

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020928.D
 Acq On : 12 Jul 2024 10:00
 Operator : MA/JU
 Sample : P3087-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 12 23:04:05 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)

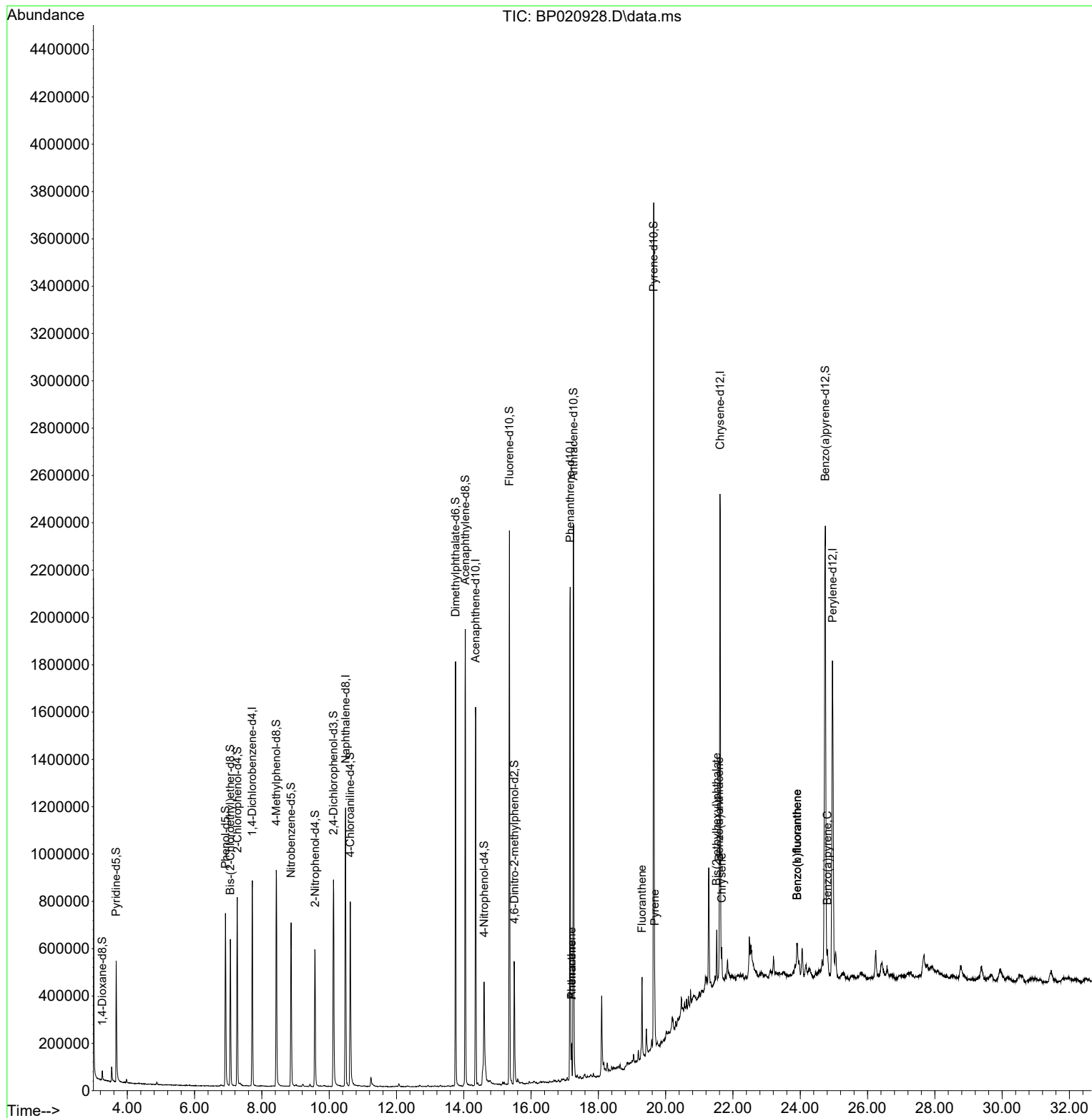
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	236221	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	944702	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	574074	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1200557	20.000	ng/ul	-0.02
79) Chrysene-d12	21.616	240	1265380	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	1463631	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17990	3.466	ng/uL	0.00
4) Pyridine-d5	3.670	84	263171	17.512	ng/ul	0.00
7) Phenol-d5	6.916	99	425178	22.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	269427	23.085	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	362441	22.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	361361	22.592	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	177006	24.123	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	203449	24.225	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	347813	22.903	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	453573	22.545	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	1112147	26.650	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1226266	26.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	158548	26.702	ng/ul	0.00
60) Fluorene-d10	15.357	176	939041	27.428	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.504	200	133418	18.367	ng/ul	0.00
73) Anthracene-d10	17.263	188	1492595	27.992	ng/ul	-0.01
81) Pyrene-d10	19.645	212	1897871	24.260	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	2113708	29.281	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.204	178	82623	1.327	ng/ul	98
74) Anthracene	17.204	178	83188	1.310	ng/ul	98
80) Fluoranthene	19.298	202	202963	2.148	ng/ul	99
82) Pyrene	19.675	202	180796	1.881	ng/ul	99
85) Benzo(a)anthracene	21.592	228	96232	1.086	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.516	149	90200	1.565	ng/ul	97
87) Chrysene	21.669	228	108371	1.316	ng/ul	95
90) Benzo(b)fluoranthene	23.910	252	155773	1.754	ng/ul#	94
91) Benzo(k)fluoranthene	23.910	252	155491	1.754	ng/ul	95
93) Benzo(a)pyrene	24.810	252	96884	1.154	ng/ul#	92

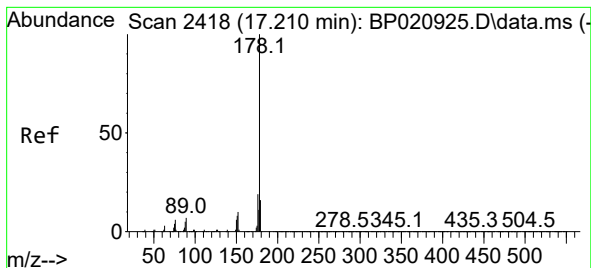
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 23:04:05 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





#72

Phenanthrene

Concen: 1.327 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

Instrument :

BNA_P

ClientSampleId :

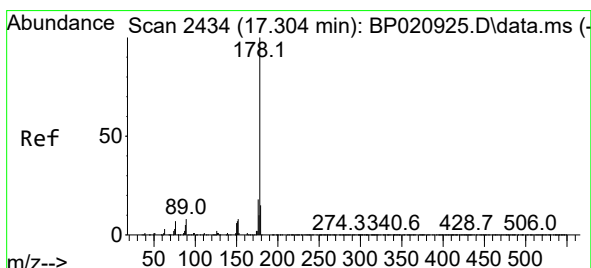
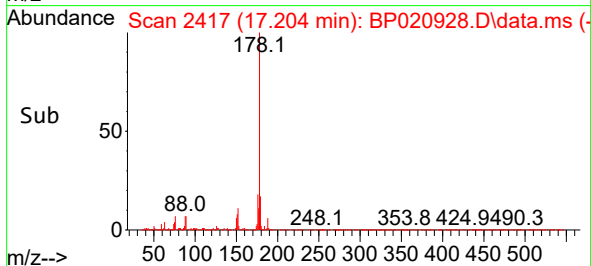
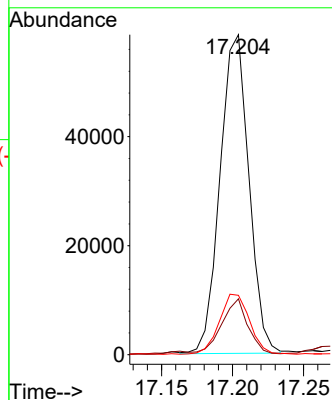
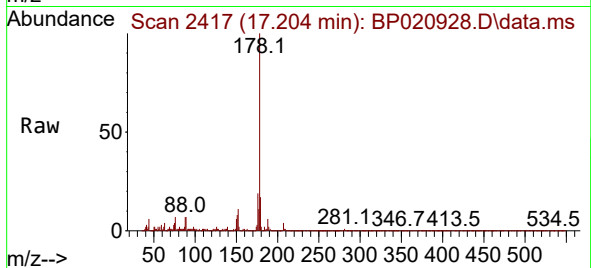
Tgt Ion:178 Resp: 82623

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.4

176 18.5 15.0 22.4



#74

Anthracene

Concen: 1.310 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.100 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

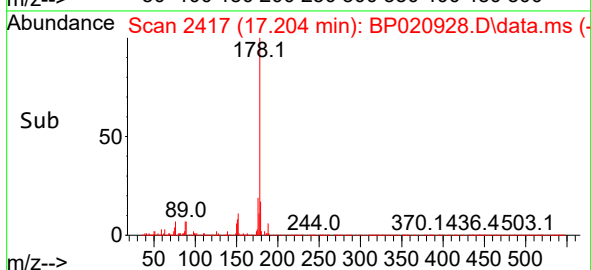
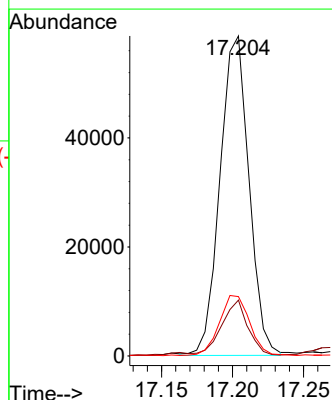
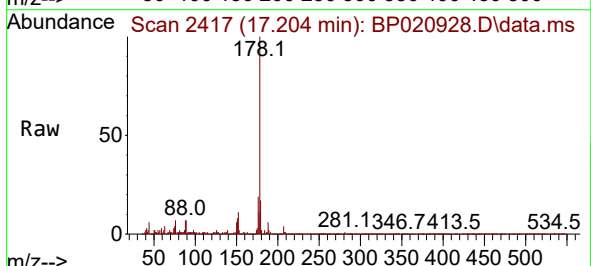
Tgt Ion:178 Resp: 83188

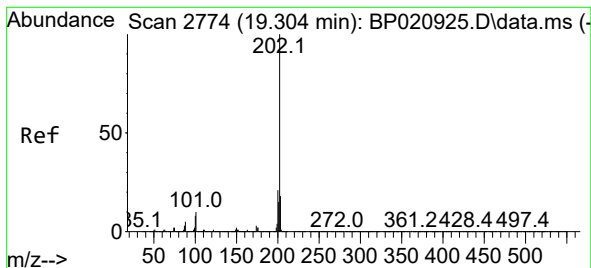
Ion Ratio Lower Upper

178 100

179 17.4 12.5 18.7

176 18.5 14.8 22.2





#80

Fluoranthene

Concen: 2.148 ng/ul

RT: 19.298 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

Instrument :

BNA_P

ClientSampleId :

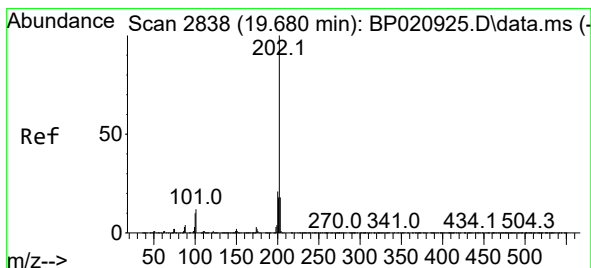
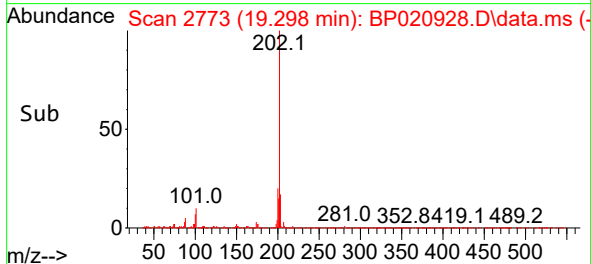
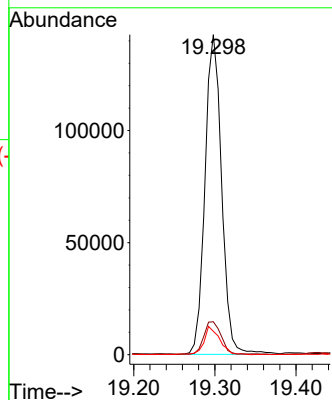
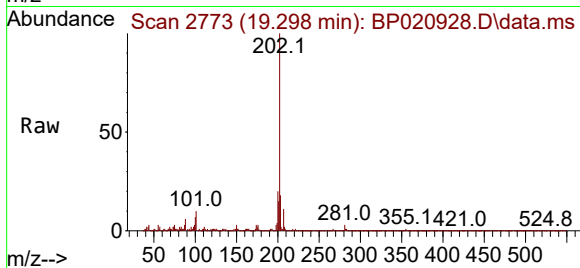
Tgt Ion:202 Resp: 202963

Ion Ratio Lower Upper

202 100

101 10.3 8.0 12.0

100 7.3 6.1 9.1



#82

Pyrene

Concen: 1.881 ng/ul

RT: 19.675 min Scan# 2837

Delta R.T. -0.018 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

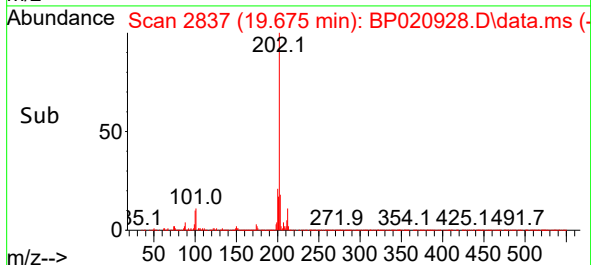
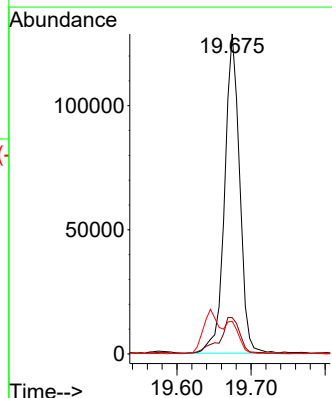
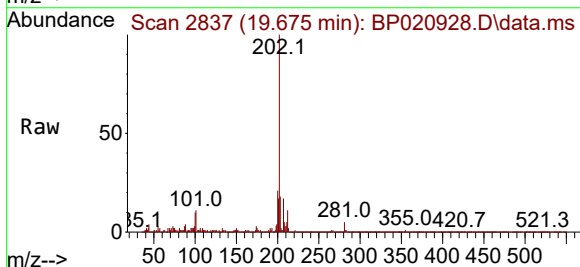
Tgt Ion:202 Resp: 180796

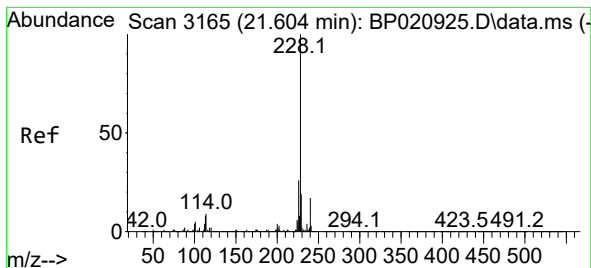
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 10.2 7.8 11.6





#85

Benzo(a)anthracene

Concen: 1.086 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.018 min

Lab File: BP020928.D

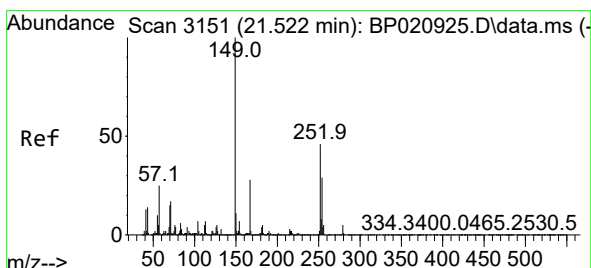
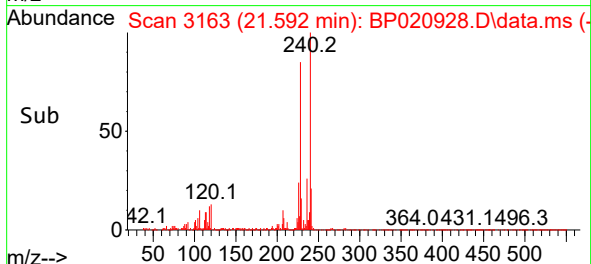
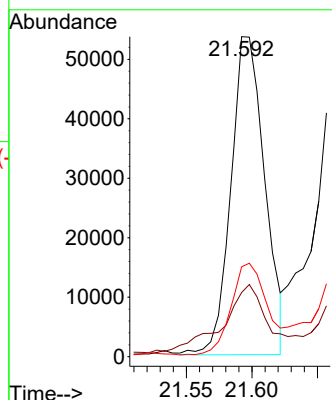
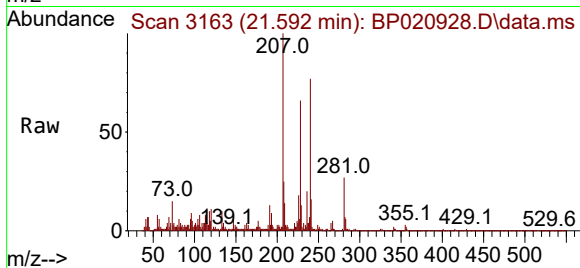
Acq: 12 Jul 2024 10:00

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	228	Resp:	96232
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.5	23.3
226	28.1	21.4	32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.565 ng/ul

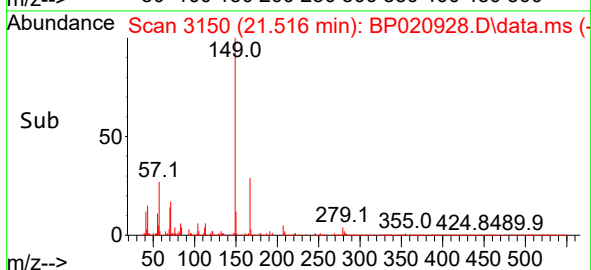
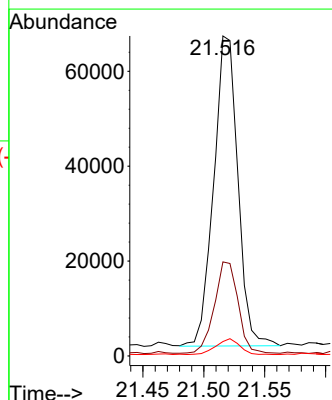
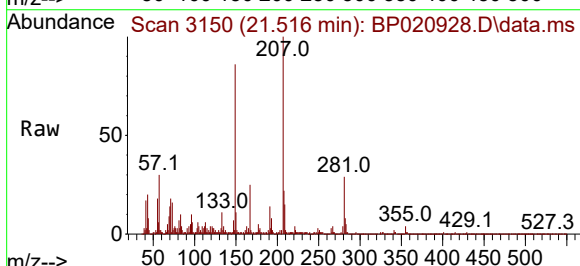
RT: 21.516 min Scan# 3150

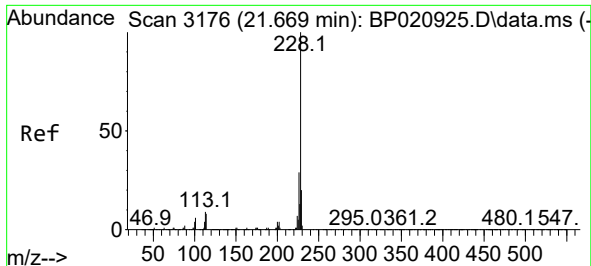
Delta R.T. -0.023 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

Tgt Ion:	149	Resp:	90200
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.1	33.1
279	4.5	3.7	5.5

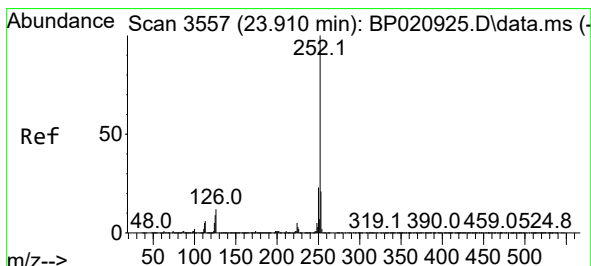
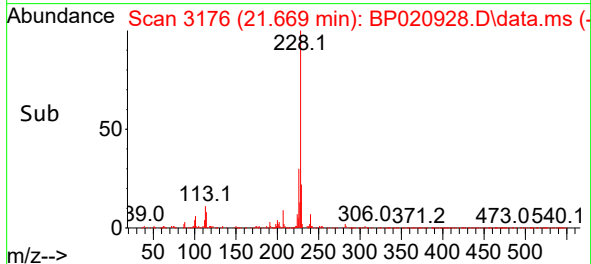
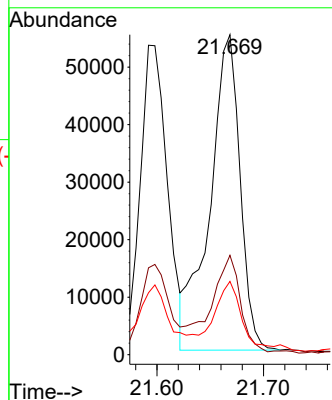
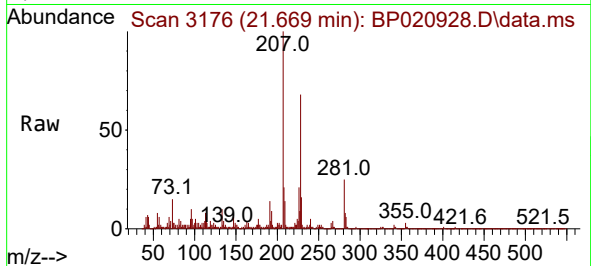




#87
Chrysene
Concen: 1.316 ng/ul
RT: 21.669 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020928.D
Acq: 12 Jul 2024 10:00

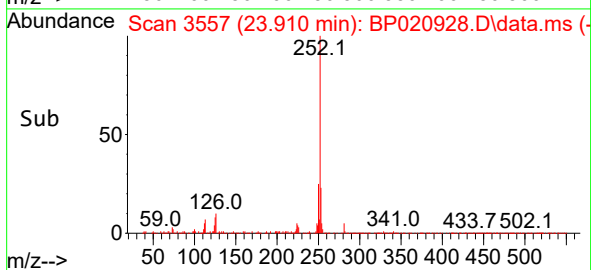
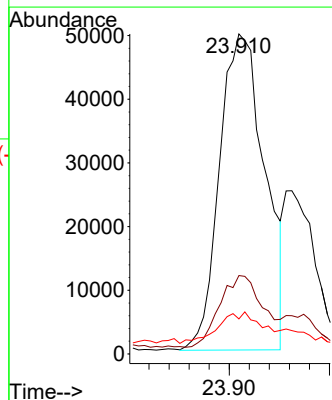
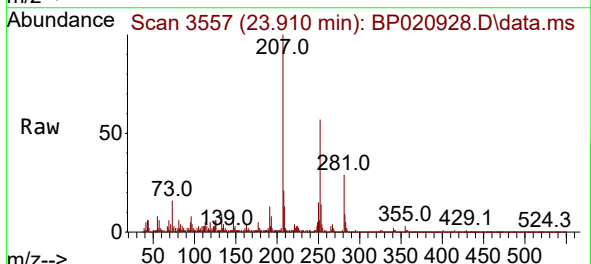
Instrument :
BNA_P
ClientSampleId :

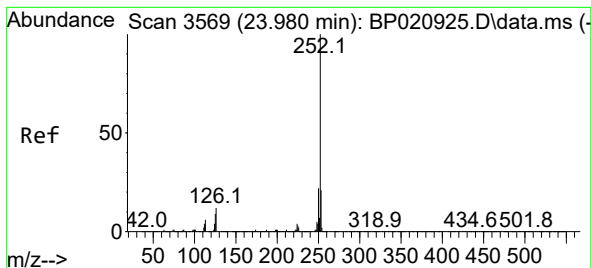
Tgt Ion:228 Resp: 108371
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.9 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 1.754 ng/ul
RT: 23.910 min Scan# 3557
Delta R.T. -0.012 min
Lab File: BP020928.D
Acq: 12 Jul 2024 10:00

Tgt Ion:252 Resp: 155773
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 10.9 7.0 10.4#





#91

Benzo(k)fluoranthene

Concen: 1.754 ng/ul

RT: 23.910 min Scan# 3

Delta R.T. -0.082 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

Instrument :

BNA_P

ClientSampleId :

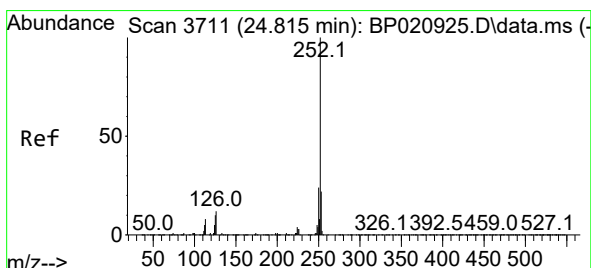
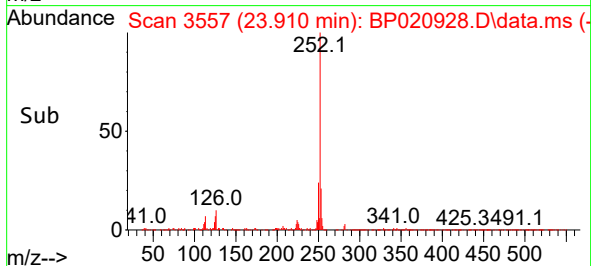
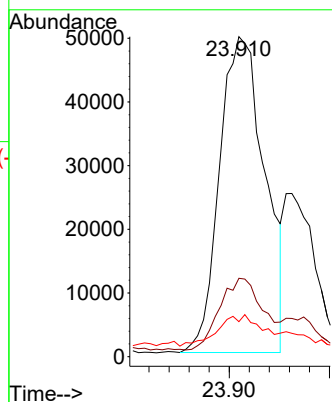
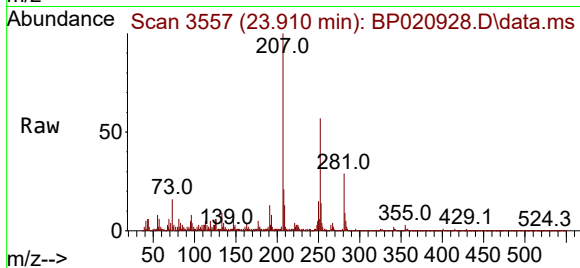
Tgt Ion:252 Resp: 155491

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

125 10.9 7.4 11.0



#93

Benzo(a)pyrene

Concen: 1.154 ng/ul

RT: 24.810 min Scan# 3710

Delta R.T. -0.018 min

Lab File: BP020928.D

Acq: 12 Jul 2024 10:00

Tgt Ion:252 Resp: 96884

Ion Ratio Lower Upper

252 100

253 25.0 17.4 26.0

125 13.3 7.7 11.5#

