

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP012984.D
 Acq On : 08 Dec 2022 14:49
 Operator : CG/JU
 Sample : N5832-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK8

Quant Time: Dec 09 01:54:24 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)

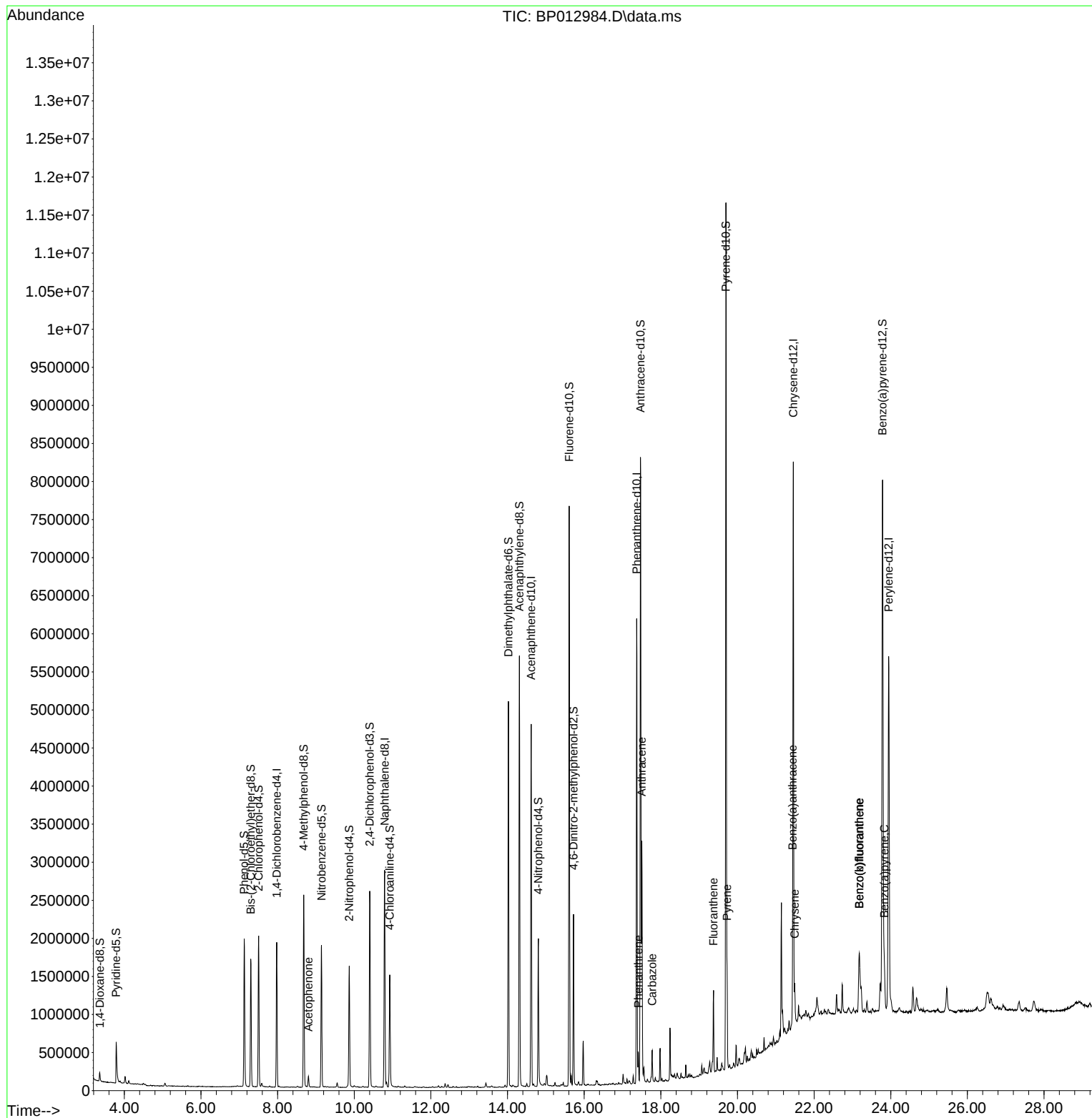
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	542633	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	2364807	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1613669	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3681114	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3527009	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3778785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	63543	5.007	ng/uL	0.00
4) Pyridine-d5	3.787	84	322025	8.932	ng/u1	0.00
7) Phenol-d5	7.128	99	1139414	25.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	733970	27.528	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	925524	26.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	935215	25.824	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	455447	26.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	526949	26.939	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	977973	25.740	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	840479	15.670	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3465346	27.942	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	3707812	27.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	490869	22.004	ng/u1	0.00
60) Fluorene-d10	15.610	176	3051842	29.087	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	463261	19.556	ng/u1	0.00
73) Anthracene-d10	17.469	188	4879065	29.379	ng/u1	0.00
81) Pyrene-d10	19.698	212	5974999	29.513	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	5661106	30.056	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.805	105	74563	1.343	ng/u1	97
72) Phenanthrene	17.410	178	249390	1.301	ng/u1	99
74) Anthracene	17.504	178	1940066	10.134	ng/u1	99
77) Carbazole	17.775	167	264637	1.641	ng/u1	98
80) Fluoranthene	19.375	202	603567	2.627	ng/u1	99
82) Pyrene	19.727	202	700114	2.954	ng/u1	99
85) Benzo(a)anthracene	21.439	228	329626	1.408	ng/u1	98
87) Chrysene	21.492	228	282351	1.275	ng/u1	98
90) Benzo(b)fluoranthene	23.180	252	685566	2.845	ng/u1	99
91) Benzo(k)fluoranthene	23.180	252	685566	2.869	ng/u1	99
93) Benzo(a)pyrene	23.833	252	286285	1.364	ng/u1	96

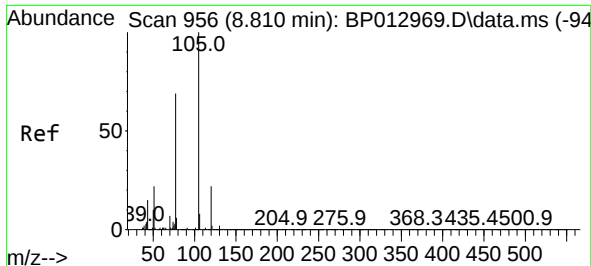
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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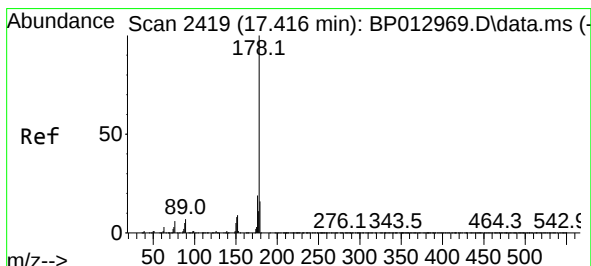
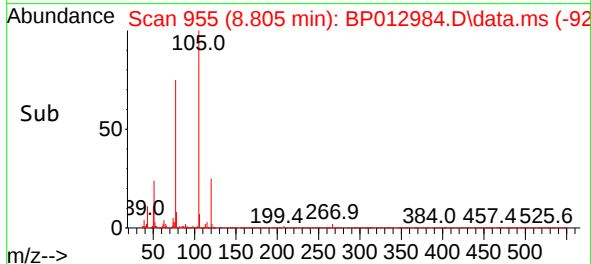
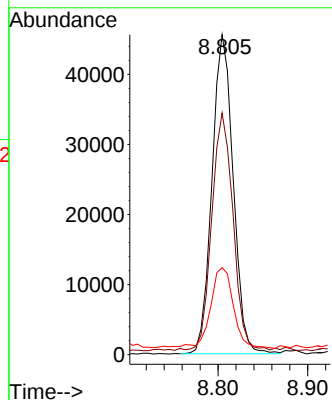
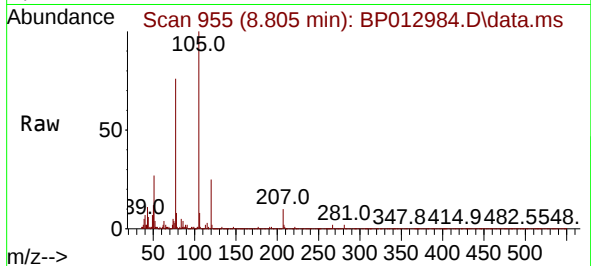




#16
Acetophenone
Concen: 1.343 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012984.D
Acq: 08 Dec 2022 14:49

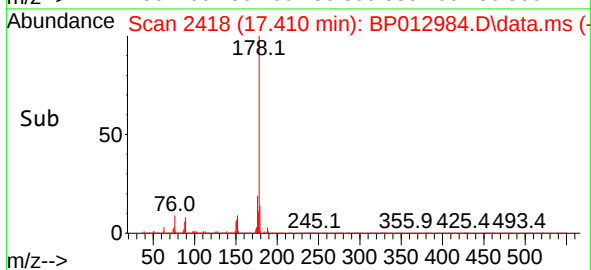
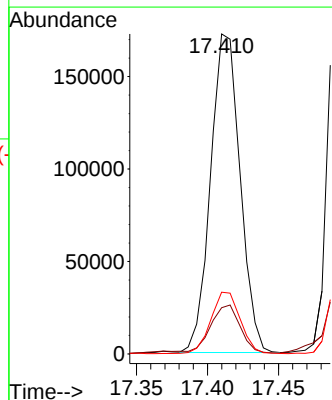
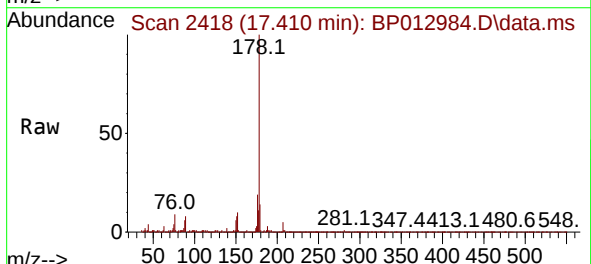
Instrument :
BNA_P
ClientSampleId :
DBXK8

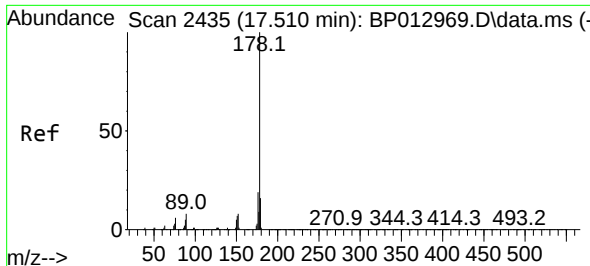
Tgt Ion:105 Resp: 74563
Ion Ratio Lower Upper
105 100
77 75.5 59.3 88.9
51 27.2 19.6 29.4



#72
Phenanthrene
Concen: 1.301 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP012984.D
Acq: 08 Dec 2022 14:49

Tgt Ion:178 Resp: 249390
Ion Ratio Lower Upper
178 100
179 14.5 12.5 18.7
176 19.3 15.4 23.0

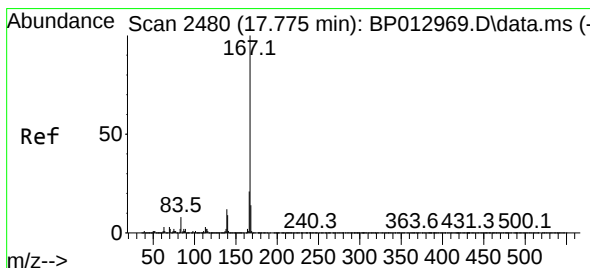
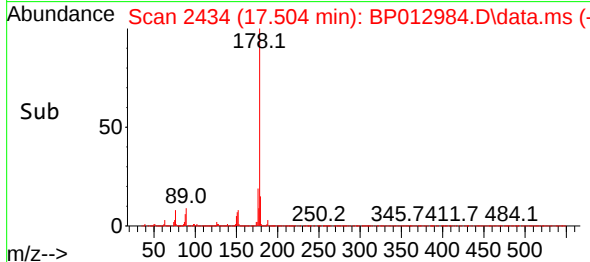
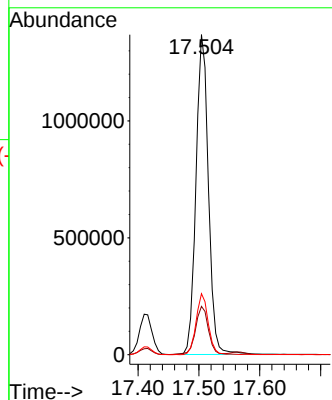
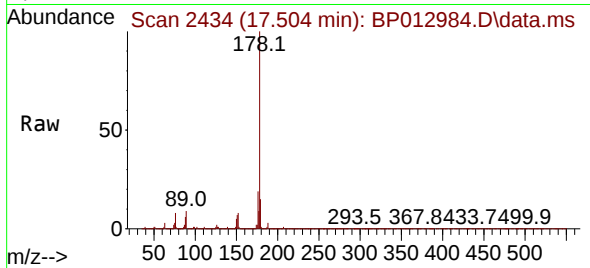




#74
 Anthracene
 Concen: 10.134 ng/ul
 RT: 17.504 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BP012984.D
 Acq: 08 Dec 2022 14:49

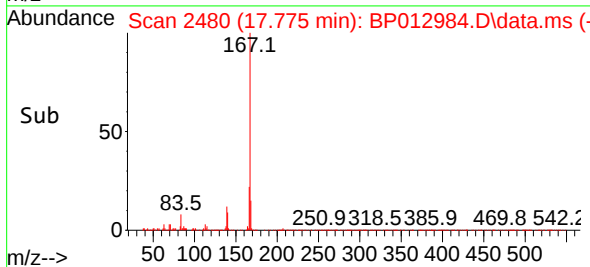
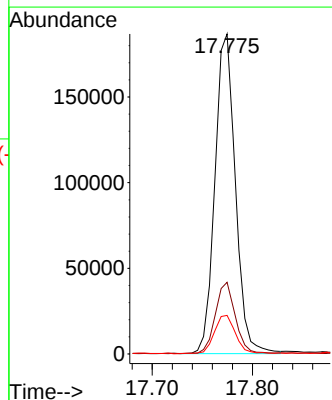
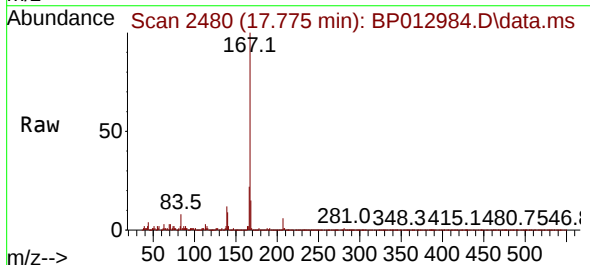
Instrument :
 BNA_P
 ClientSampleId :
 DBXK8

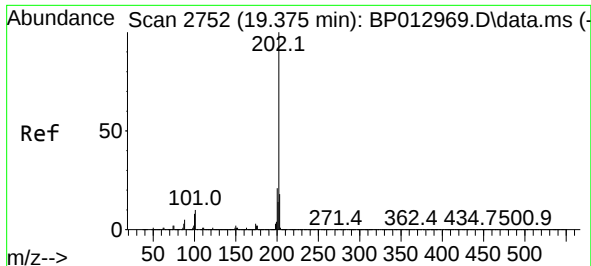
Tgt Ion:178 Resp: 1940066
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.5 18.7
 176 19.1 14.8 22.2



#77
 Carbazole
 Concen: 1.641 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP012984.D
 Acq: 08 Dec 2022 14:49

Tgt Ion:167 Resp: 264637
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 12.1 9.4 14.2

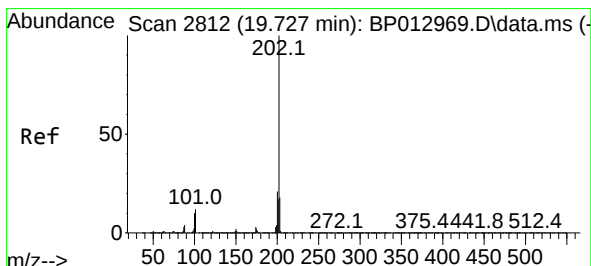
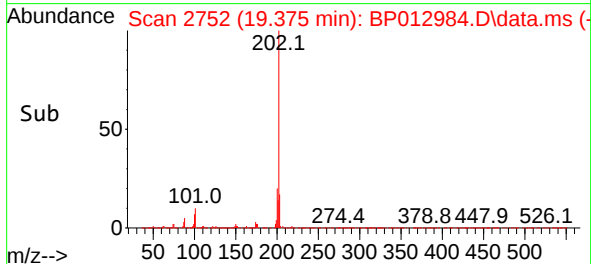
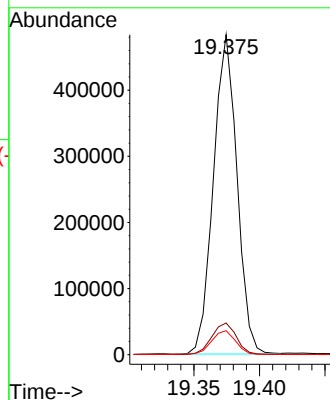
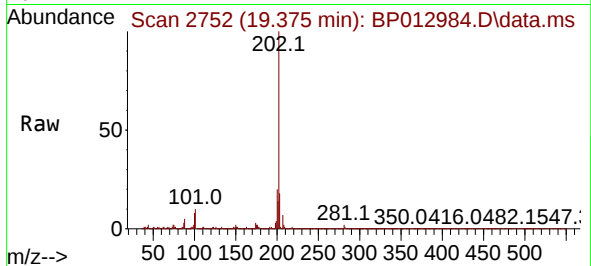




#80
Fluoranthene
Concen: 2.627 ng/ul
RT: 19.375 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP012984.D
Acq: 08 Dec 2022 14:49

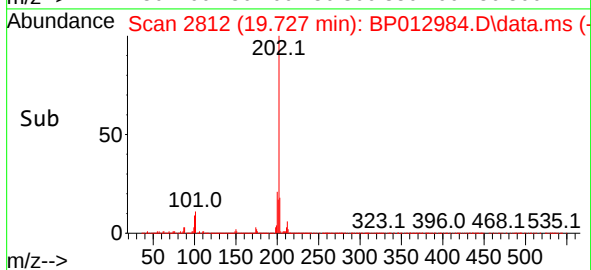
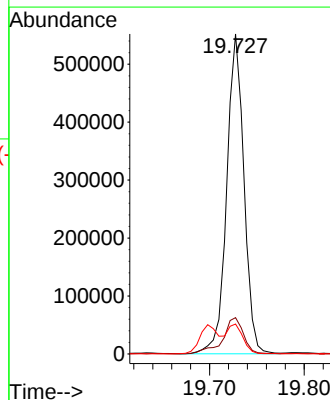
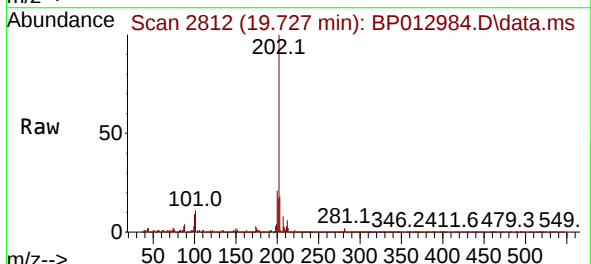
Instrument :
BNA_P
ClientSampleId :
DBXK8

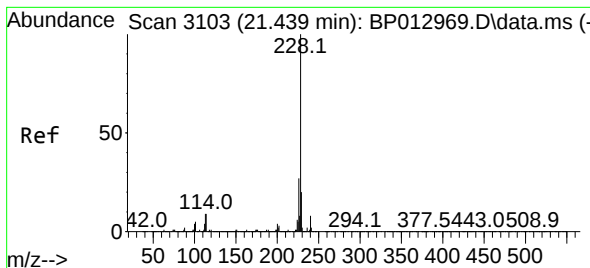
Tgt Ion:202 Resp: 603567
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.2
100 7.5 6.1 9.1



#82
Pyrene
Concen: 2.954 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP012984.D
Acq: 08 Dec 2022 14:49

Tgt Ion:202 Resp: 700114
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 9.4 7.8 11.8





#85

Benzo(a)anthracene

Concen: 1.408 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP012984.D

Acq: 08 Dec 2022 14:49

Instrument :

BNA_P

ClientSampleId :

DBXK8

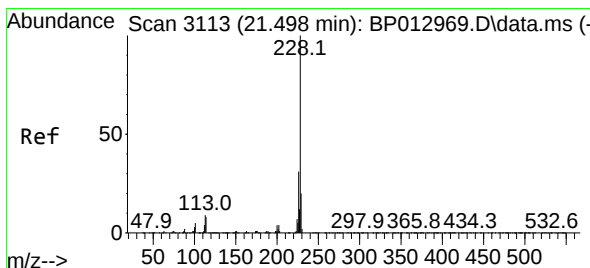
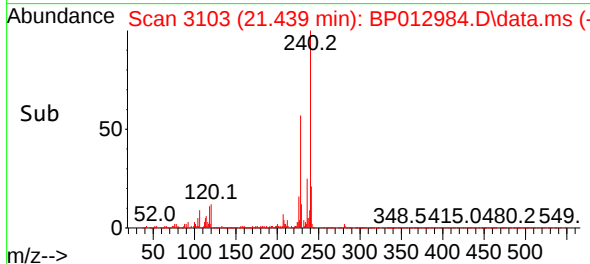
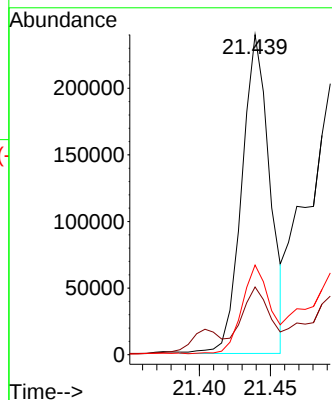
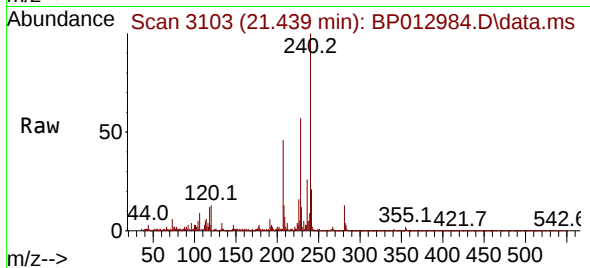
Tgt Ion:228 Resp: 329626

Ion Ratio Lower Upper

228 100

229 21.2 16.1 24.1

226 28.0 22.0 33.0



#87

Chrysene

Concen: 1.275 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP012984.D

Acq: 08 Dec 2022 14:49

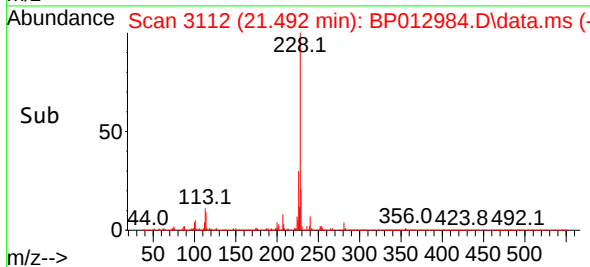
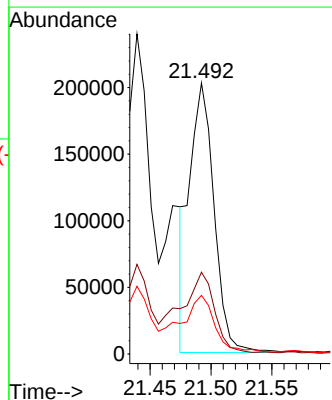
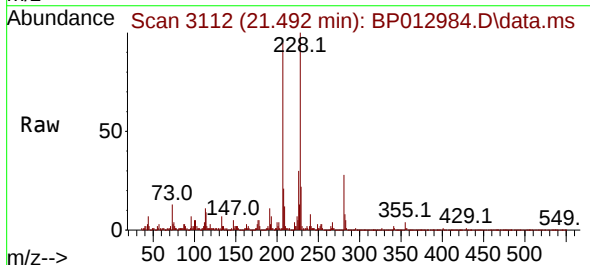
Tgt Ion:228 Resp: 282351

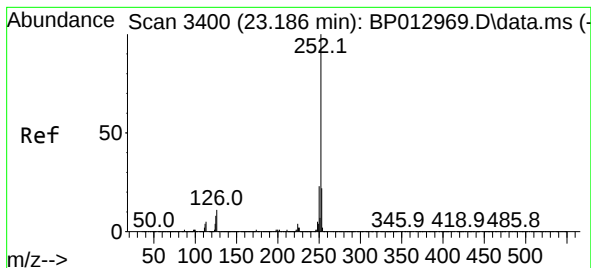
Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 21.6 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 2.845 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BP012984.D

Acq: 08 Dec 2022 14:49

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BNA_P

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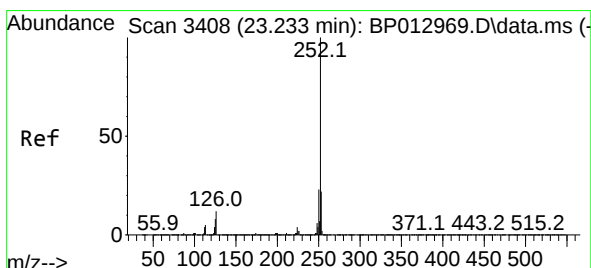
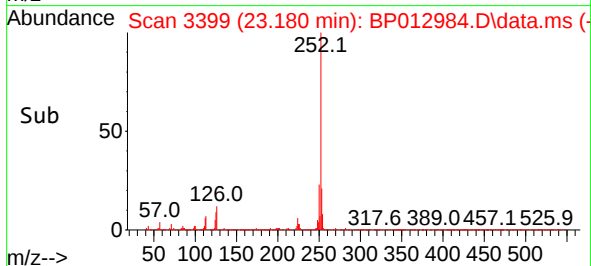
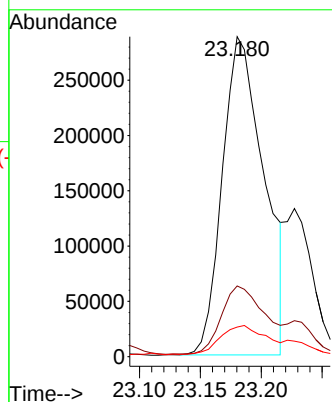
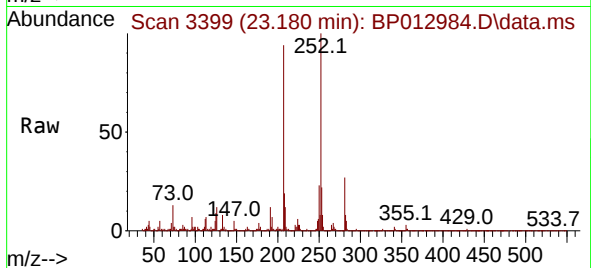
Tgt Ion:252 Resp: 685566

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.3 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 2.869 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.053 min

Lab File: BP012984.D

Acq: 08 Dec 2022 14:49

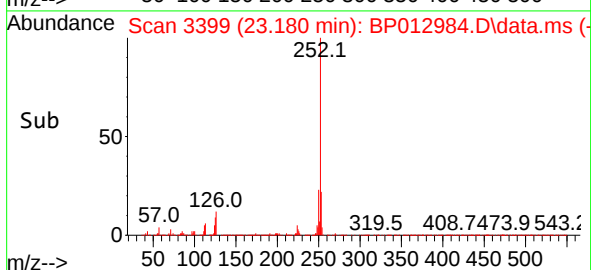
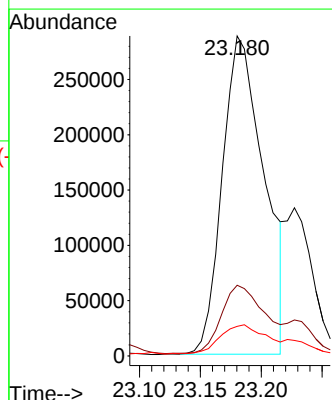
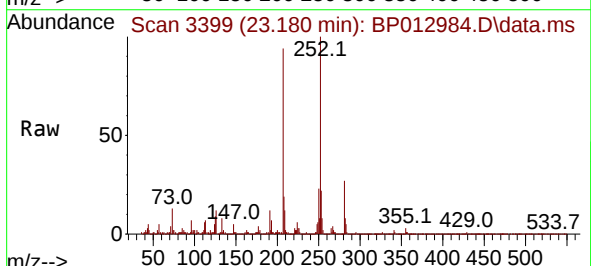
Tgt Ion:252 Resp: 685566

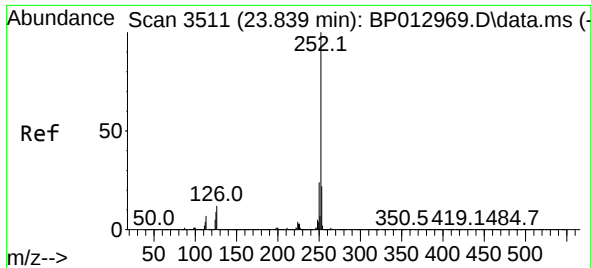
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.3 6.8 10.2





#93
 Benzo(a)pyrene
 Concen: 1.364 ng/ul
 RT: 23.833 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP012984.D
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Instrument :
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Tgt Ion:252 Resp: 286285
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.5 26.3
 125 11.1 7.5 11.3

