

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021081.D
 Acq On : 19 Jul 2024 17:07
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 20 00:37:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

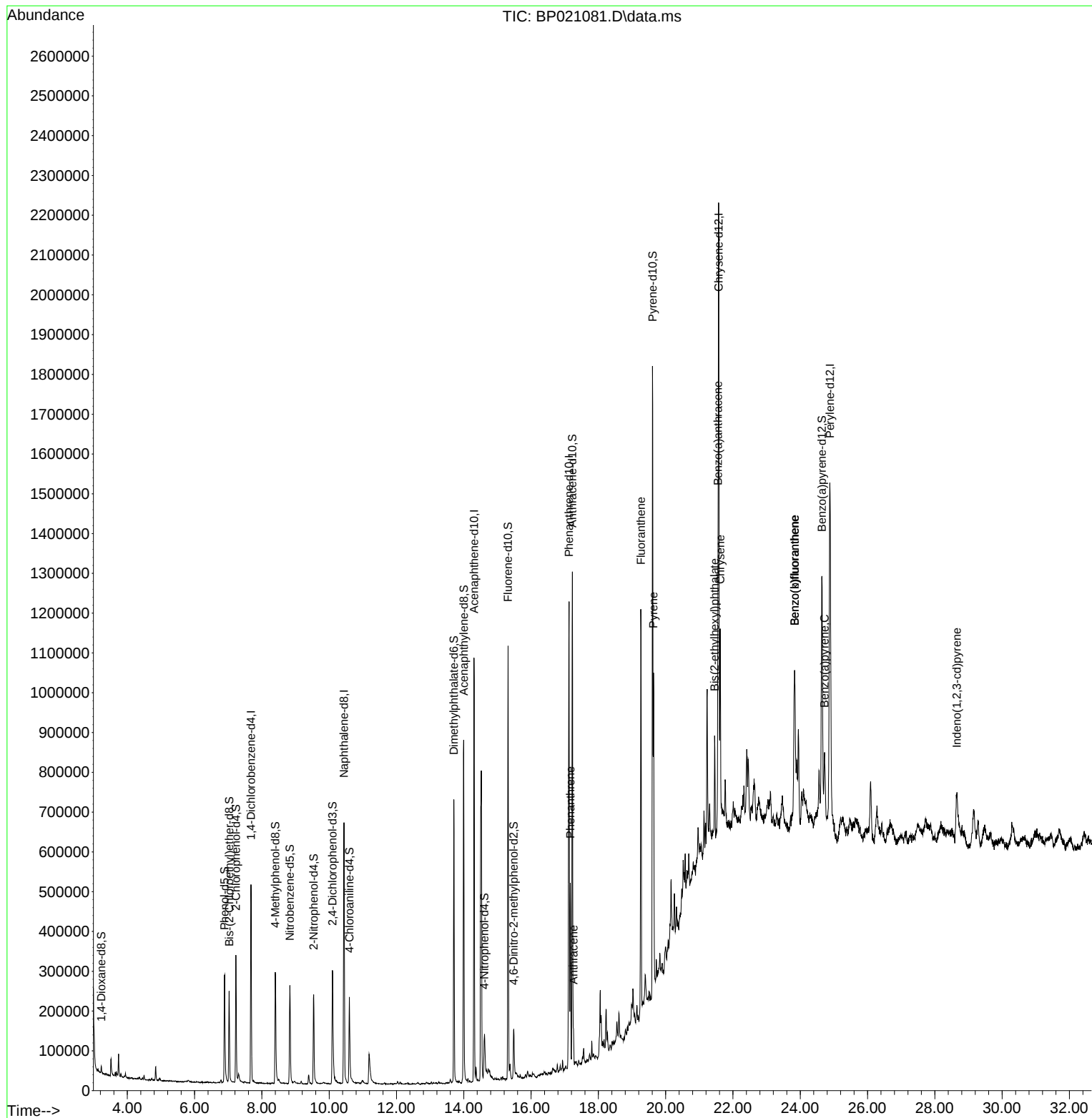
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	136128	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.440	136	562438	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	364360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	786833	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	771897	20.000	ng/u1	0.00
88) Perylene-d12	24.880	264	954747	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	8426	2.817	ng/uL	0.00
4) Pyridine-d5	3.658	84	163	0.019	ng/u1	0.00
7) Phenol-d5	6.893	99	181073	16.316	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	104663	15.562	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.228	132	152233	16.649	ng/u1	-0.01
15) 4-Methylphenol-d8	8.399	113	133356	14.468	ng/u1	-0.02
21) Nitrobenzene-d5	8.834	128	73714	16.874	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	83273	16.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	141811	15.685	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	129259	10.792	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	474957	17.932	ng/u1	-0.01
49) Acenaphthylene-d8	13.998	160	548070	18.428	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	46665	12.383	ng/u1	0.01
60) Fluorene-d10	15.316	176	432433	19.901	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	36074	7.577	ng/u1	0.00
73) Anthracene-d10	17.228	188	702791	20.110	ng/u1	0.00
81) Pyrene-d10	19.610	212	814693	17.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	727136	15.442	ng/u1	-0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.169	178	291532	7.142	ng/u1	99
74) Anthracene	17.263	178	55371	1.331	ng/u1	98
80) Fluoranthene	19.263	202	678961	11.781	ng/u1	99
82) Pyrene	19.639	202	512076	8.732	ng/u1	99
85) Benzo(a)anthracene	21.557	228	307191	5.681	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	110159	3.133	ng/u1	99
87) Chrysene	21.621	228	345407	6.875	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	484607	8.364	ng/u1	96
91) Benzo(k)fluoranthene	23.833	252	484607	8.381	ng/u1	97
93) Benzo(a)pyrene	24.721	252	199616	3.646	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.656	276	198235	2.810	ng/u1	97

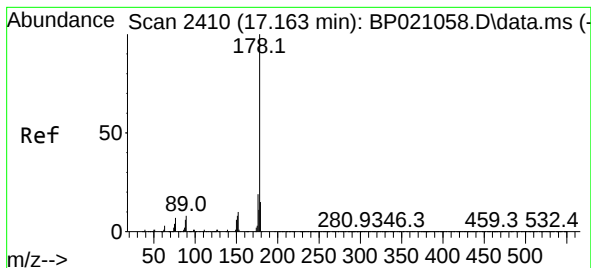
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 7.142 ng/ul

RT: 17.169 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

BNA_P

ClientSampleId :

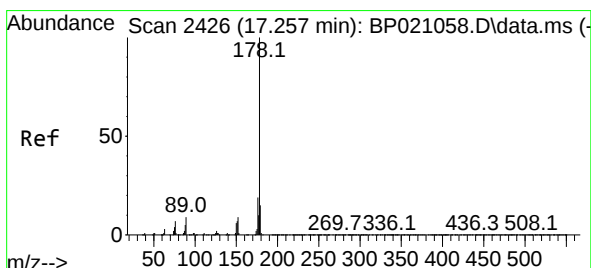
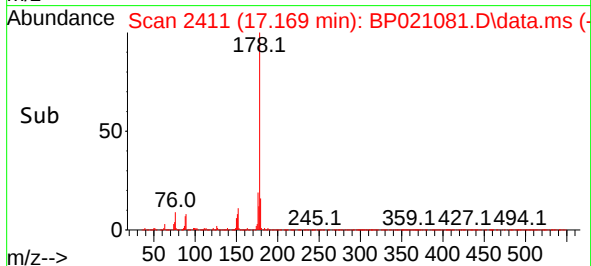
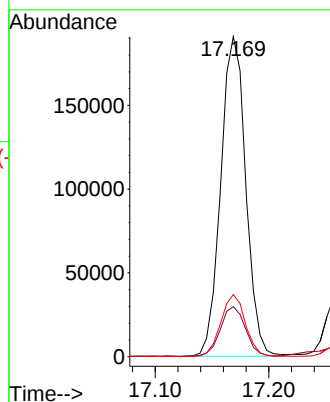
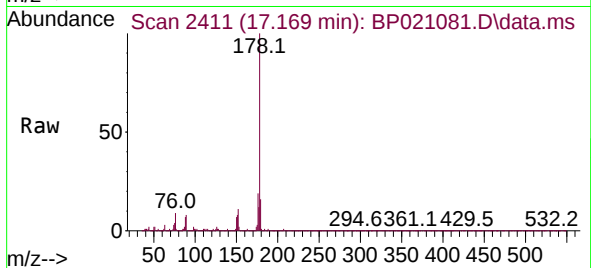
Tgt Ion:178 Resp: 291532

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.4 15.0 22.4



#74

Anthracene

Concen: 1.331 ng/ul

RT: 17.263 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

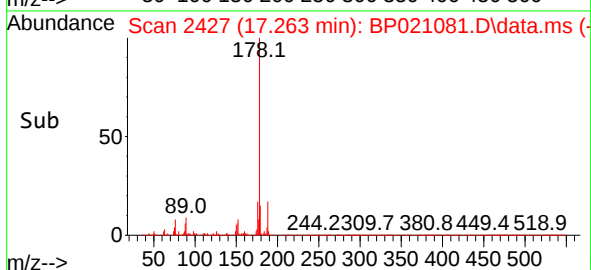
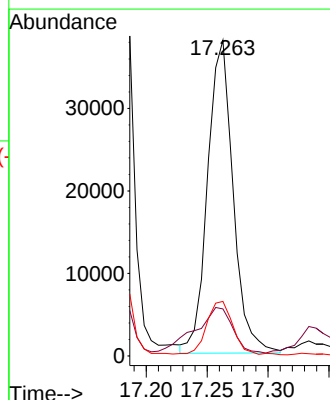
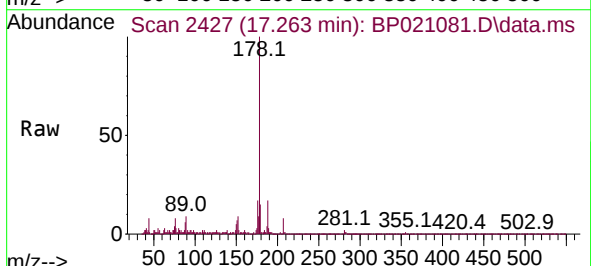
Tgt Ion:178 Resp: 55371

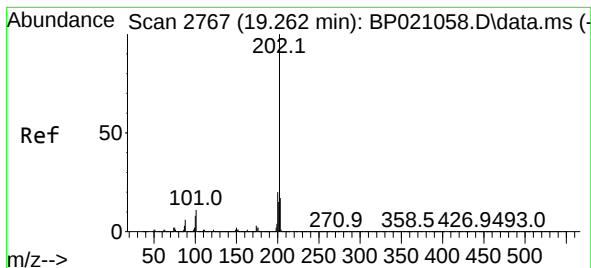
Ion Ratio Lower Upper

178 100

179 14.9 12.5 18.7

176 17.3 14.8 22.2





#80

Fluoranthene

Concen: 11.781 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

BNA_P

ClientSampleId :

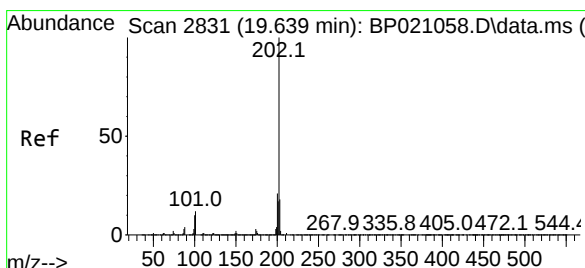
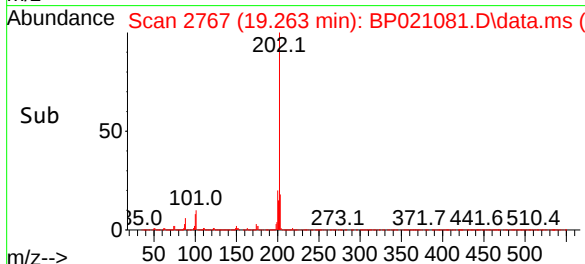
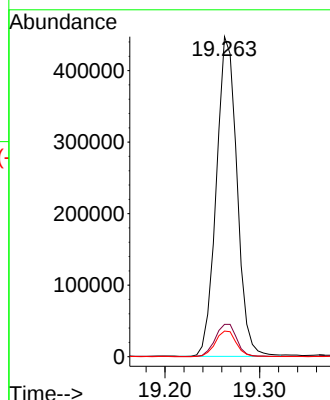
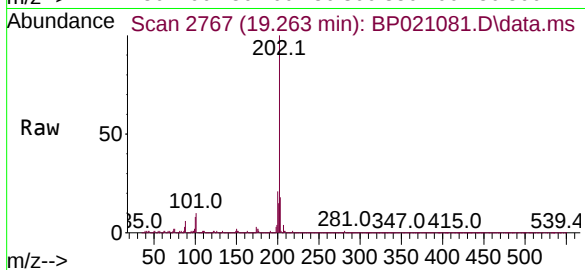
Tgt Ion:202 Resp: 678961

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

100 8.0 6.1 9.1



#82

Pyrene

Concen: 8.732 ng/ul

RT: 19.639 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

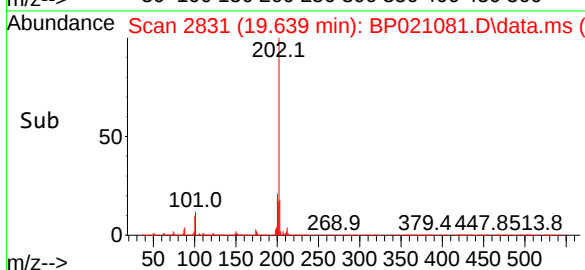
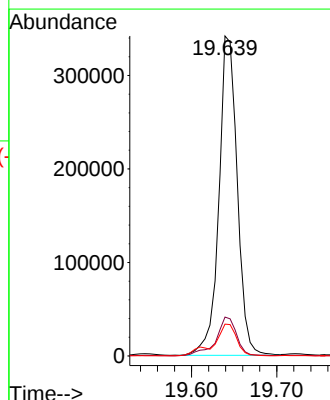
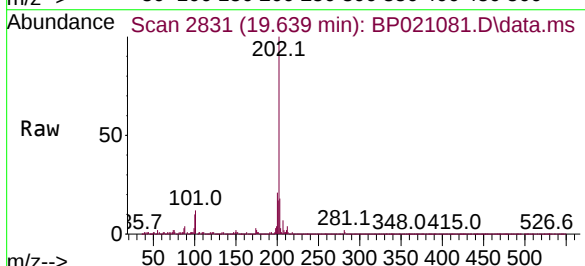
Tgt Ion:202 Resp: 512076

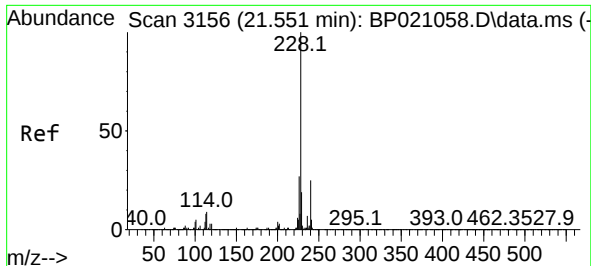
Ion Ratio Lower Upper

202 100

101 12.1 9.4 14.2

100 9.9 7.8 11.6

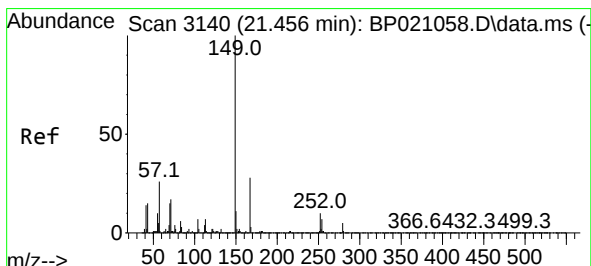
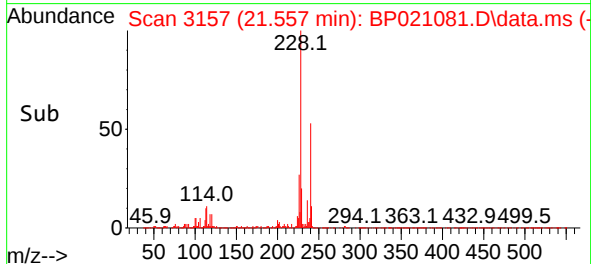
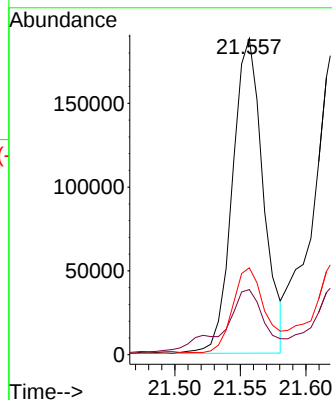
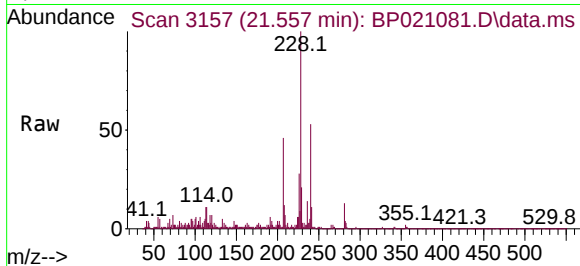




#85
Benzo(a)anthracene
Concen: 5.681 ng/ul
RT: 21.557 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07

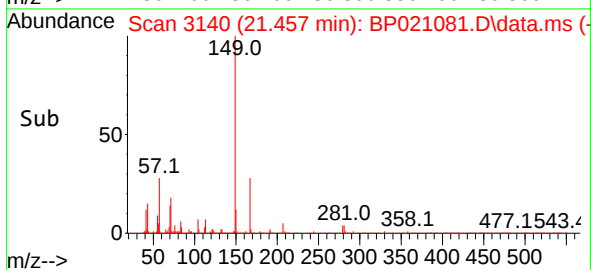
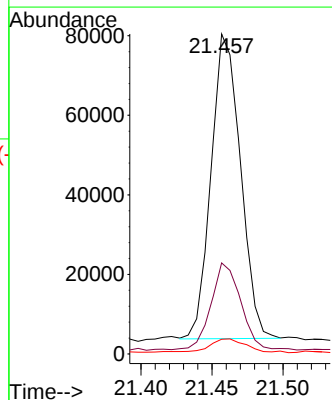
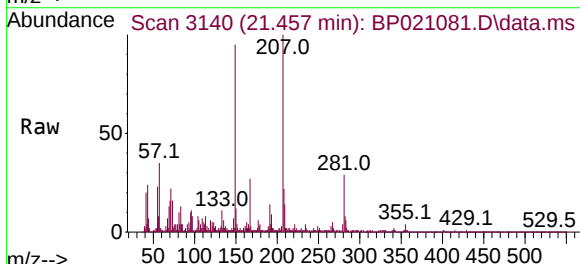
Instrument :
BNA_P
ClientSampleId :

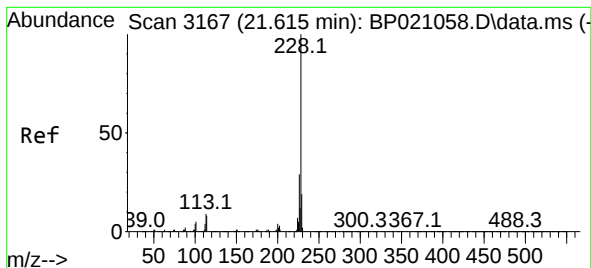
Tgt Ion:228 Resp: 307191
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 27.5 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.133 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP021081.D
Acq: 19 Jul 2024 17:07

Tgt Ion:149 Resp: 110159
Ion Ratio Lower Upper
149 100
167 28.5 22.1 33.1
279 4.6 3.7 5.5





#87

Chrysene

Concen: 6.875 ng/ul

RT: 21.621 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

BNA_P

ClientSampleId :

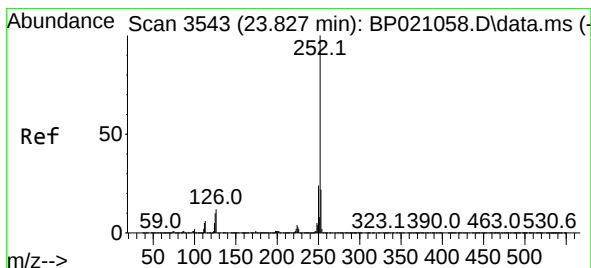
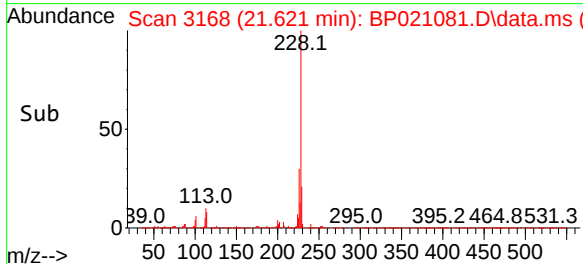
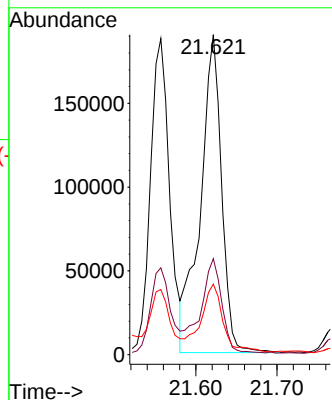
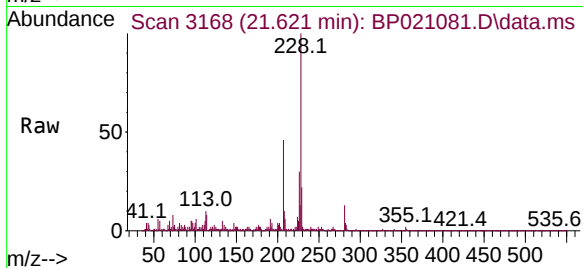
Tgt Ion:228 Resp: 345407

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 22.1 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.364 ng/ul

RT: 23.833 min Scan# 3544

Delta R.T. -0.018 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

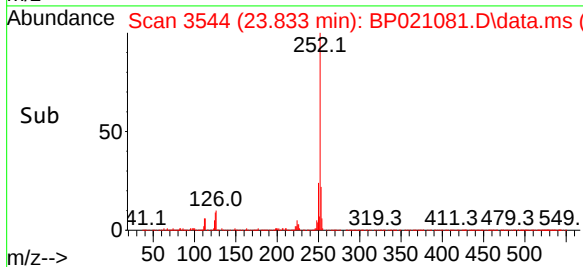
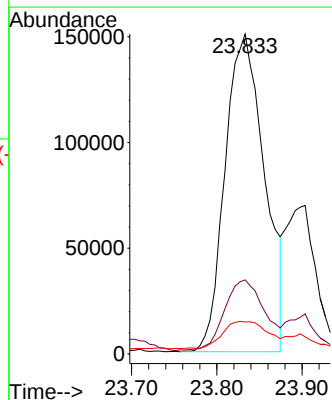
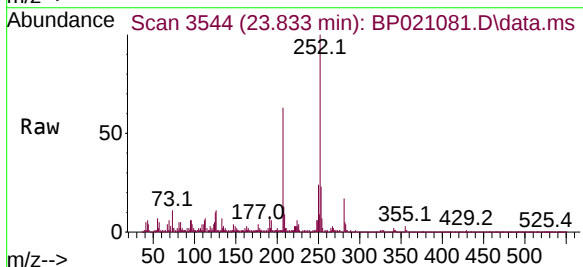
Tgt Ion:252 Resp: 484607

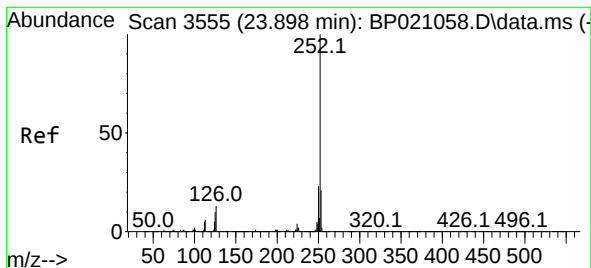
Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 10.0 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 8.381 ng/ul

RT: 23.833 min Scan# 3555

Delta R.T. -0.088 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

Instrument :

BNA_P

ClientSampleId :

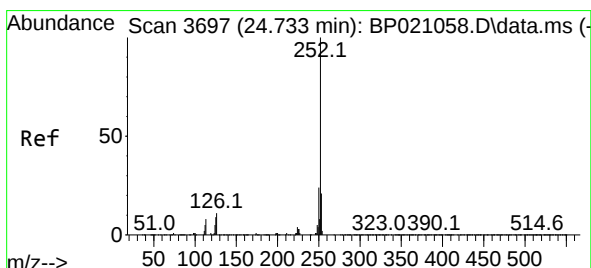
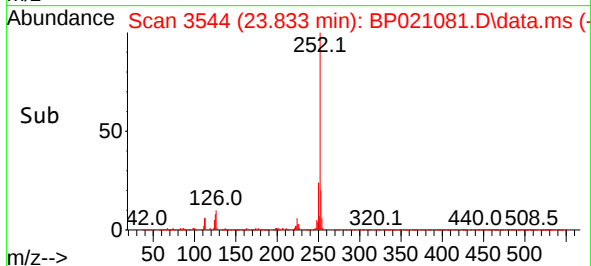
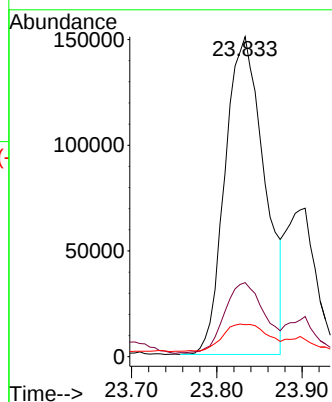
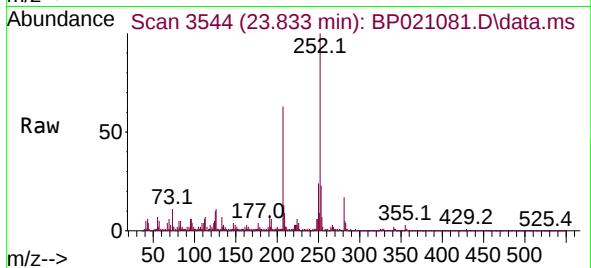
Tgt Ion:252 Resp: 484607

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 10.0 7.4 11.0



#93

Benzo(a)pyrene

Concen: 3.646 ng/ul

RT: 24.721 min Scan# 3695

Delta R.T. -0.041 min

Lab File: BP021081.D

Acq: 19 Jul 2024 17:07

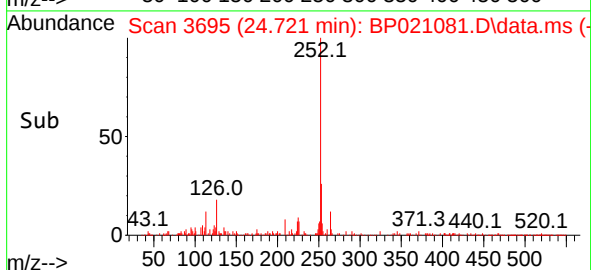
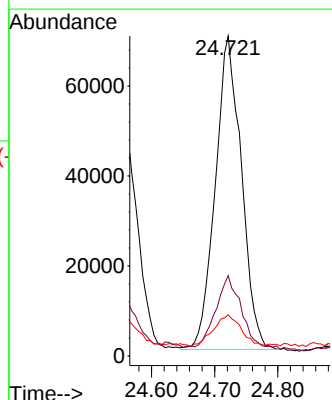
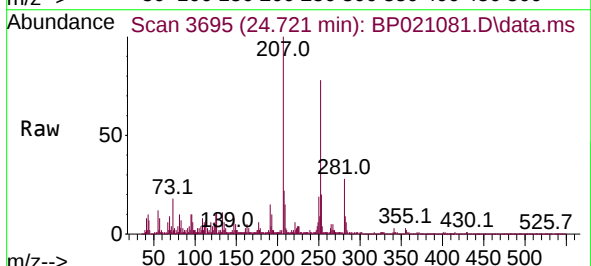
Tgt Ion:252 Resp: 199616

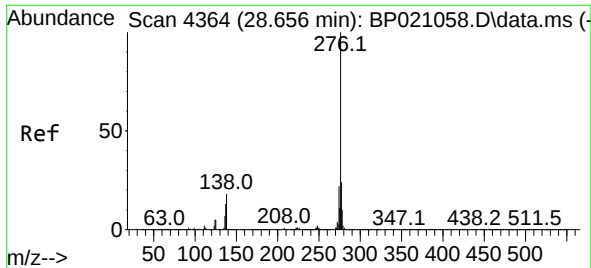
Ion Ratio Lower Upper

252 100

253 25.1 17.4 26.0

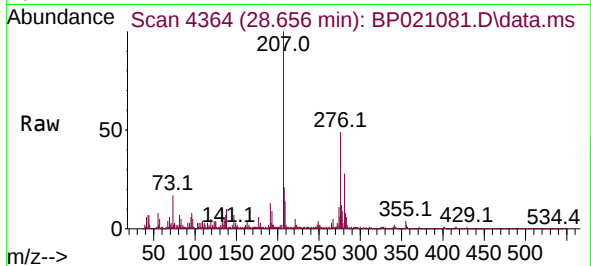
125 12.9 7.7 11.5#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.810 ng/ul
 RT: 28.656 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: BP021081.D
 Acq: 19 Jul 2024 17:07

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 198235
 Ion Ratio Lower Upper
 276 100
 138 20.5 14.3 21.5
 277 24.5 19.2 28.8

