

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012046.D
 Acq On : 11 Oct 2022 18:32
 Operator : CG/JU
 Sample : N4950-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8R5

Quant Time: Oct 12 00:23:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 23:54:43 2022
 Response via : Initial Calibration

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

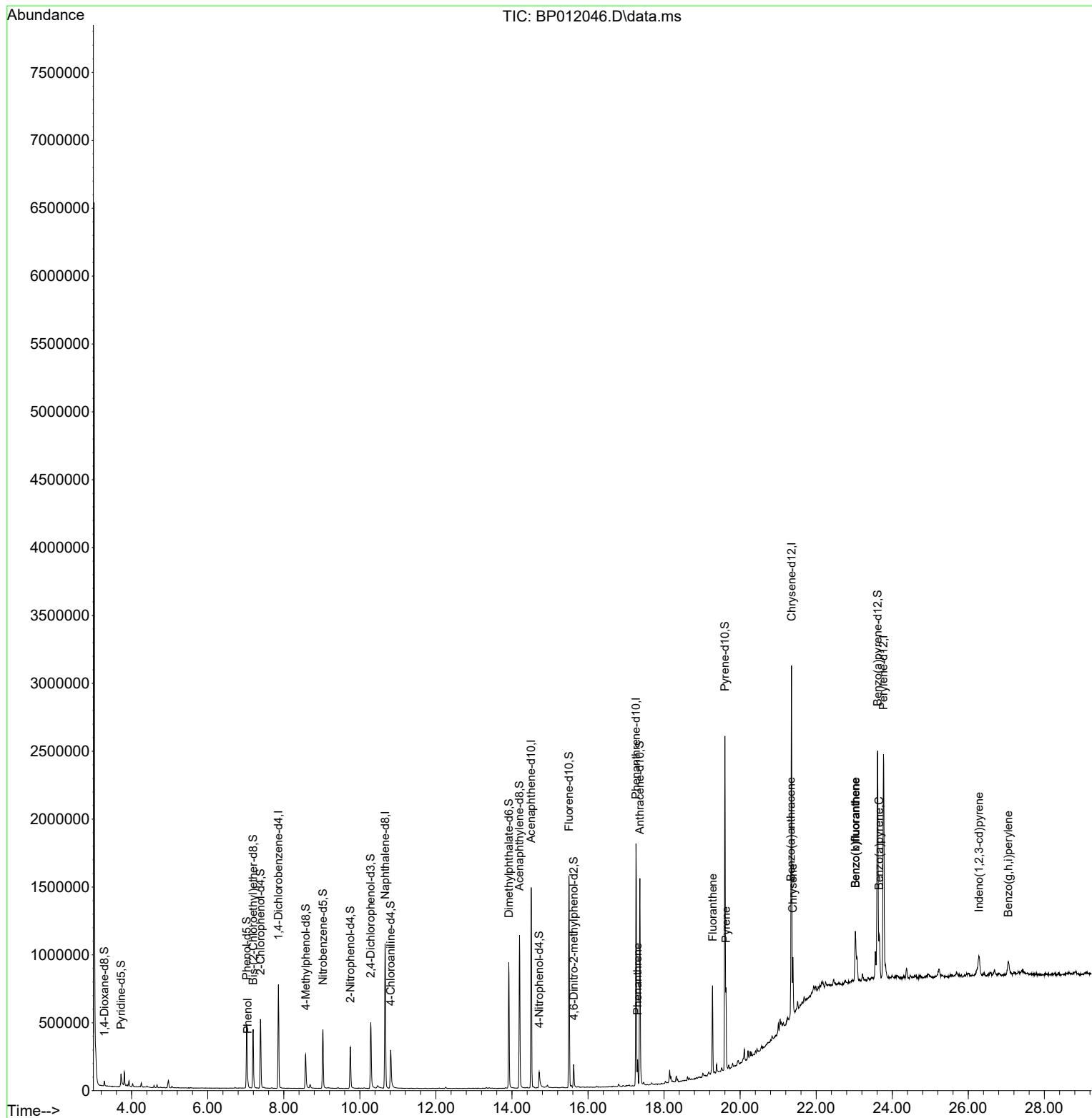
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	227122	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	929169	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	517220	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1041485	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1114366	20.000	ng/ul	0.00
88) Perylene-d12	23.769	264	1205616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	20168	3.501	ng/uL	0.00
4) Pyridine-d5	3.723	84	66689	4.353	ng/ul	0.02
7) Phenol-d5	7.022	99	316878	17.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	200553	19.343	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	265726	18.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	115209	8.211	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	118655	18.081	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	116131	17.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	212188	16.454	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	200036	10.526	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	654997	19.996	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	754884	18.636	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	44801	6.967	ng/ul	0.00
60) Fluorene-d10	15.498	176	615621	20.772	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	37756	6.866	ng/ul	0.00
73) Anthracene-d10	17.363	188	882269	19.508	ng/ul	0.00
81) Pyrene-d10	19.598	212	1158819	20.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1234931	21.071	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.052	94	19943	1.040	ng/ul	92
72) Phenanthrene	17.304	178	110678	1.954	ng/ul	98
80) Fluoranthene	19.275	202	363492	5.196	ng/ul	99
82) Pyrene	19.628	202	330574	4.465	ng/ul	97
85) Benzo(a)anthracene	21.333	228	204920	2.921	ng/ul	99
87) Chrysene	21.386	228	232911	3.450	ng/ul	98
90) Benzo(b)fluoranthene	23.033	252	313612	4.110	ng/ul#	95
91) Benzo(k)fluoranthene	23.033	252	313612	4.178	ng/ul#	96
93) Benzo(a)pyrene	23.657	252	199506	2.930	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.280	276	148231	1.722	ng/ul	98
96) Benzo(g,h,i)perylene	27.051	276	130641	1.683	ng/ul	94

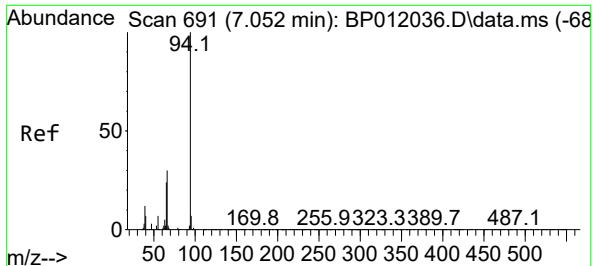
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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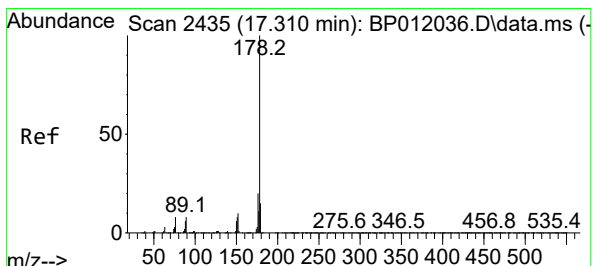
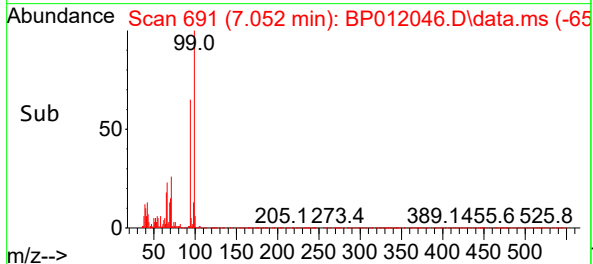
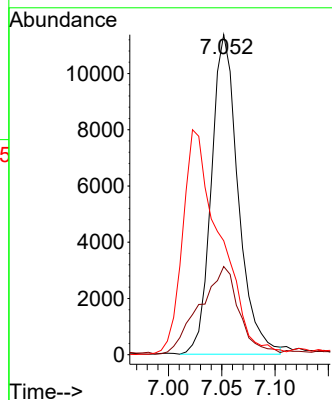
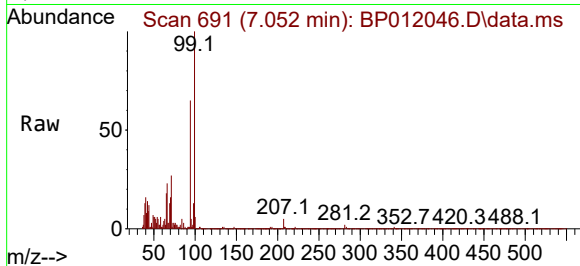




#8
Phenol
Concen: 1.040 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

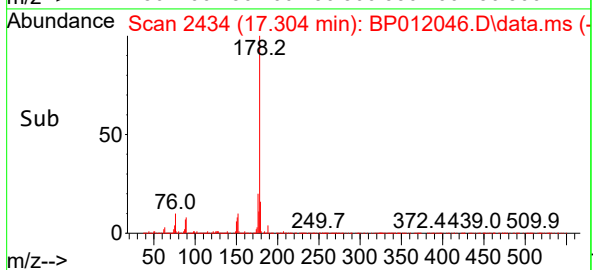
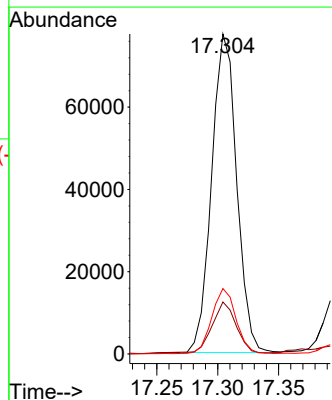
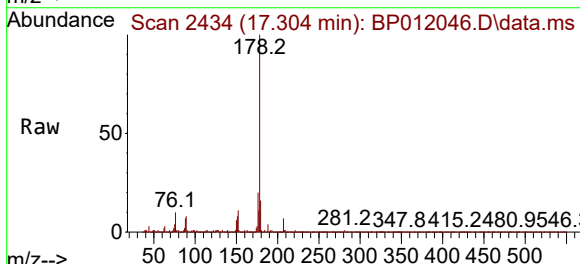
Instrument :
BNA_P
ClientSampleId :
CB8R5

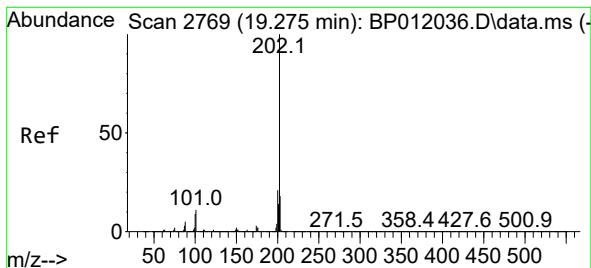
Tgt Ion:	94	Resp:	19943
Ion	Ratio	Lower	Upper
94	100		
65	27.6	19.4	29.0
66	35.6	24.6	37.0



#72
Phenanthrene
Concen: 1.954 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

Tgt Ion:	178	Resp:	110678
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	20.4	15.8	23.6





#80

Fluoranthene

Concen: 5.196 ng/ul

RT: 19.275 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP012046.D

Acq: 11 Oct 2022 18:32

Instrument :

BNA_P

ClientSampleId :

CB8R5

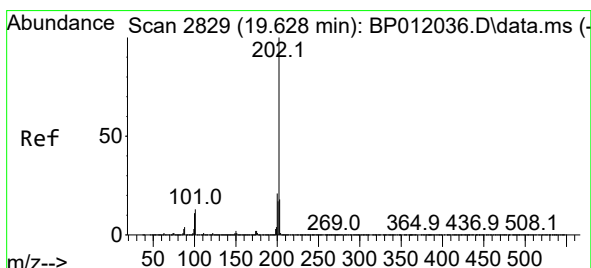
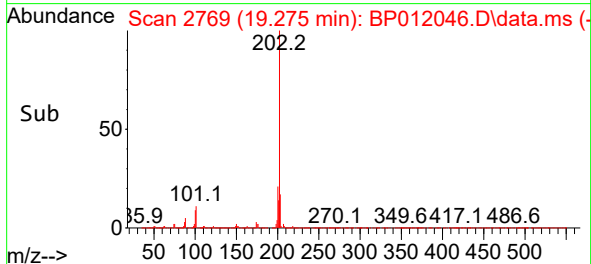
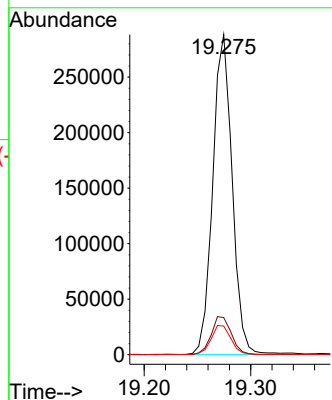
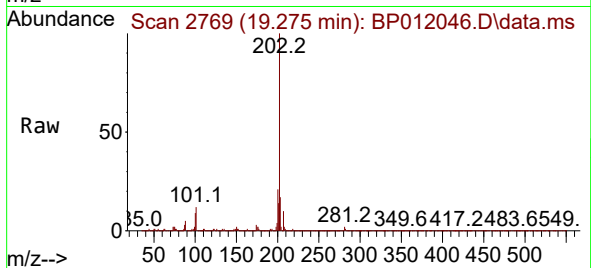
Tgt Ion:202 Resp: 363492

Ion Ratio Lower Upper

202 100

101 11.6 9.0 13.6

100 8.9 7.0 10.6



#82

Pyrene

Concen: 4.465 ng/ul

RT: 19.628 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP012046.D

Acq: 11 Oct 2022 18:32

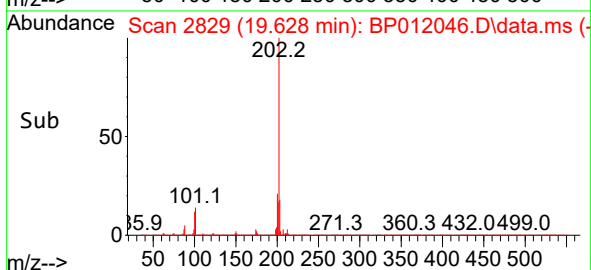
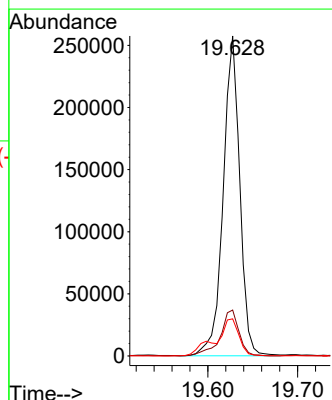
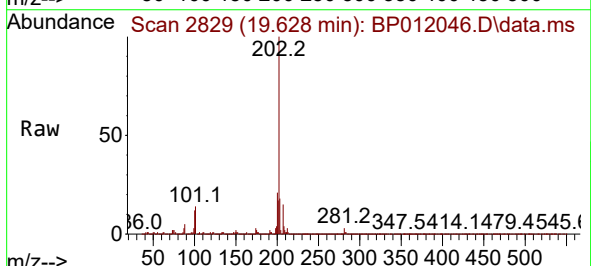
Tgt Ion:202 Resp: 330574

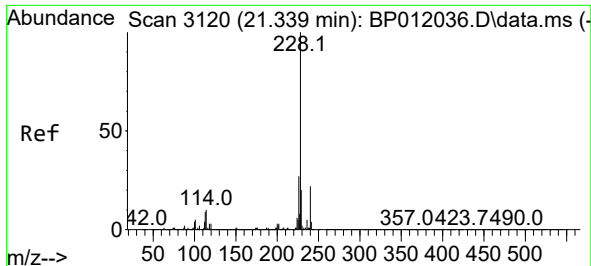
Ion Ratio Lower Upper

202 100

101 14.3 10.4 15.6

100 11.6 8.5 12.7

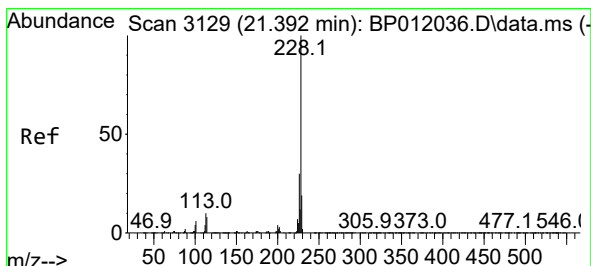
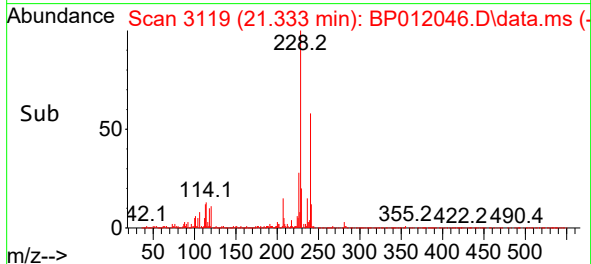
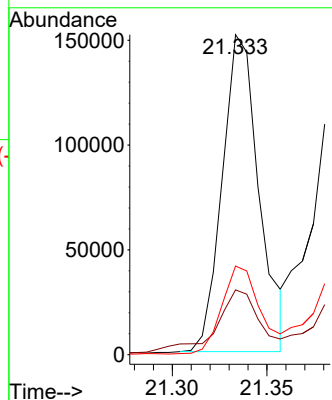
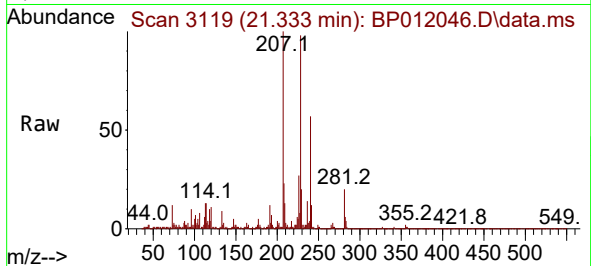




#85
Benzo(a)anthracene
Concen: 2.921 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

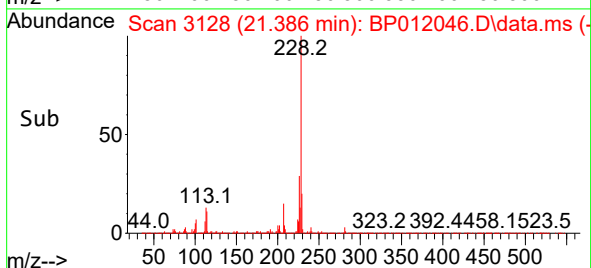
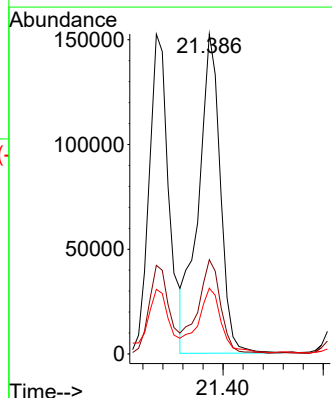
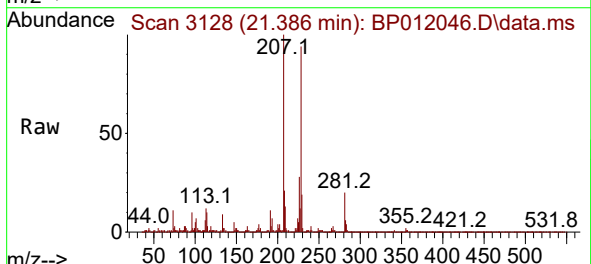
Instrument :
BNA_P
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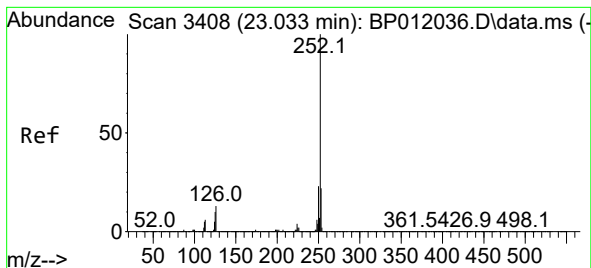
Tgt Ion:228 Resp: 204920
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.7 21.9 32.9



#87
Chrysene
Concen: 3.450 ng/ul
RT: 21.386 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP012046.D
Acq: 11 Oct 2022 18:32

Tgt Ion:228 Resp: 232911
Ion Ratio Lower Upper
228 100
226 29.5 24.0 36.0
229 20.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.110 ng/ul

RT: 23.033 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP012046.D

Acq: 11 Oct 2022 18:32

Instrument :

BNA_P

ClientSampleId :

CB8R5

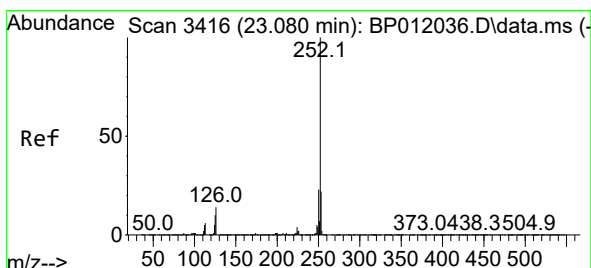
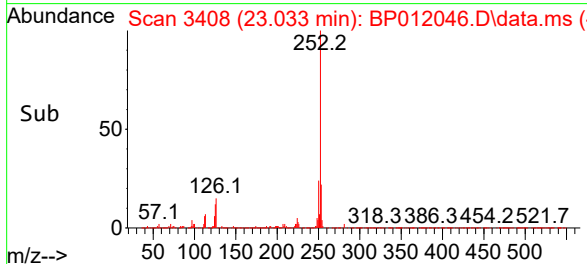
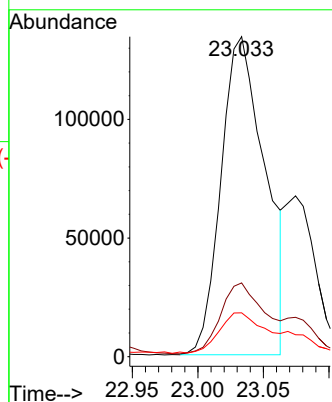
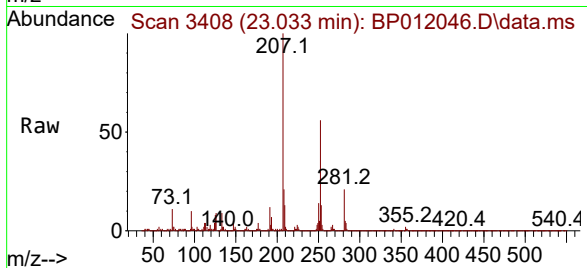
Tgt Ion:252 Resp: 313612

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 13.7 7.8 11.8#



#91

Benzo(k)fluoranthene

Concen: 4.178 ng/ul

RT: 23.033 min Scan# 3408

Delta R.T. -0.047 min

Lab File: BP012046.D

Acq: 11 Oct 2022 18:32

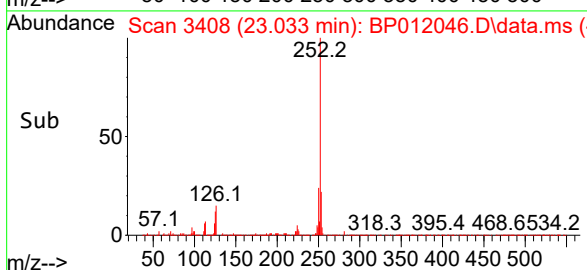
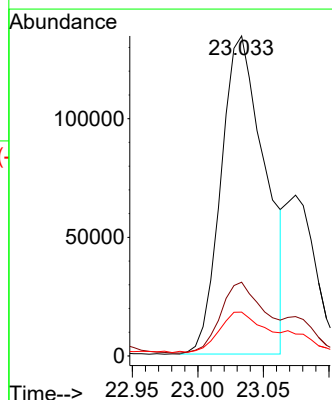
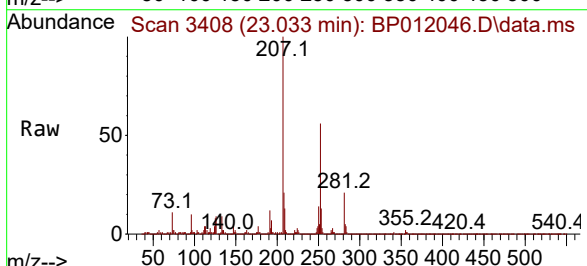
Tgt Ion:252 Resp: 313612

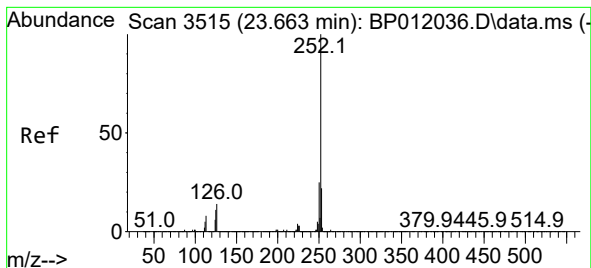
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 13.7 8.2 12.2#





#93

Benzo(a)pyrene

Concen: 2.930 ng/ul

RT: 23.657 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BP012046.D

Acq: 11 Oct 2022 18:32

Instrument :

BNA_P

ClientSampleId :

CB8R5

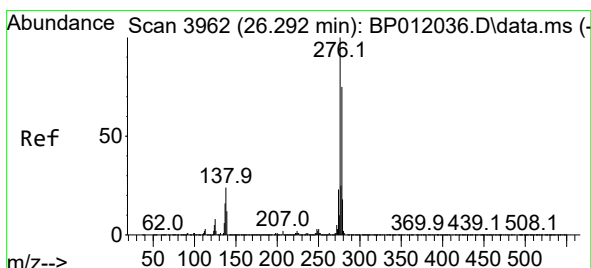
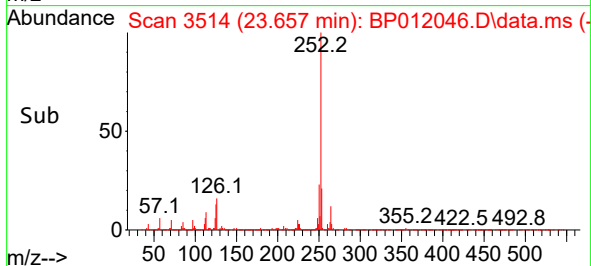
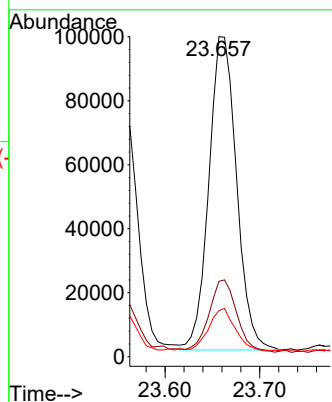
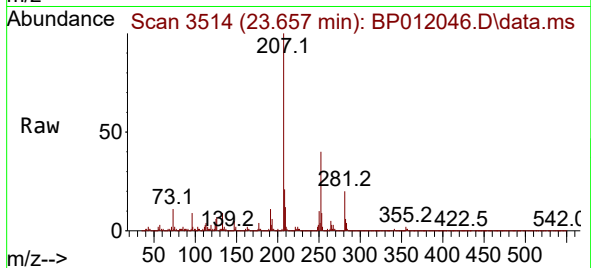
Tgt Ion:252 Resp: 199506

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 14.4 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.722 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BP012046.D

Acq: 11 Oct 2022 18:32

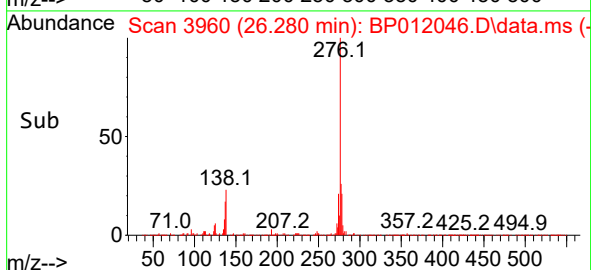
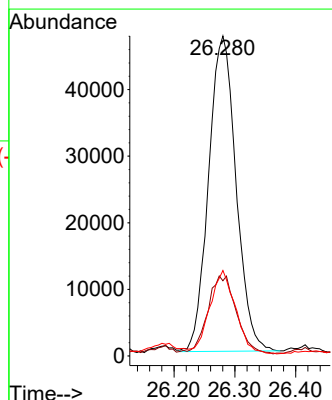
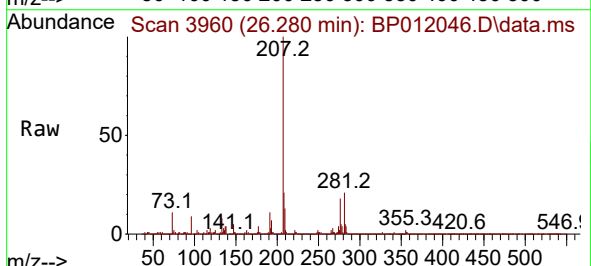
Tgt Ion:276 Resp: 148231

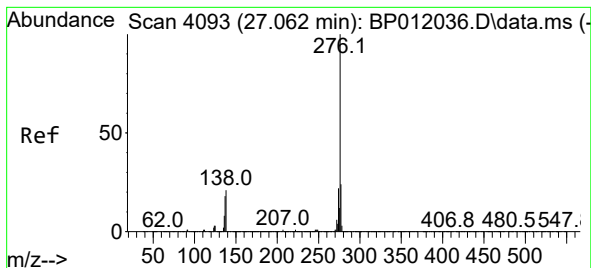
Ion Ratio Lower Upper

276 100

138 23.5 19.1 28.7

277 26.7 19.9 29.9





#96

Benzo(g,h,i)perylene

Concen: 1.683 ng/ul

RT: 27.051 min Scan# 4091

Delta R.T. -0.012 min

Lab File: BP012046.D

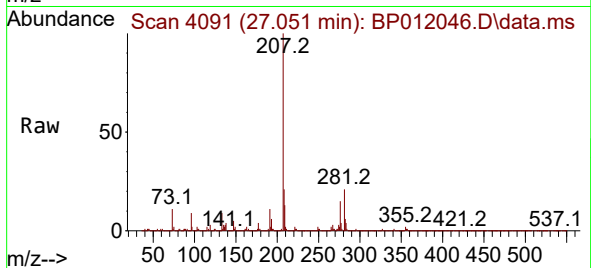
Acq: 11 Oct 2022 18:32

Instrument :

BNA_P

ClientSampleId :

CB8R5



Tgt Ion:276 Resp: 130641

Ion Ratio Lower Upper

276 100

138 24.6 16.5 24.7

277 25.9 19.0 28.4

