

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018613.D
 Acq On : 05 Dec 2023 20:48
 Operator : MA/JU
 Sample : 05455-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05L3

Quant Time: Dec 05 21:31:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

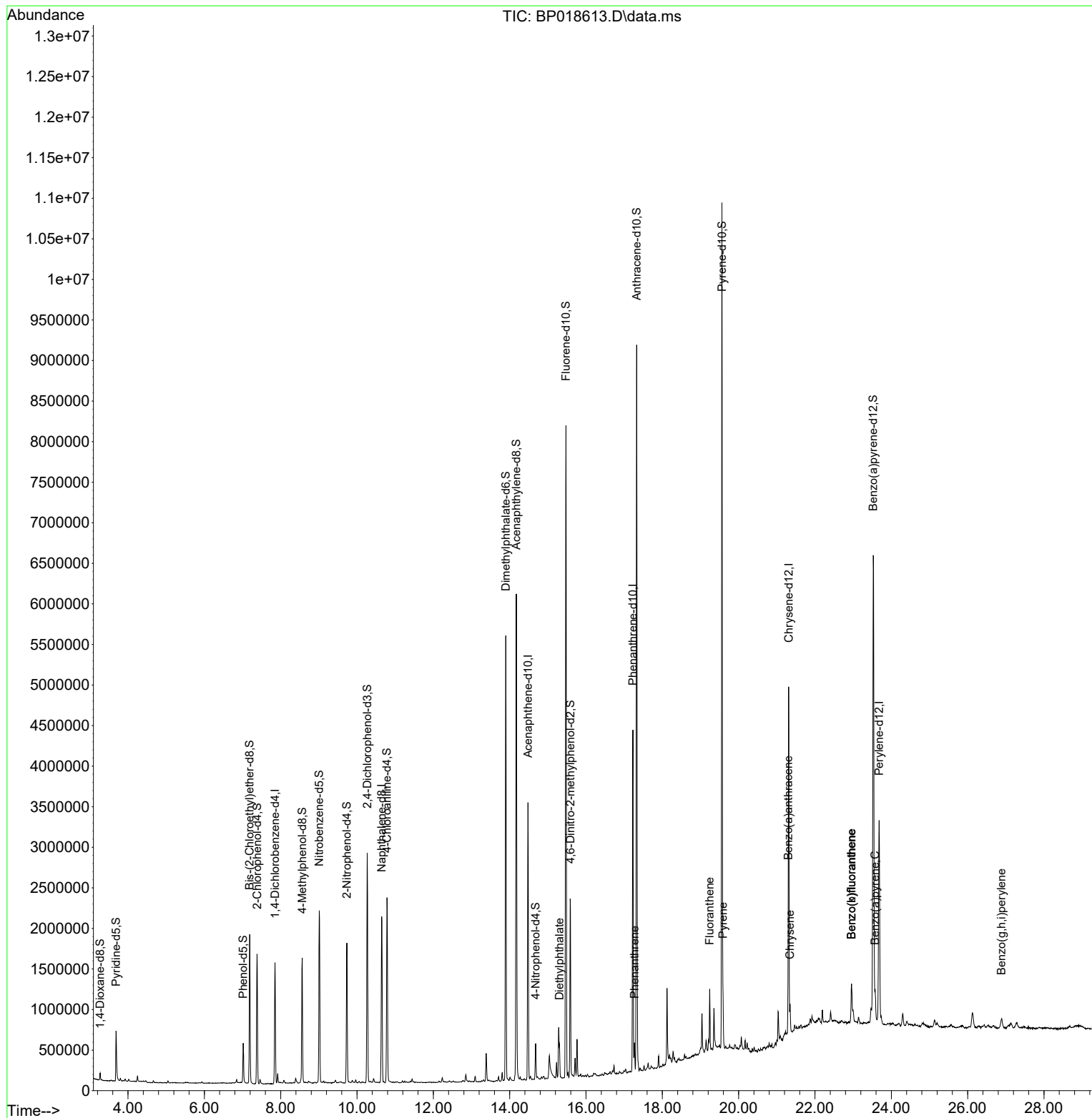
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	399378	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	1745681	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1146081	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2453487	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1851518	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1927526	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	43335	3.698	ng/uL	0.00
4) Pyridine-d5	3.687	84	344722	10.981	ng/ul	0.00
7) Phenol-d5	7.016	99	291639	7.277	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	792017	33.342	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	737540	23.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	575797	17.752	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	523236	33.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	555162	34.464	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	1067162	32.399	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	1225395	28.467	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	3706583	36.236	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	4017470	35.668	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	105391	6.277	ng/ul	0.00
60) Fluorene-d10	15.475	176	3198032	37.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	491435	33.406	ng/ul	0.00
73) Anthracene-d10	17.328	188	4916149	38.114	ng/ul	0.00
81) Pyrene-d10	19.563	212	5262315	36.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	4313740	38.382	ng/ul	0.00
Target Compounds						
					Qvalue	
59) Diethylphthalate	15.304	149	199013	2.020	ng/ul	99
72) Phenanthrene	17.269	178	206502	1.394	ng/ul	99
80) Fluoranthene	19.239	202	399016	2.342	ng/ul	99
82) Pyrene	19.586	202	381549	2.220	ng/ul	99
85) Benzo(a)anthracene	21.298	228	190089	1.265	ng/ul	95
87) Chrysene	21.345	228	199240	1.440	ng/ul	97
90) Benzo(b)fluoranthene	22.957	252	278125	1.957	ng/ul#	95
91) Benzo(k)fluoranthene	22.957	252	278125	2.023	ng/ul#	96
93) Benzo(a)pyrene	23.574	252	189281	1.458	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	147818	1.184	ng/ul	98

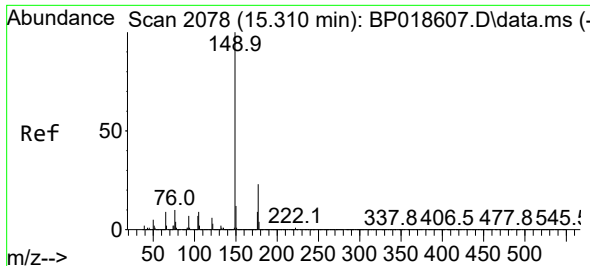
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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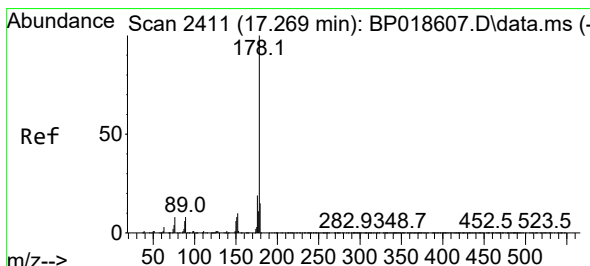
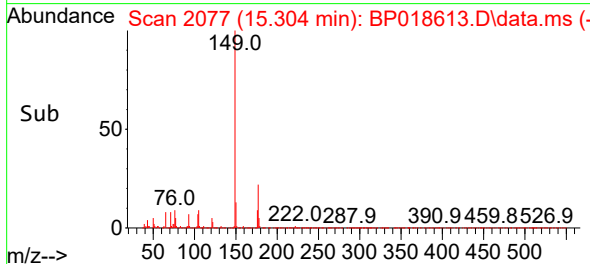
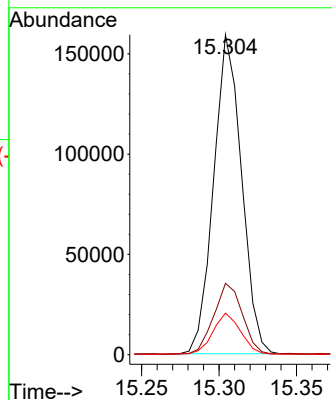
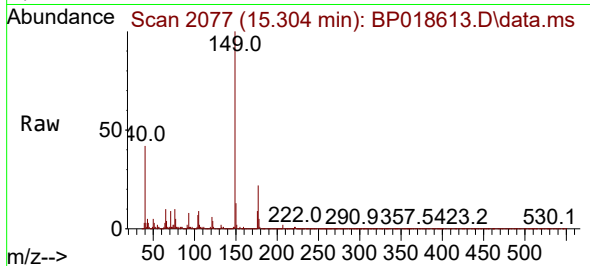




#59
Diethylphthalate
Concen: 2.020 ng/ul
RT: 15.304 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP018613.D
Acq: 05 Dec 2023 20:48

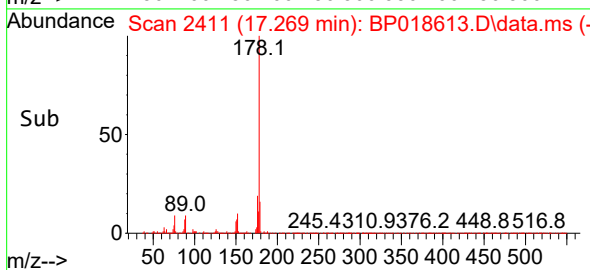
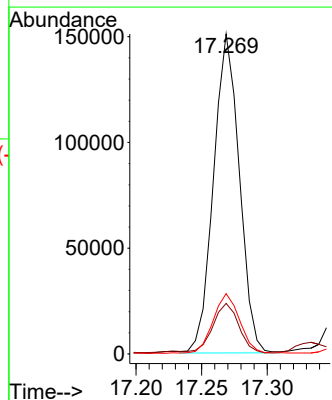
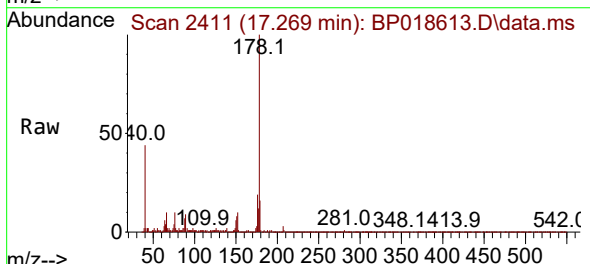
Instrument :
BNA_P
ClientSampleId :
E05L3

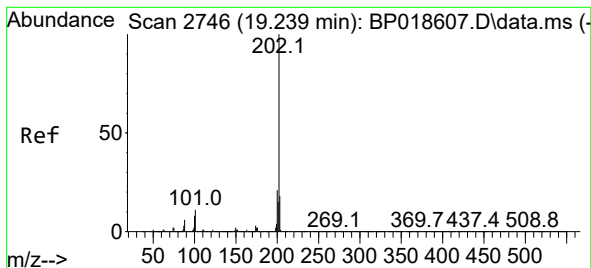
Tgt Ion:149 Resp: 199013
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 13.0 9.9 14.9



#72
Phenanthrene
Concen: 1.394 ng/ul
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP018613.D
Acq: 05 Dec 2023 20:48

Tgt Ion:178 Resp: 206502
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.9 15.4 23.2





#80

Fluoranthene

Concen: 2.342 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018613.D

Acq: 05 Dec 2023 20:48

Instrument :

BNA_P

ClientSampleId :

E05L3

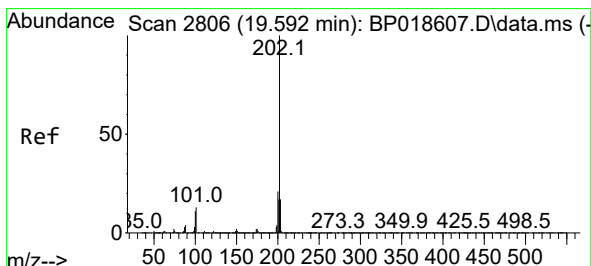
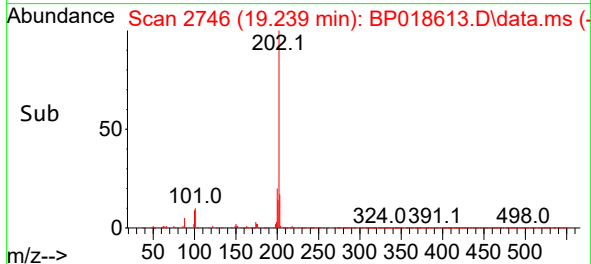
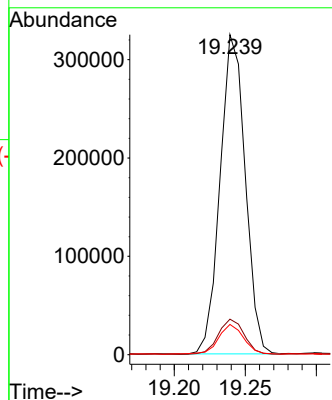
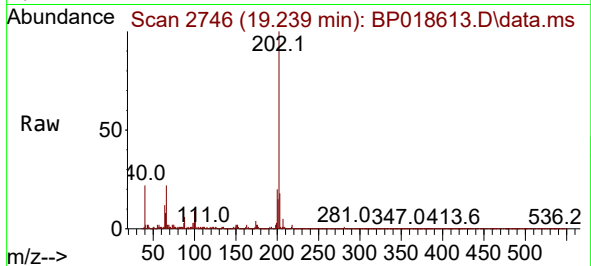
Tgt Ion:202 Resp: 399016

Ion Ratio Lower Upper

202 100

101 11.1 9.1 13.7

100 9.5 7.1 10.7



#82

Pyrene

Concen: 2.220 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP018613.D

Acq: 05 Dec 2023 20:48

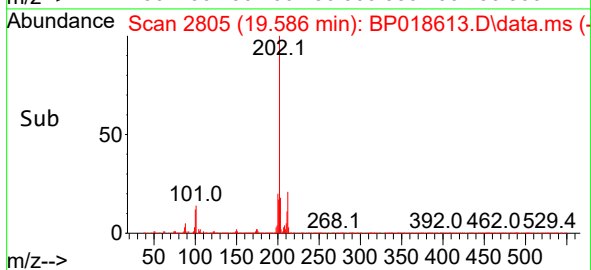
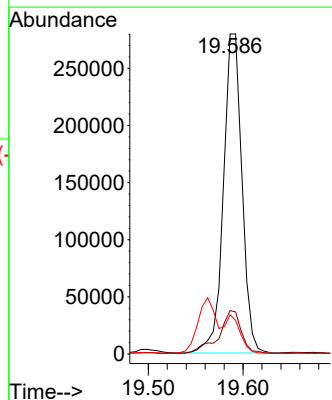
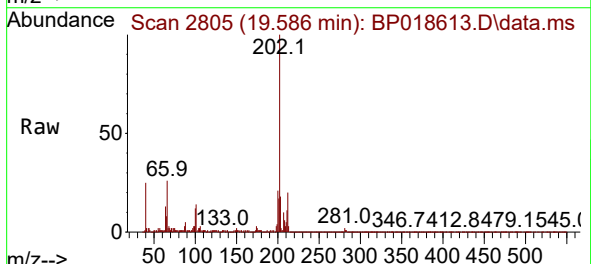
Tgt Ion:202 Resp: 381549

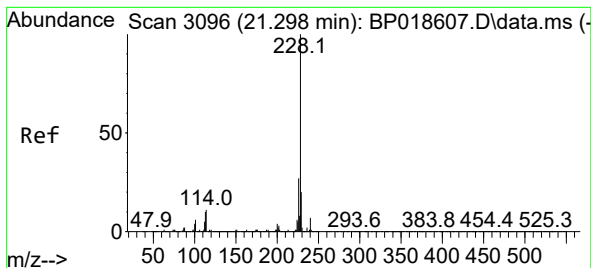
Ion Ratio Lower Upper

202 100

101 13.5 11.0 16.4

100 12.3 9.1 13.7





#85

Benzo(a)anthracene

Concen: 1.265 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP018613.D

Acq: 05 Dec 2023 20:48

Instrument :

BNA_P

ClientSampleId :

E05L3

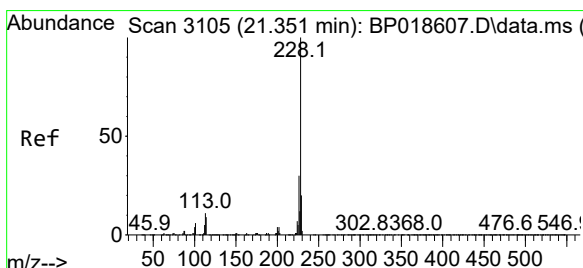
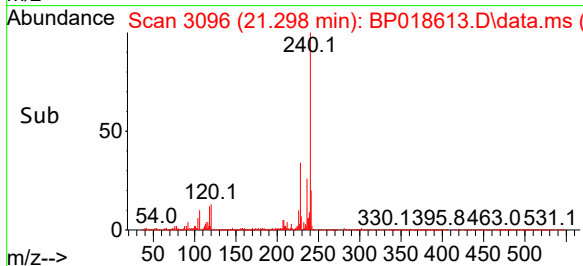
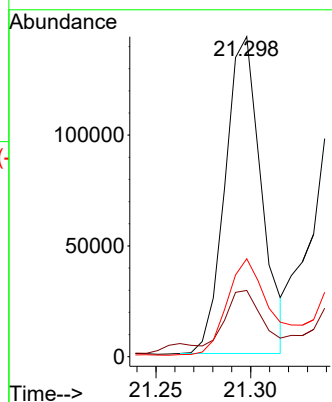
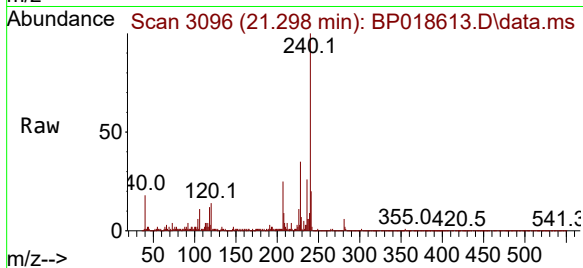
Tgt Ion:228 Resp: 190089

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 30.6 21.9 32.9



#87

Chrysene

Concen: 1.440 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018613.D

Acq: 05 Dec 2023 20:48

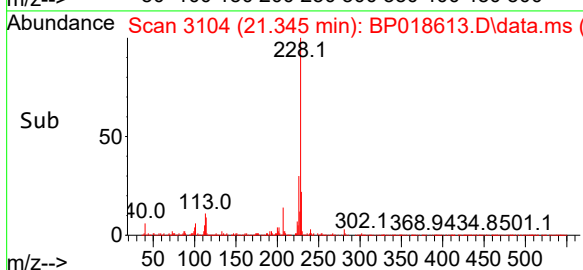
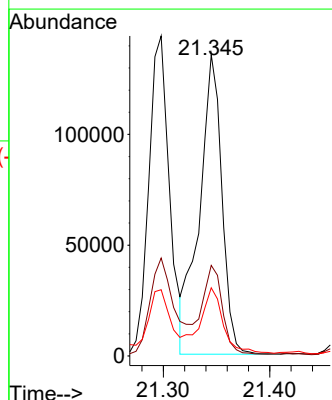
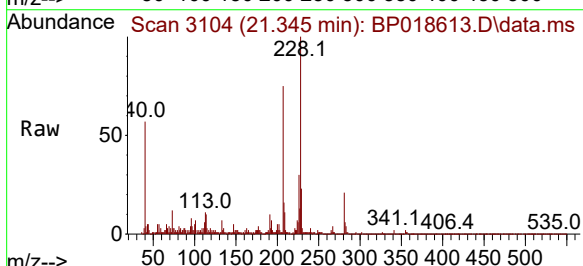
Tgt Ion:228 Resp: 199240

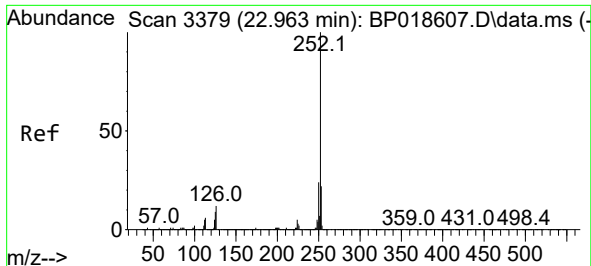
Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 22.6 15.6 23.4

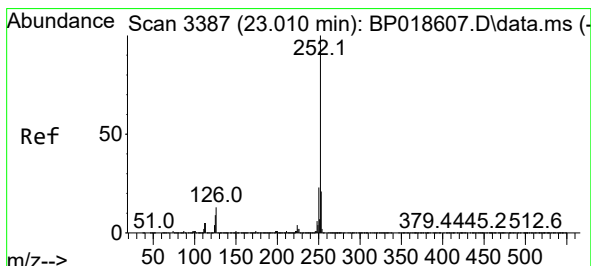
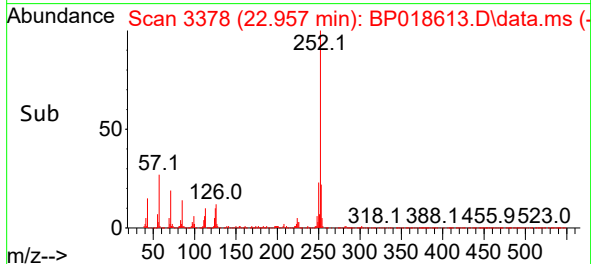
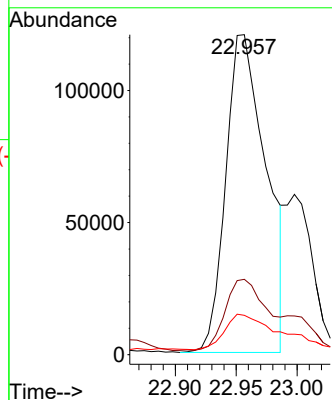
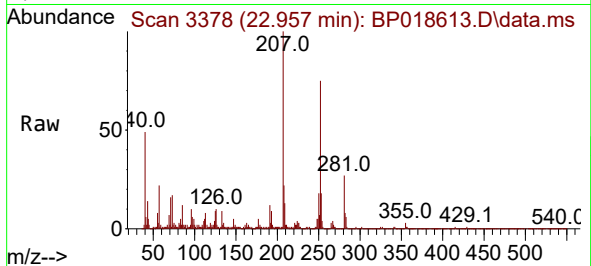




#90
Benzo(b)fluoranthene
Concen: 1.957 ng/ul
RT: 22.957 min Scan# 3378
Delta R.T. -0.006 min
Lab File: BP018613.D
Acq: 05 Dec 2023 20:48

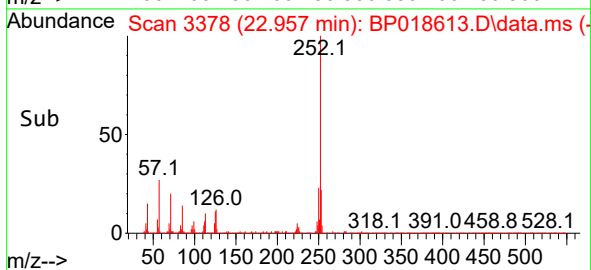
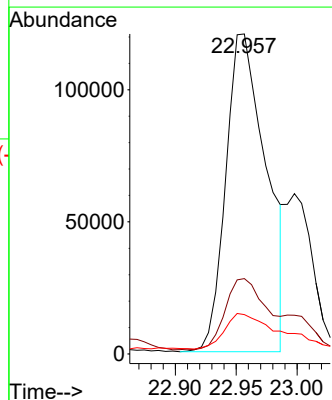
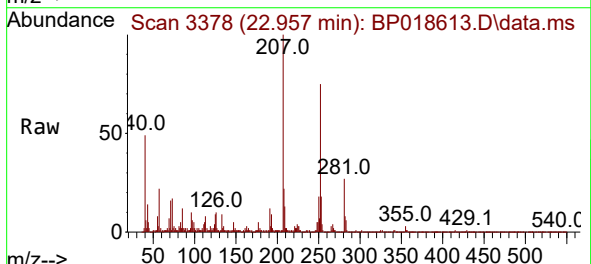
Instrument :
BNA_P
ClientSampleId :
E05L3

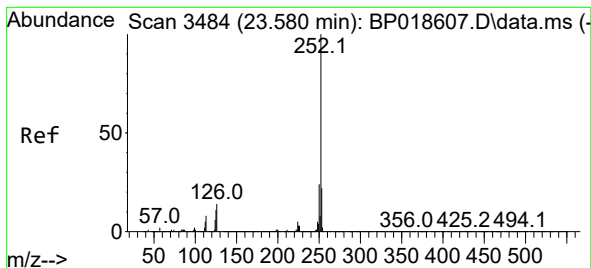
Tgt Ion:252 Resp: 278125
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 12.3 7.8 11.6#



#91
Benzo(k)fluoranthene
Concen: 2.023 ng/ul
RT: 22.957 min Scan# 3378
Delta R.T. -0.059 min
Lab File: BP018613.D
Acq: 05 Dec 2023 20:48

Tgt Ion:252 Resp: 278125
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 12.3 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 1.458 ng/ul

RT: 23.574 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP018613.D

Acq: 05 Dec 2023 20:48

Instrument :

BNA_P

ClientSampleId :

E05L3

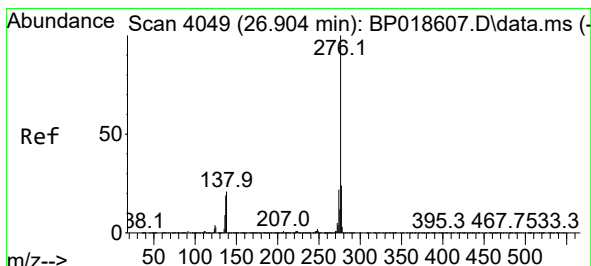
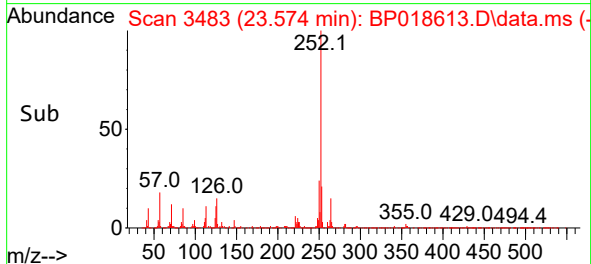
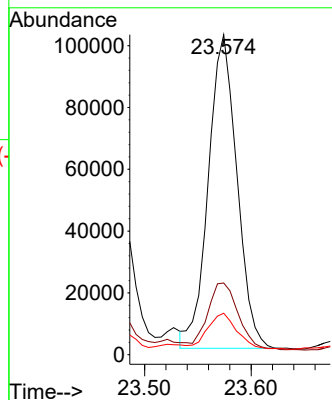
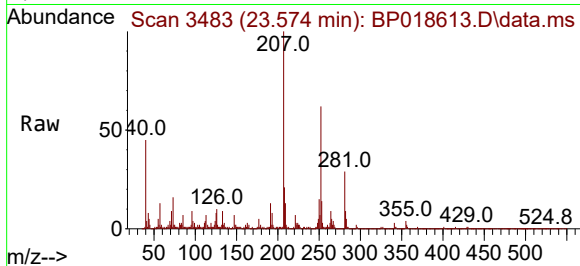
Tgt Ion:252 Resp: 189281

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 13.0 9.2 13.8



#96

Benzo(g,h,i)perylene

Concen: 1.184 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.029 min

Lab File: BP018613.D

Acq: 05 Dec 2023 20:48

Tgt Ion:276 Resp: 147818

Ion Ratio Lower Upper

276 100

138 22.4 18.1 27.1

277 25.8 19.4 29.0

