

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011506.D
 Acq On : 19 Aug 2022 14:18
 Operator : CG/JU
 Sample : N4210-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 20 04:36:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

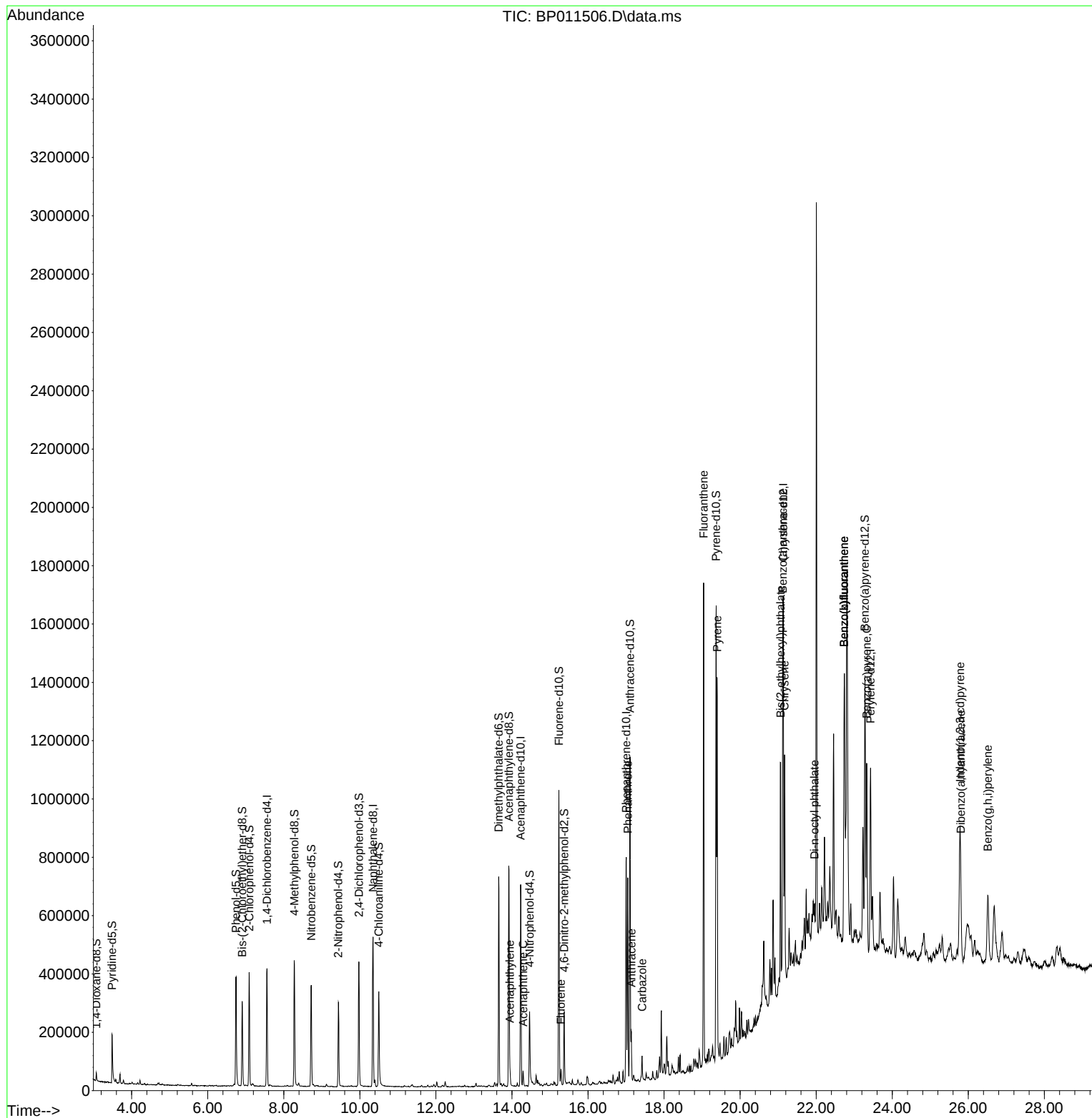
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	92699	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	382801	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	207288	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	407526	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	377104	20.000	ng/u1	0.00
88) Perylene-d12	23.427	264	394198	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	11491	3.847	ng/uL	0.00
4) Pyridine-d5	3.481	84	85206	11.141	ng/u1	0.00
7) Phenol-d5	6.740	99	190785	22.396	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	123465	22.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	155465	24.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	150579	22.084	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	72510	26.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	76898	27.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	130458	25.198	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	167827	19.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	409087	27.903	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	448478	27.523	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	57763	20.449	ng/u1	0.00
60) Fluorene-d10	15.234	176	336372	27.271	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	37383	16.976	ng/u1	0.00
73) Anthracene-d10	17.104	188	540381	29.940	ng/u1	0.00
81) Pyrene-d10	19.369	212	620844	32.540	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.280	264	607244	31.668	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	13.945	152	27574	1.424	ng/u1	97
52) Acenaphthene	14.293	153	18477	1.425	ng/u1	100
61) Fluorene	15.287	166	17782	1.216	ng/u1#	97
72) Phenanthrene	17.045	178	357506	16.208	ng/u1	100
74) Anthracene	17.139	178	92310	4.148	ng/u1	99
77) Carbazole	17.422	167	46000	2.198	ng/u1	98
80) Fluoranthene	19.039	202	830593	35.399	ng/u1	99
82) Pyrene	19.398	202	692619	28.094	ng/u1	97
85) Benzo(a)anthracene	21.122	228	392411	17.080	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.063	149	258471	15.793	ng/u1	99
87) Chrysene	21.169	228	376271	16.672	ng/u1	98
89) Di-n-octyl phthalate	21.957	149	45107	1.423	ng/u1	100
90) Benzo(b)fluoranthene	22.733	252	579882	23.649	ng/u1	98
91) Benzo(k)fluoranthene	22.733	252	579882	24.781	ng/u1	99
93) Benzo(a)pyrene	23.327	252	376546	15.729	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.786	276	301278	11.283	ng/u1	96
95) Dibenzo(a,h)anthracene	25.804	278	72926	3.172	ng/u1	93
96) Benzo(g,h,i)perylene	26.515	276	258029	11.360	ng/u1	98

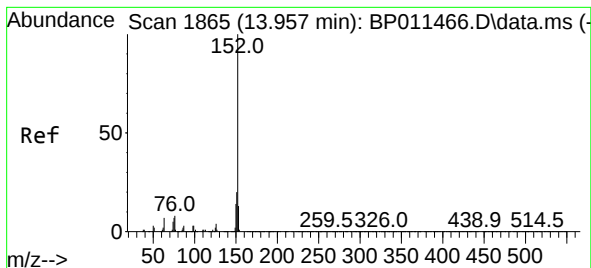
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.424 ng/ul

RT: 13.945 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BP011506.D

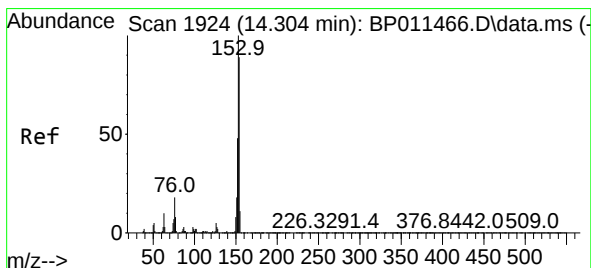
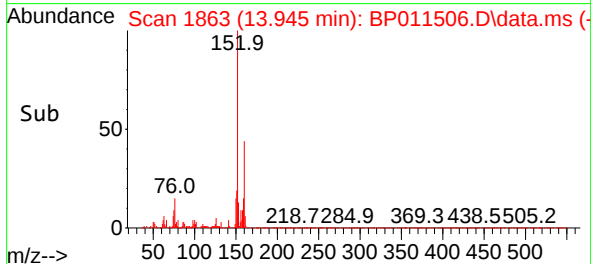
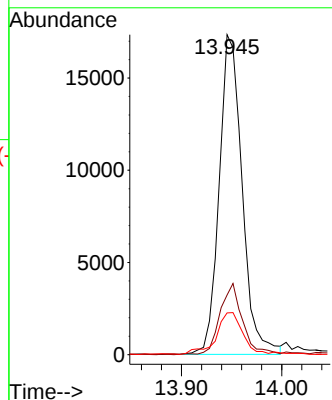
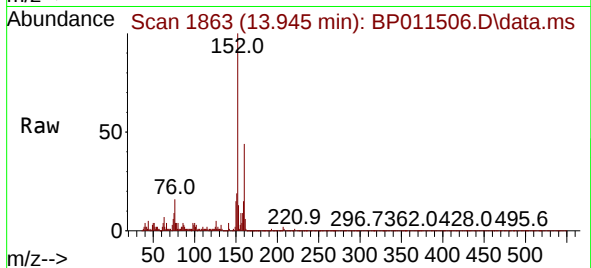
Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:152	Resp:	27574
Ion Ratio	Lower	Upper
152	100	
151	18.7	16.9 25.3
153	13.1	10.6 15.8



#52

Acenaphthene

Concen: 1.425 ng/ul

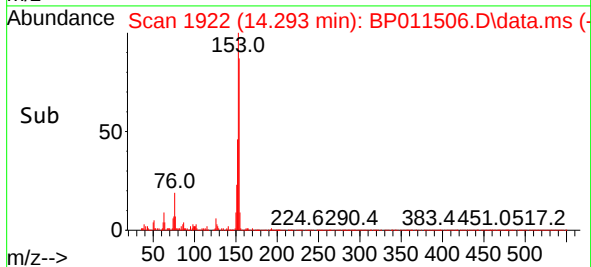
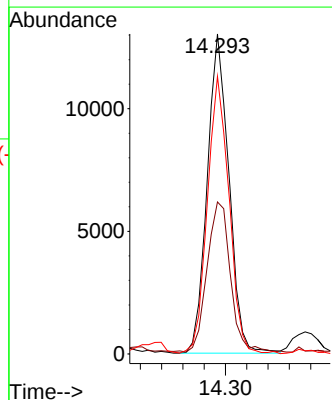
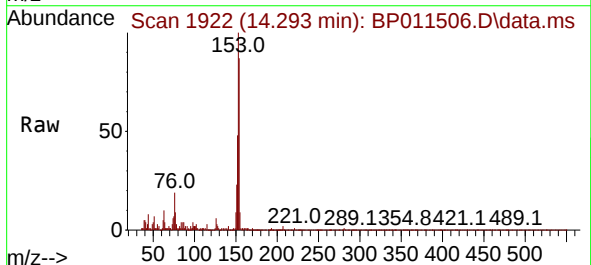
RT: 14.293 min Scan# 1922

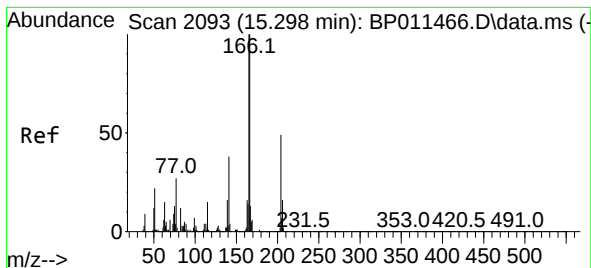
Delta R.T. -0.006 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Tgt Ion:153	Resp:	18477
Ion Ratio	Lower	Upper
153	100	
152	47.5	37.7 56.5
154	86.7	69.4 104.0





#61

Fluorene

Concen: 1.216 ng/ul

RT: 15.287 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

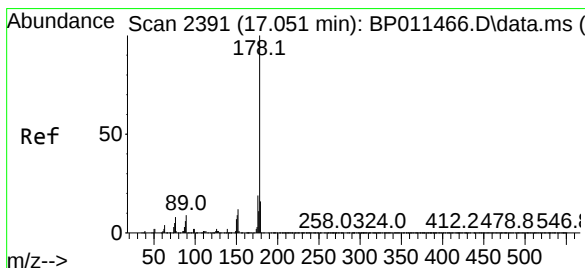
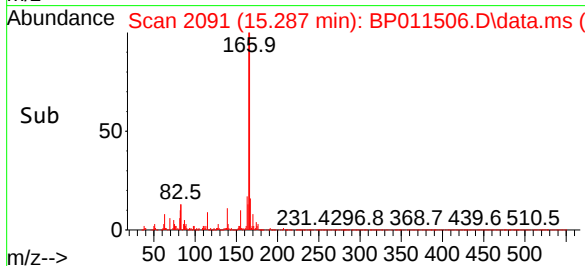
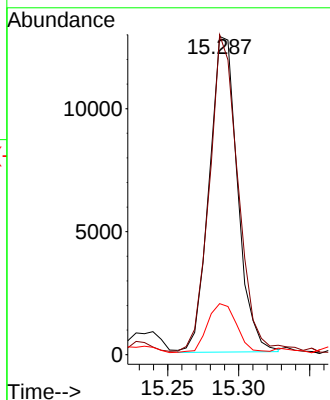
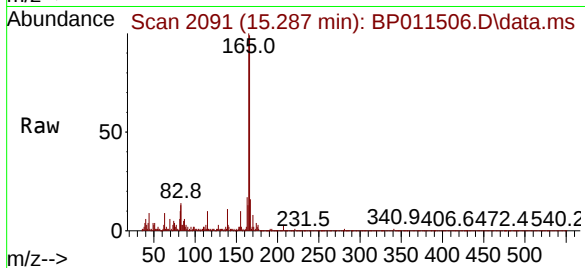
Tgt Ion:166 Resp: 17782

Ion Ratio Lower Upper

166 100

165 100.5 78.2 117.2

167 16.0 10.3 15.5#



#72

Phenanthrene

Concen: 16.208 ng/ul

RT: 17.045 min Scan# 2390

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

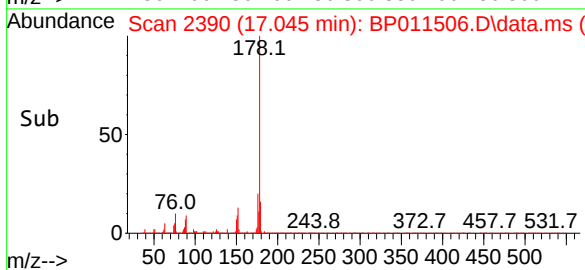
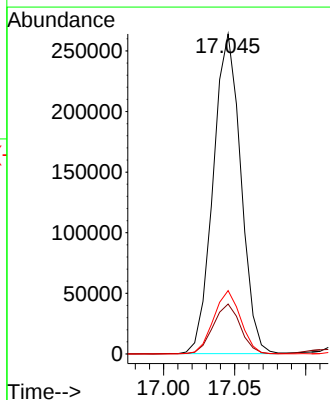
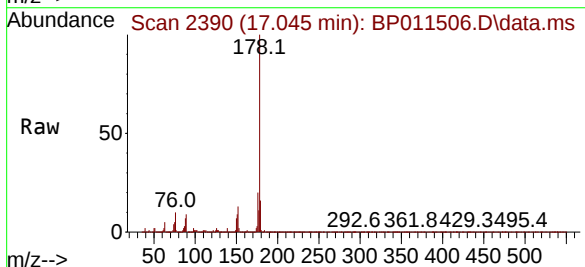
Tgt Ion:178 Resp: 357506

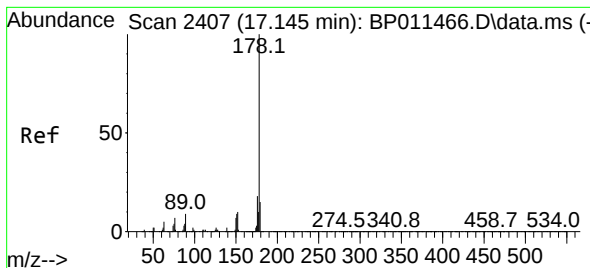
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.8 15.8 23.8





#74

Anthracene

Concen: 4.148 ng/ul

RT: 17.139 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BP011506.D

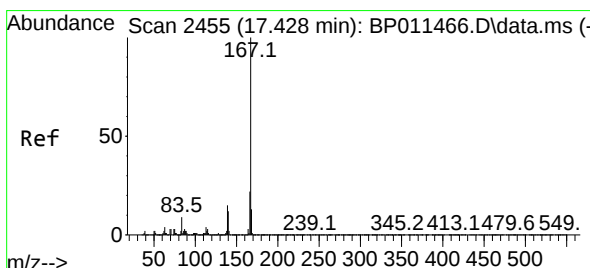
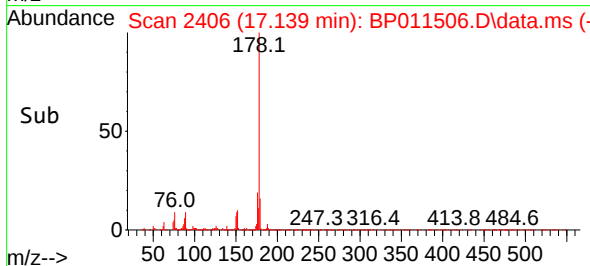
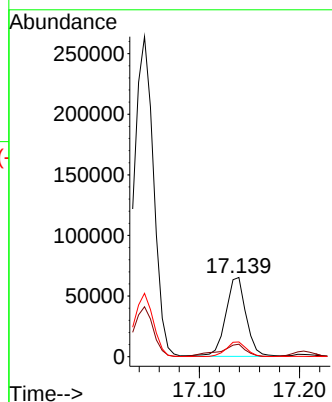
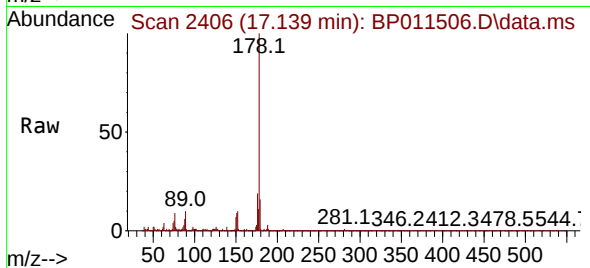
Acq: 19 Aug 2022 14:18

Instrument :

BNP_P

ClientSampleId :

Tgt Ion:178	Resp:	92310
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.2 18.2
176	18.6	15.4 23.0



#77

Carbazole

Concen: 2.198 ng/ul

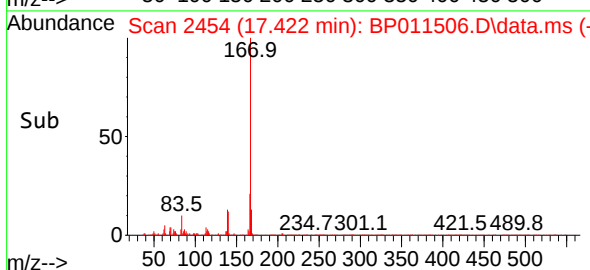
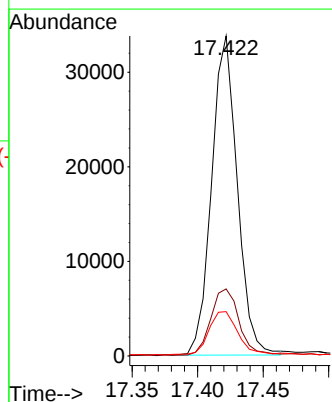
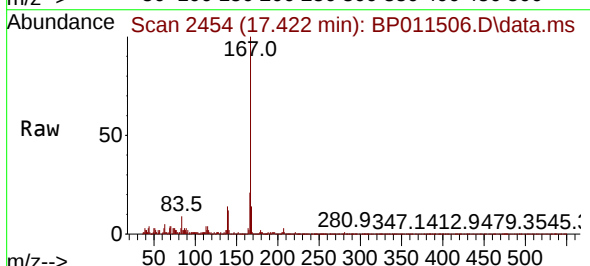
RT: 17.422 min Scan# 2454

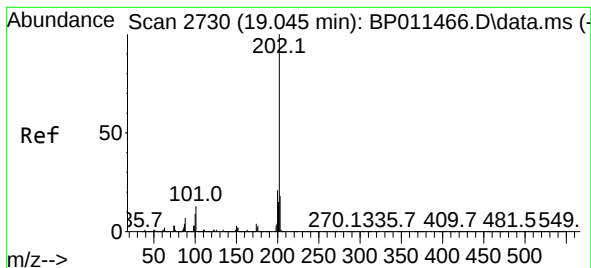
Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Tgt Ion:167	Resp:	46000
Ion Ratio	Lower	Upper
167	100	
166	21.0	17.5 26.3
139	13.9	12.1 18.1





#80

Fluoranthene

Concen: 35.399 ng/ul

RT: 19.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

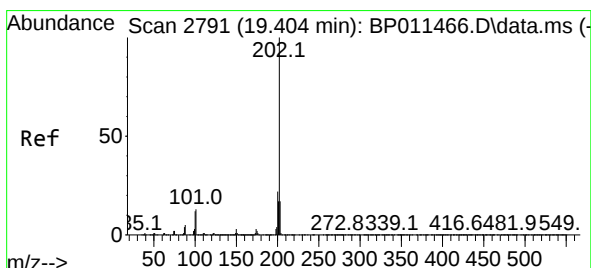
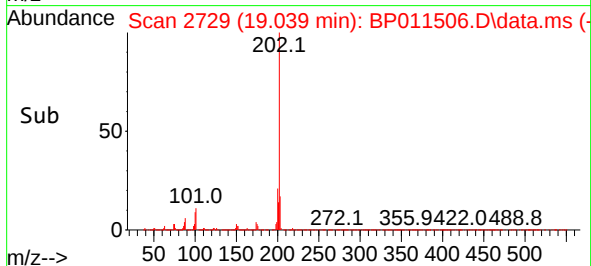
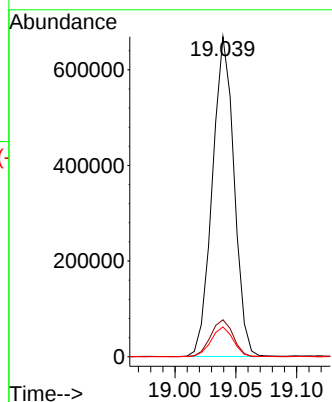
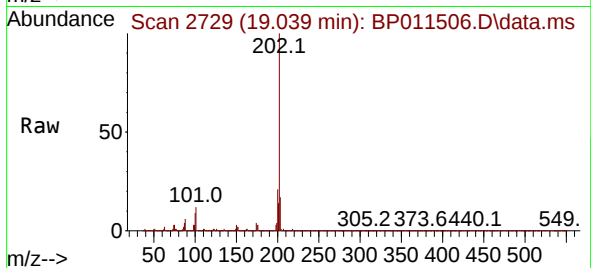
Tgt Ion:202 Resp: 830593

Ion Ratio Lower Upper

202 100

101 11.5 9.5 14.3

100 9.3 7.9 11.9



#82

Pyrene

Concen: 28.094 ng/ul

RT: 19.398 min Scan# 2790

Delta R.T. 0.006 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

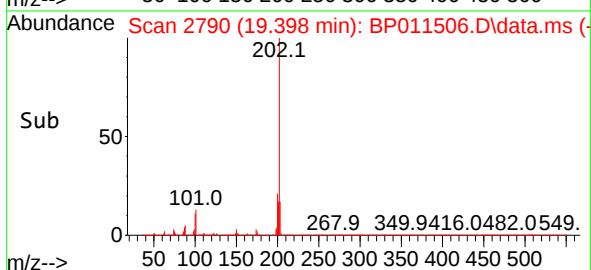
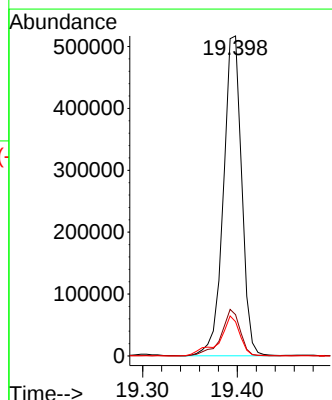
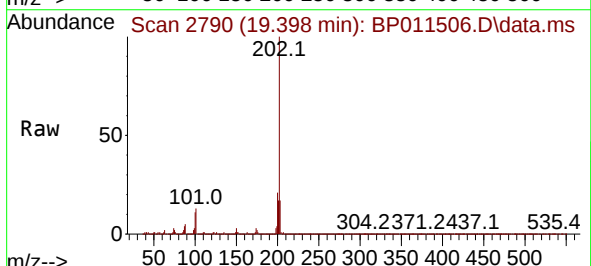
Tgt Ion:202 Resp: 692619

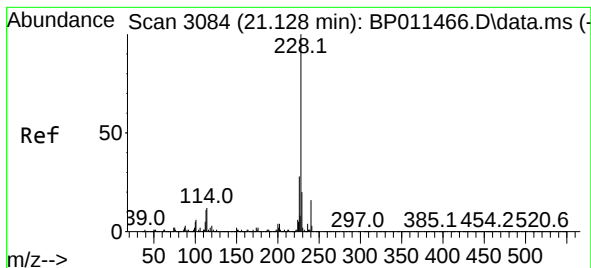
Ion Ratio Lower Upper

202 100

101 12.9 11.4 17.2

100 10.7 9.4 14.0





#85

Benzo(a)anthracene

Concen: 17.080 ng/ul

RT: 21.122 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

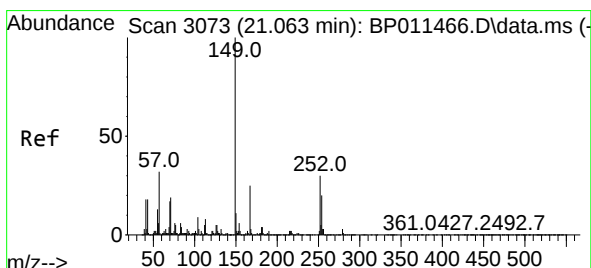
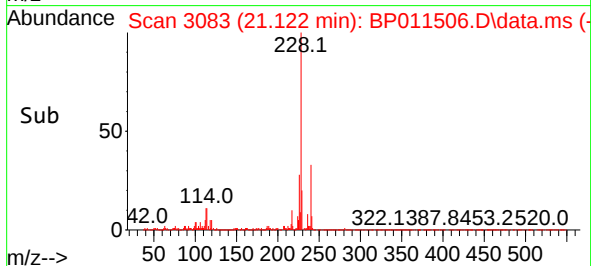
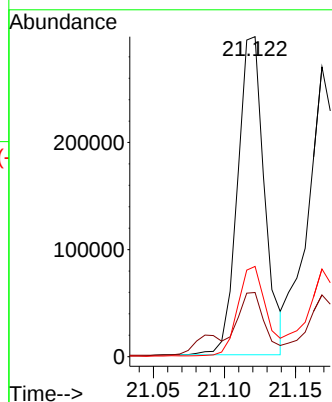
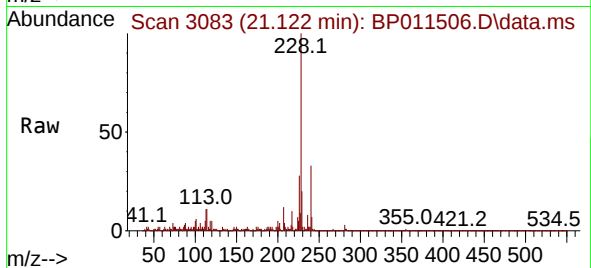
Tgt Ion:228 Resp: 392411

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

226 28.2 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 15.793 ng/ul

RT: 21.063 min Scan# 3073

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

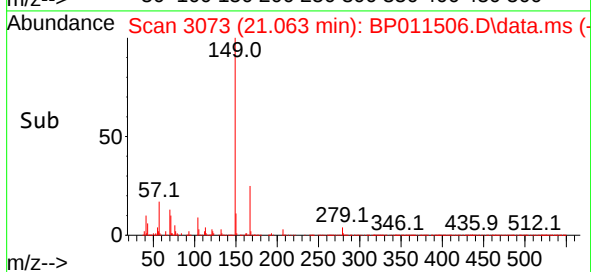
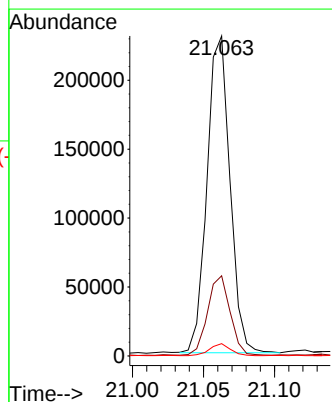
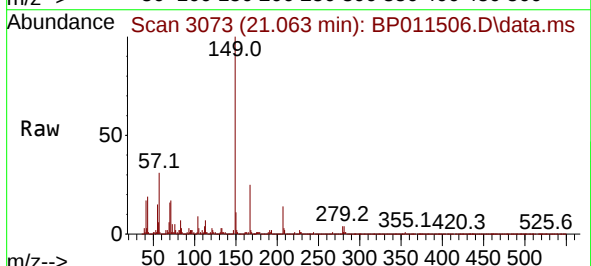
Tgt Ion:149 Resp: 258471

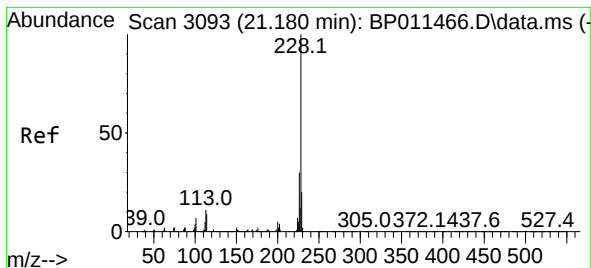
Ion Ratio Lower Upper

149 100

167 25.0 19.8 29.8

279 3.8 2.7 4.1





#87

Chrysene

Concen: 16.672 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

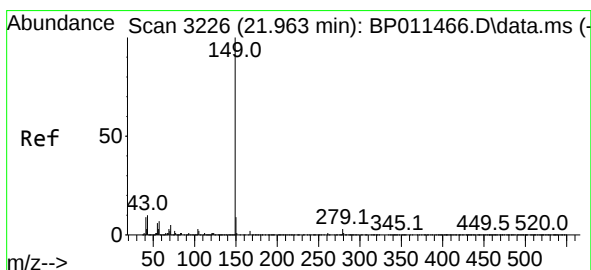
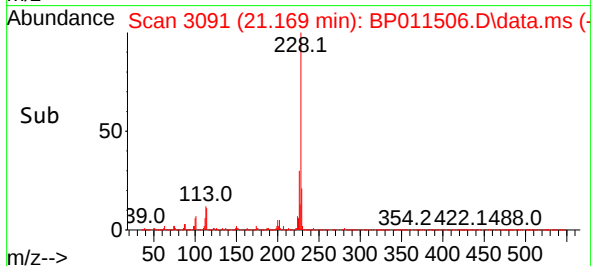
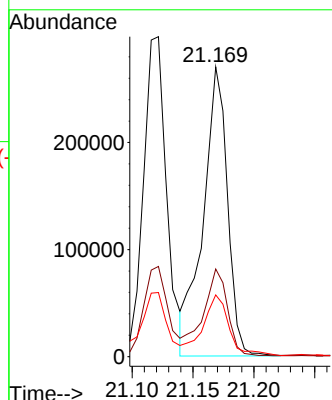
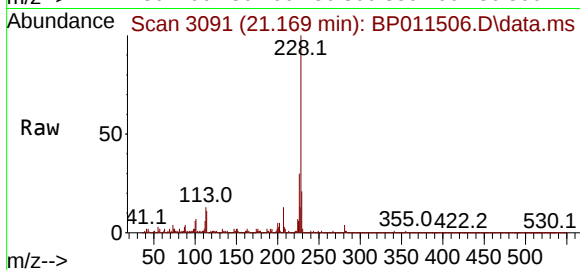
Tgt Ion:228 Resp: 376271

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 21.3 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 1.423 ng/ul

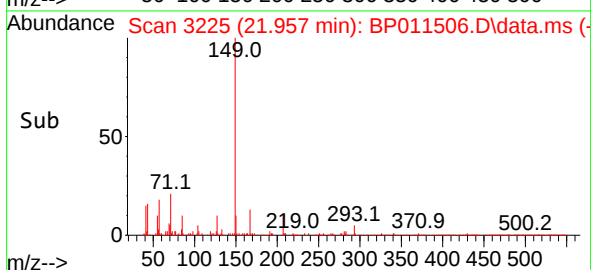
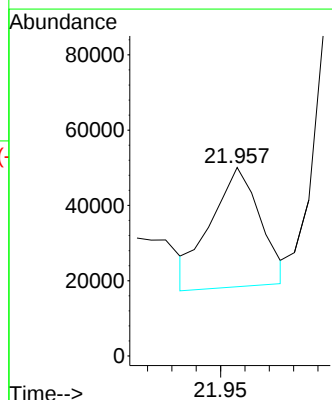
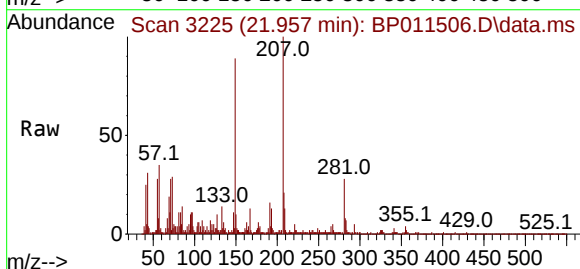
RT: 21.957 min Scan# 3225

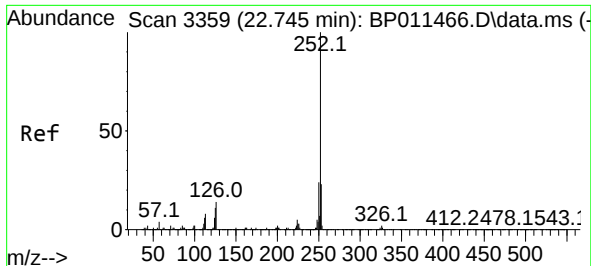
Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Tgt Ion:149 Resp: 45107

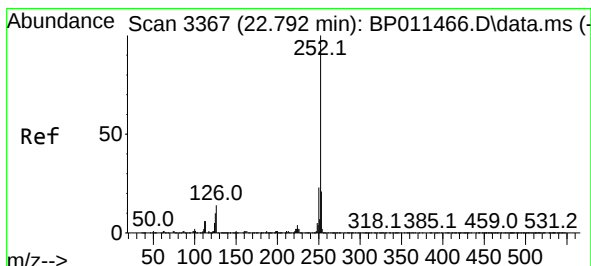
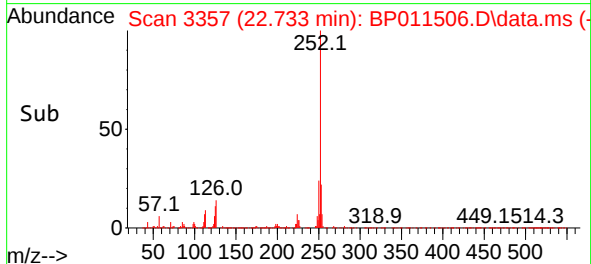
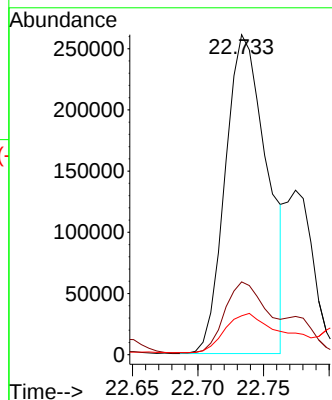
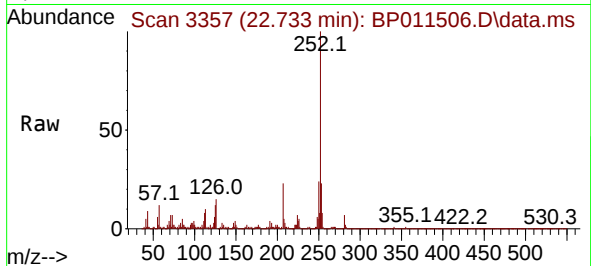




#90
Benzo(b)fluoranthene
Concen: 23.649 ng/uI
RT: 22.733 min Scan# 3357
Delta R.T. 0.006 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

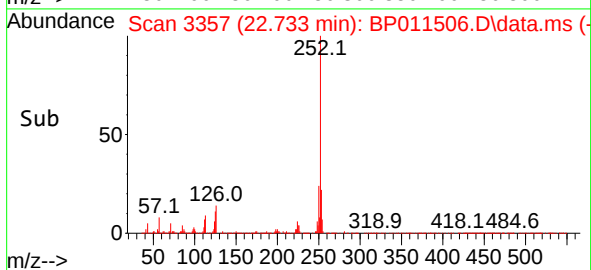
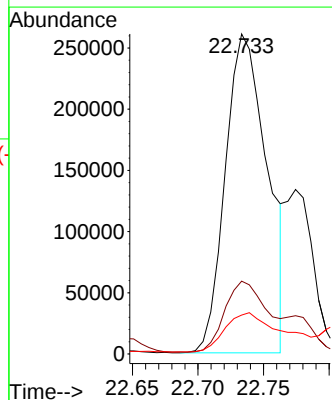
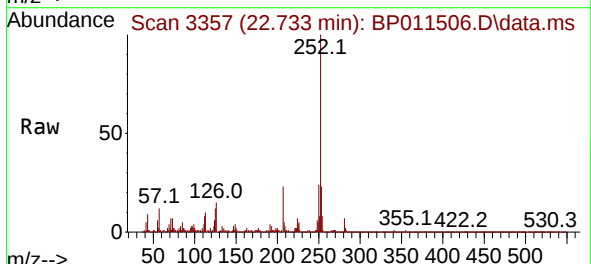
Instrument :
BNA_P
ClientSampleId :

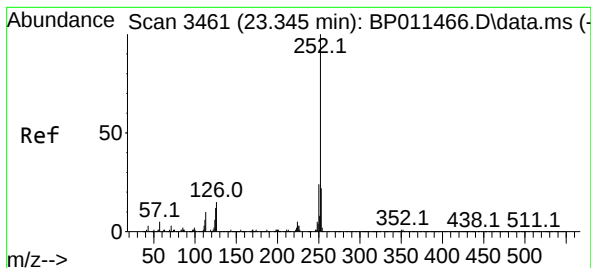
Tgt Ion:252 Resp: 579882
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.1 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 24.781 ng/uI
RT: 22.733 min Scan# 3357
Delta R.T. -0.041 min
Lab File: BP011506.D
Acq: 19 Aug 2022 14:18

Tgt Ion:252 Resp: 579882
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 12.1 9.8 14.8





#93

Benzo(a)pyrene

Concen: 15.729 ng/ul

RT: 23.327 min Scan# 3461

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_P

ClientSampleId :

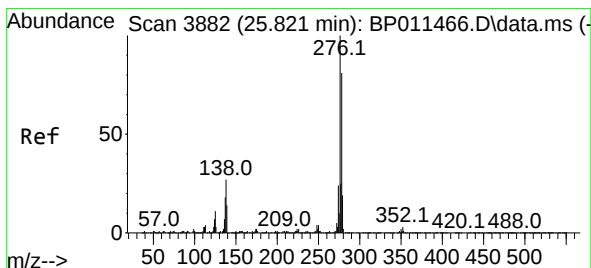
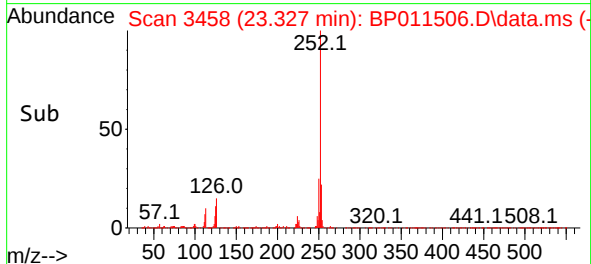
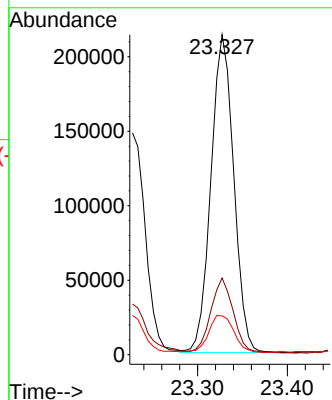
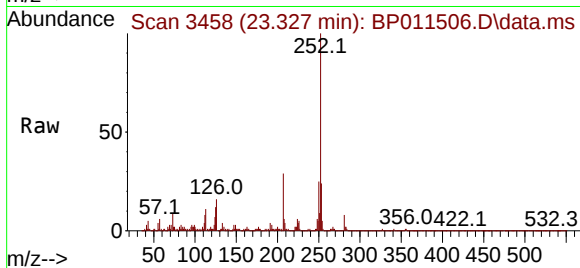
Tgt Ion:252 Resp: 376546

Ion Ratio Lower Upper

252 100

253 23.9 16.8 25.2

125 12.1 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.283 ng/ul

RT: 25.786 min Scan# 3876

Delta R.T. -0.000 min

Lab File: BP011506.D

Acq: 19 Aug 2022 14:18

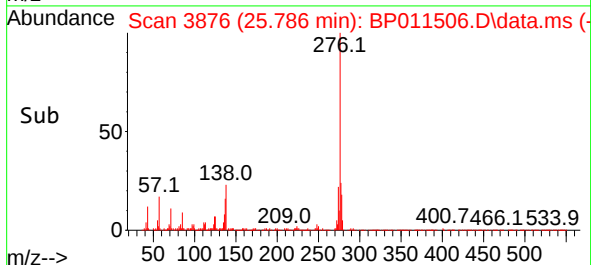
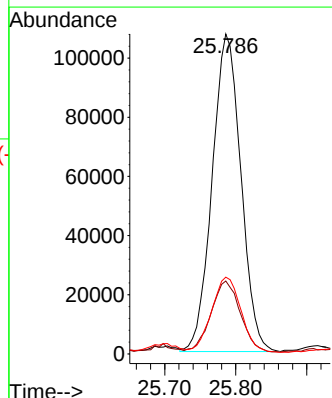
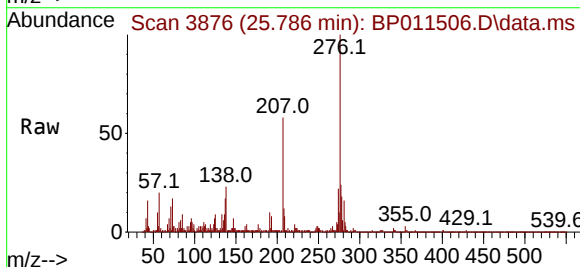
Tgt Ion:276 Resp: 301278

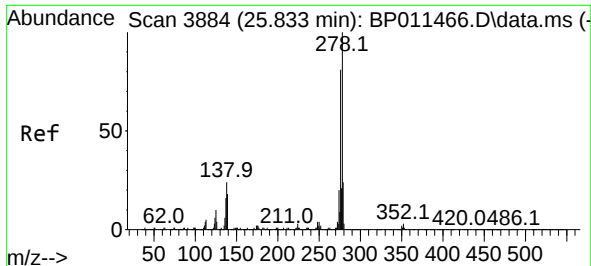
Ion Ratio Lower Upper

276 100

138 22.8 20.2 30.4

277 24.0 20.1 30.1

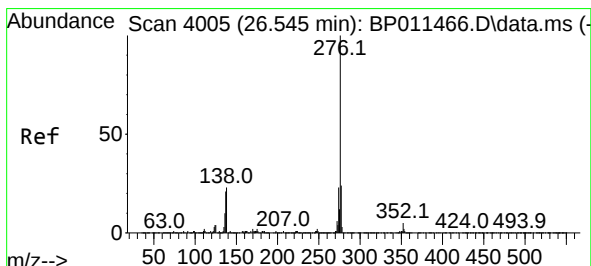
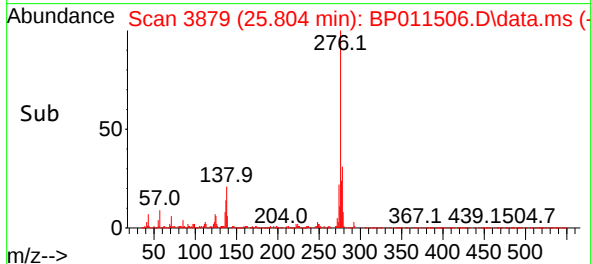
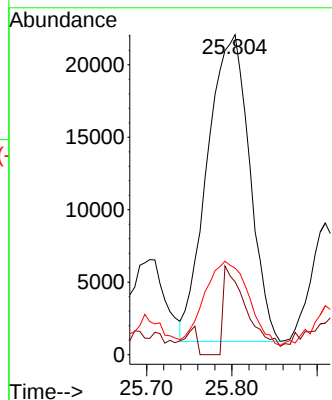
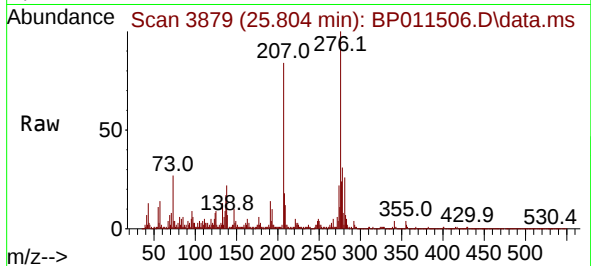




#95
 Dibenzo(a,h)anthracene
 Concen: 3.172 ng/ul
 RT: 25.804 min Scan# 3884
 Delta R.T. -0.000 min
 Lab File: BP011506.D
 Acq: 19 Aug 2022 14:18

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 72926
 Ion Ratio Lower Upper
 278 100
 139 22.8 15.4 23.0
 279 27.0 19.3 28.9



#96
 Benzo(g,h,i)perylene
 Concen: 11.360 ng/ul
 RT: 26.515 min Scan# 4000
 Delta R.T. 0.006 min
 Lab File: BP011506.D
 Acq: 19 Aug 2022 14:18

Tgt Ion:276 Resp: 258029
 Ion Ratio Lower Upper
 276 100
 138 25.5 19.4 29.2
 277 24.5 19.1 28.7

