

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011504.D
 Acq On : 19 Aug 2022 13:09
 Operator : CG/JU
 Sample : N4210-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGC46

Quant Time: Aug 20 04:35:24 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)

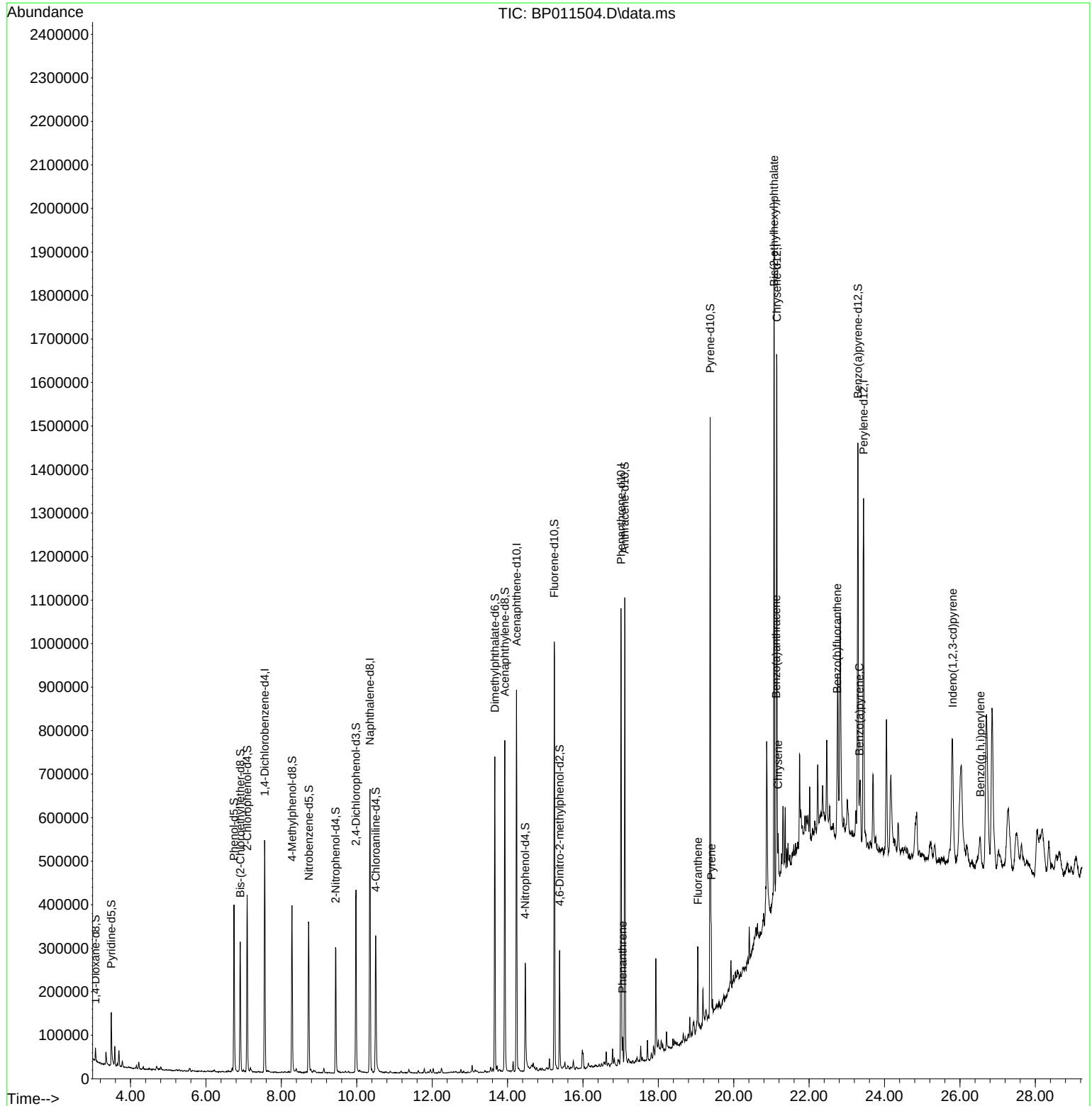
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	122242	20.000	ng/u1	0.00
20) Naphthalene-d8	10.351	136	494618	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	270684	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	524972	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	477213	20.000	ng/u1	0.01
88) Perylene-d12	23.445	264	502027	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	12310	3.125	ng/uL	0.00
4) Pyridine-d5	3.487	84	59251	5.875	ng/u1	0.00
7) Phenol-d5	6.746	99	194348	17.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.910	67	126620	17.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	155869	18.865	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	134304	14.937	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	73425	20.620	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	75231	20.759	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	126922	18.973	ng/u1	0.00
31) 4-Chloroaniline-d4	10.504	131	161883	14.537	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	395807	20.674	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	439980	20.677	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	56462	15.307	ng/u1	0.00
60) Fluorene-d10	15.239	176	329248	20.442	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	40554	14.296	ng/u1	0.01
73) Anthracene-d10	17.110	188	522836	22.487	ng/u1	0.00
81) Pyrene-d10	19.375	212	588616	24.379	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.292	264	565811	23.170	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.051	178	32264	1.135	ng/u1	99
80) Fluoranthene	19.051	202	96935	3.265	ng/u1	97
82) Pyrene	19.404	202	87318	2.799	ng/u1	99
85) Benzo(a)anthracene	21.127	228	45112	1.552	ng/u1	93
86) Bis(2-ethylhexyl)phtha...	21.069	149	485973	23.464	ng/u1	100
87) Chrysene	21.174	228	55213	1.933	ng/u1	95
90) Benzo(b)fluoranthene	22.745	252	95652	3.063	ng/u1#	90
93) Benzo(a)pyrene	23.333	252	55707	1.827	ng/u1#	84
94) Indeno(1,2,3-cd)pyrene	25.809	276	52941	1.557	ng/u1	94
96) Benzo(g,h,i)perylene	26.539	276	48654	1.682	ng/u1	98

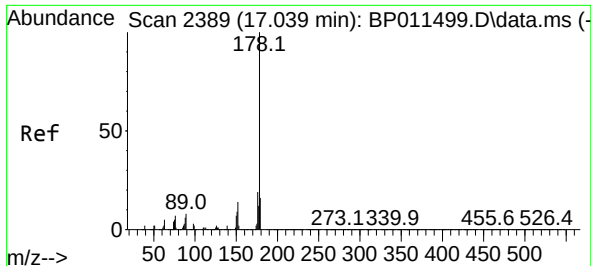
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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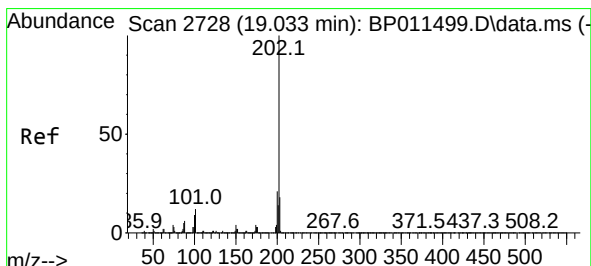
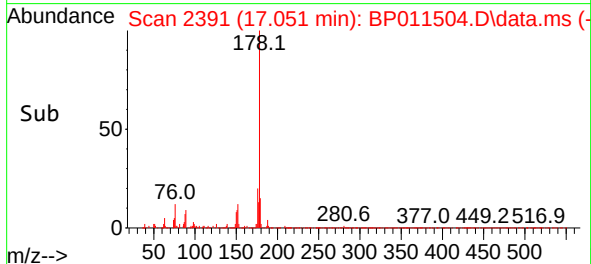
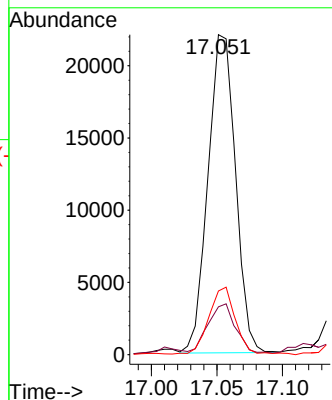
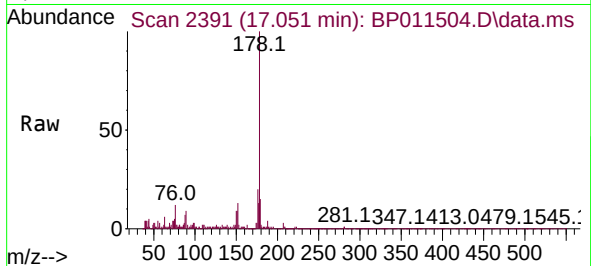




#72
Phenanthrene
Concen: 1.135 ng/ul
RT: 17.051 min Scan# 2389
Delta R.T. 0.006 min
Lab File: BP011504.D
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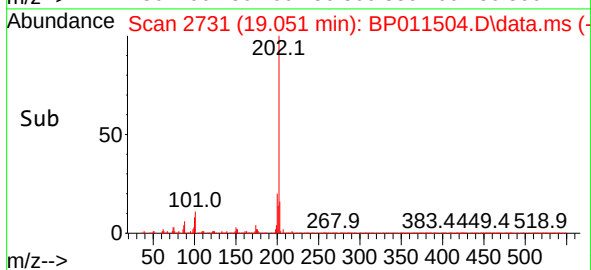
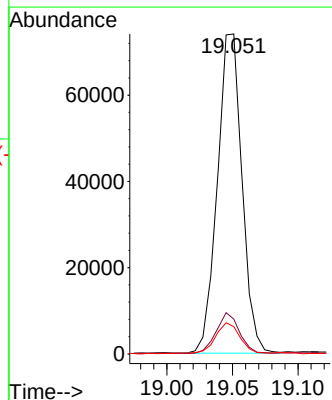
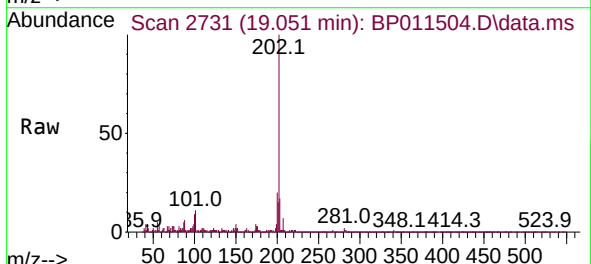
Instrument :
BNA_P
ClientSampleId :
BGC46

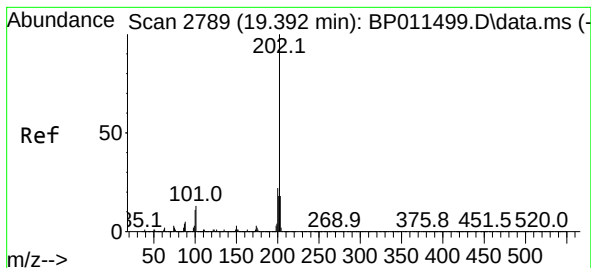
Tgt Ion:178 Resp: 32264
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 19.9 15.8 23.8



#80
Fluoranthene
Concen: 3.265 ng/ul
RT: 19.051 min Scan# 2731
Delta R.T. 0.012 min
Lab File: BP011504.D
Acq: 19 Aug 2022 13:09

Tgt Ion:202 Resp: 96935
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.5 7.9 11.9





#82

Pyrene

Concen: 2.799 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP011504.D

Acq: 19 Aug 2022 13:09

Instrument :

BNA_P

ClientSampleId :

BGC46

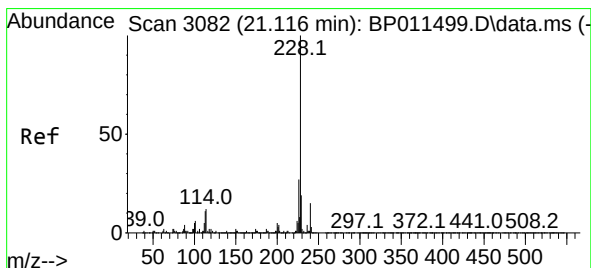
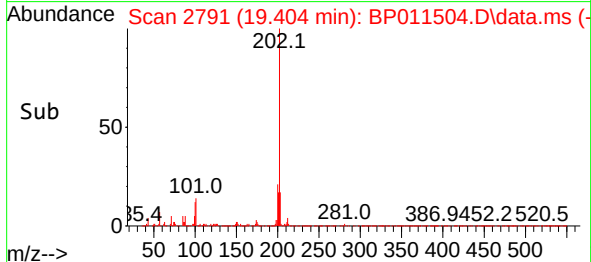
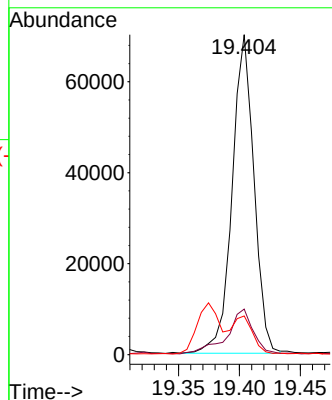
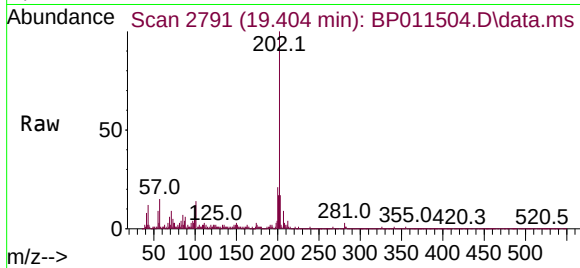
Tgt Ion:202 Resp: 87318

Ion Ratio Lower Upper

202 100

101 14.2 11.4 17.2

100 12.1 9.4 14.0



#85

Benzo(a)anthracene

Concen: 1.552 ng/ul

RT: 21.127 min Scan# 3084

Delta R.T. 0.012 min

Lab File: BP011504.D

Acq: 19 Aug 2022 13:09

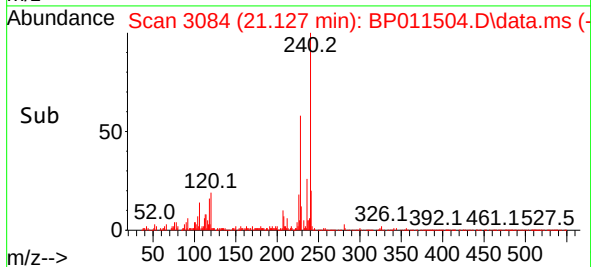
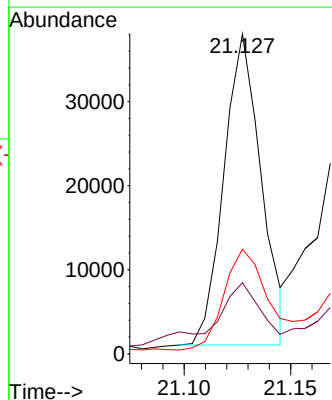
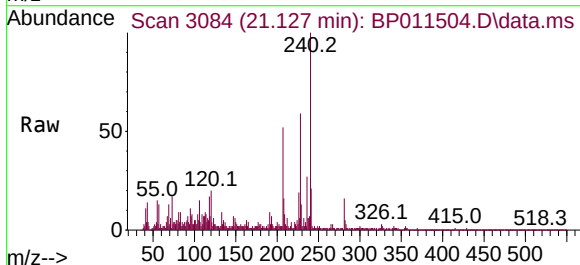
Tgt Ion:228 Resp: 45112

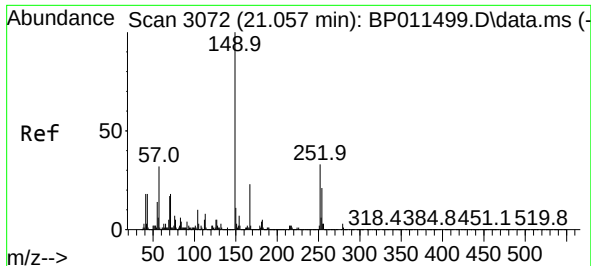
Ion Ratio Lower Upper

228 100

229 22.2 16.0 24.0

226 32.7 22.6 33.8

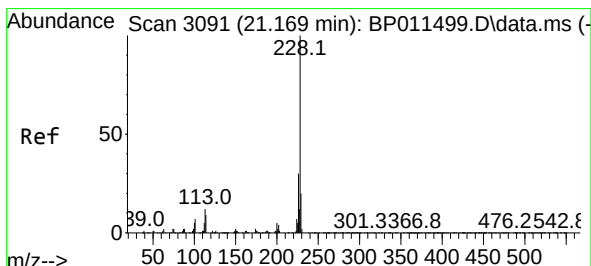
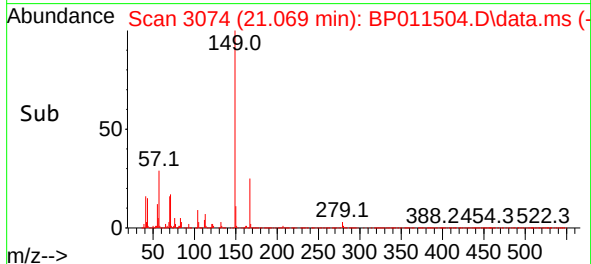
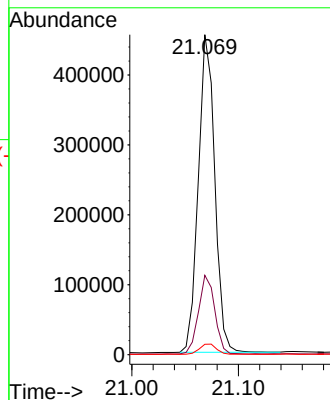
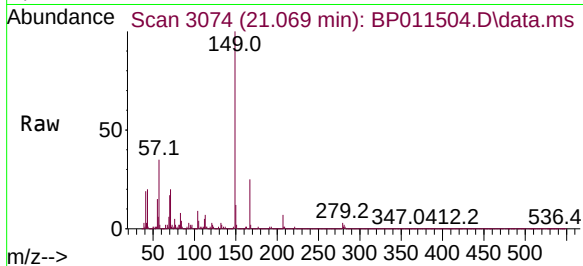




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 23.464 ng/ul
 RT: 21.069 min Scan# 3074
 Delta R.T. 0.006 min
 Lab File: BP011504.D
 Acq: 19 Aug 2022 13:09

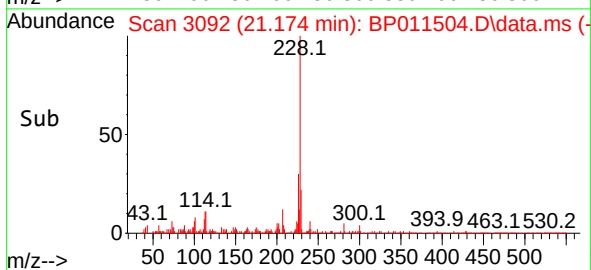
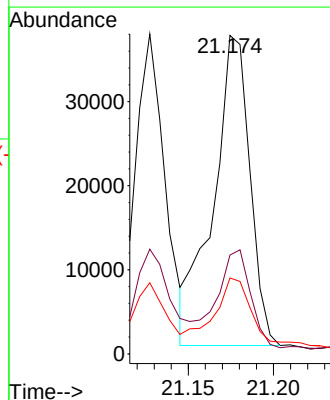
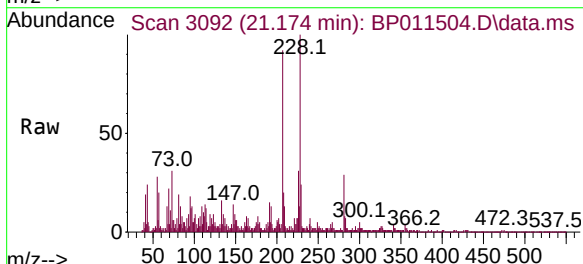
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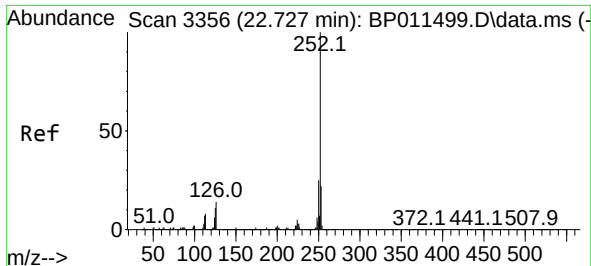
Tgt Ion:149 Resp: 485973
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.8 29.8
 279 3.2 2.7 4.1



#87
 Chrysene
 Concen: 1.933 ng/ul
 RT: 21.174 min Scan# 3092
 Delta R.T. 0.006 min
 Lab File: BP011504.D
 Acq: 19 Aug 2022 13:09

Tgt Ion:228 Resp: 55213
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.9 35.9
 229 23.8 16.0 24.0

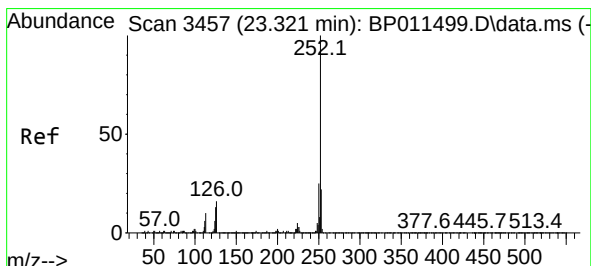
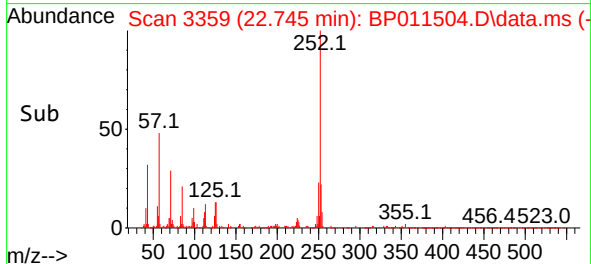
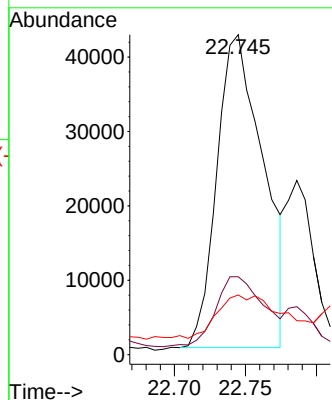
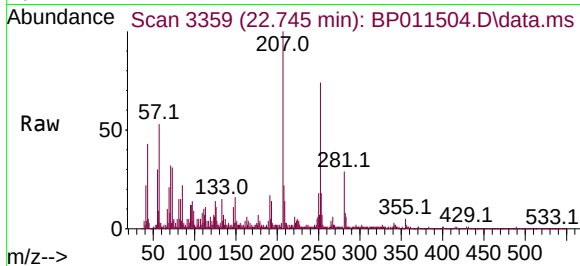




#90
Benzo(b)fluoranthene
Concen: 3.063 ng/ul
RT: 22.745 min Scan# 3356
Delta R.T. 0.017 min
Lab File: BP011504.D
Acq: 19 Aug 2022 13:09

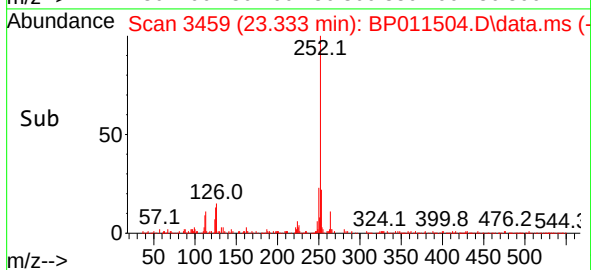
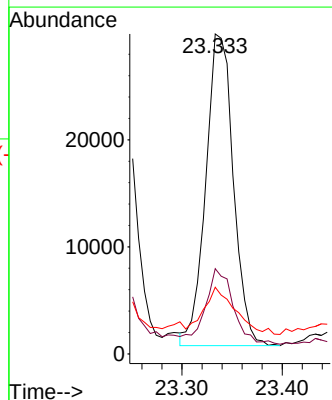
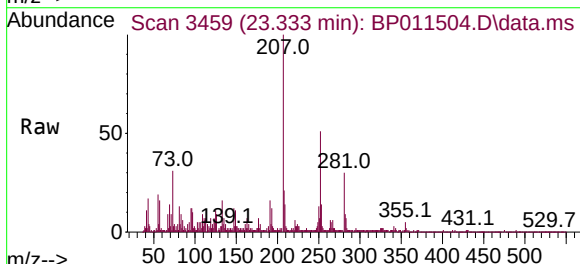
Instrument :
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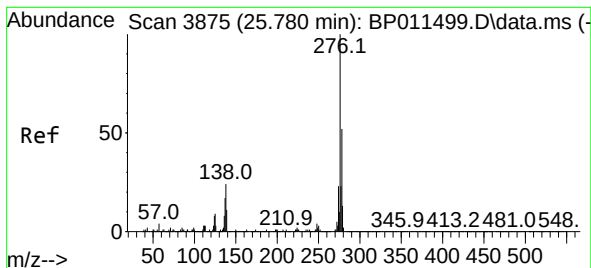
Tgt Ion:252 Resp: 95652
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 18.6 9.0 13.4#



#93
Benzo(a)pyrene
Concen: 1.827 ng/ul
RT: 23.333 min Scan# 3459
Delta R.T. 0.006 min
Lab File: BP011504.D
Acq: 19 Aug 2022 13:09

Tgt Ion:252 Resp: 55707
Ion Ratio Lower Upper
252 100
253 26.6 16.8 25.2#
125 20.8 9.9 14.9#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.557 ng/ul

RT: 25.809 min Scan# 3875

Delta R.T. 0.023 min

Lab File: BP011504.D

Acq: 19 Aug 2022 13:09

Instrument :

BNA_P

ClientSampleId :

BGC46

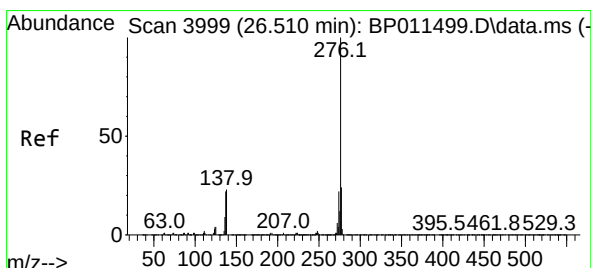
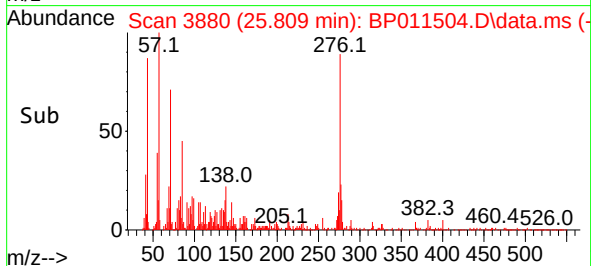
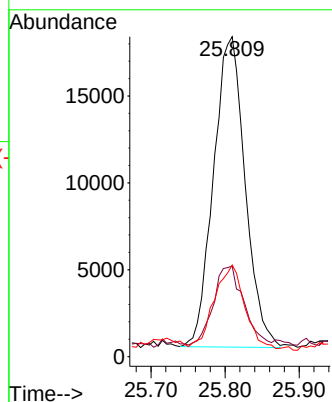
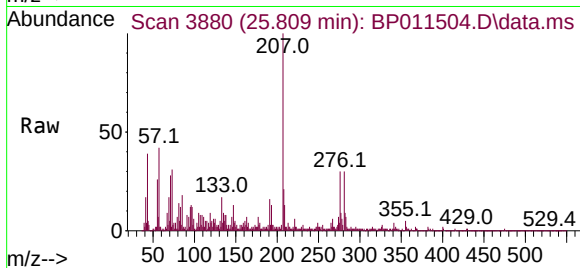
Tgt Ion:276 Resp: 52941

Ion Ratio Lower Upper

276 100

138 28.3 20.2 30.4

277 28.6 20.1 30.1



#96

Benzo(g,h,i)perylene

Concen: 1.682 ng/ul

RT: 26.539 min Scan# 4004

Delta R.T. 0.029 min

Lab File: BP011504.D

Acq: 19 Aug 2022 13:09

Tgt Ion:276 Resp: 48654

Ion Ratio Lower Upper

276 100

138 25.4 19.4 29.2

277 24.4 19.1 28.7

