

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013017.D
 Acq On : 09 Dec 2022 14:32
 Operator : CG/JU
 Sample : N5896-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM6

Quant Time: Dec 09 21:53:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

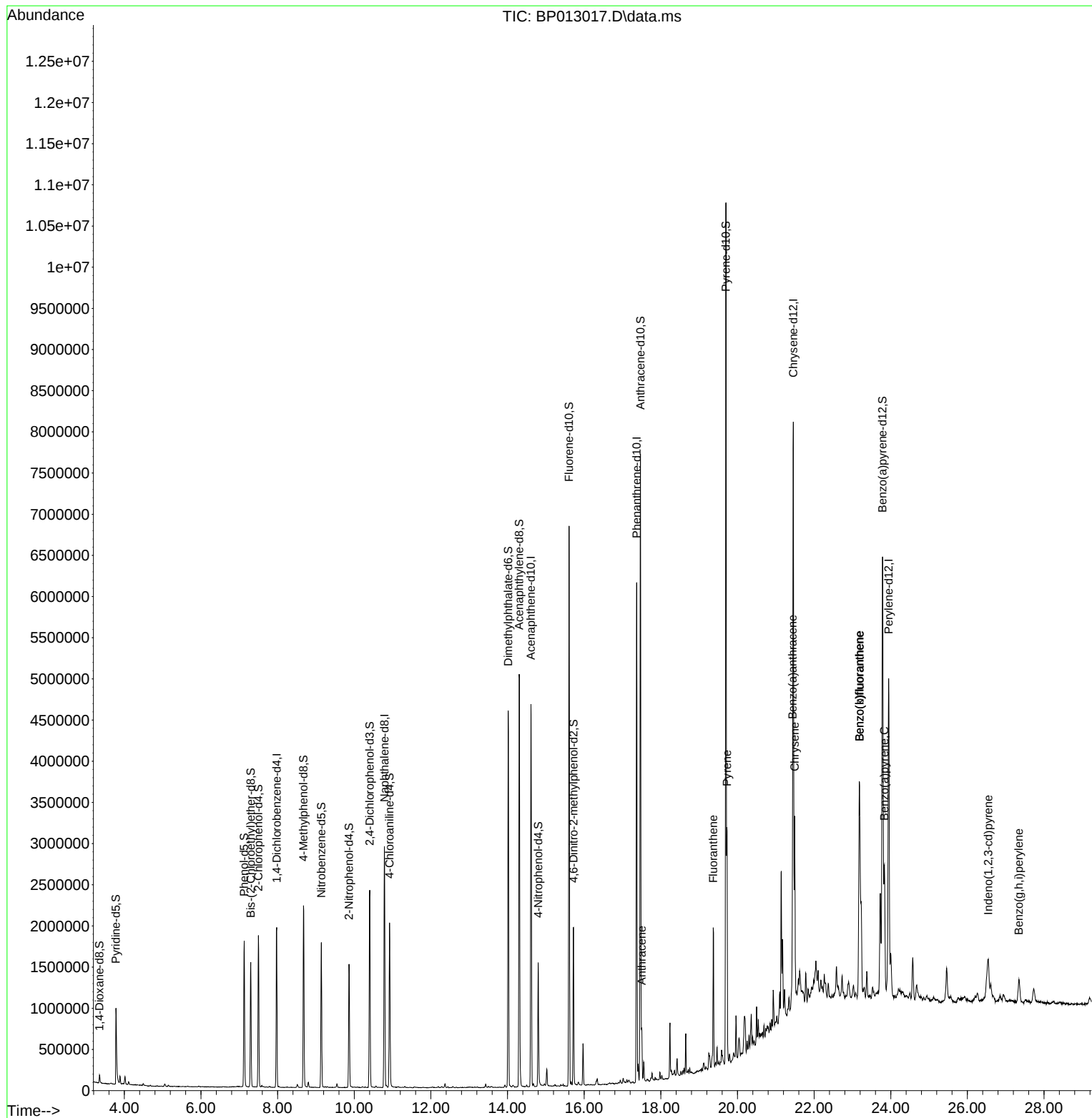
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	552378	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2435647	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1639728	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3697954	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3322579	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3128092	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	52250	4.044	ng/uL	0.00
4) Pyridine-d5	3.781	84	526449	14.345	ng/u1	0.00
7) Phenol-d5	7.128	99	1035500	23.015	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	656345	24.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	862281	24.345	ng/u1	-0.01
15) 4-Methylphenol-d8	8.675	113	847585	22.991	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	439319	24.549	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	502081	24.921	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	908790	23.224	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1100119	19.914	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	3155821	25.042	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	3413993	24.654	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	379216	16.729	ng/u1	-0.01
60) Fluorene-d10	15.604	176	2723790	25.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	430840	18.105	ng/u1	0.00
73) Anthracene-d10	17.469	188	4322445	25.909	ng/u1	0.00
81) Pyrene-d10	19.698	212	5240451	27.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	4213192	27.022	ng/u1	0.00
Target Compounds						Qvalue
74) Anthracene	17.504	178	389000	2.023	ng/u1	99
80) Fluoranthene	19.369	202	1035310	4.783	ng/u1	99
82) Pyrene	19.727	202	1616883	7.241	ng/u1	99
85) Benzo(a)anthracene	21.439	228	858439	3.892	ng/u1	98
87) Chrysene	21.492	228	1619937	7.766	ng/u1	99
90) Benzo(b)fluoranthene	23.186	252	2429827	12.181	ng/u1	99
91) Benzo(k)fluoranthene	23.186	252	2429827	12.284	ng/u1	99
93) Benzo(a)pyrene	23.833	252	1020853	5.878	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.545	276	545187	2.520	ng/u1	97
96) Benzo(g,h,i)perylene	27.345	276	398891	2.297	ng/u1	98

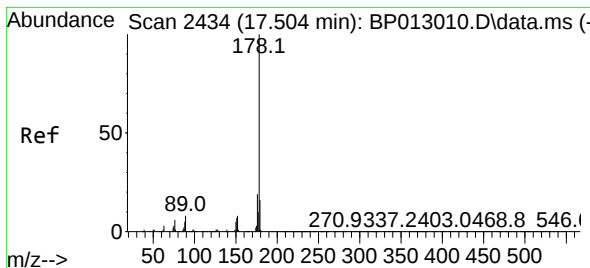
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#74

Anthracene

Concen: 2.023 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

DBXM6

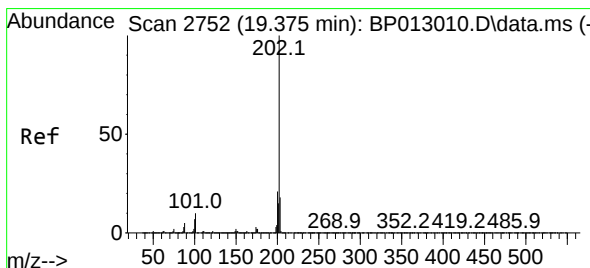
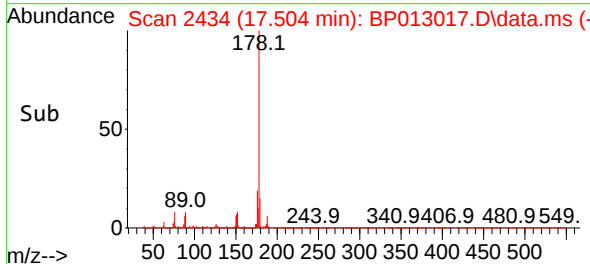
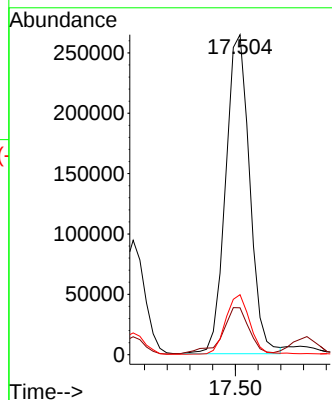
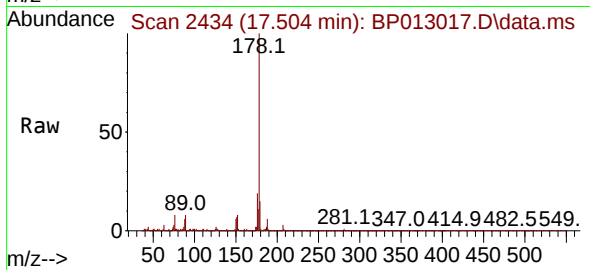
Tgt Ion:178 Resp: 389000

Ion Ratio Lower Upper

178 100

179 14.7 12.5 18.7

176 18.8 14.8 22.2



#80

Fluoranthene

Concen: 4.783 ng/ul

RT: 19.369 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

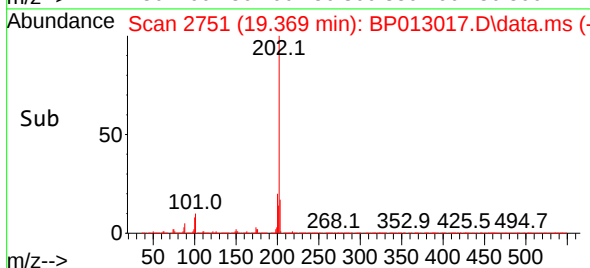
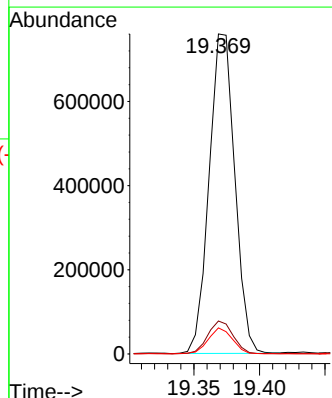
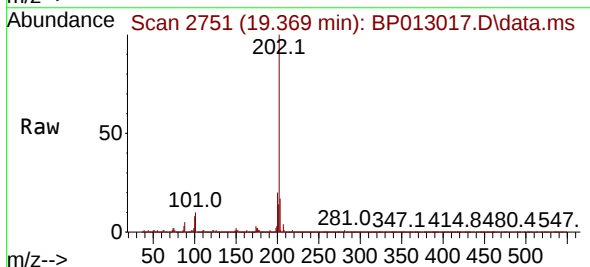
Tgt Ion:202 Resp: 1035310

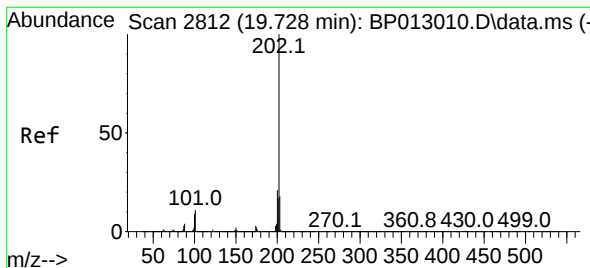
Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

100 8.2 6.1 9.1





#82

Pyrene

Concen: 7.241 ng/ul

RT: 19.727 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

DBXM6

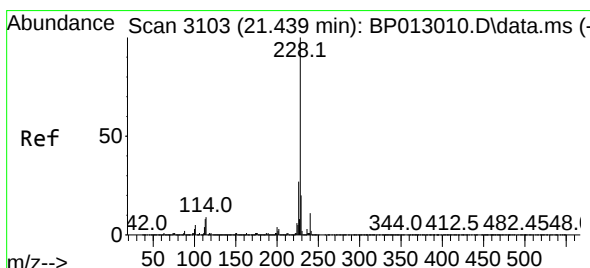
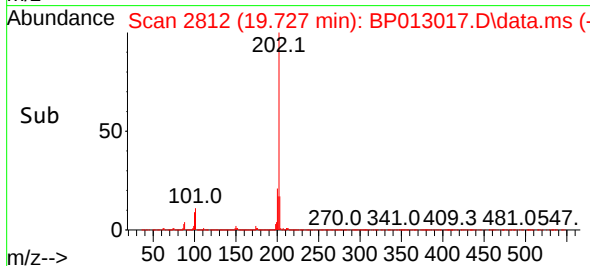
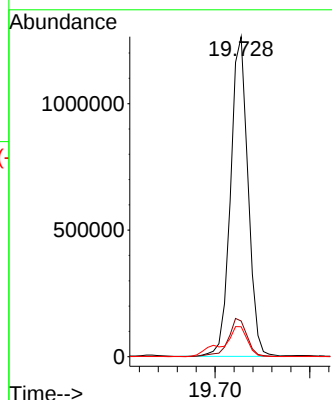
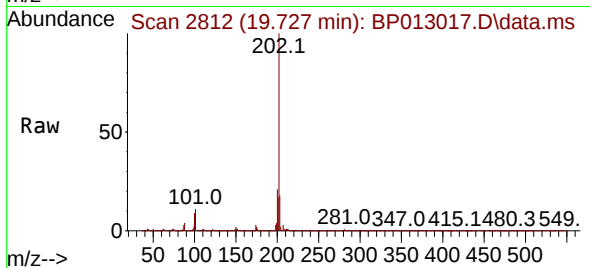
Tgt Ion:202 Resp: 1616883

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

100 9.3 7.8 11.8



#85

Benzo(a)anthracene

Concen: 3.892 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

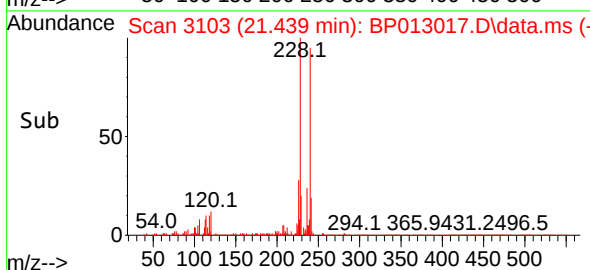
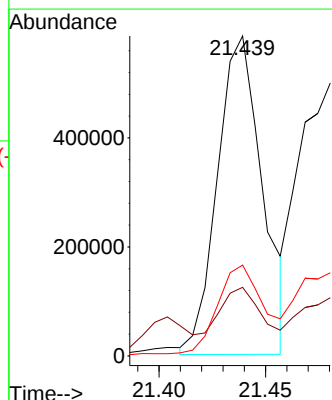
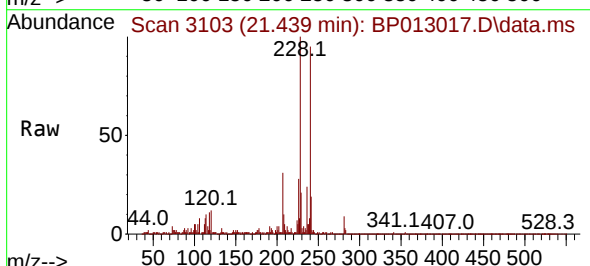
Tgt Ion:228 Resp: 858439

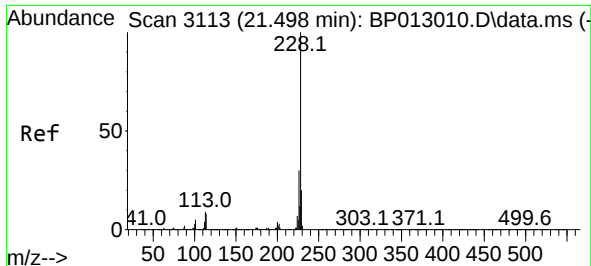
Ion Ratio Lower Upper

228 100

229 21.4 16.1 24.1

226 28.4 22.0 33.0

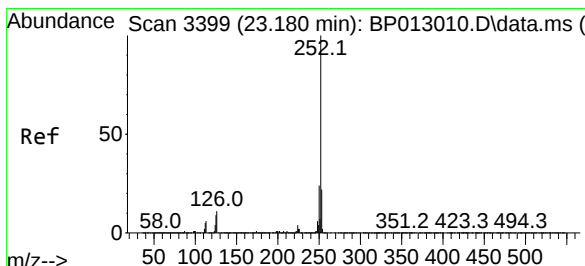
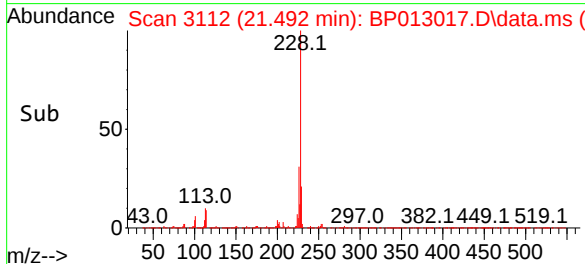
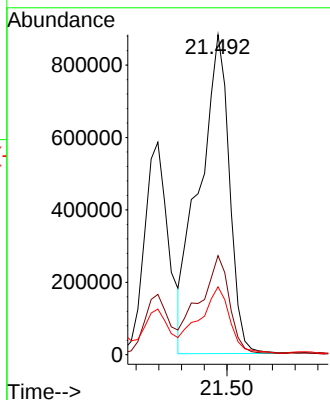
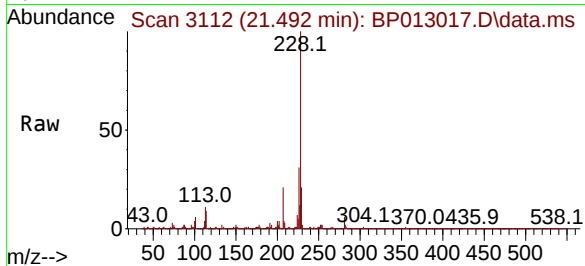




#87
Chrysene
Concen: 7.766 ng/ul
RT: 21.492 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

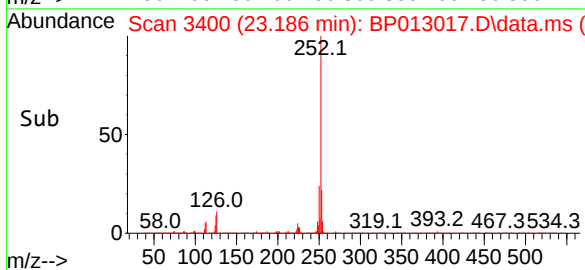
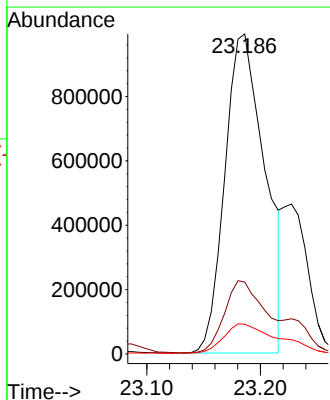
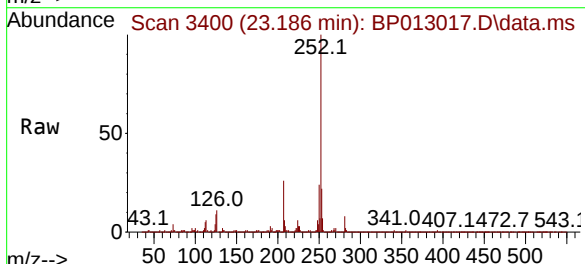
Instrument :
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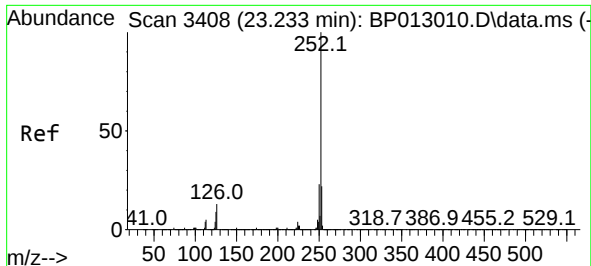
Tgt Ion:228 Resp: 1619937
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.2 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 12.181 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

Tgt Ion:252 Resp: 2429827
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.3 6.8 10.2

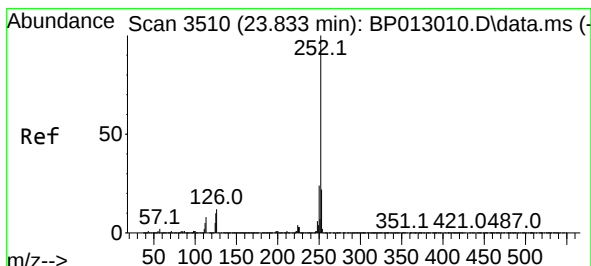
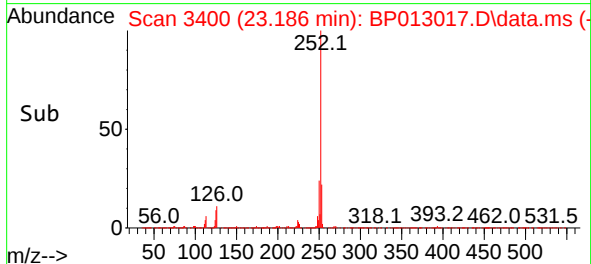
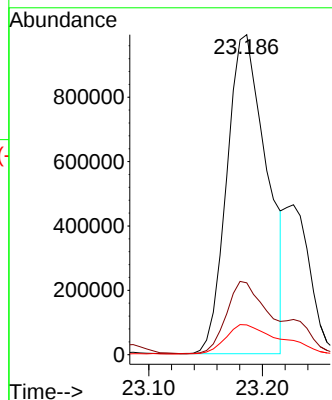
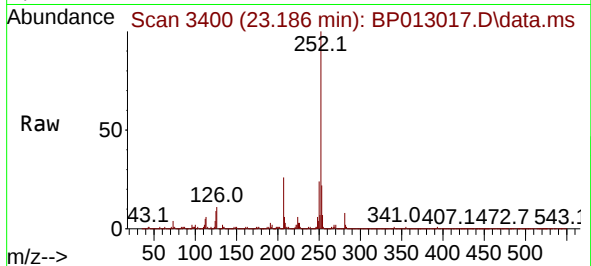




#91
Benzo(k)fluoranthene
Concen: 12.284 ng/ul
RT: 23.186 min Scan# 3408
Delta R.T. -0.047 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

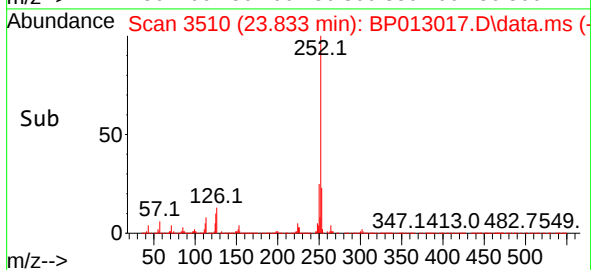
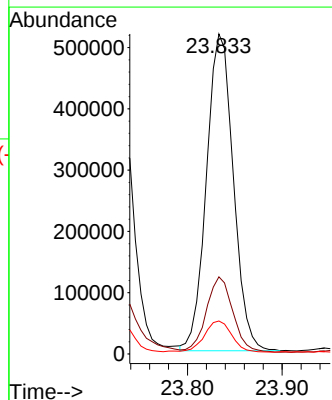
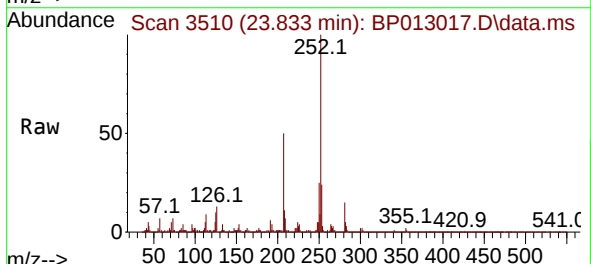
Instrument :
BNA_P
ClientSampleId :
DBXM6

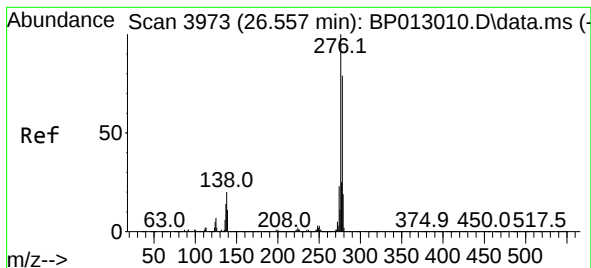
Tgt Ion:252 Resp: 2429827
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.3 6.8 10.2



#93
Benzo(a)pyrene
Concen: 5.878 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

Tgt Ion:252 Resp: 1020853
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 10.3 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.520 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

DBXM6

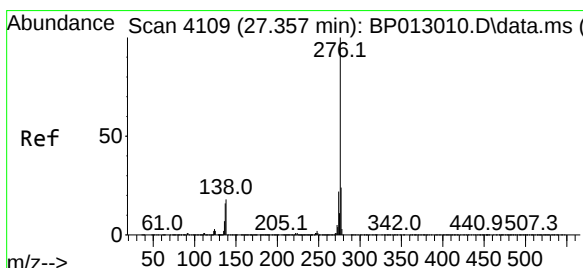
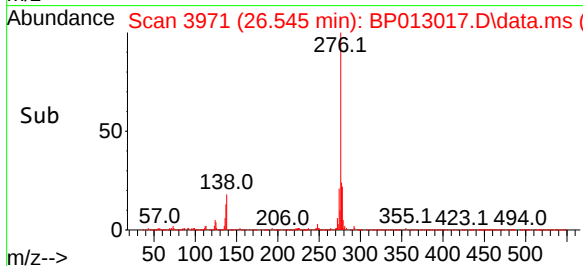
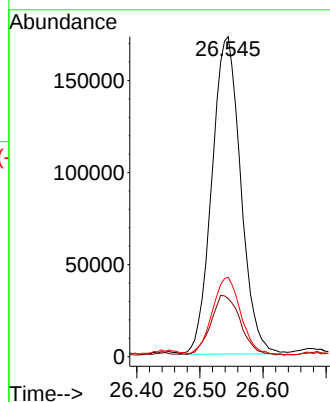
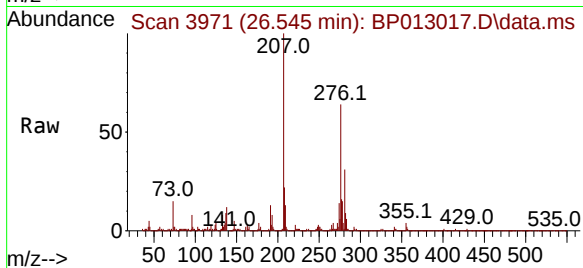
Tgt Ion:276 Resp: 545187

Ion Ratio Lower Upper

276 100

138 18.1 17.1 25.7

277 24.8 20.0 30.0



#96

Benzo(g,h,i)perylene

Concen: 2.297 ng/ul

RT: 27.345 min Scan# 4107

Delta R.T. -0.006 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

Tgt Ion:276 Resp: 398891

Ion Ratio Lower Upper

276 100

138 20.8 15.4 23.2

277 23.5 19.1 28.7

