

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012078.D
 Acq On : 12 Oct 2022 13:25
 Operator : CG/JU
 Sample : N5024-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BJ7

Quant Time: Oct 12 23:07:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

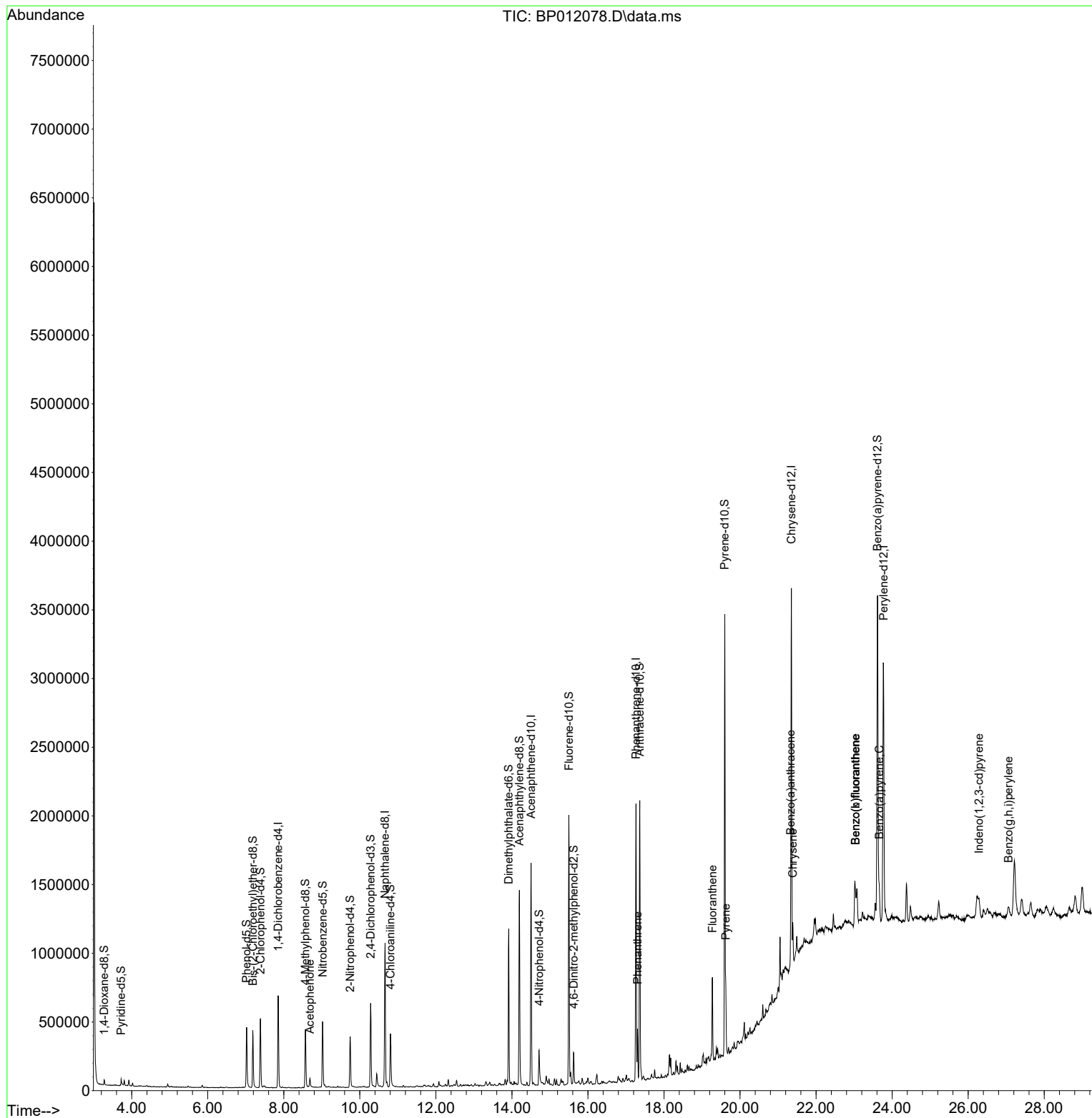
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	204369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	940985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	565832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1216426	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1321772	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1497594	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	19107	3.686	ng/uL	0.00
4) Pyridine-d5	3.722	84	28089	2.038	ng/ul	0.02
7) Phenol-d5	7.022	99	298359	18.152	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	186781	20.020	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	274056	21.005	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	183693	14.550	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	143489	21.591	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	151921	22.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	281874	21.583	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	279989	14.548	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	838510	23.399	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	995852	22.473	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	98841	14.049	ng/ul	0.00
60) Fluorene-d10	15.498	176	796597	24.570	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	62500	9.730	ng/ul	0.00
73) Anthracene-d10	17.363	188	1201366	22.744	ng/ul	0.00
81) Pyrene-d10	19.598	212	1609099	23.763	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	1790220	24.590	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.687	105	41069	2.110	ng/ul	99
72) Phenanthrene	17.304	178	222508	3.364	ng/ul	99
80) Fluoranthene	19.274	202	349732	4.215	ng/ul	98
82) Pyrene	19.627	202	300265	3.420	ng/ul	98
85) Benzo(a)anthracene	21.333	228	163048	1.960	ng/ul	97
87) Chrysene	21.386	228	178532	2.229	ng/ul	96
90) Benzo(b)fluoranthene	23.033	252	238901	2.520	ng/ul#	95
91) Benzo(k)fluoranthene	23.033	252	238901	2.562	ng/ul#	95
93) Benzo(a)pyrene	23.662	252	155427	1.838	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.286	276	122932	1.150	ng/ul	97
96) Benzo(g,h,i)perylene	27.062	276	105170	1.091	ng/ul	97

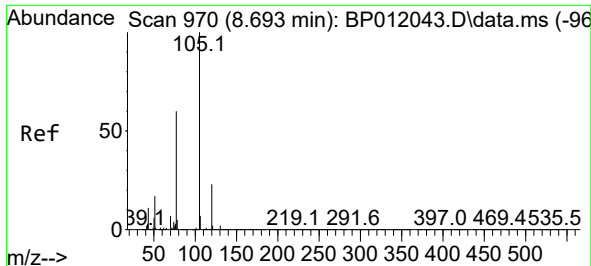
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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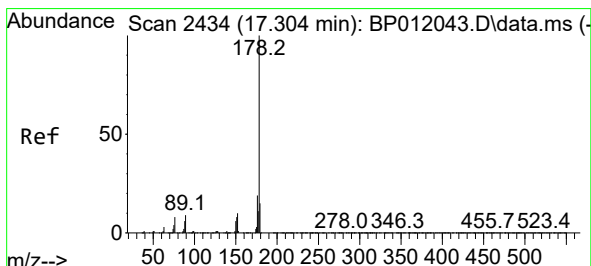
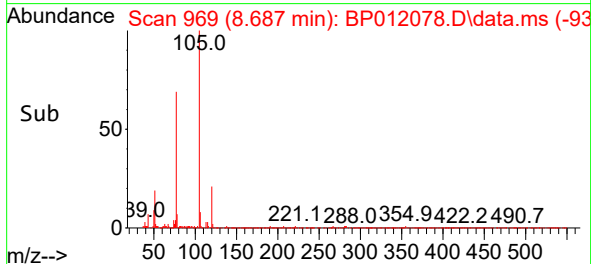
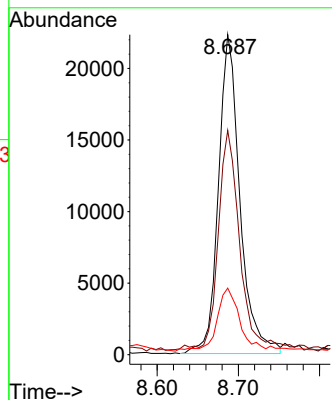
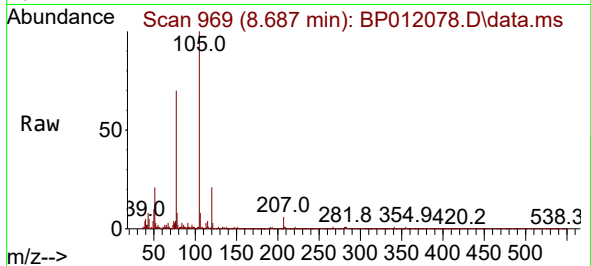




#16
Acetophenone
Concen: 2.110 ng/ul
RT: 8.687 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

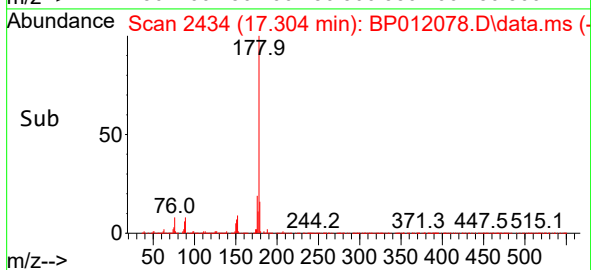
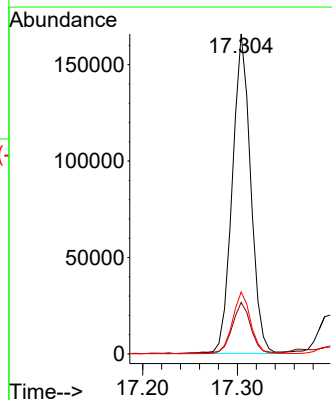
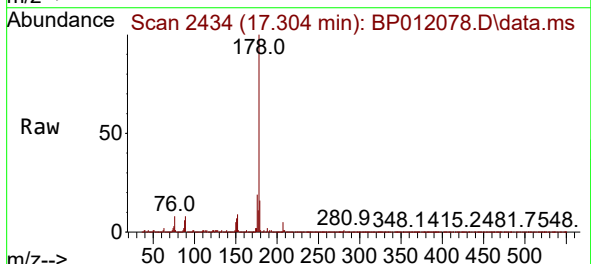
Instrument :
BNA_P
ClientSampleId :
C0BJ7

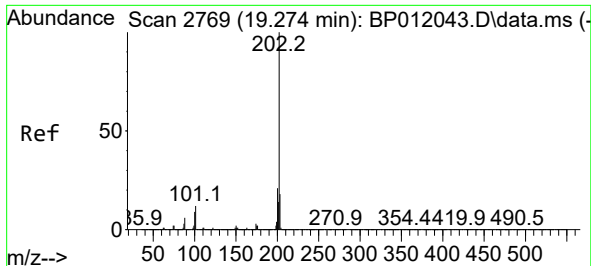
Tgt Ion:105 Resp: 41069
Ion Ratio Lower Upper
105 100
77 70.1 57.0 85.4
51 20.8 16.4 24.6



#72
Phenanthrene
Concen: 3.364 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

Tgt Ion:178 Resp: 222508
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 19.4 15.8 23.6

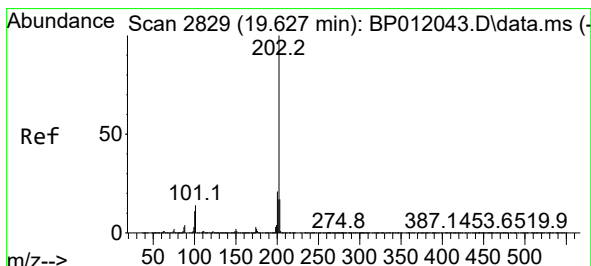
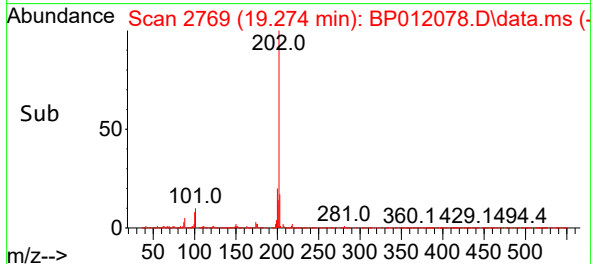
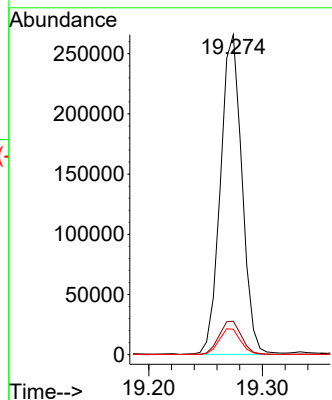
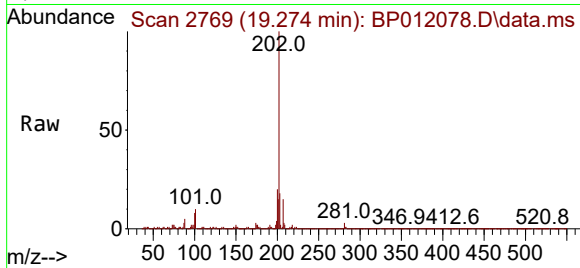




#80
Fluoranthene
Concen: 4.215 ng/ul
RT: 19.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

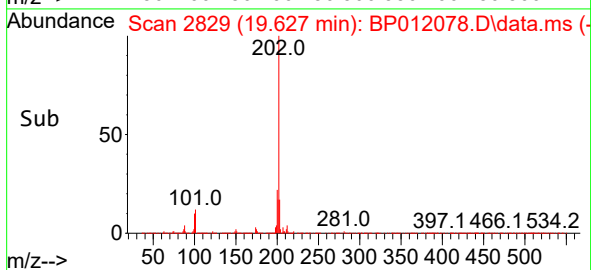
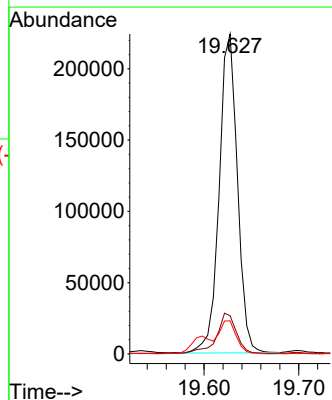
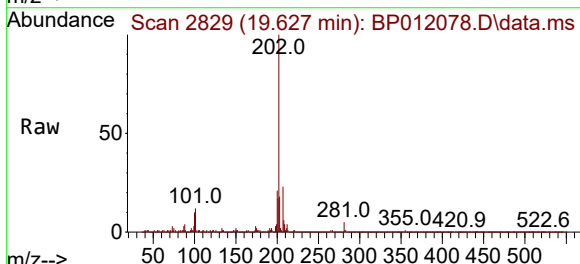
Instrument :
BNA_P
ClientSampleId :
C0BJ7

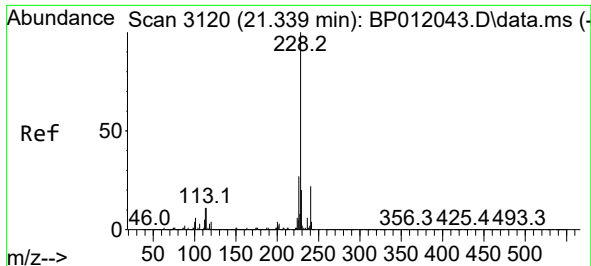
Tgt Ion:202 Resp: 349732
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.0 7.0 10.6



#82
Pyrene
Concen: 3.420 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

Tgt Ion:202 Resp: 300265
Ion Ratio Lower Upper
202 100
101 12.0 10.4 15.6
100 10.3 8.5 12.7

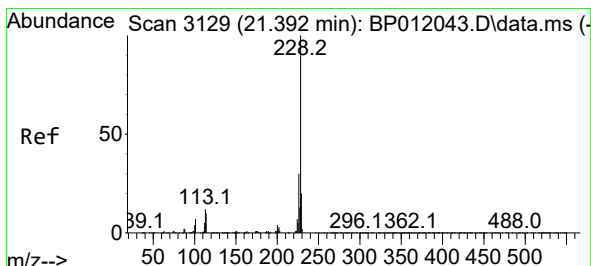
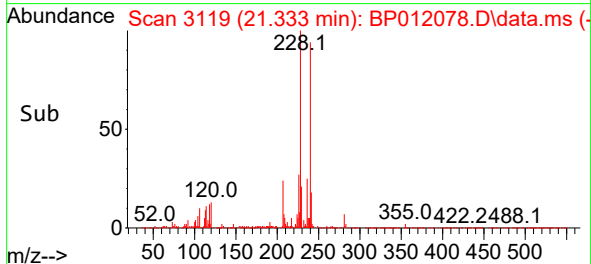
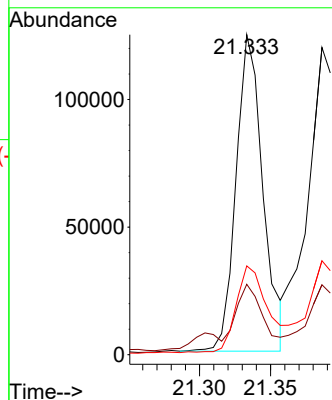
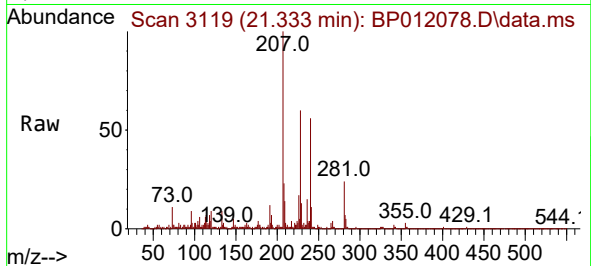




#85
Benzo(a)anthracene
Concen: 1.960 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

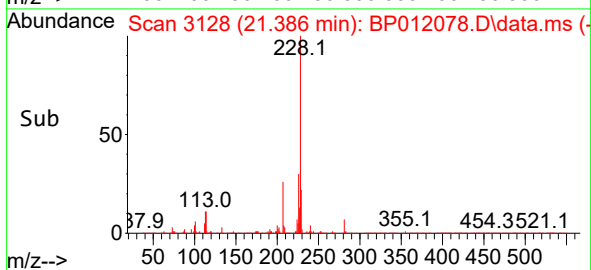
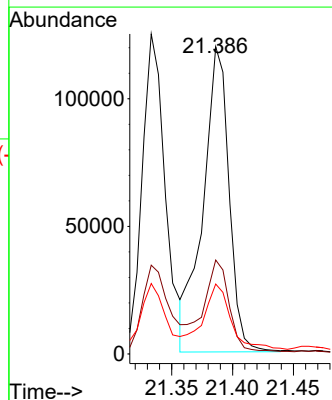
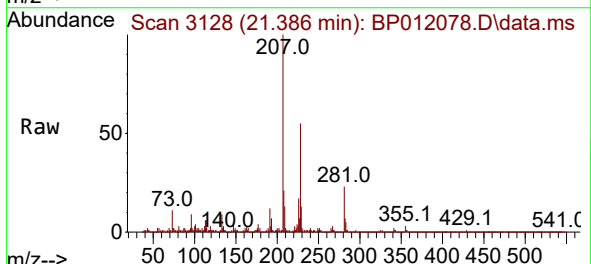
Instrument :
BNA_P
ClientSampleId :
C0BJ7

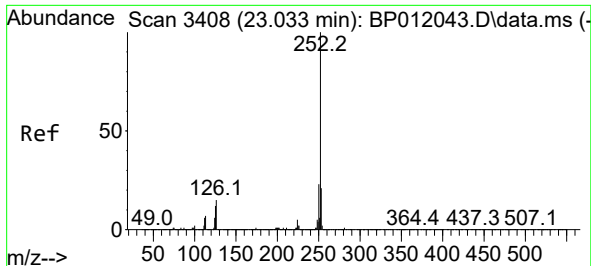
Tgt Ion:228 Resp: 163048
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 27.7 21.9 32.9



#87
Chrysene
Concen: 2.229 ng/ul
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

Tgt Ion:228 Resp: 178532
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 22.8 15.5 23.3

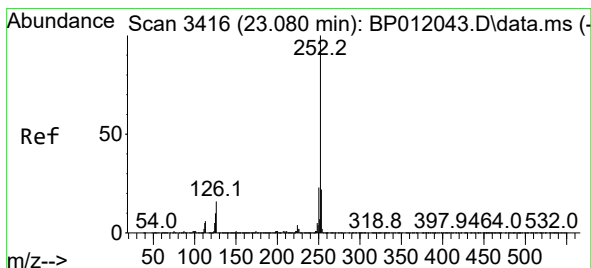
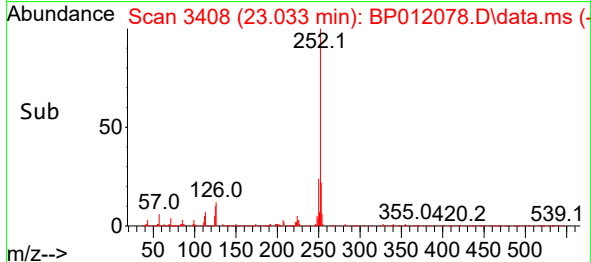
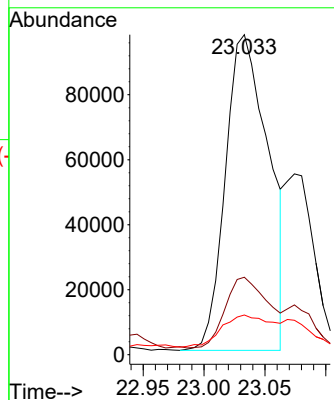
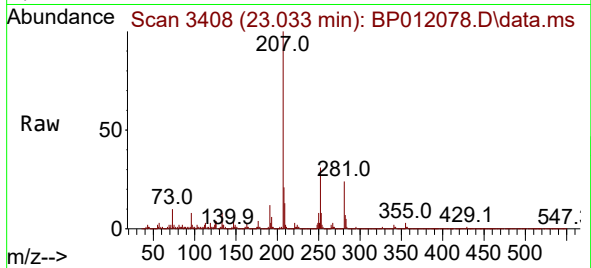




#90
Benzo(b)fluoranthene
Concen: 2.520 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

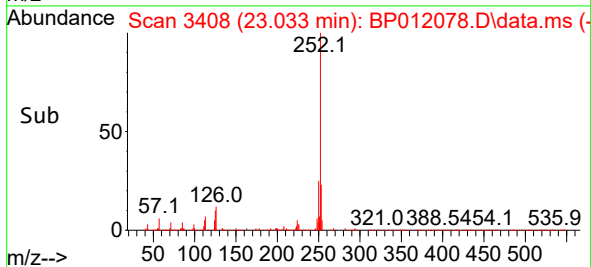
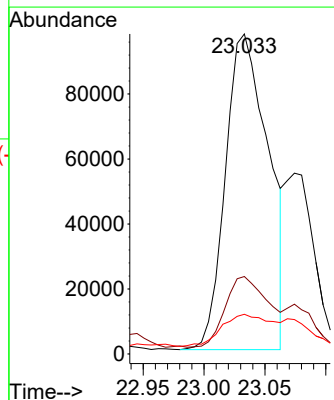
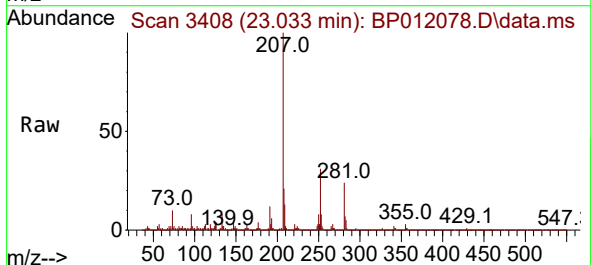
Instrument :
BNA_P
ClientSampleId :
C0BJ7

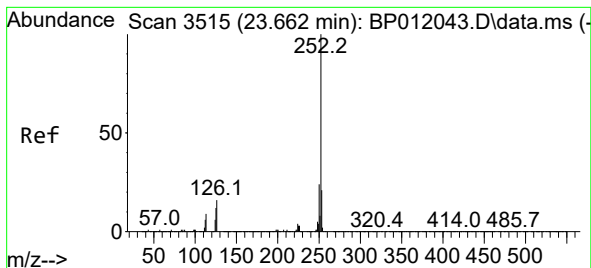
Tgt Ion:252 Resp: 238901
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 12.4 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 2.562 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. -0.041 min
Lab File: BP012078.D
Acq: 12 Oct 2022 13:25

Tgt Ion:252 Resp: 238901
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 12.4 8.2 12.2#





#93

Benzo(a)pyrene

Concen: 1.838 ng/ul

RT: 23.662 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP012078.D

Acq: 12 Oct 2022 13:25

Instrument :

BNA_P

ClientSampleId :

C0BJ7

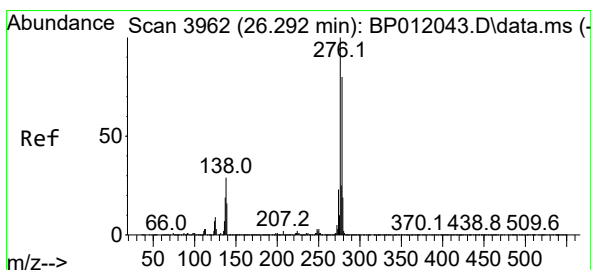
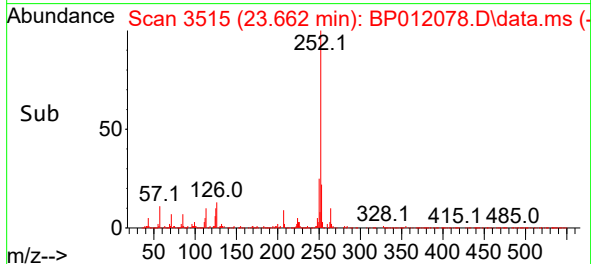
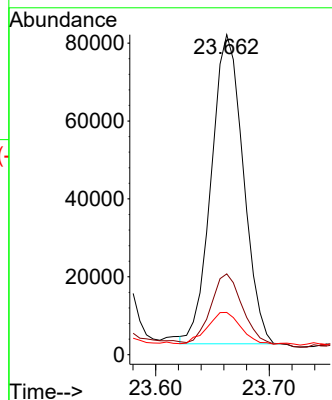
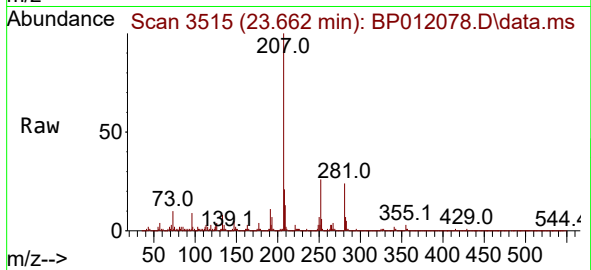
Tgt Ion:252 Resp: 155427

Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

125 13.2 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.150 ng/ul

RT: 26.286 min Scan# 3961

Delta R.T. 0.006 min

Lab File: BP012078.D

Acq: 12 Oct 2022 13:25

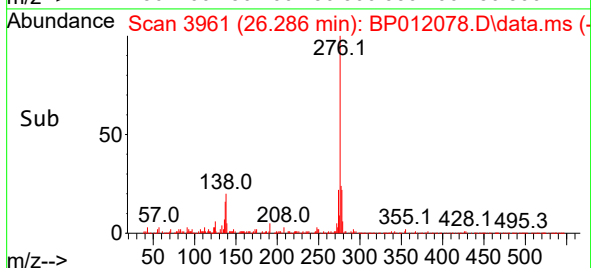
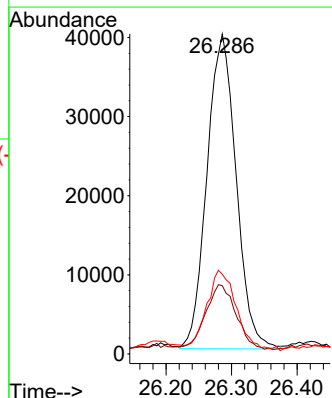
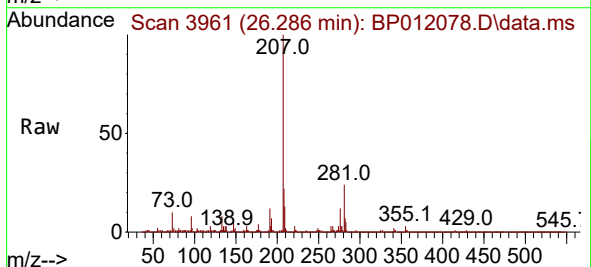
Tgt Ion:276 Resp: 122932

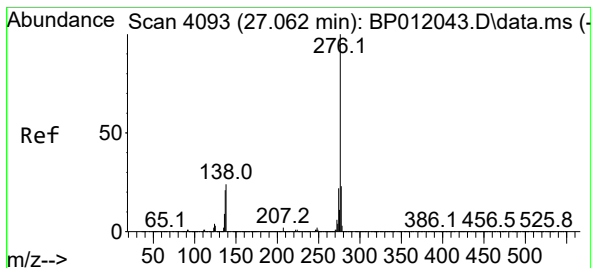
Ion Ratio Lower Upper

276 100

138 21.4 19.1 28.7

277 24.9 19.9 29.9





#96

Benzo(g,h,i)perylene

Concen: 1.091 ng/ul

RT: 27.062 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BP012078.D

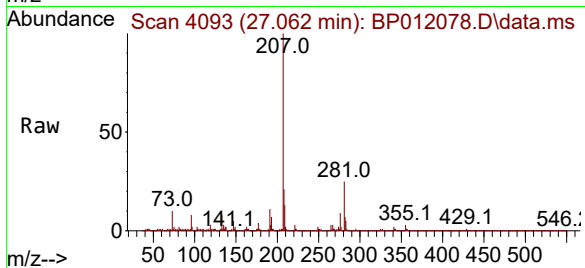
Acq: 12 Oct 2022 13:25

Instrument :

BNA_P

ClientSampleId :

C0BJ7



Tgt Ion:276 Resp: 105170

Ion Ratio Lower Upper

276 100

138 21.1 16.5 24.7

277 26.3 19.0 28.4

