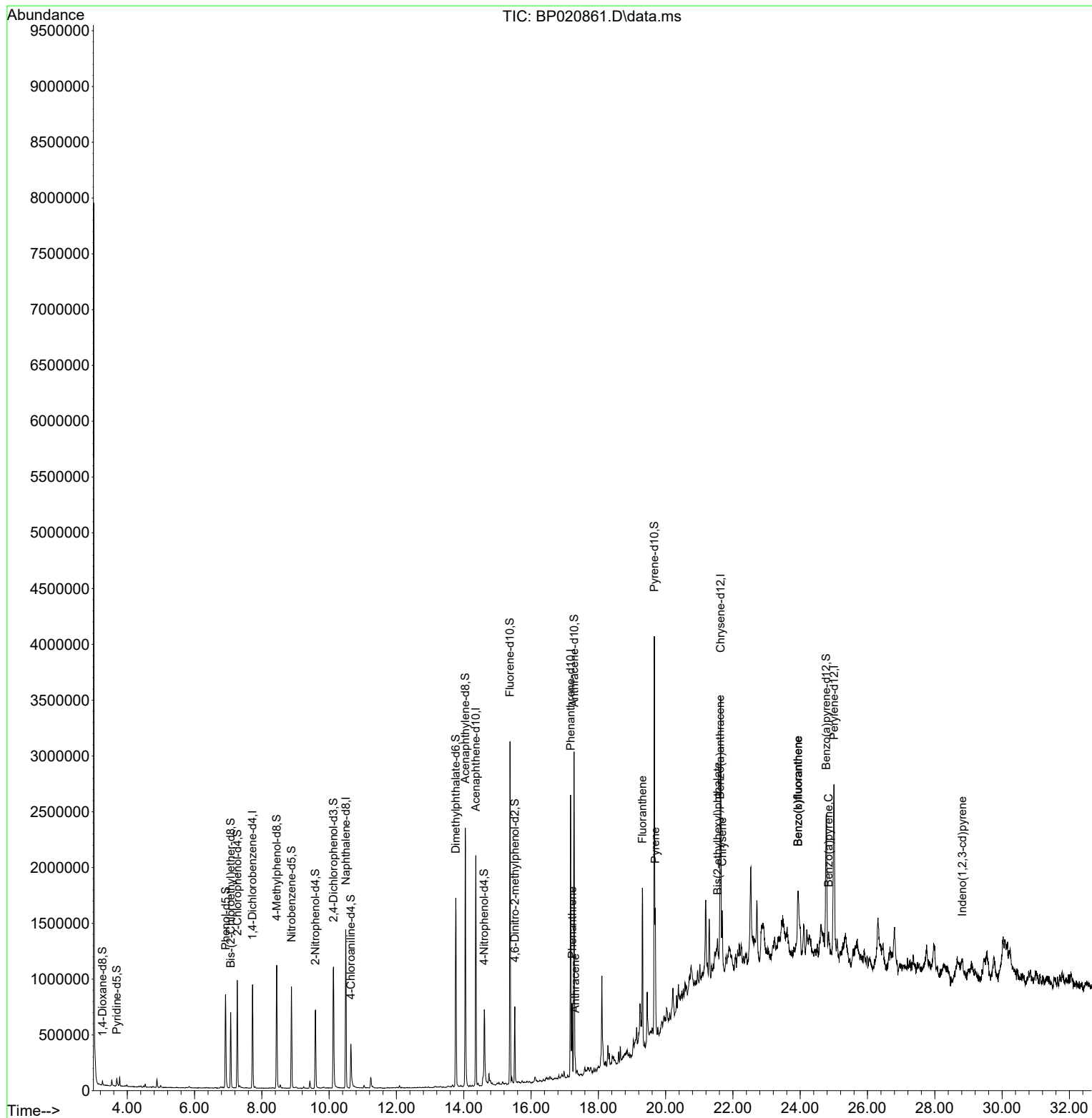
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	272976	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.493	136	1110438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	726368	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1454621	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	1293645	20.000	ng/ul	0.01
88) Perylene-d12	25.004	264	1520243	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17758	2.793	ng/uL	0.00
4) Pyridine-d5	3.687	84	34359	1.855	ng/ul	0.00
7) Phenol-d5	6.922	99	525563	23.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	300470	21.169	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	431757	23.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	440180	24.207	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	212652	25.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	247989	30.227	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	454439	26.890	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	242541	10.241	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1374196	27.210	ng/ul	0.00
49) Acenaphthylene-d8	14.046	160	1506547	24.999	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	212100	27.487	ng/ul	0.03
60) Fluorene-d10	15.375	176	1163795	27.384	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	152086	20.747	ng/ul	0.02
73) Anthracene-d10	17.281	188	1785247	27.346	ng/ul	0.02
81) Pyrene-d10	19.663	212	1831726	23.569	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.774	264	1426195	19.286	ng/ul	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.222	178	426079	5.594	ng/ul	100
74) Anthracene	17.310	178	82132	1.048	ng/ul	99
80) Fluoranthene	19.310	202	862257	9.083	ng/ul	99
82) Pyrene	19.692	202	682217	7.007	ng/ul	99
85) Benzo(a)anthracene	21.616	228	379622	4.187	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.545	149	62369	1.111	ng/ul#	94
87) Chrysene	21.680	228	435207	5.078	ng/ul	96
90) Benzo(b)fluoranthene	23.933	252	580155	6.299	ng/ul#	93
91) Benzo(k)fluoranthene	23.933	252	580155	6.227	ng/ul#	93
93) Benzo(a)pyrene	24.845	252	223691	2.573	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.815	276	220680	1.979	ng/ul	94

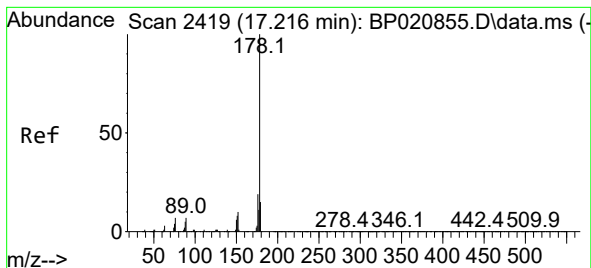
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.594 ng/ul

RT: 17.222 min Scan# 2419

Delta R.T. 0.018 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3

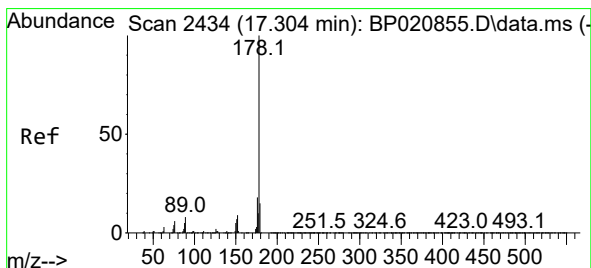
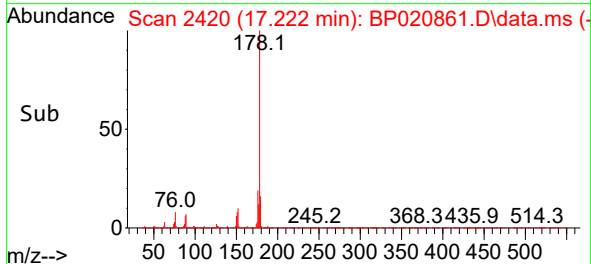
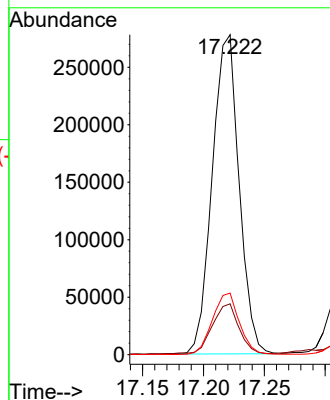
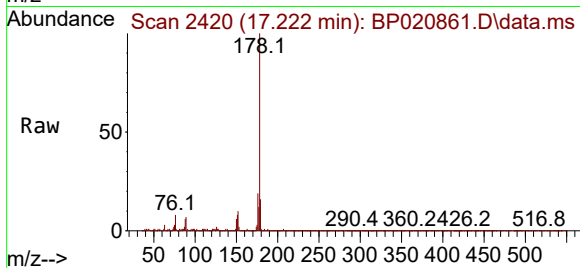
Tgt Ion:178 Resp: 426079

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.3 15.4 23.2



#74

Anthracene

Concen: 1.048 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.012 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

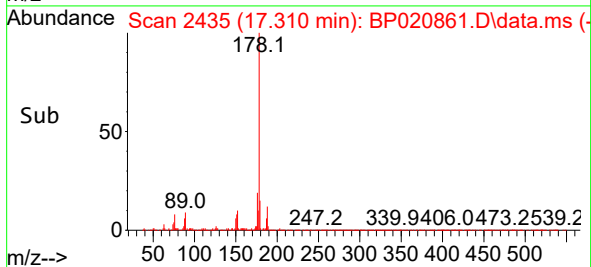
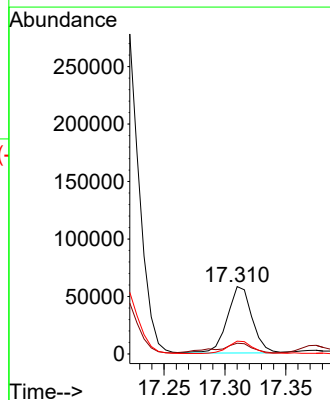
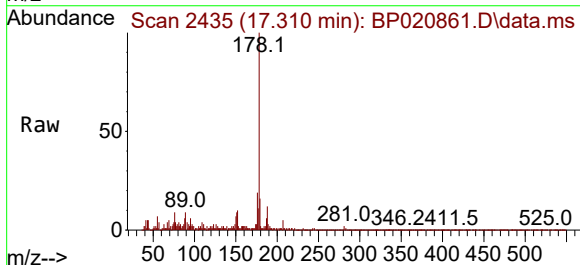
Tgt Ion:178 Resp: 82132

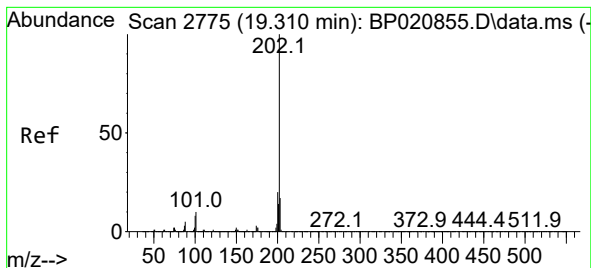
Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

176 18.9 15.0 22.4

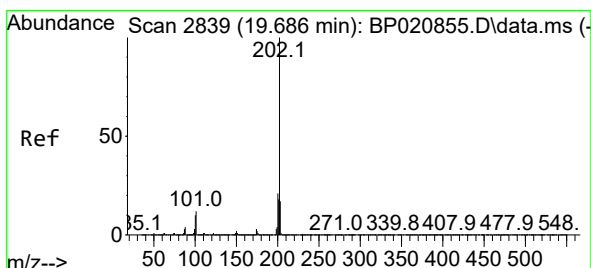
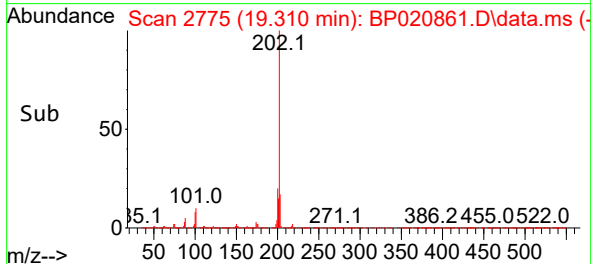
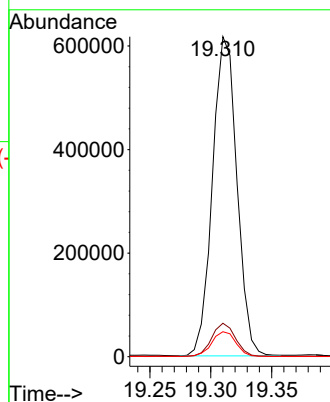
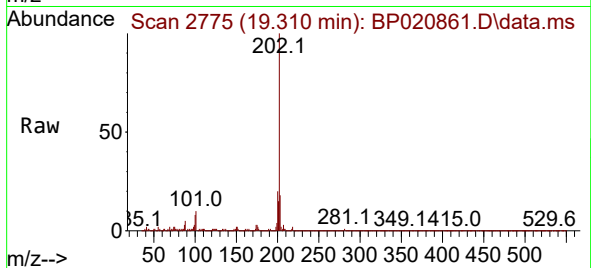




#80
Fluoranthene
Concen: 9.083 ng/ul
RT: 19.310 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

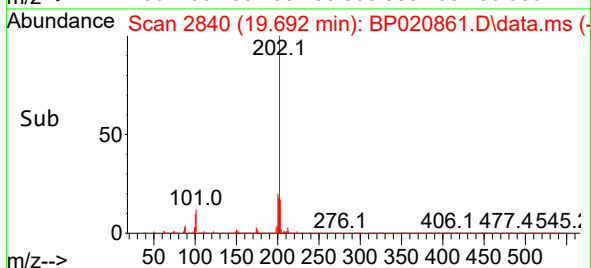
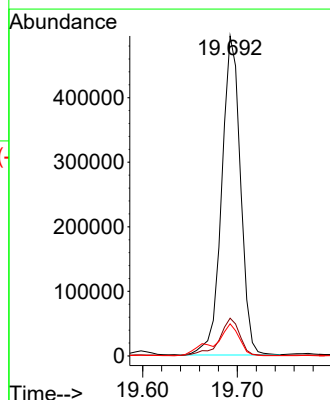
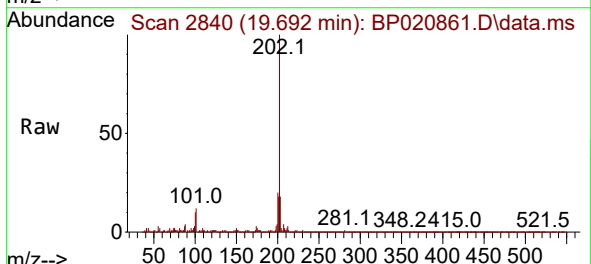
Instrument :
BNA_P
ClientSampleId :
A4CX3

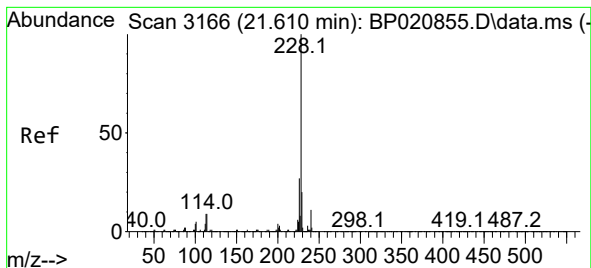
Tgt Ion:202 Resp: 862257
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 7.8 6.6 10.0



#82
Pyrene
Concen: 7.007 ng/ul
RT: 19.692 min Scan# 2840
Delta R.T. 0.012 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

Tgt Ion:202 Resp: 682217
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 10.1 7.9 11.9





#85

Benzo(a)anthracene

Concen: 4.187 ng/ul

RT: 21.616 min Scan# 3166

Delta R.T. 0.018 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3

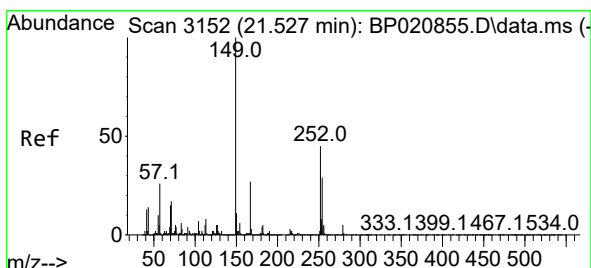
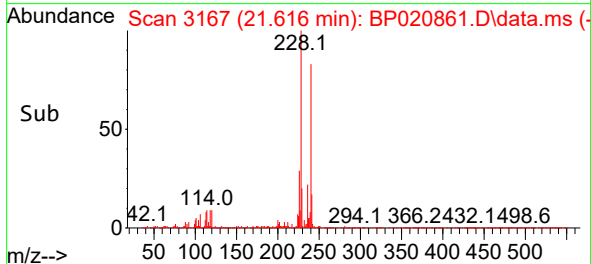
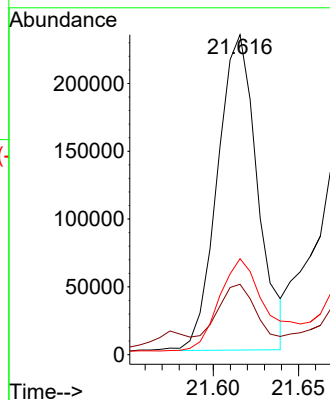
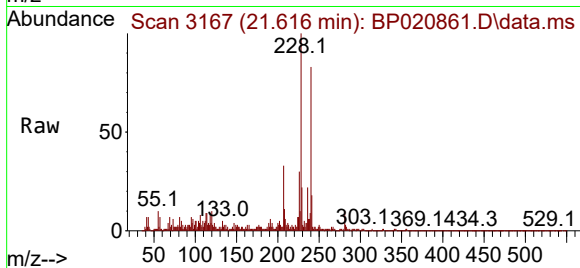
Tgt Ion:228 Resp: 379622

Ion Ratio Lower Upper

228 100

229 22.0 15.2 22.8

226 30.0 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.111 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

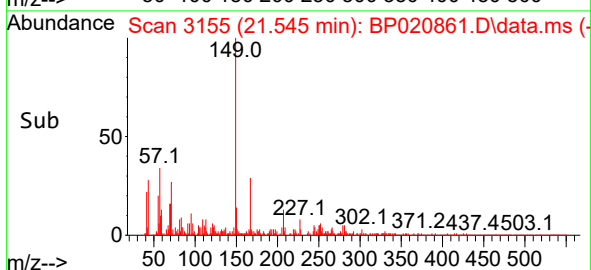
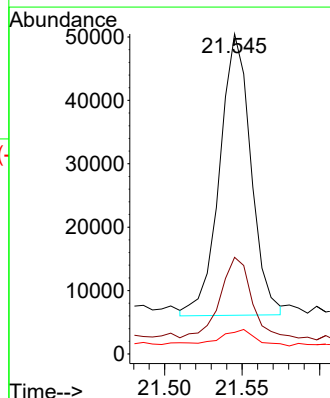
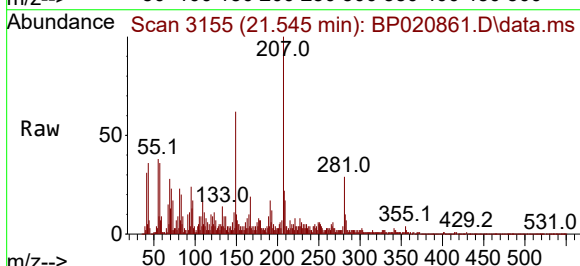
Tgt Ion:149 Resp: 62369

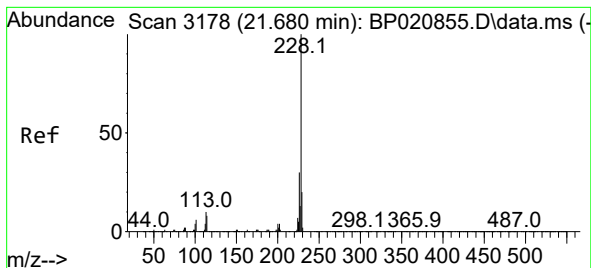
Ion Ratio Lower Upper

149 100

167 30.2 22.0 33.0

279 6.8 3.3 4.9#





#87

Chrysene

Concen: 5.078 ng/ul

RT: 21.680 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3

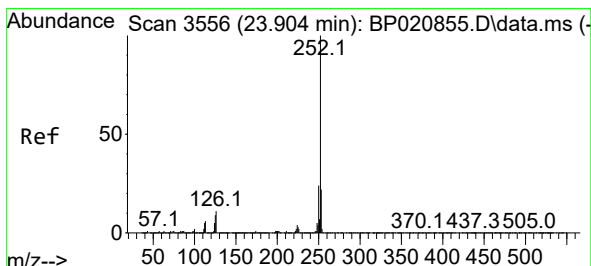
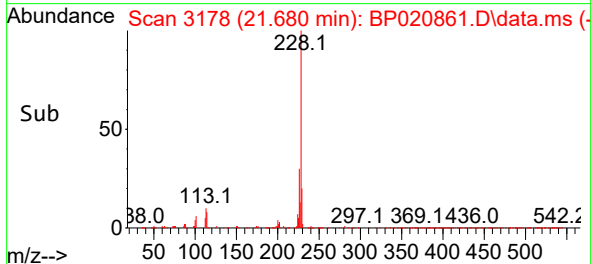
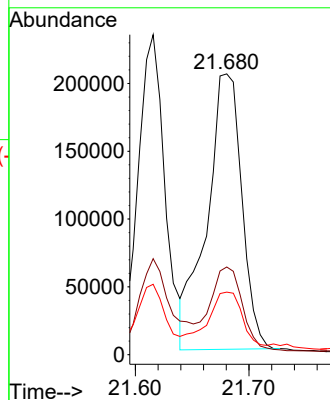
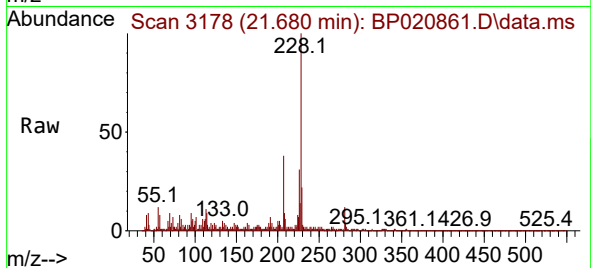
Tgt Ion:228 Resp: 435207

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

229 22.3 16.1 24.1



#90

Benzo(b)fluoranthene

Concen: 6.299 ng/ul

RT: 23.933 min Scan# 3561

Delta R.T. 0.029 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

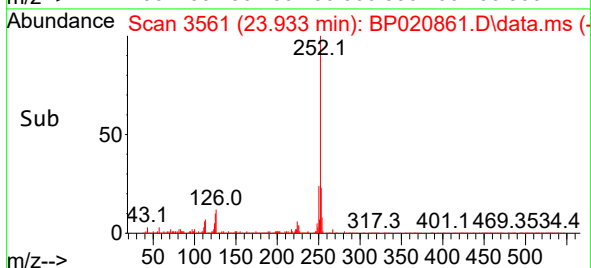
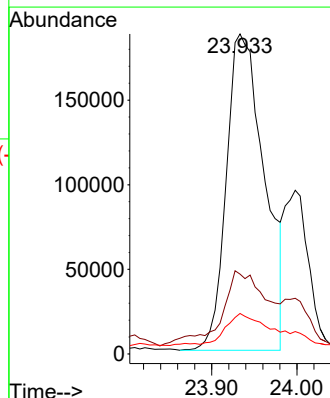
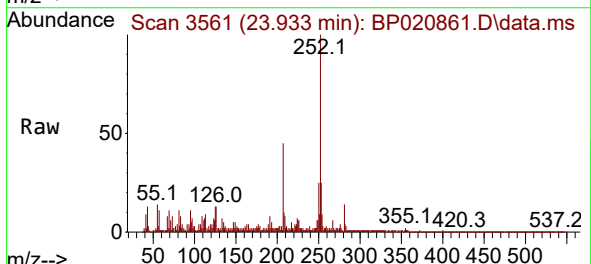
Tgt Ion:252 Resp: 580155

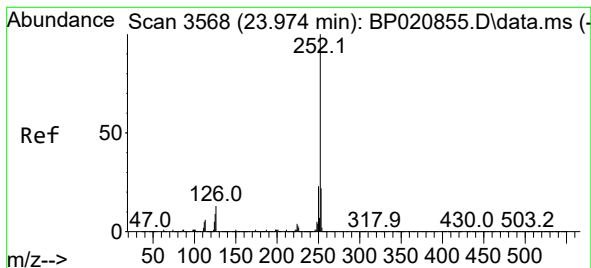
Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 12.6 7.9 11.9#





#91

Benzo(k)fluoranthene

Concen: 6.227 ng/ul

RT: 23.933 min Scan# 3

Delta R.T. -0.041 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3

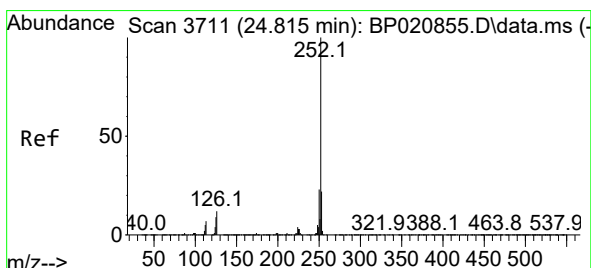
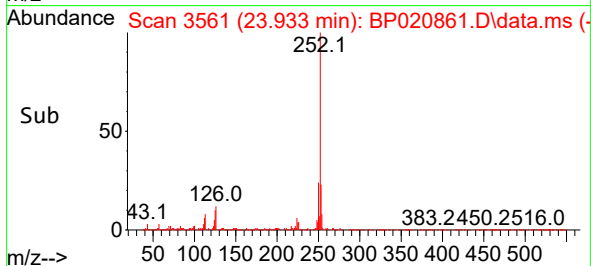
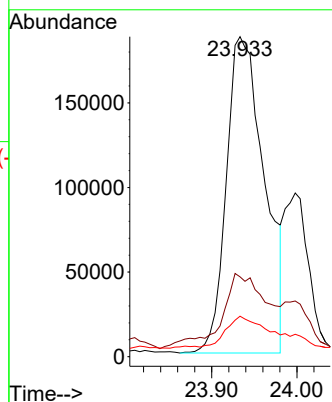
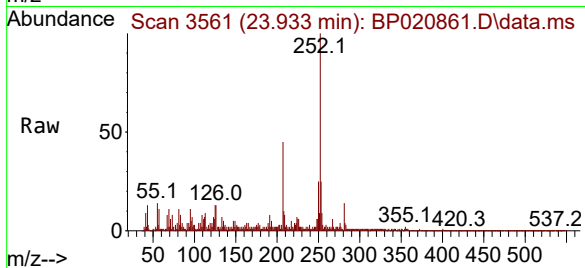
Tgt Ion:252 Resp: 580155

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 12.6 7.9 11.9#



#93

Benzo(a)pyrene

Concen: 2.573 ng/ul

RT: 24.845 min Scan# 3716

Delta R.T. 0.035 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

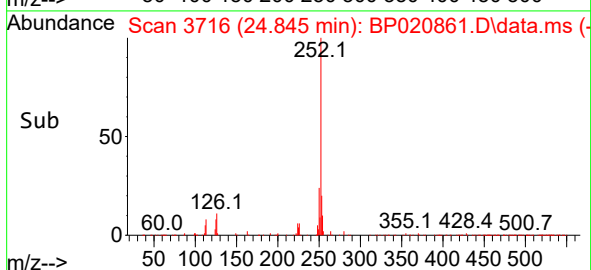
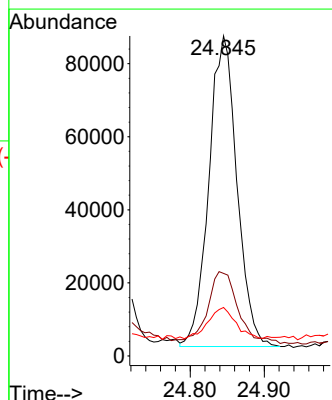
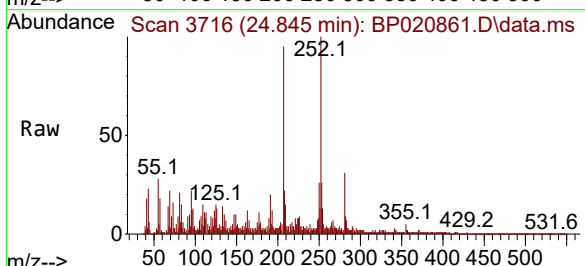
Tgt Ion:252 Resp: 223691

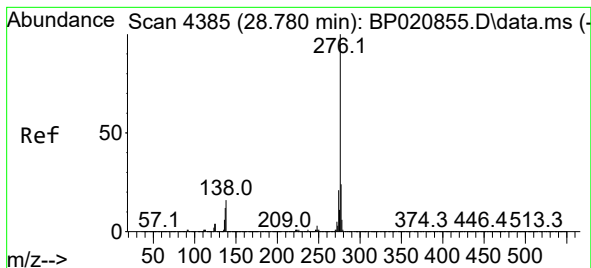
Ion Ratio Lower Upper

252 100

253 25.8 17.4 26.2

125 15.2 8.7 13.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.979 ng/ul

RT: 28.815 min Scan# 41

Delta R.T. 0.053 min

Lab File: BP020861.D

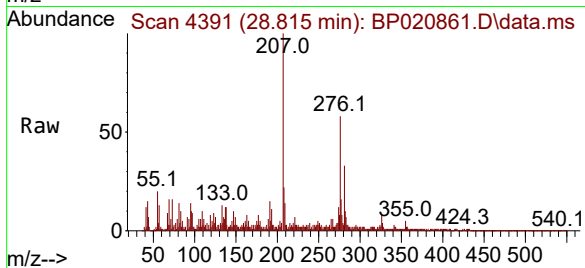
Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3



Tgt Ion:276 Resp: 220680

Ion Ratio Lower Upper

276 100

138 20.5 15.2 22.8

277 27.4 19.0 28.4

