

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020913.D
 Acq On : 11 Jul 2024 22:31
 Operator : MA/JU
 Sample : P3088-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CY3

Quant Time: Jul 11 23:07:38 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

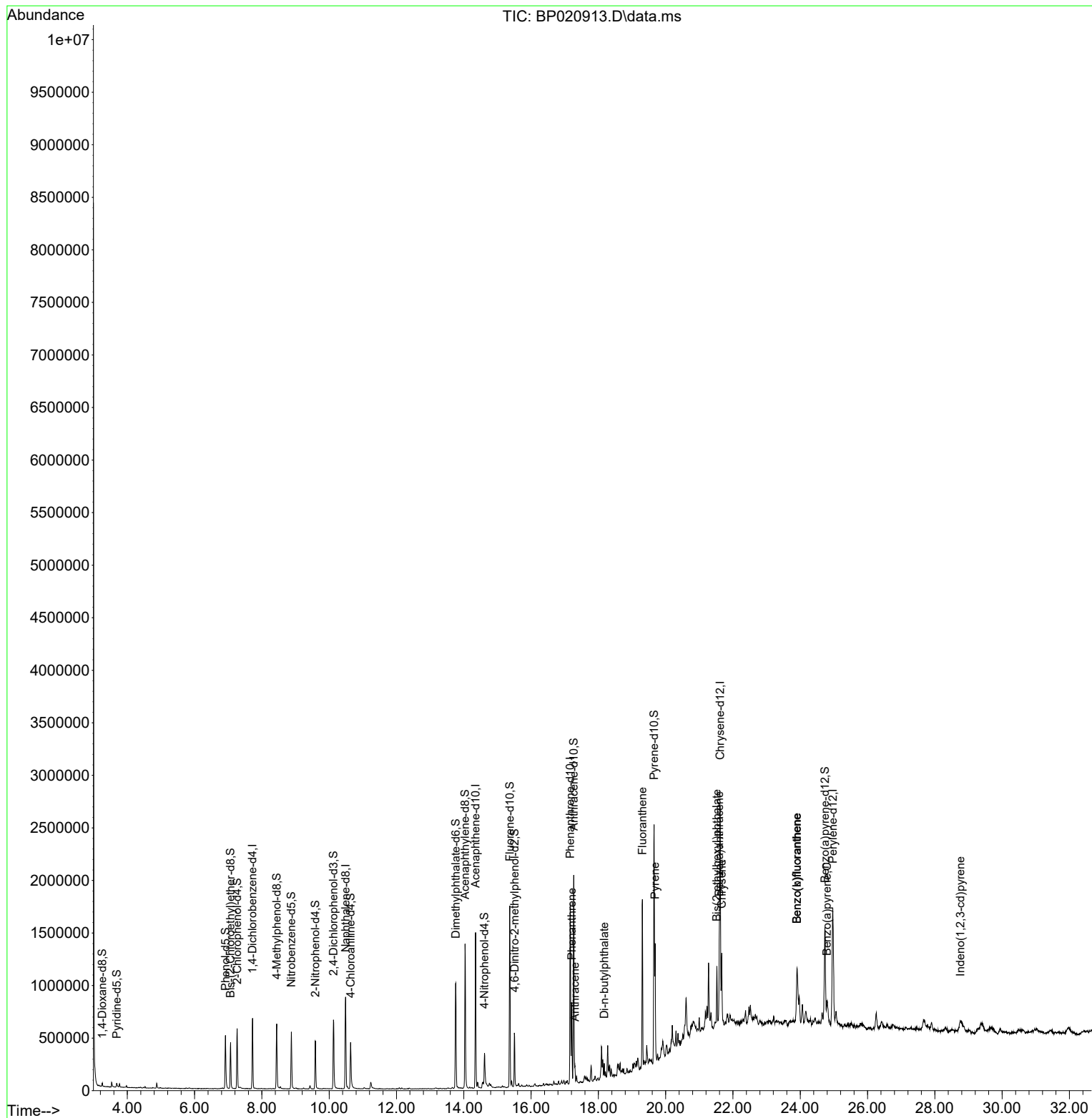
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	189555	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	783803	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	513713	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1119168	20.000	ng/ul	-0.02
79) Chrysene-d12	21.615	240	1073562	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1267500	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	14249	3.421	ng/uL	0.00
4) Pyridine-d5	3.687	84	20783	1.723	ng/ul	0.02
7) Phenol-d5	6.916	99	308566	19.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	196831	21.017	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	271165	21.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	251046	19.559	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	131821	21.653	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	151503	21.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	260738	20.694	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	272099	16.301	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	863982	23.136	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	950191	22.660	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.616	143	98856	18.605	ng/ul	0.00
60) Fluorene-d10	15.369	176	741469	24.202	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	108748	16.060	ng/ul	0.00
73) Anthracene-d10	17.269	188	1163147	23.400	ng/ul	0.00
81) Pyrene-d10	19.657	212	1203471	18.132	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	895568	14.326	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	486205	8.374	ng/ul	100
74) Anthracene	17.304	178	96306	1.627	ng/ul	99
78) Di-n-butylphthalate	18.174	149	96293	1.443	ng/ul	99
80) Fluoranthene	19.310	202	1021130	12.740	ng/ul	99
82) Pyrene	19.686	202	736830	9.034	ng/ul	100
85) Benzo(a)anthracene	21.592	228	452318	6.015	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.521	149	249384	5.099	ng/ul	99
87) Chrysene	21.668	228	504680	7.222	ng/ul	98
90) Benzo(b)fluoranthene	23.904	252	665648	8.654	ng/ul	98
91) Benzo(k)fluoranthene	23.904	252	665648	8.672	ng/ul	99
93) Benzo(a)pyrene	24.792	252	108202	1.489	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.756	276	104773	1.119	ng/ul	96

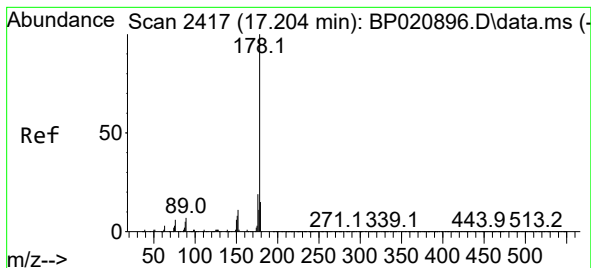
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 8.374 ng/ul

RT: 17.210 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

Instrument :

BNA_P

ClientSampleId :

A4CY3

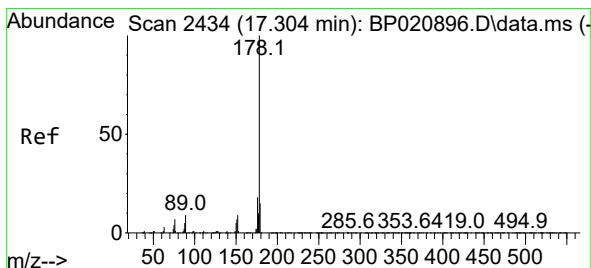
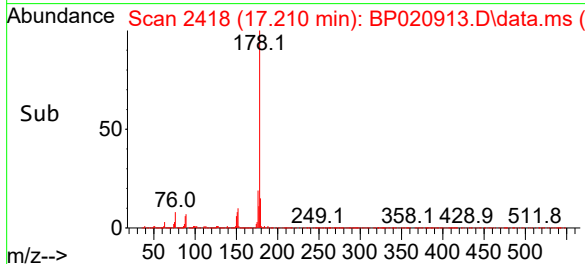
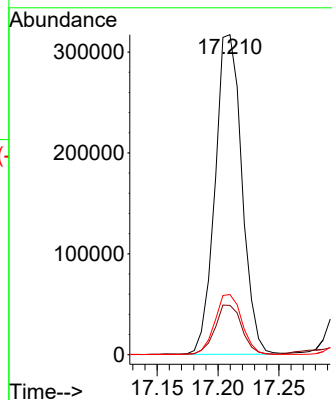
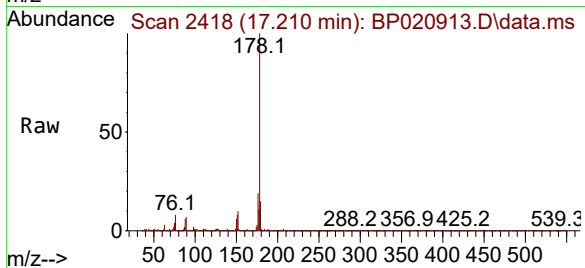
Tgt Ion:178 Resp: 486205

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.8 15.0 22.4



#74

Anthracene

Concen: 1.627 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

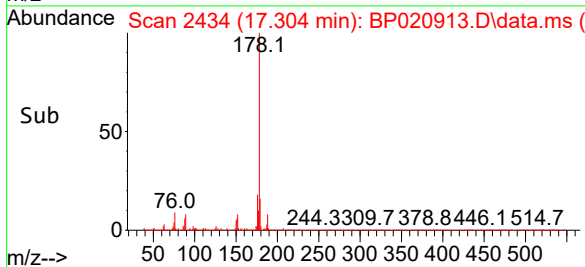
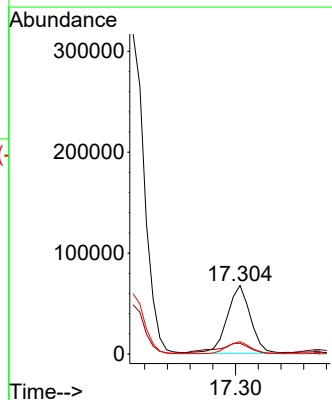
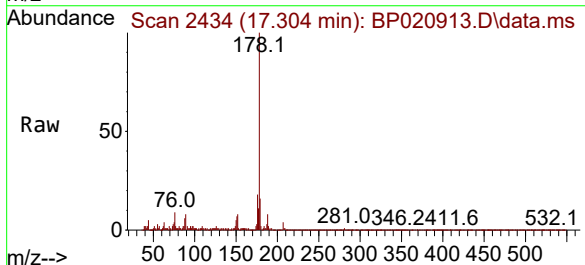
Tgt Ion:178 Resp: 96306

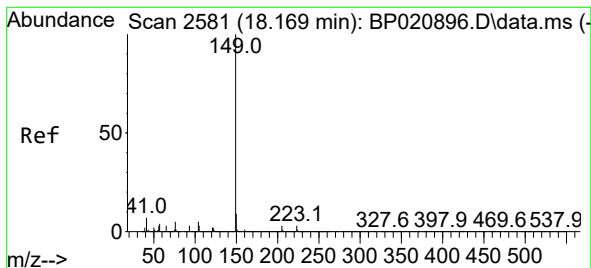
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.0 14.8 22.2





#78

Di-n-butylphthalate

Concen: 1.443 ng/ul

RT: 18.174 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

Instrument :

BNA_P

ClientSampleId :

A4CY3

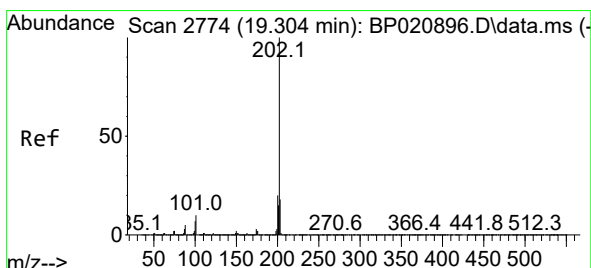
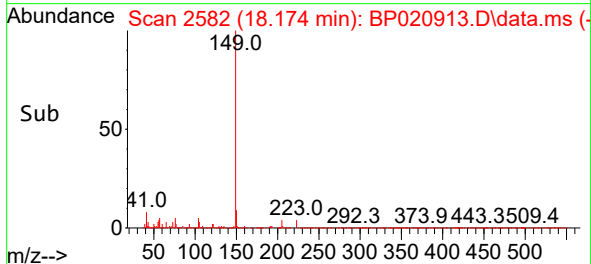
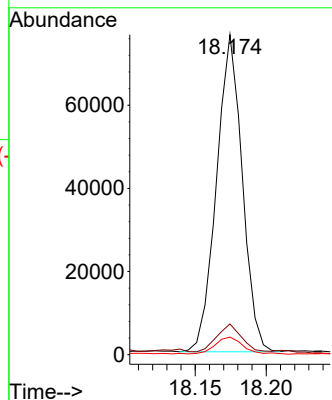
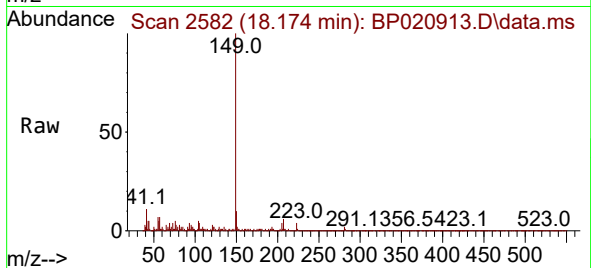
Tgt Ion:149 Resp: 96293

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.5 3.9 5.9



#80

Fluoranthene

Concen: 12.740 ng/ul

RT: 19.310 min Scan# 2775

Delta R.T. -0.000 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

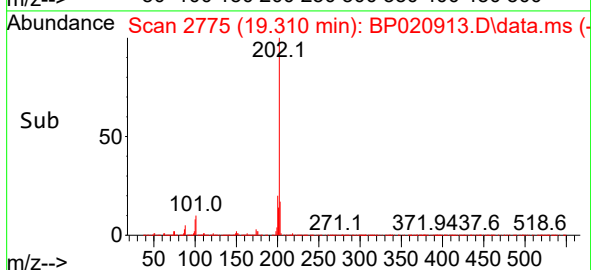
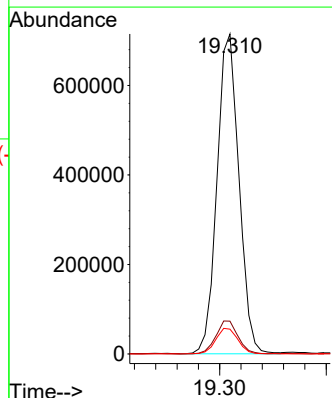
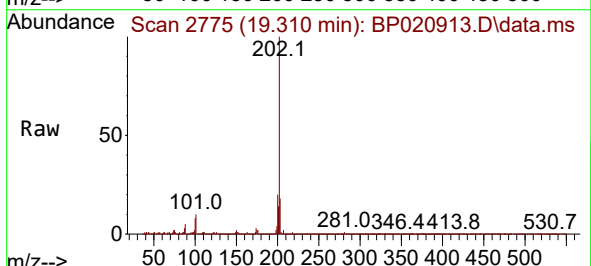
Tgt Ion:202 Resp: 1021130

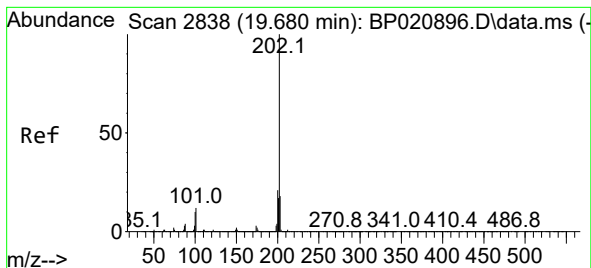
Ion Ratio Lower Upper

202 100

101 10.2 8.0 12.0

100 7.8 6.1 9.1





#82

Pyrene

Concen: 9.034 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

Instrument :

BNA_P

ClientSampleId :

A4CY3

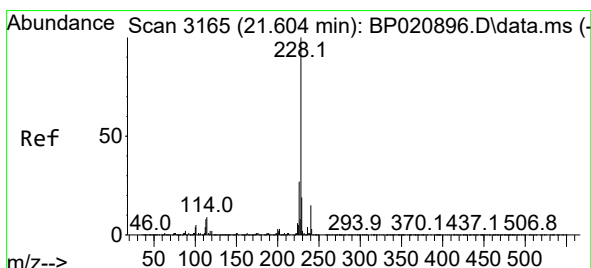
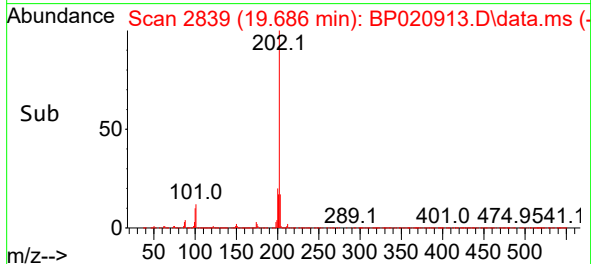
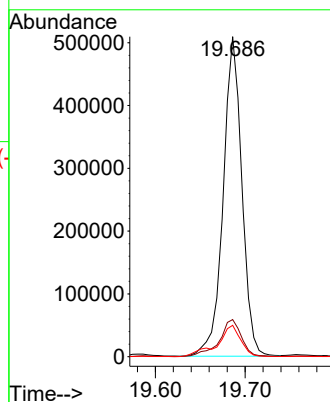
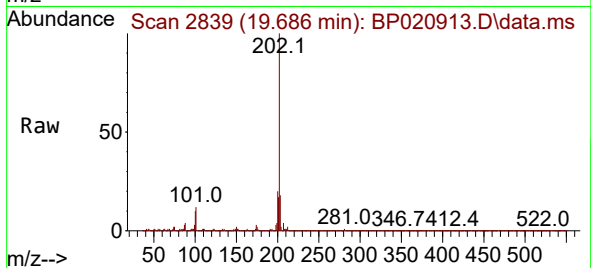
Tgt Ion:202 Resp: 736830

Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.2

100 9.8 7.8 11.6



#85

Benzo(a)anthracene

Concen: 6.015 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.018 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

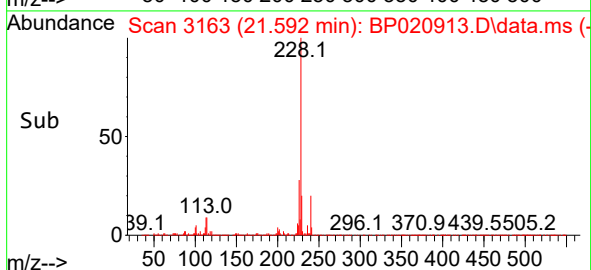
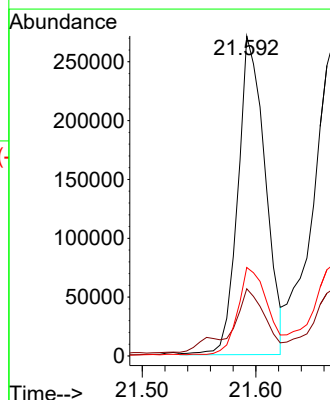
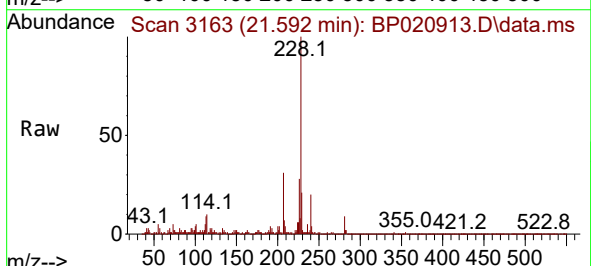
Tgt Ion:228 Resp: 452318

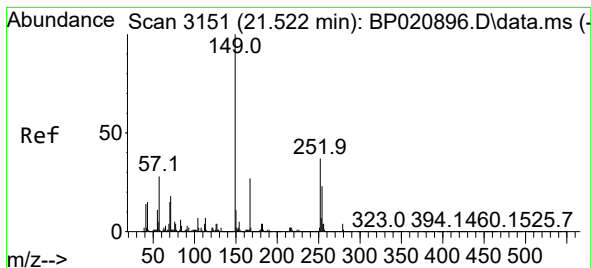
Ion Ratio Lower Upper

228 100

229 21.0 15.5 23.3

226 27.7 21.4 32.2

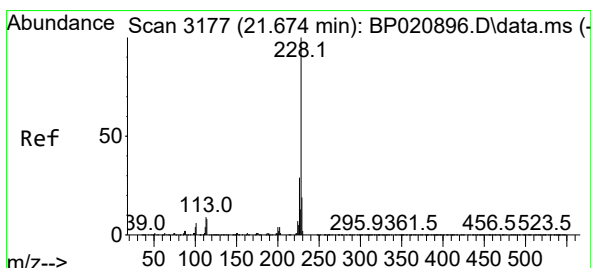
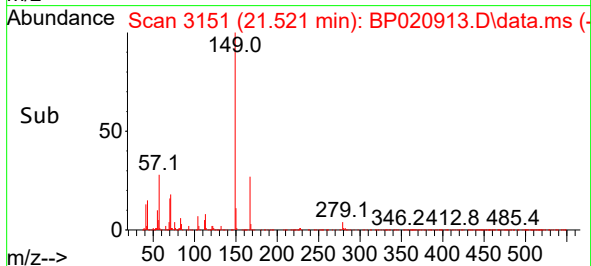
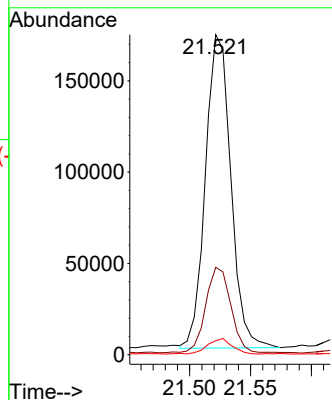
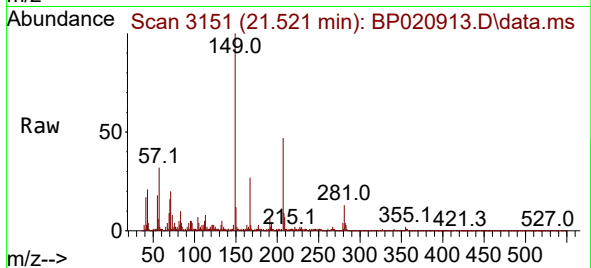




#86
Bis(2-ethylhexyl)phthalate
Concen: 5.099 ng/ul
RT: 21.521 min Scan# 3151
Delta R.T. -0.018 min
Lab File: BP020913.D
Acq: 11 Jul 2024 22:31

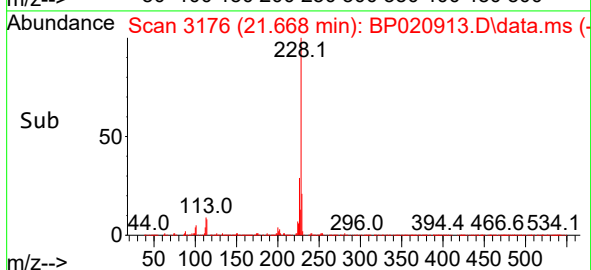
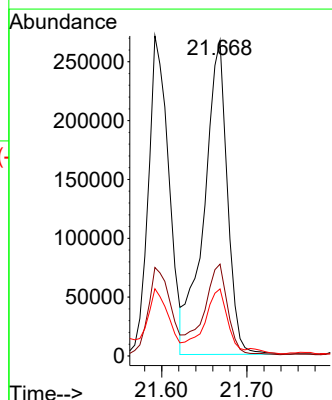
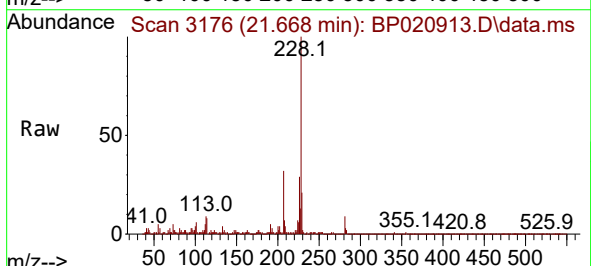
Instrument :
BNA_P
ClientSampleId :
A4CY3

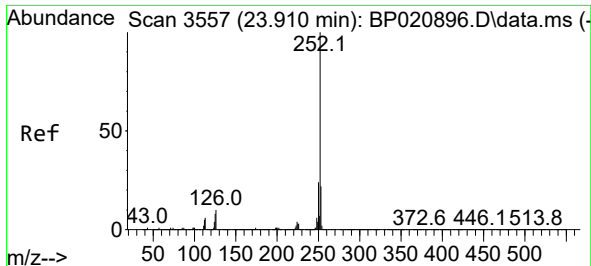
Tgt Ion:149 Resp: 249384
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.3 3.7 5.5



#87
Chrysene
Concen: 7.222 ng/ul
RT: 21.668 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020913.D
Acq: 11 Jul 2024 22:31

Tgt Ion:228 Resp: 504680
Ion Ratio Lower Upper
228 100
226 29.1 23.6 35.4
229 21.3 15.5 23.3

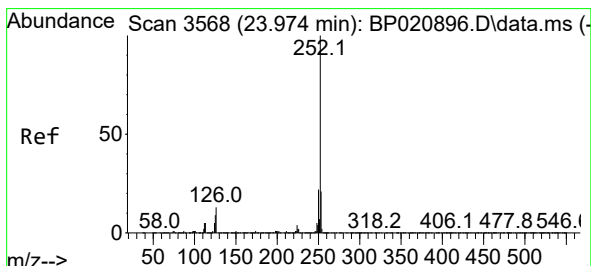
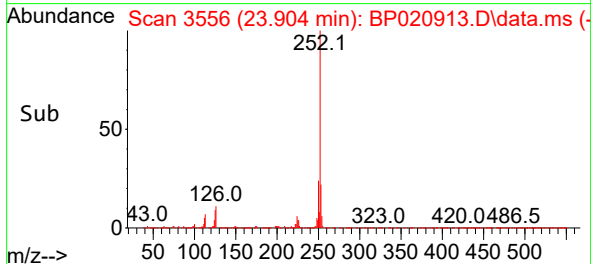
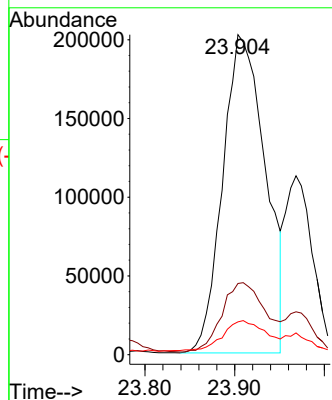
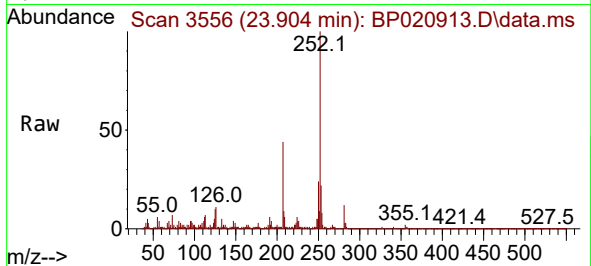




#90
Benzo(b)fluoranthene
Concen: 8.654 ng/ul
RT: 23.904 min Scan# 3556
Delta R.T. -0.018 min
Lab File: BP020913.D
Acq: 11 Jul 2024 22:31

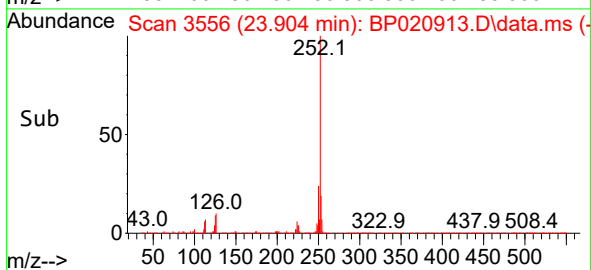
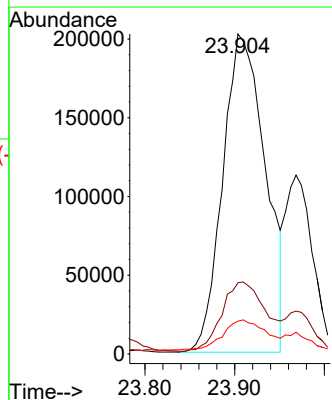
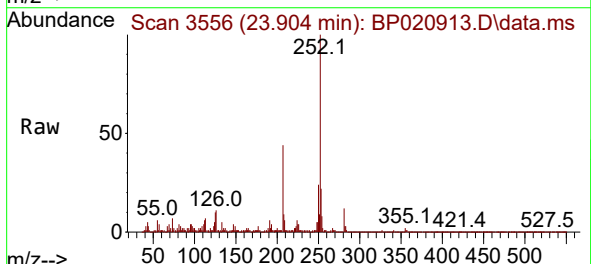
Instrument :
BNA_P
ClientSampleId :
A4CY3

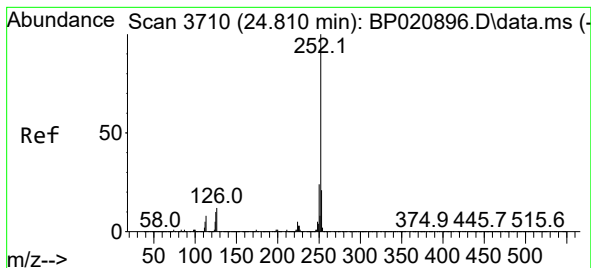
Tgt Ion:252 Resp: 665648
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.2 7.0 10.4



#91
Benzo(k)fluoranthene
Concen: 8.672 ng/ul
RT: 23.904 min Scan# 3556
Delta R.T. -0.088 min
Lab File: BP020913.D
Acq: 11 Jul 2024 22:31

Tgt Ion:252 Resp: 665648
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 7.4 11.0





#93

Benzo(a)pyrene

Concen: 1.489 ng/ul

RT: 24.792 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

Instrument :

BNA_P

ClientSampleId :

A4CY3

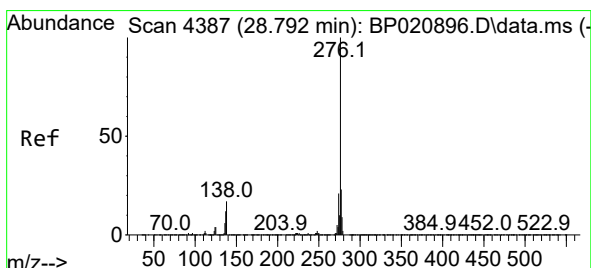
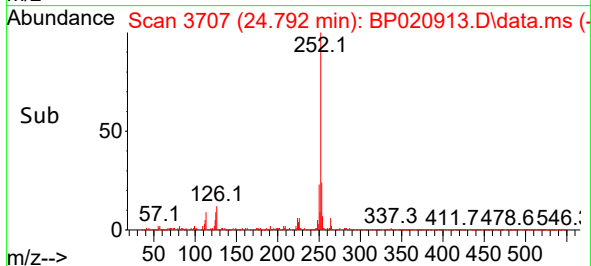
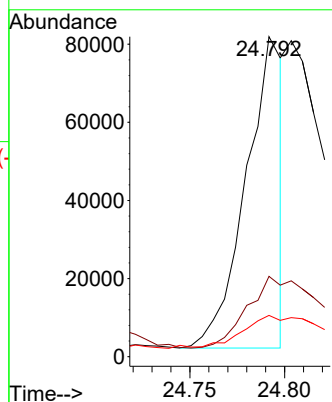
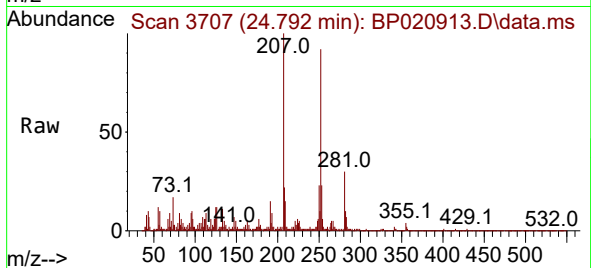
Tgt Ion:252 Resp: 108202

Ion Ratio Lower Upper

252 100

253 25.1 17.4 26.0

125 12.9 7.7 11.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.119 ng/ul

RT: 28.756 min Scan# 4381

Delta R.T. -0.030 min

Lab File: BP020913.D

Acq: 11 Jul 2024 22:31

Tgt Ion:276 Resp: 104773

Ion Ratio Lower Upper

276 100

138 18.9 14.3 21.5

277 26.4 19.2 28.8

