

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
 Data File : BP013080.D
 Acq On : 12 Dec 2022 10:00
 Operator : CG/JU
 Sample : N5832-09MEDL2 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 13:27:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

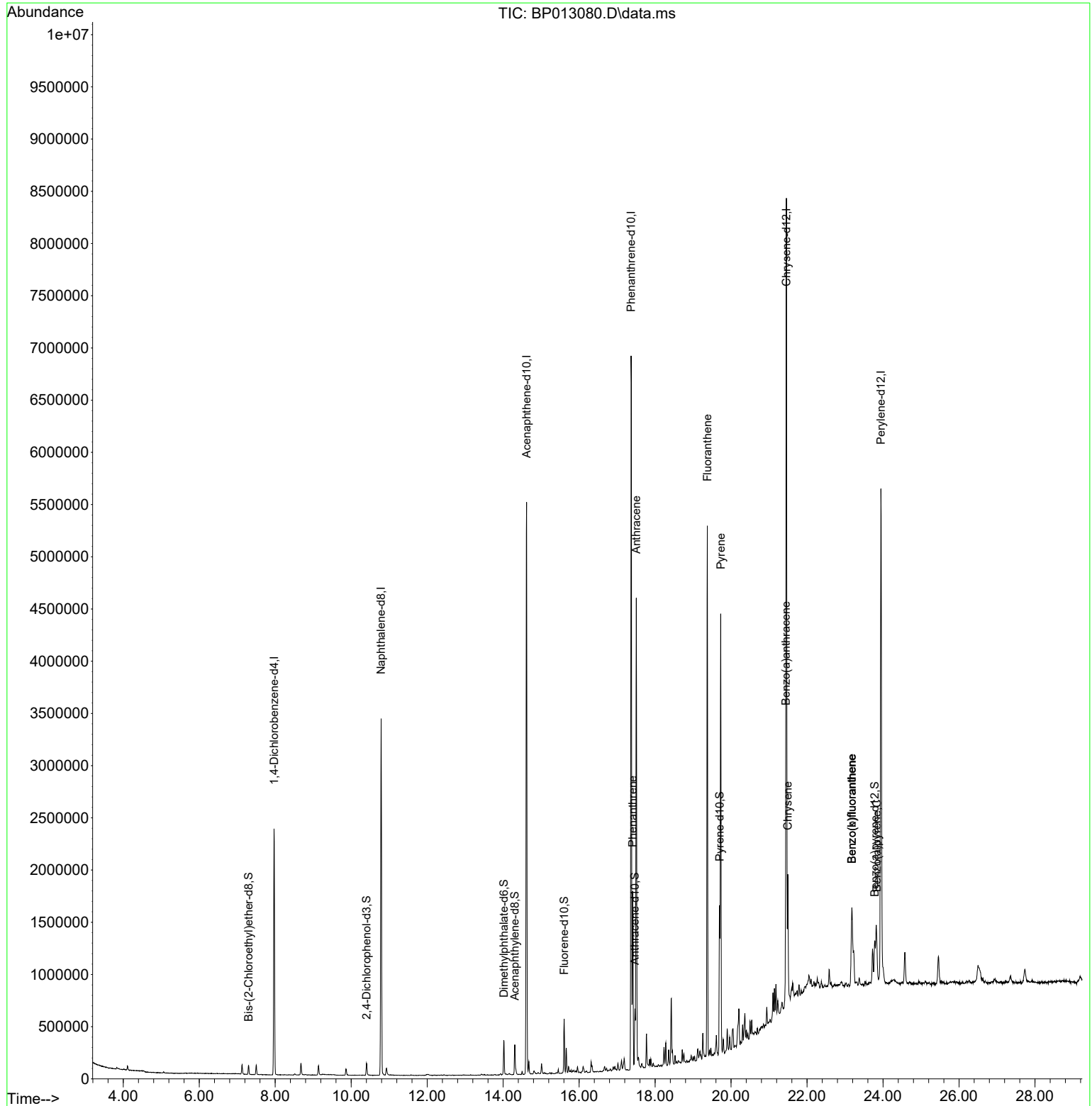
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	661675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.786	136	2829297	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1894903	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	4323346	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	3745871	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3688889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	1581	0.102	ng/uL	0.01
4) Pyridine-d5	3.781	84	1600	0.036	ng/u1	0.00
7) Phenol-d5	7.128	99	53892	1.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	38141	1.173	ng/u1	0.00
11) 2-Chlorophenol-d4	7.498	132	41885	0.987	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	42682	0.967	ng/u1	0.00
21) Nitrobenzene-d5	9.139	128	20765	0.999	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	19529	0.834	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	46698	1.027	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	38802	0.605	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	219367	1.506	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	198223	1.239	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	9261	0.354	ng/u1	0.00
60) Fluorene-d10	15.604	176	202245	1.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	13388	0.481	ng/u1	0.00
73) Anthracene-d10	17.468	188	335832	1.722	ng/u1	0.00
81) Pyrene-d10	19.698	212	418778	1.948	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	303776	1.652	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.410	178	999149	4.437	ng/u1	100
74) Anthracene	17.504	178	2764969	12.297	ng/u1	100
80) Fluoranthene	19.374	202	2936670	12.034	ng/u1	99
82) Pyrene	19.727	202	2472005	9.820	ng/u1	98
85) Benzo(a)anthracene	21.439	228	638606	2.568	ng/u1	99
87) Chrysene	21.492	228	784663	3.337	ng/u1	99
90) Benzo(b)fluoranthene	23.180	252	667121	2.836	ng/u1	99
91) Benzo(k)fluoranthene	23.180	252	667121	2.860	ng/u1	99
93) Benzo(a)pyrene	23.833	252	251352	1.227	ng/u1	97

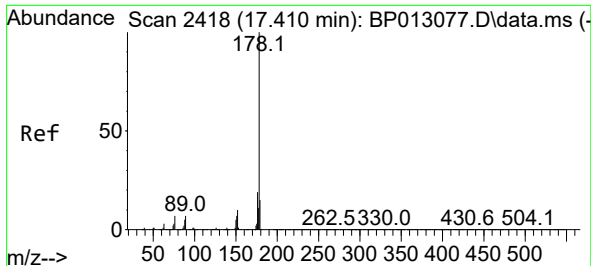
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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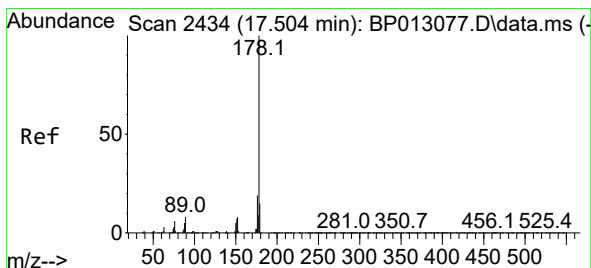
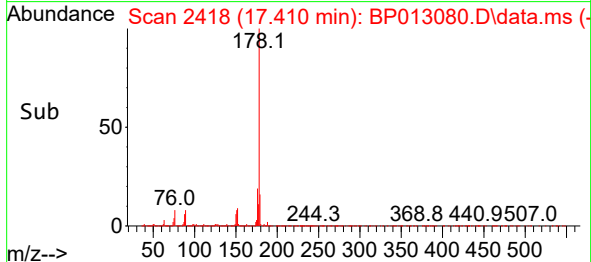
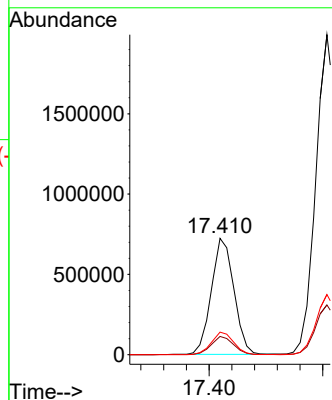
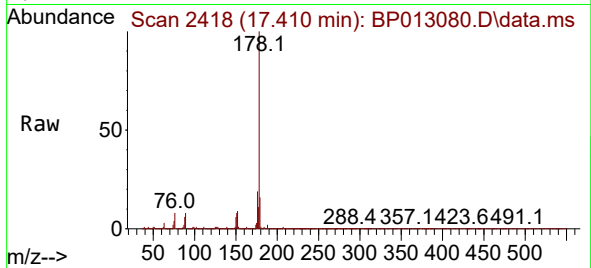




#72
Phenanthrene
Concen: 4.437 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP013080.D
Acq: 12 Dec 2022 10:00

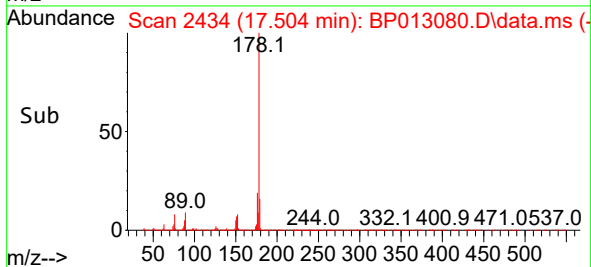
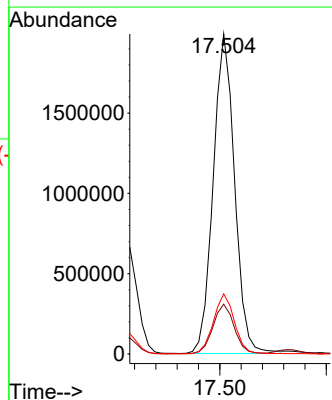
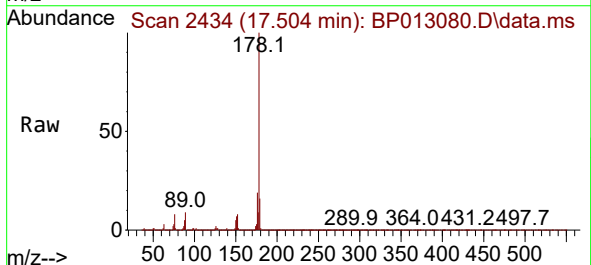
Instrument :
BNA_P
ClientSampleId :

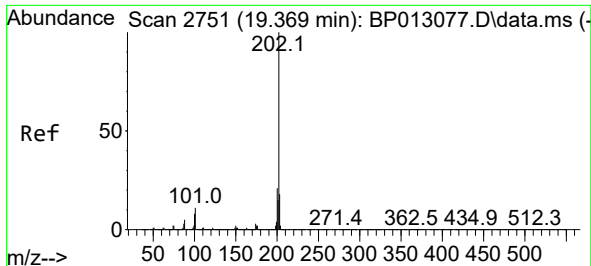
Tgt Ion:178 Resp: 999149
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.3 15.4 23.0



#74
Anthracene
Concen: 12.297 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP013080.D
Acq: 12 Dec 2022 10:00

Tgt Ion:178 Resp: 2764969
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.8 14.8 22.2

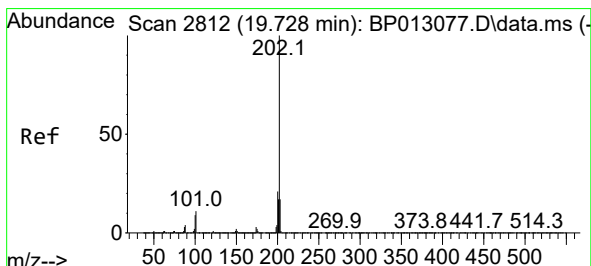
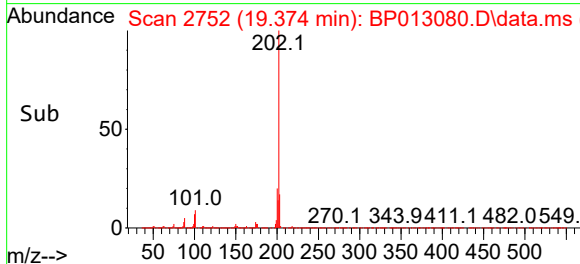
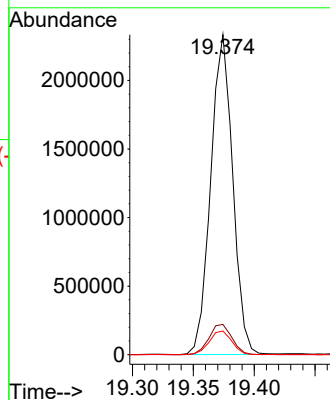
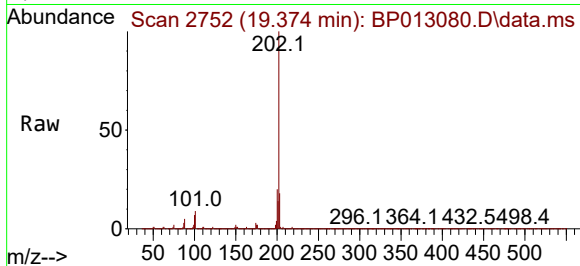




#80
Fluoranthene
Concen: 12.034 ng/ul
RT: 19.374 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013080.D
Acq: 12 Dec 2022 10:00

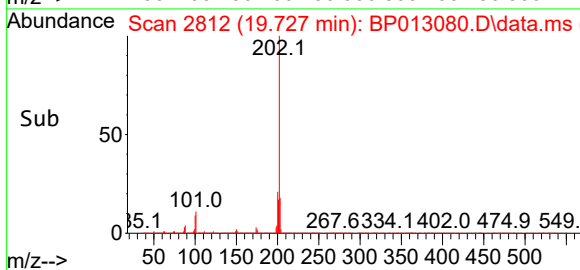
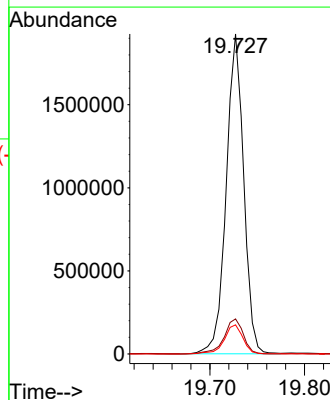
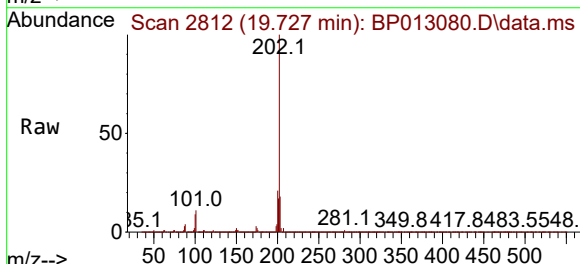
Instrument :
BNA_P
ClientSampleId :

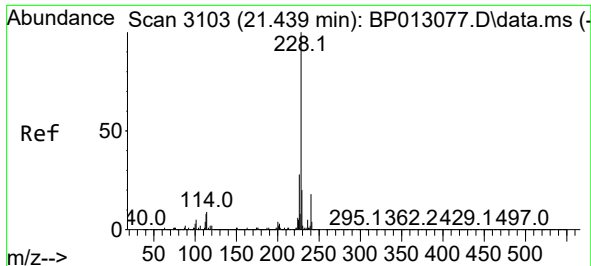
Tgt Ion:202 Resp: 2936670
Ion Ratio Lower Upper
202 100
101 9.4 8.2 12.2
100 7.4 6.1 9.1



#82
Pyrene
Concen: 9.820 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP013080.D
Acq: 12 Dec 2022 10:00

Tgt Ion:202 Resp: 2472005
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.2
100 9.1 7.8 11.8

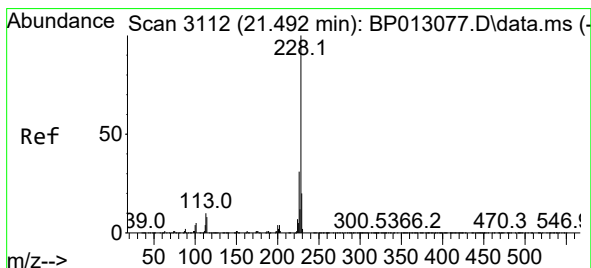
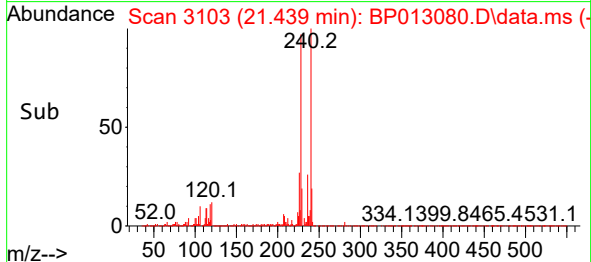
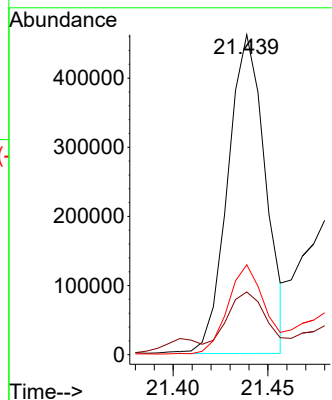
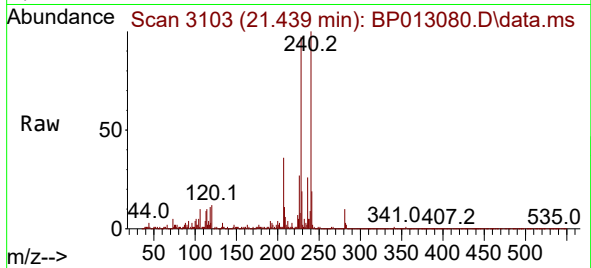




#85
Benzo(a)anthracene
Concen: 2.568 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP013080.D
Acq: 12 Dec 2022 10:00

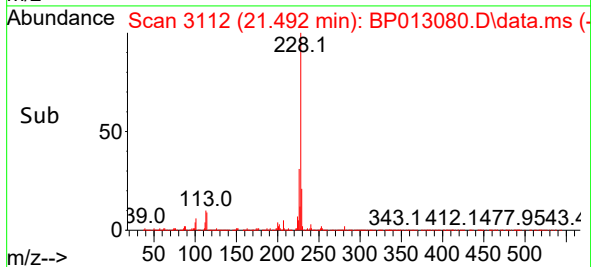
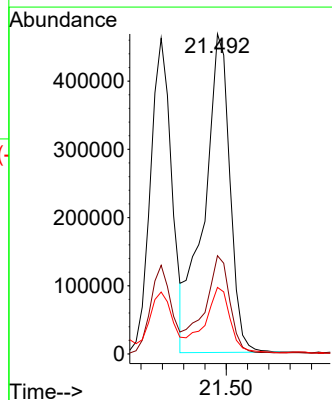
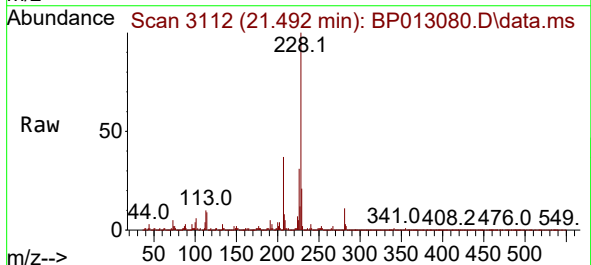
Instrument :
BNA_P
ClientSampleId :

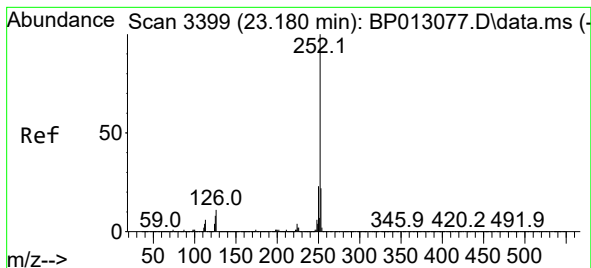
Tgt Ion:228 Resp: 638606
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 28.1 22.0 33.0



#87
Chrysene
Concen: 3.337 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP013080.D
Acq: 12 Dec 2022 10:00

Tgt Ion:228 Resp: 784663
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.8 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 2.836 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BP013080.D

Acq: 12 Dec 2022 10:00

Instrument :

BNA_P

ClientSampleId :

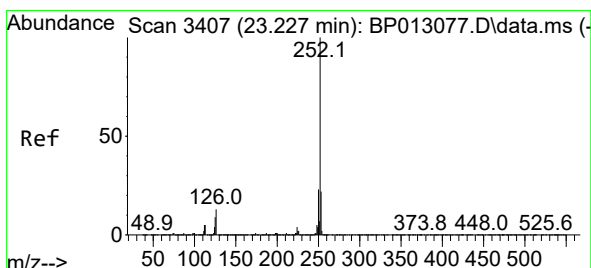
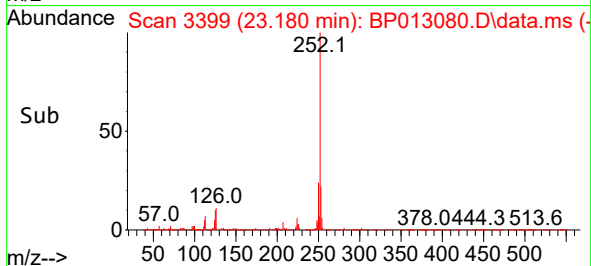
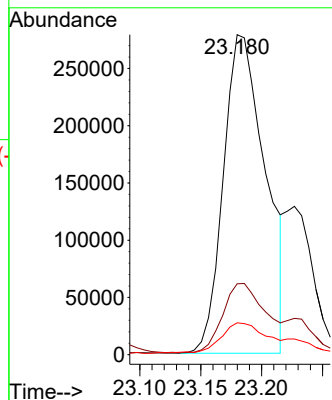
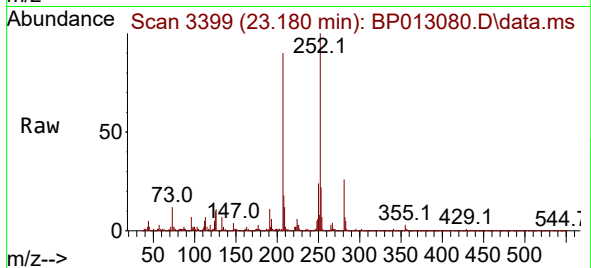
Tgt Ion:252 Resp: 667121

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 2.860 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.047 min

Lab File: BP013080.D

Acq: 12 Dec 2022 10:00

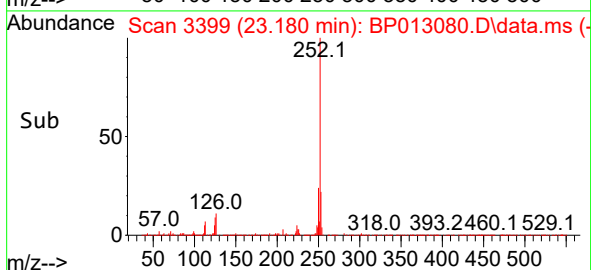
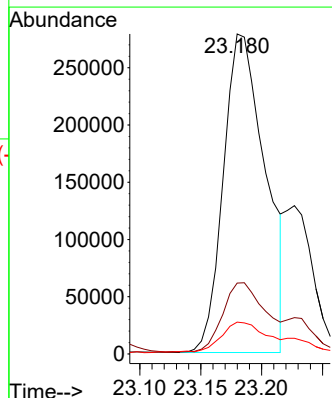
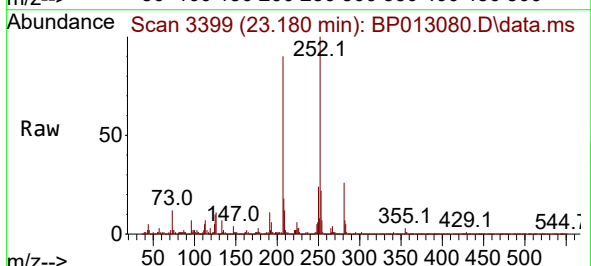
Tgt Ion:252 Resp: 667121

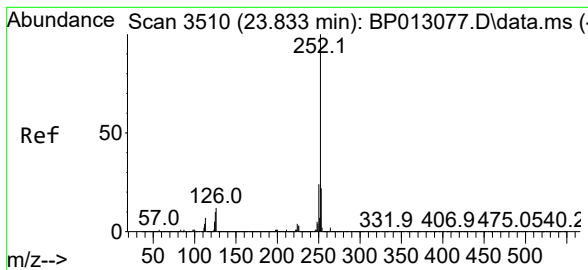
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 1.227 ng/ul

RT: 23.833 min Scan# 3

Delta R.T. -0.000 min

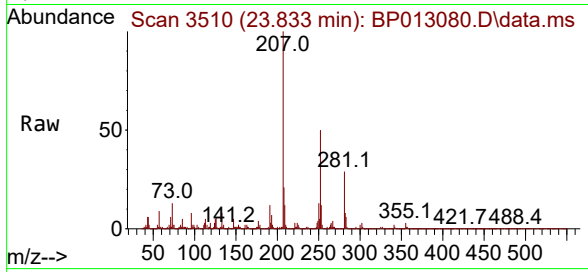
Lab File: BP013080.D

Acq: 12 Dec 2022 10:00

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 251352

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 10.8 7.5 11.3

