

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020820.D
 Acq On : 06 Jul 2024 14:46
 Operator : MA/JU
 Sample : P3010-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CW0

Quant Time: Jul 07 22:40:38 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)

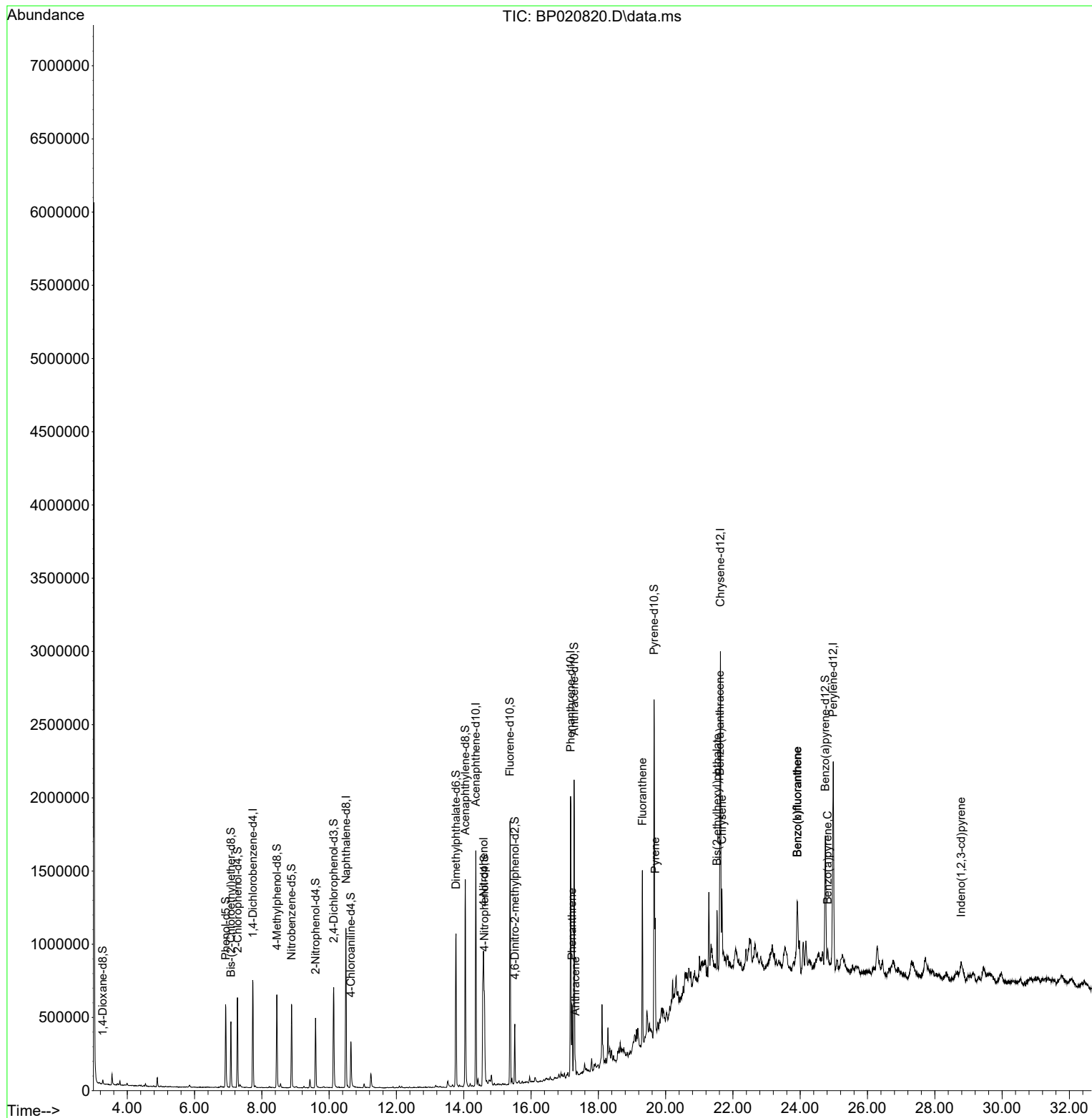
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	218887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	876668	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	575449	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1220572	20.000	ng/ul	0.01
79) Chrysene-d12	21.628	240	1154837	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	1350022	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	14810	2.905	ng/uL	0.00
4) Pyridine-d5	3.687	84	892	0.060	ng/ul	0.00
7) Phenol-d5	6.922	99	328513	18.299	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	196715	17.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	279595	19.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	246375	16.897	ng/ul	0.01
21) Nitrobenzene-d5	8.881	128	134896	20.842	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	153836	23.751	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	271465	20.347	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	186530	9.976	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	860605	21.510	ng/ul	0.01
49) Acenaphthylene-d8	14.046	160	962034	20.151	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	114483	18.727	ng/ul	0.04
60) Fluorene-d10	15.375	176	727026	21.594	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	90946	14.786	ng/ul	0.02
73) Anthracene-d10	17.281	188	1177146	21.489	ng/ul	0.02
81) Pyrene-d10	19.657	212	1241137	17.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	960710	14.629	ng/ul	0.00
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.587	109	13828	2.528	ng/ul#	8
72) Phenanthrene	17.216	178	306362	4.793	ng/ul	98
74) Anthracene	17.316	178	67632	1.029	ng/ul	96
80) Fluoranthene	19.310	202	728995	8.602	ng/ul	98
82) Pyrene	19.692	202	531136	6.111	ng/ul	99
85) Benzo(a)anthracene	21.610	228	331503	4.095	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.528	149	184079	3.674	ng/ul#	99
87) Chrysene	21.675	228	360662	4.714	ng/ul	96
90) Benzo(b)fluoranthene	23.916	252	532623	6.512	ng/ul	99
91) Benzo(k)fluoranthene	23.916	252	532623	6.438	ng/ul	99
93) Benzo(a)pyrene	24.816	252	184497	2.390	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.780	276	188261	1.901	ng/ul	97

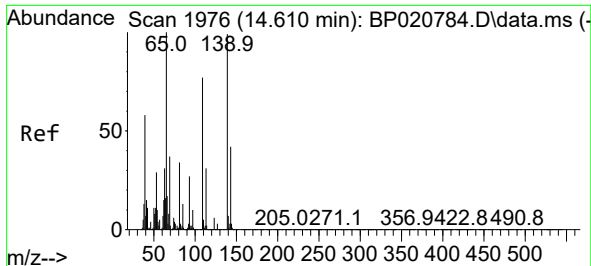
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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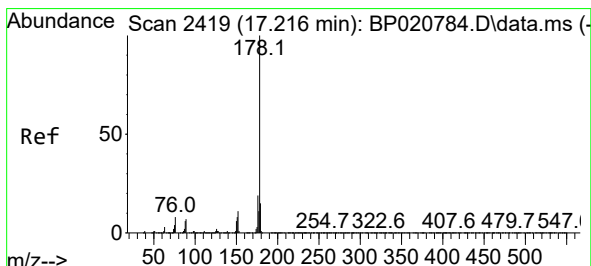
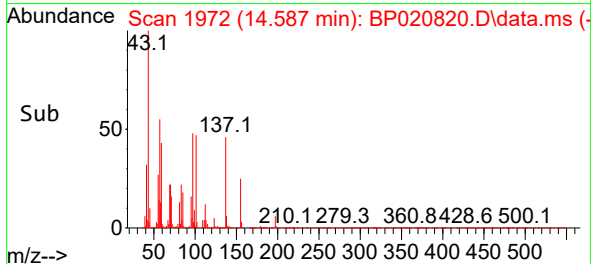
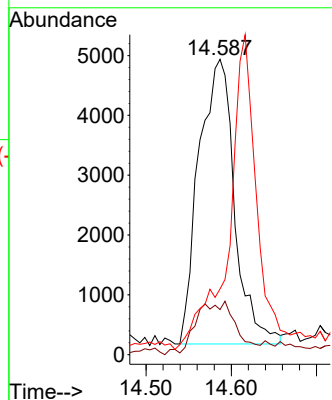
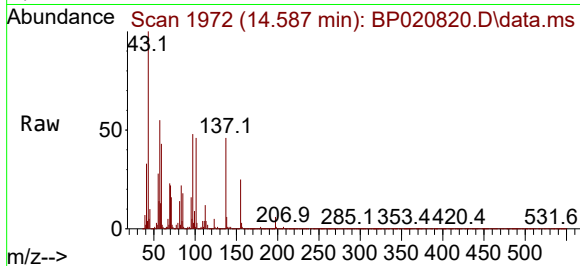




#55
4-Nitrophenol
Concen: 2.528 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

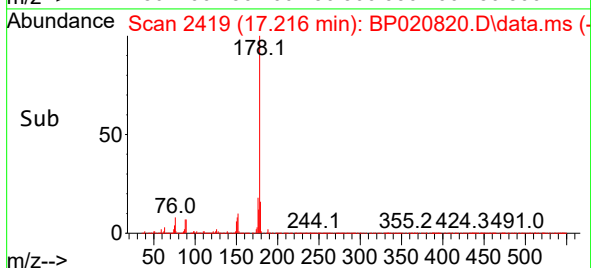
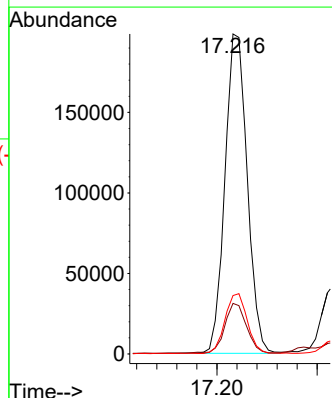
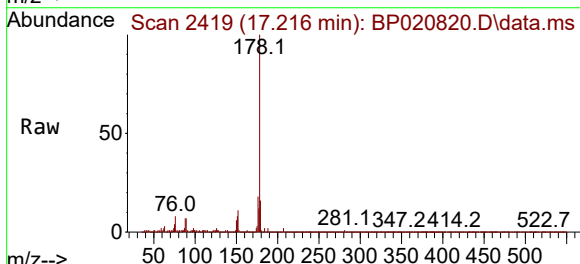
Instrument :
BNA_P
ClientSampleId :
A4CW0

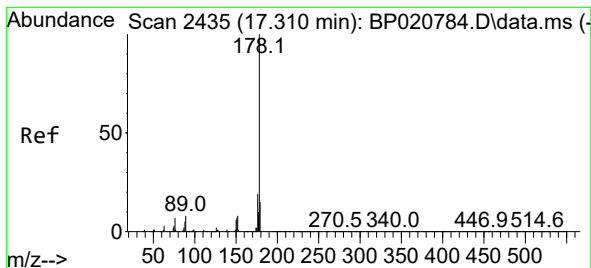
Tgt Ion:109 Resp: 13828
Ion Ratio Lower Upper
109 100
139 15.3 97.4 146.2#
65 22.3 98.2 147.4#



#72
Phenanthrene
Concen: 4.793 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

Tgt Ion:178 Resp: 306362
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.2 15.4 23.2





#74

Anthracene

Concen: 1.029 ng/ul

RT: 17.316 min Scan# 2435

Delta R.T. 0.018 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4CW0

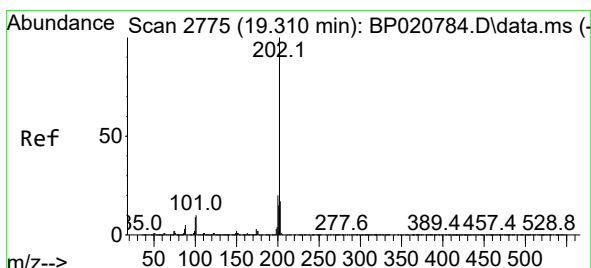
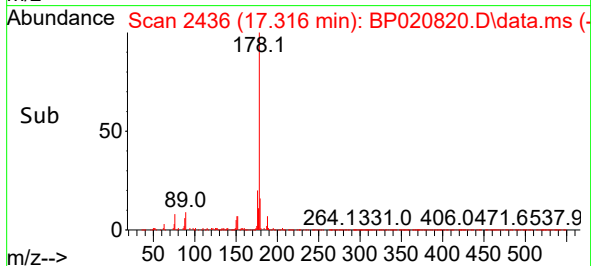
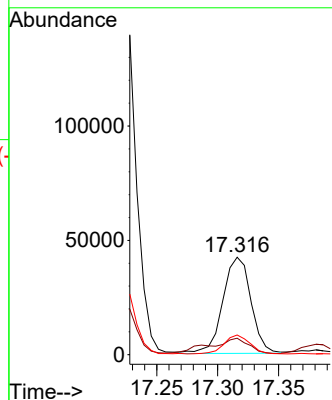
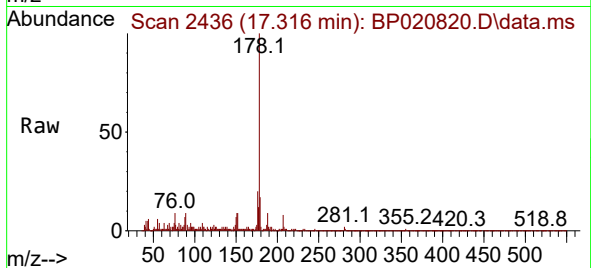
Tgt Ion:178 Resp: 67632

Ion Ratio Lower Upper

178 100

179 16.9 12.1 18.1

176 20.2 15.0 22.4



#80

Fluoranthene

Concen: 8.602 ng/ul

RT: 19.310 min Scan# 2775

Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

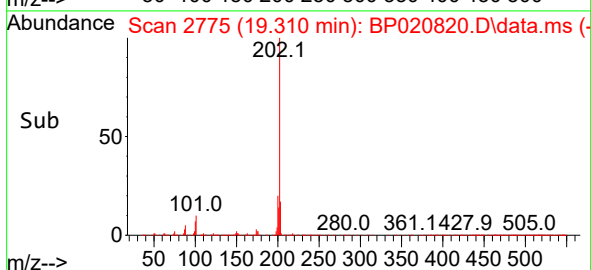
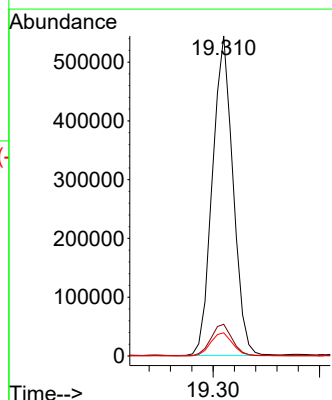
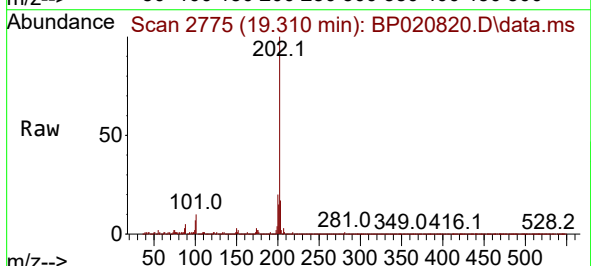
Tgt Ion:202 Resp: 728995

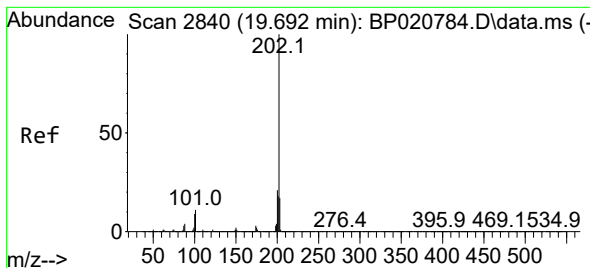
Ion Ratio Lower Upper

202 100

101 9.9 8.2 12.4

100 7.3 6.6 10.0





#82

Pyrene

Concen: 6.111 ng/ul

RT: 19.692 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4CW0

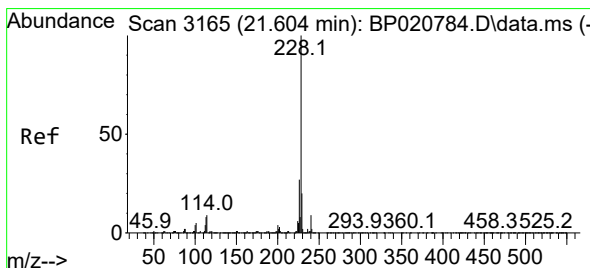
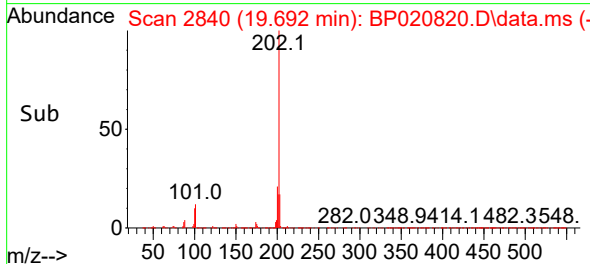
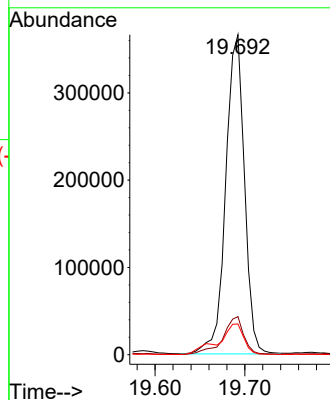
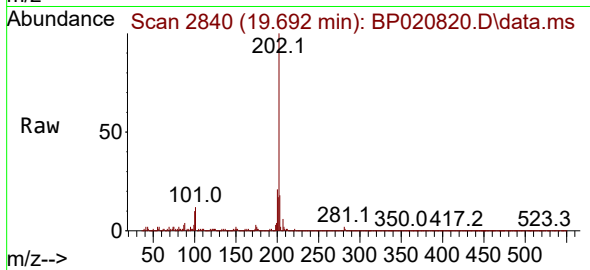
Tgt Ion:202 Resp: 531136

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 9.6 7.9 11.9



#85

Benzo(a)anthracene

Concen: 4.095 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

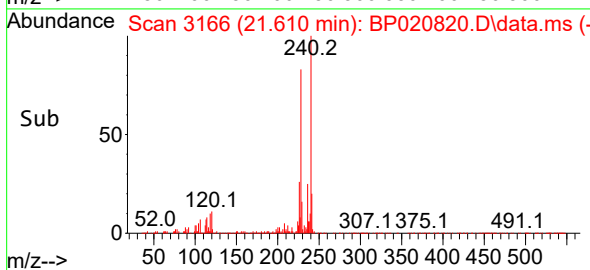
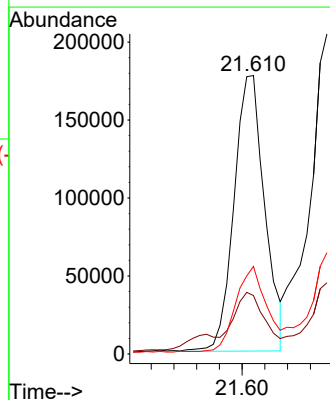
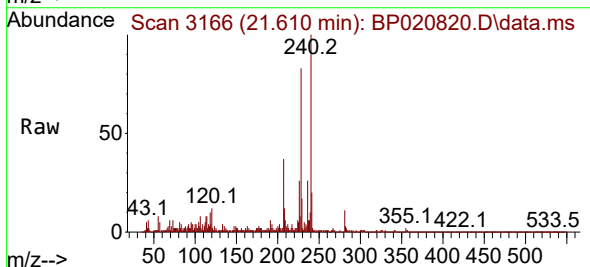
Tgt Ion:228 Resp: 331503

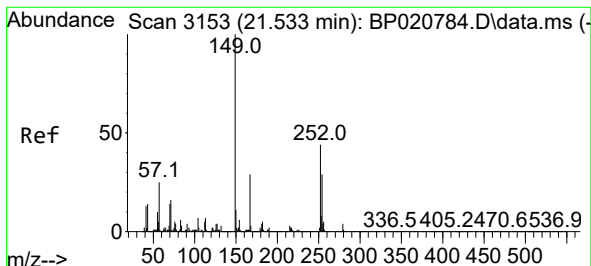
Ion Ratio Lower Upper

228 100

229 21.0 15.2 22.8

226 31.4 21.1 31.7

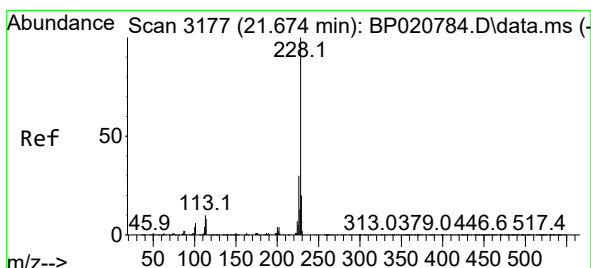
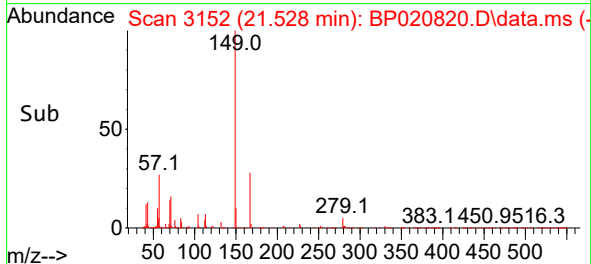
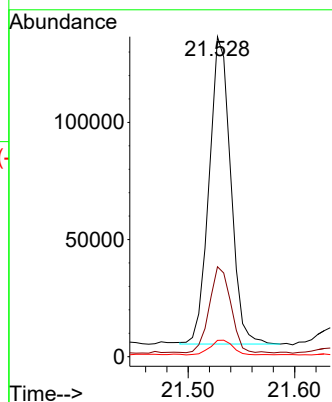
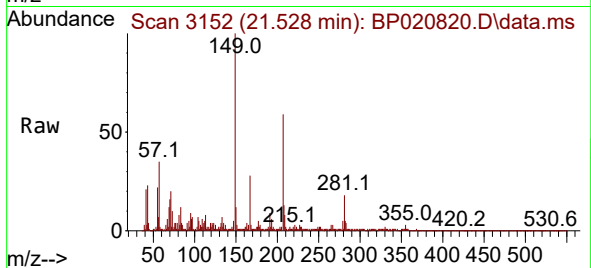




#86
Bis(2-ethylhexyl)phthalate
Concen: 3.674 ng/ul
RT: 21.528 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

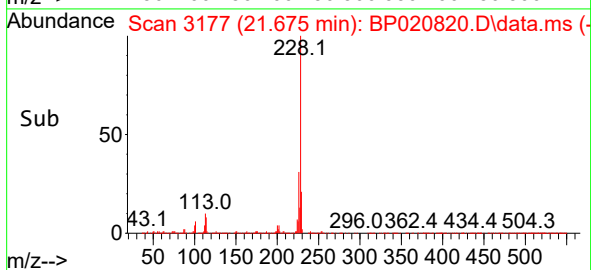
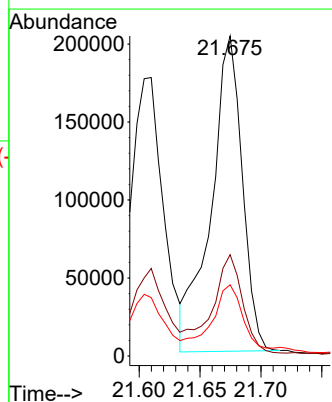
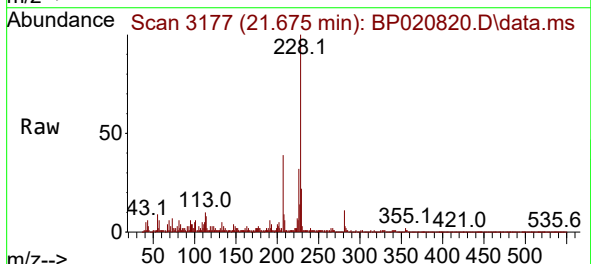
Instrument :
BNA_P
ClientSampleId :
A4CW0

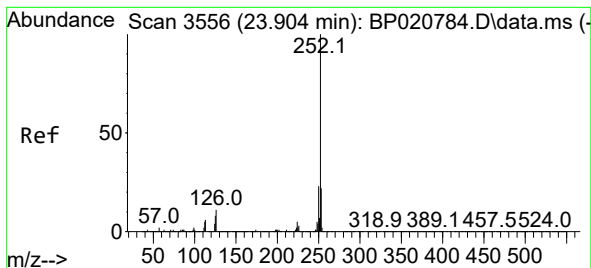
Tgt Ion:149 Resp: 184079
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 5.1 3.3 4.9#



#87
Chrysene
Concen: 4.714 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020820.D
Acq: 06 Jul 2024 14:46

Tgt Ion:228 Resp: 360662
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.6
229 22.3 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 6.512 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

A4CW0

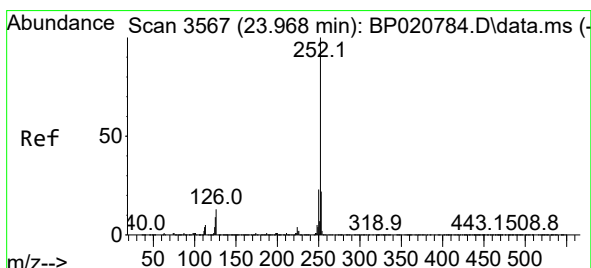
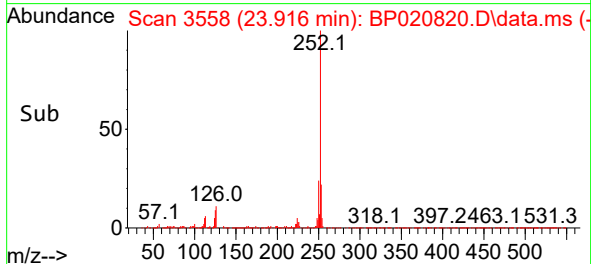
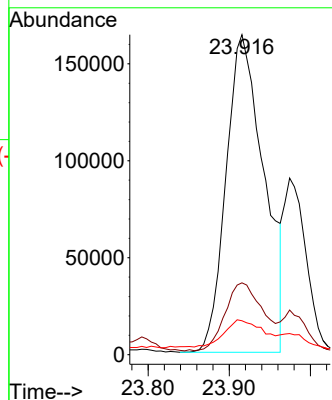
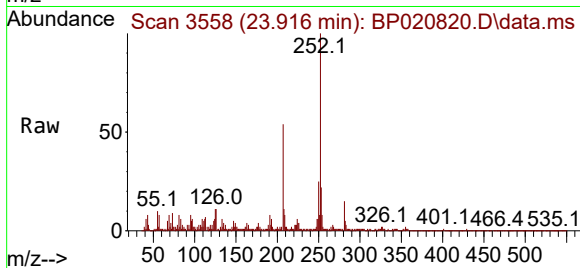
Tgt Ion:252 Resp: 532623

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.6 7.9 11.9



#91

Benzo(k)fluoranthene

Concen: 6.438 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. -0.059 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

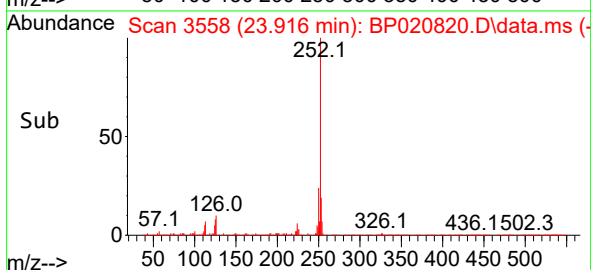
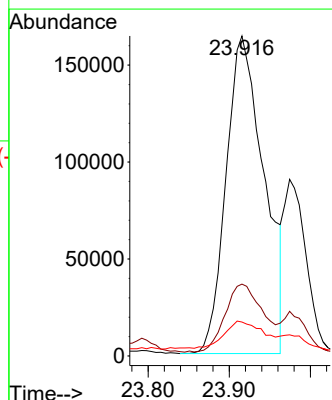
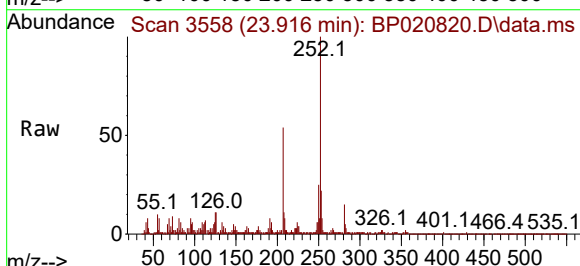
Tgt Ion:252 Resp: 532623

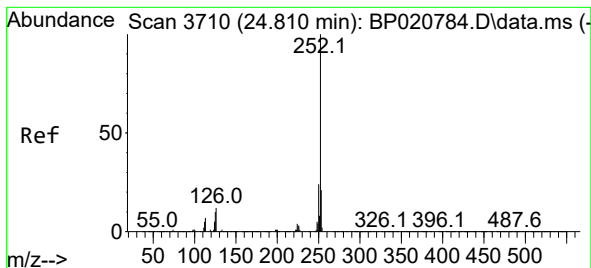
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.6 7.9 11.9





#93

Benzo(a)pyrene

Concen: 2.390 ng/ul

RT: 24.816 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

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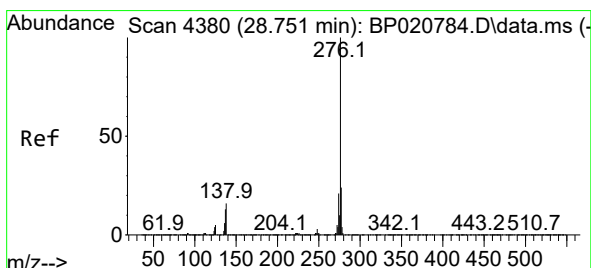
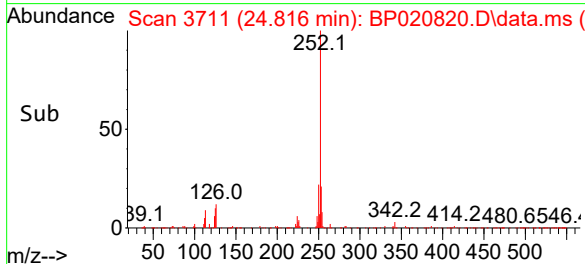
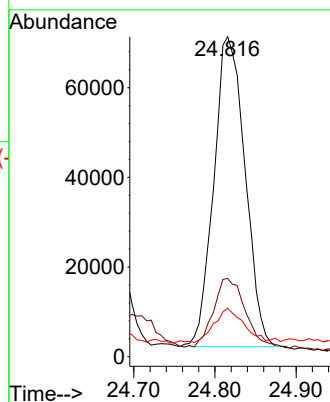
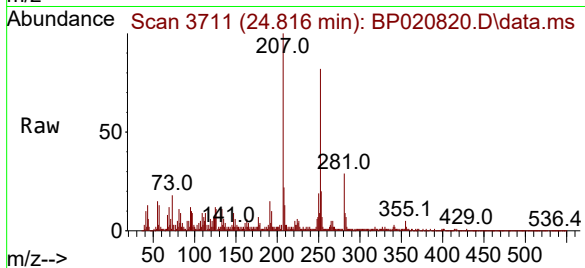
Tgt Ion:252 Resp: 184497

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

125 15.2 8.7 13.1#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.901 ng/ul

RT: 28.780 min Scan# 4385

Delta R.T. 0.018 min

Lab File: BP020820.D

Acq: 06 Jul 2024 14:46

Tgt Ion:276 Resp: 188261

Ion Ratio Lower Upper

276 100

138 19.6 15.2 22.8

277 25.7 19.0 28.4

