

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011523.D
 Acq On : 20 Aug 2022 00:42
 Operator : CG/JU
 Sample : N4210-05DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

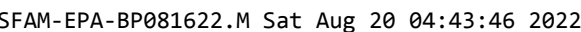
Quant Time: Aug 20 04:43:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

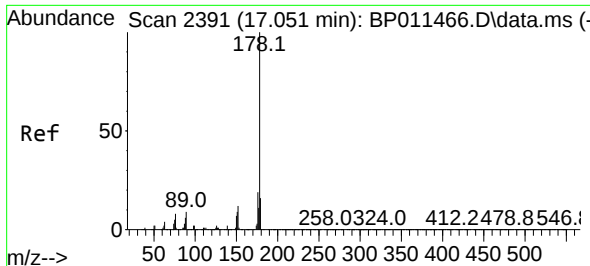
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	91790	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	373447	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.222	164	202791	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.992	188	404600	20.000	ng/u1	-0.01
79) Chrysene-d12	21.121	240	439436	20.000	ng/u1	-0.01
88) Perylene-d12	23.410	264	489048	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	2495	0.844	ng/uL	0.00
4) Pyridine-d5	3.493	84	11494	1.518	ng/u1	0.01
7) Phenol-d5	6.740	99	33773	4.004	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	24690	4.505	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	28252	4.554	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	23784	3.523	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	12886	4.793	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.434	143	12026	4.395	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	22466	4.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	22914	2.725	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	76616	5.342	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	80329	5.039	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	3473	1.257	ng/u1	0.00
60) Fluorene-d10	15.228	176	67555	5.598	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	5711	2.612	ng/u1	0.00
73) Anthracene-d10	17.092	188	103726	5.789	ng/u1	-0.01
81) Pyrene-d10	19.357	212	126298	5.681	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.257	264	142289	5.981	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.033	178	59060	2.697	ng/u1	96
80) Fluoranthene	19.027	202	133836	4.895	ng/u1	98
82) Pyrene	19.386	202	119872	4.173	ng/u1	97
85) Benzo(a)anthracene	21.110	228	73439	2.743	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.051	149	738195	38.707	ng/u1	99
87) Chrysene	21.157	228	73156	2.782	ng/u1	97
90) Benzo(b)fluoranthene	22.715	252	115620	3.801	ng/u1#	95
91) Benzo(k)fluoranthene	22.757	252	39435	1.358	ng/u1#	93
93) Benzo(a)pyrene	23.304	252	75719	2.549	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	25.757	276	60638	1.830	ng/u1	98
96) Benzo(g,h,i)perylene	26.480	276	52224	1.853	ng/u1	98

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

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Response via : Initial Calibration

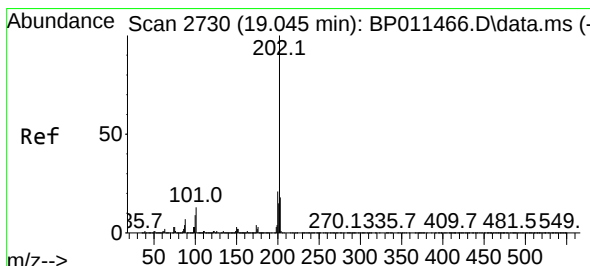
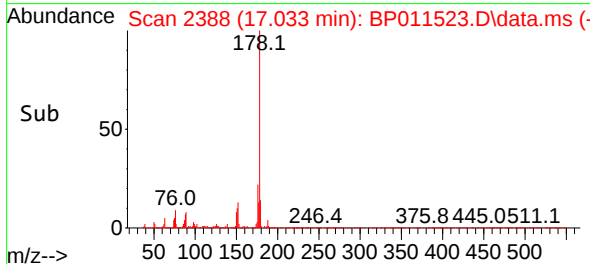
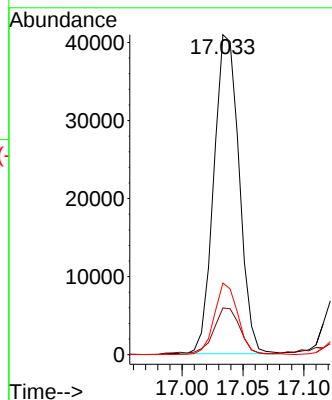
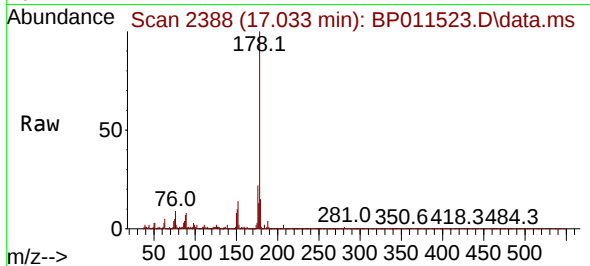




#72
Phenanthrene
Concen: 2.697 ng/ul
RT: 17.033 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP011523.D
Acq: 20 Aug 2022 00:42

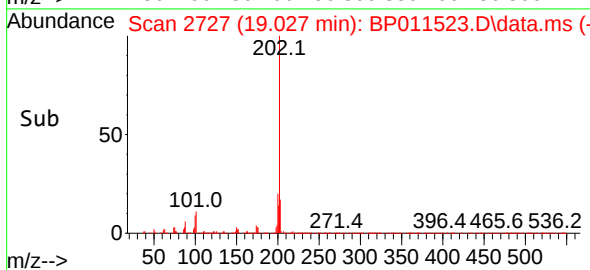
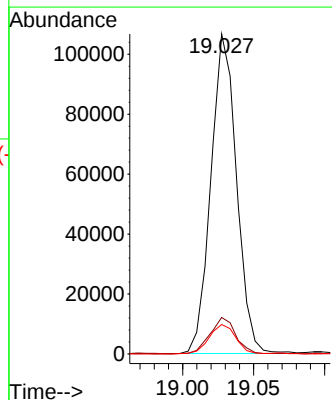
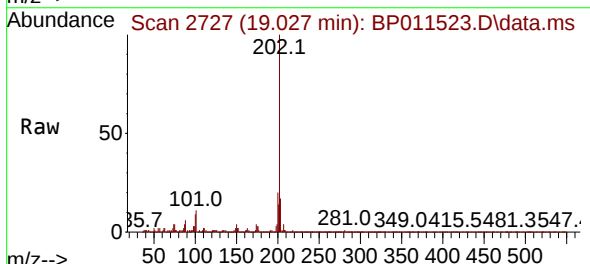
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ClientSampleId :

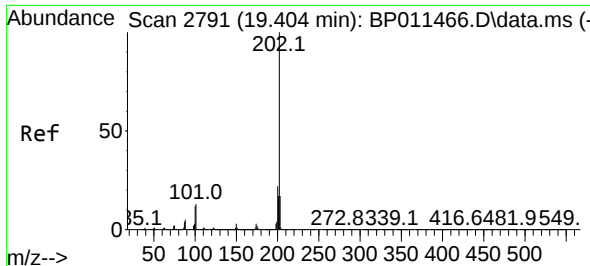
Tgt Ion:178 Resp: 59060
Ion Ratio Lower Upper
178 100
179 14.6 12.6 18.8
176 22.4 15.8 23.8



#80
Fluoranthene
Concen: 4.895 ng/ul
RT: 19.027 min Scan# 2727
Delta R.T. -0.012 min
Lab File: BP011523.D
Acq: 20 Aug 2022 00:42

Tgt Ion:202 Resp: 133836
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 9.2 7.9 11.9

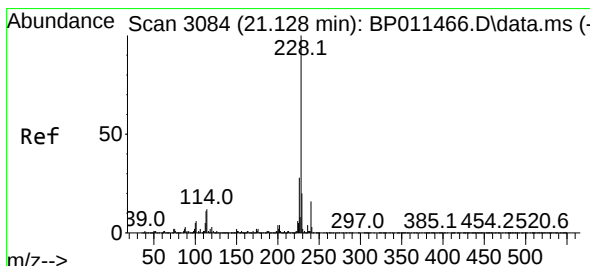
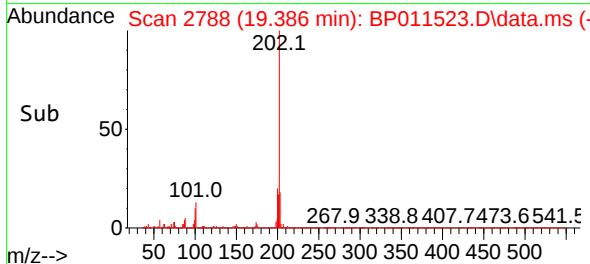
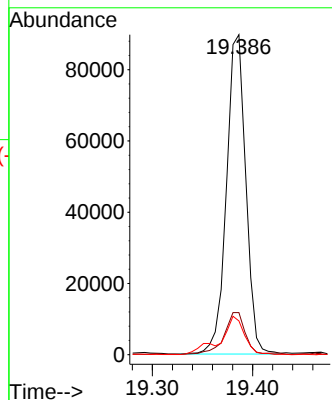
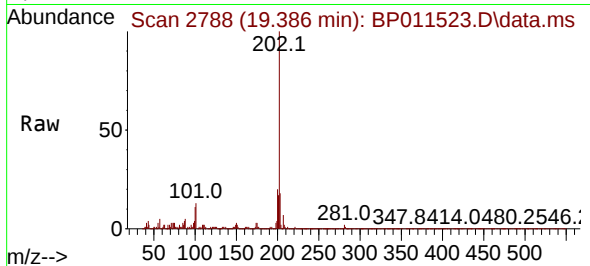




#82
 Pyrene
 Concen: 4.173 ng/ul
 RT: 19.386 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011523.D
 Acq: 20 Aug 2022 00:42

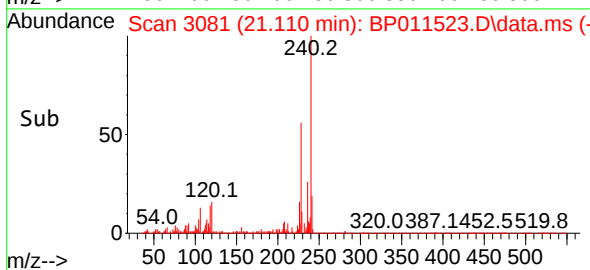
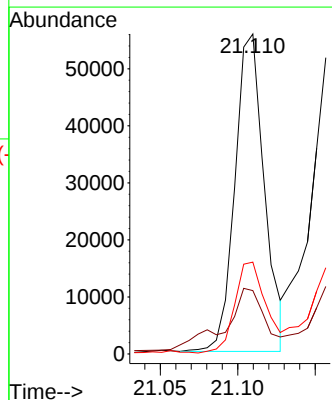
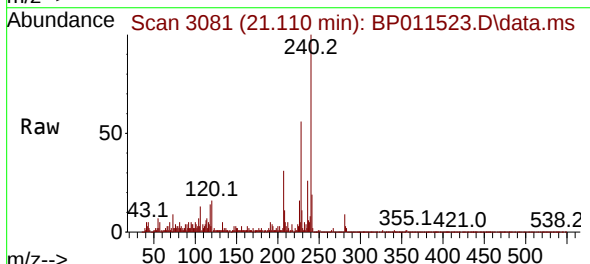
Instrument :
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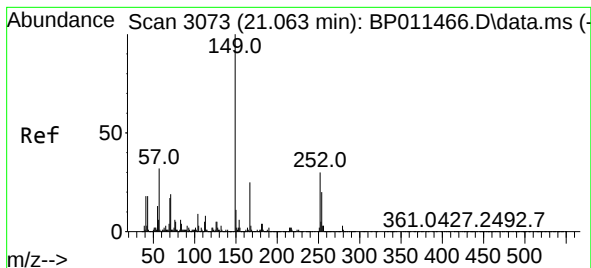
Tgt Ion:202 Resp: 119872
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.4 17.2
 100 10.6 9.4 14.0



#85
 Benzo(a)anthracene
 Concen: 2.743 ng/ul
 RT: 21.110 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BP011523.D
 Acq: 20 Aug 2022 00:42

Tgt Ion:228 Resp: 73439
 Ion Ratio Lower Upper
 228 100
 229 19.8 16.0 24.0
 226 28.7 22.6 33.8

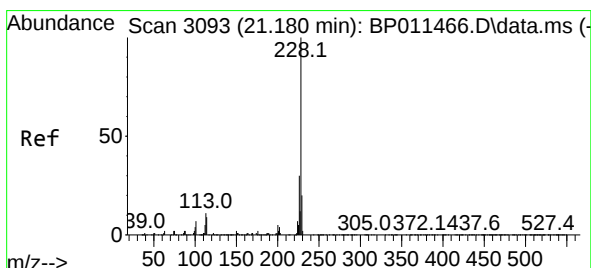
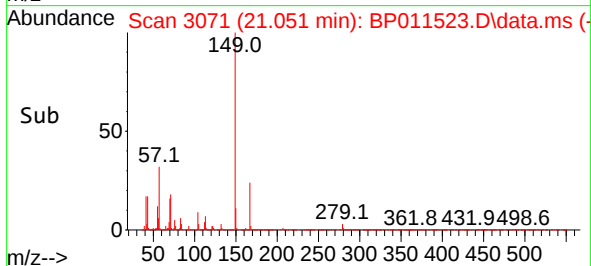
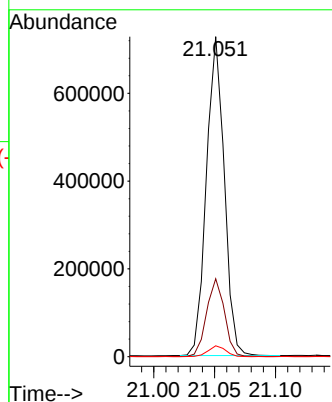
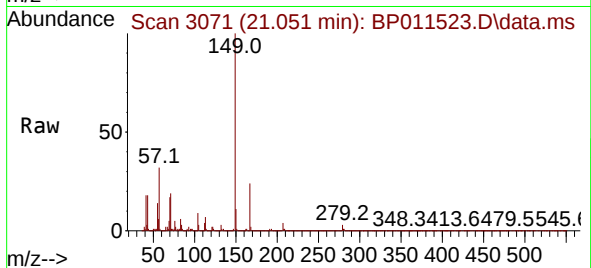




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 38.707 ng/ul
 RT: 21.051 min Scan# 3071
 Delta R.T. -0.012 min
 Lab File: BP011523.D
 Acq: 20 Aug 2022 00:42

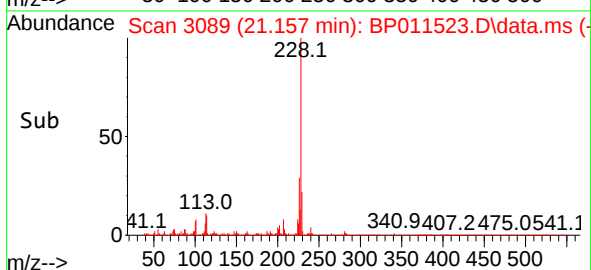
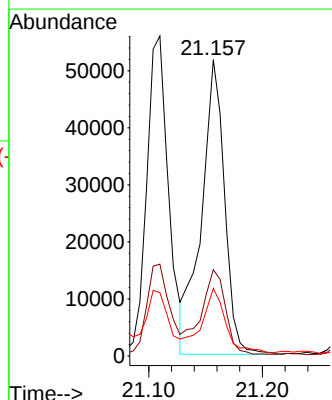
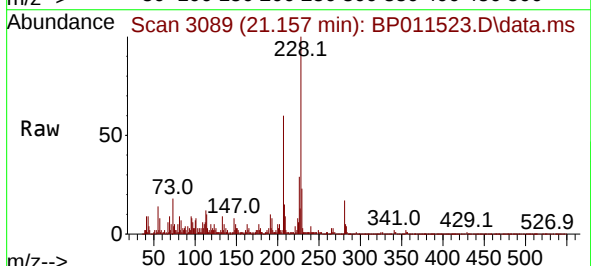
Instrument :
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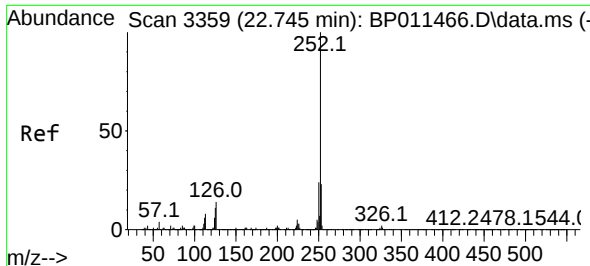
Tgt Ion:149 Resp: 738195
 Ion Ratio Lower Upper
 149 100
 167 24.4 19.8 29.8
 279 3.4 2.7 4.1



#87
 Chrysene
 Concen: 2.782 ng/ul
 RT: 21.157 min Scan# 3089
 Delta R.T. -0.012 min
 Lab File: BP011523.D
 Acq: 20 Aug 2022 00:42

Tgt Ion:228 Resp: 73156
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.9 35.9
 229 22.8 16.0 24.0

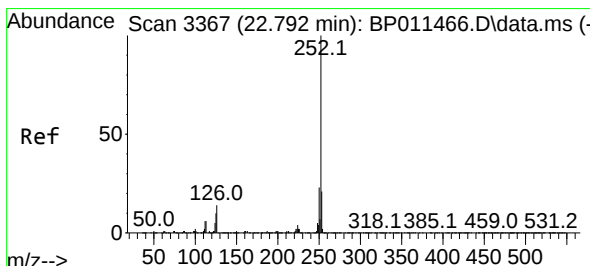
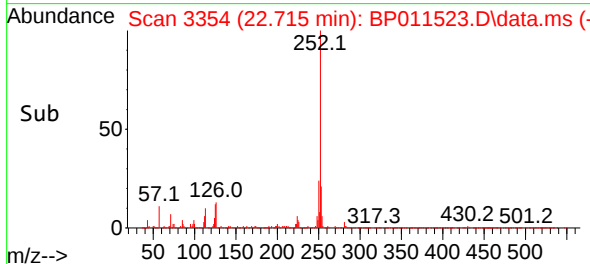
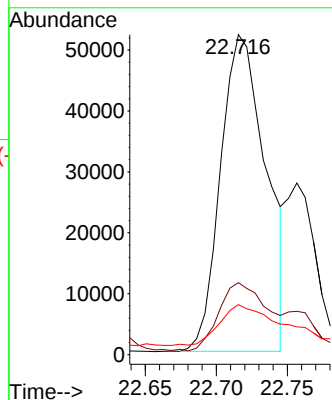
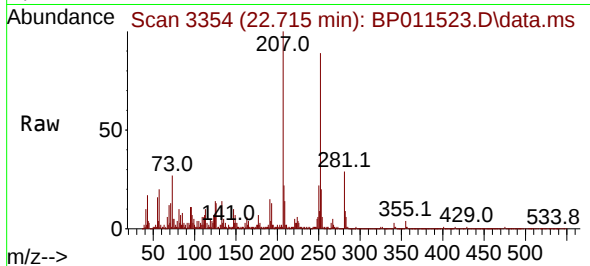




#90
Benzo(b)fluoranthene
Concen: 3.801 ng/ul
RT: 22.715 min Scan# 3359
Delta R.T. -0.012 min
Lab File: BP011523.D
Acq: 20 Aug 2022 00:42

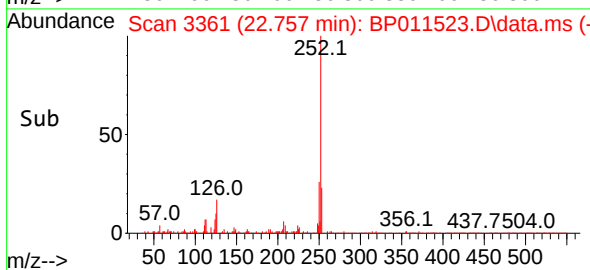
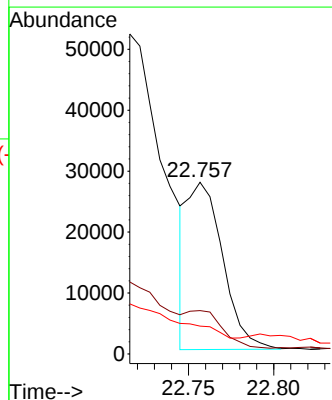
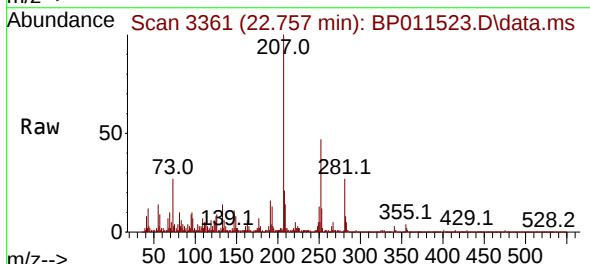
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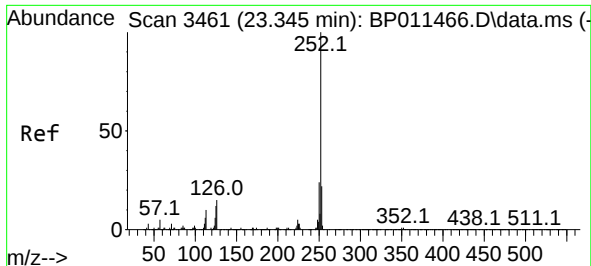
Tgt Ion:252 Resp: 115620
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 15.7 9.0 13.4#



#91
Benzo(k)fluoranthene
Concen: 1.358 ng/ul
RT: 22.757 min Scan# 3361
Delta R.T. -0.018 min
Lab File: BP011523.D
Acq: 20 Aug 2022 00:42

Tgt Ion:252 Resp: 39435
Ion Ratio Lower Upper
252 100
253 25.3 17.9 26.9
125 16.2 9.8 14.8#

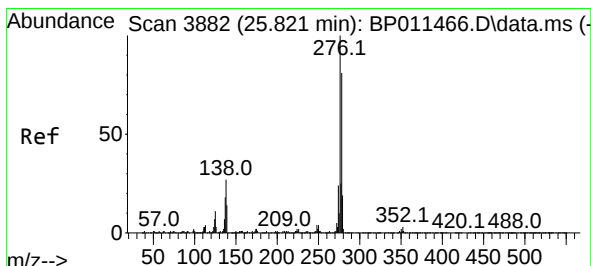
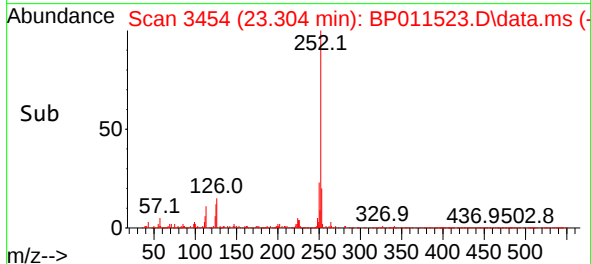
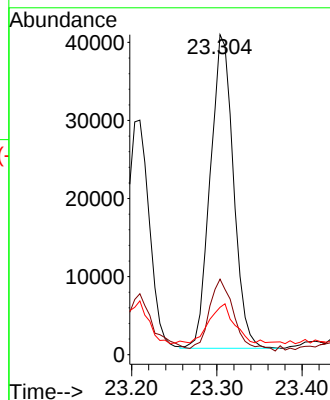
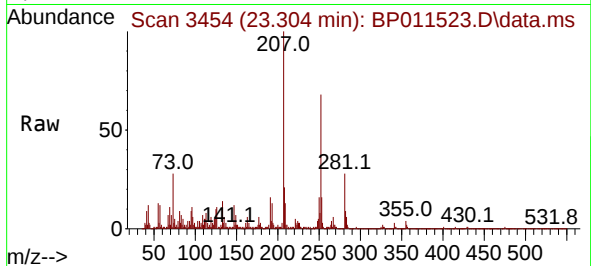




#93
Benzo(a)pyrene
Concen: 2.549 ng/ul
RT: 23.304 min Scan# 34
Delta R.T. -0.024 min
Lab File: BP011523.D
Acq: 20 Aug 2022 00:42

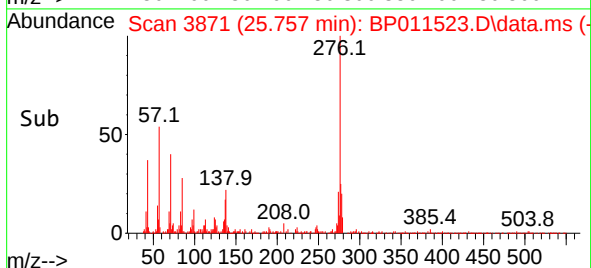
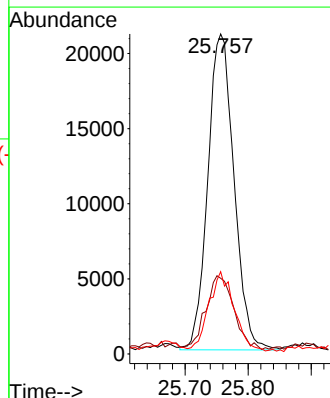
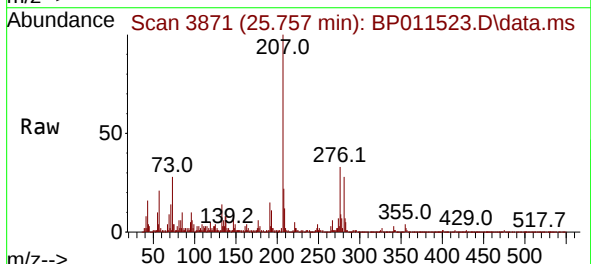
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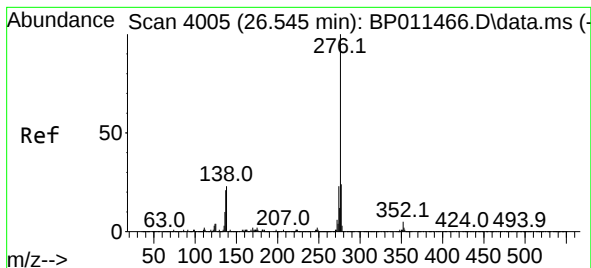
Tgt Ion:252 Resp: 75719
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 14.8 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.830 ng/ul
RT: 25.757 min Scan# 3871
Delta R.T. -0.030 min
Lab File: BP011523.D
Acq: 20 Aug 2022 00:42

Tgt Ion:276 Resp: 60638
Ion Ratio Lower Upper
276 100
138 23.6 20.2 30.4
277 25.7 20.1 30.1





#96

Benzo(g,h,i)perylene

Concen: 1.853 ng/ul

RT: 26.480 min Scan# 3994

Delta R.T. -0.030 min

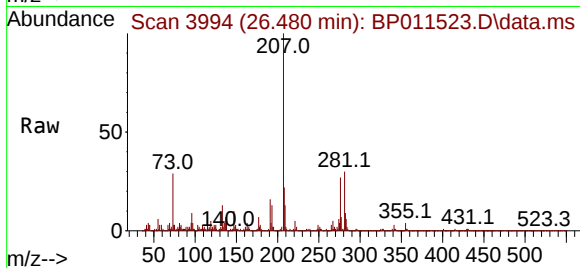
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Acq: 20 Aug 2022 00:42

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 52224

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.2

277 25.4 19.1 28.7

