

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018680.D
 Acq On : 07 Dec 2023 19:09
 Operator : MA/JU
 Sample : 05459-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA4

Quant Time: Dec 07 21:40:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

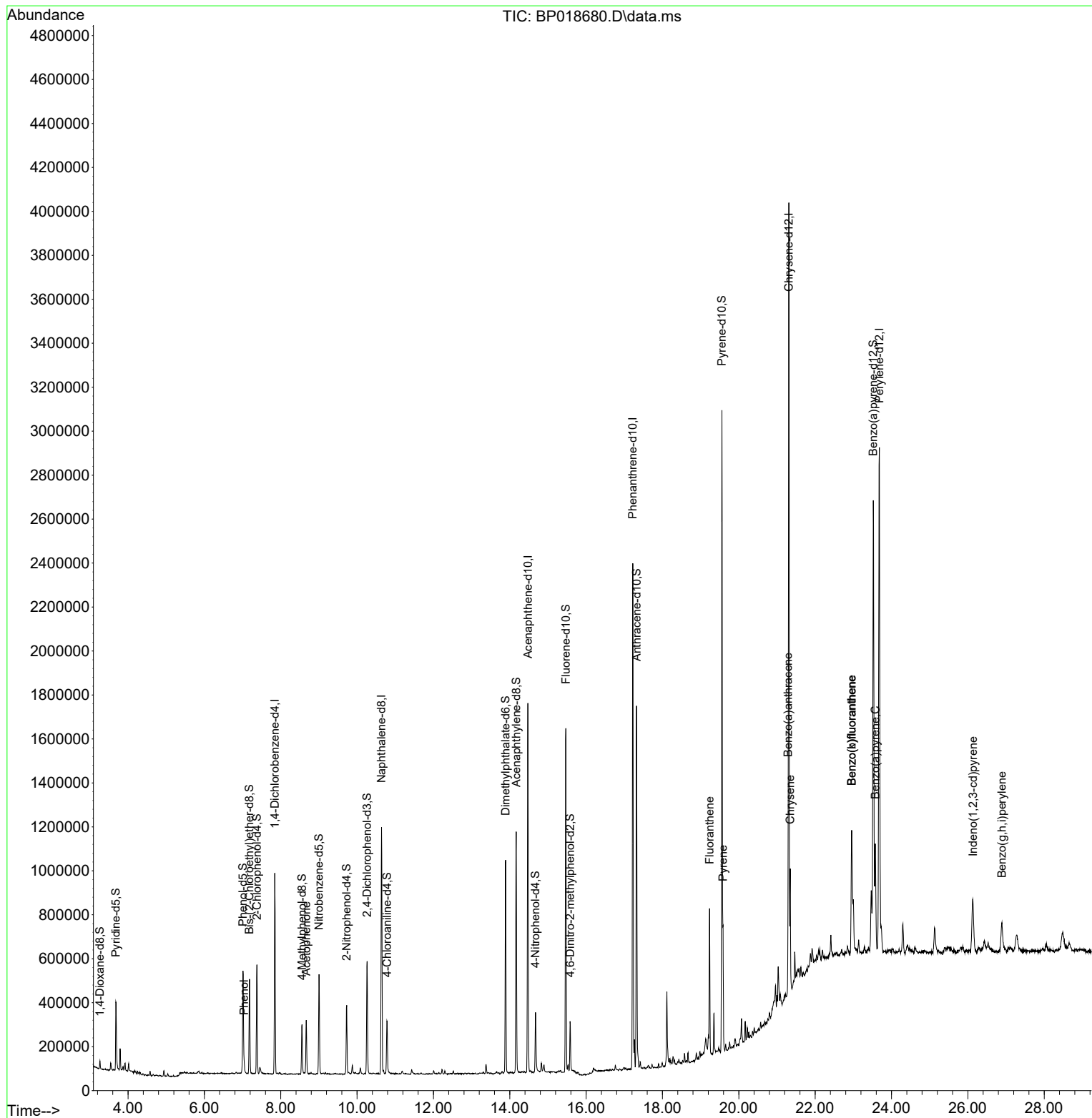
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	250202	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	930914	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	569449	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1354789	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1553745	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1803928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17595	2.396	ng/uL	0.00
4) Pyridine-d5	3.681	84	173210	8.807	ng/ul	0.00
7) Phenol-d5	7.010	99	274855	10.947	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	181017	12.164	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	225315	11.500	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	87095	4.286	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	102585	12.381	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	102136	11.890	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	196523	11.188	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.787	131	144364	6.289	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	666470	13.113	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	724255	12.941	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	72891	8.737	ng/ul	-0.01
60) Fluorene-d10	15.469	176	615637	14.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	51796	6.376	ng/ul	-0.01
73) Anthracene-d10	17.322	188	935442	13.134	ng/ul	0.00
81) Pyrene-d10	19.557	212	1452715	12.011	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1526622	14.514	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.040	94	28117	1.142	ng/ul	96
16) Acetophenone	8.669	105	131644	4.347	ng/ul	99
80) Fluoranthene	19.233	202	366269	2.562	ng/ul	99
82) Pyrene	19.586	202	330467	2.291	ng/ul	98
85) Benzo(a)anthracene	21.292	228	298267	2.365	ng/ul	98
87) Chrysene	21.345	228	306542	2.639	ng/ul	98
90) Benzo(b)fluoranthene	22.957	252	414885	3.119	ng/ul	99
91) Benzo(k)fluoranthene	22.957	252	414885	3.224	ng/ul	99
93) Benzo(a)pyrene	23.574	252	275422	2.266	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	192888	1.328	ng/ul#	94
96) Benzo(g,h,i)perylene	26.892	276	165988	1.420	ng/ul	97

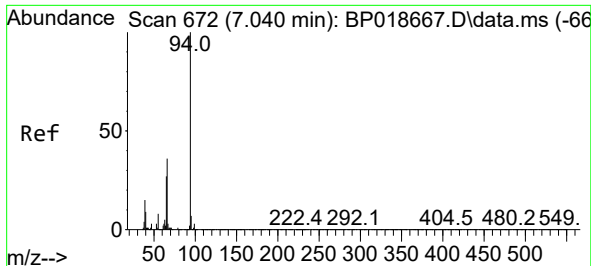
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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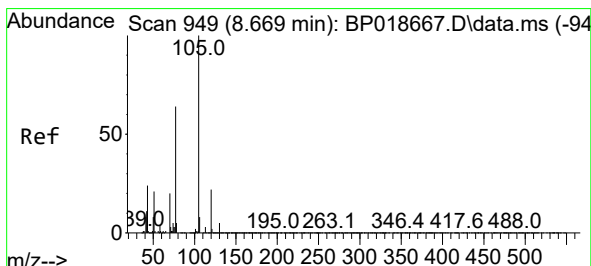
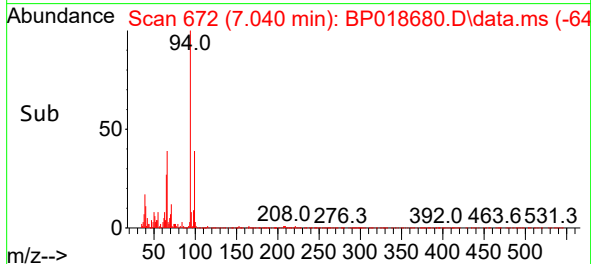
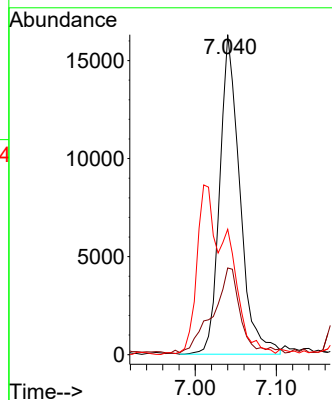
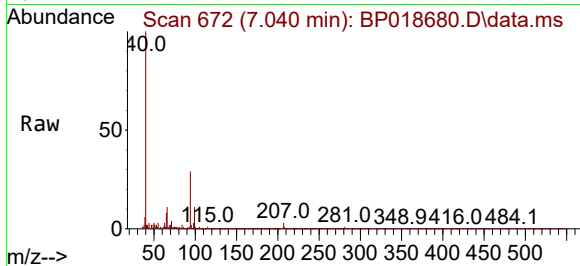




#8
Phenol
Concen: 1.142 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

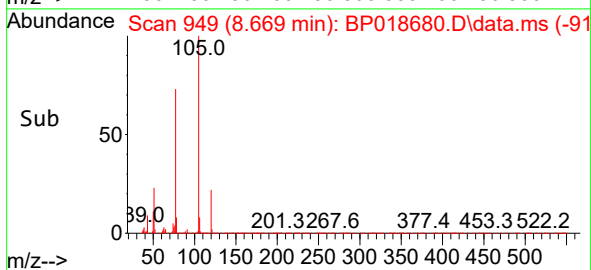
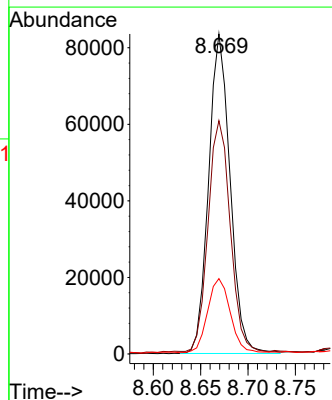
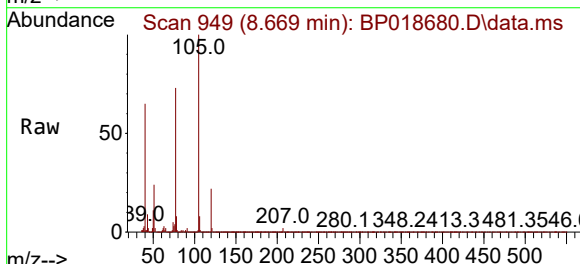
Instrument :
BNA_P
ClientSampleId :
C0AA4

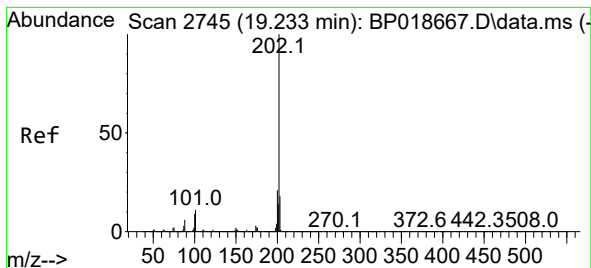
Tgt Ion: 94 Resp: 28117
Ion Ratio Lower Upper
94 100
65 27.1 21.0 31.6
66 39.2 28.6 43.0



#16
Acetophenone
Concen: 4.347 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018680.D
Acq: 07 Dec 2023 19:09

Tgt Ion: 105 Resp: 131644
Ion Ratio Lower Upper
105 100
77 72.9 59.4 89.0
51 23.6 19.4 29.0





#80

Fluoranthene

Concen: 2.562 ng/ul

RT: 19.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

Instrument :

BNA_P

ClientSampleId :

C0AA4

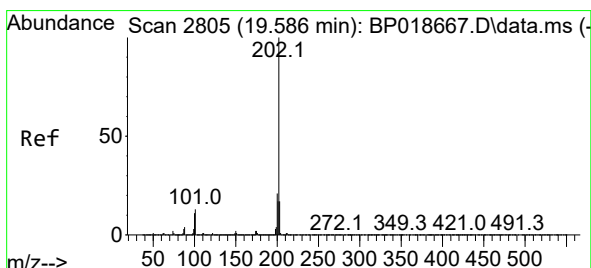
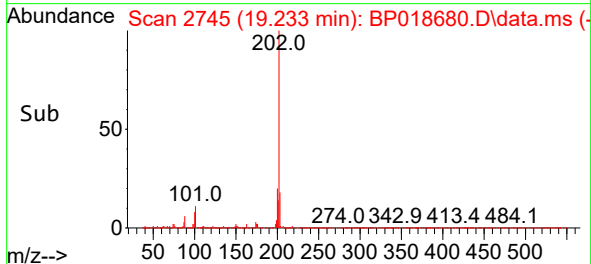
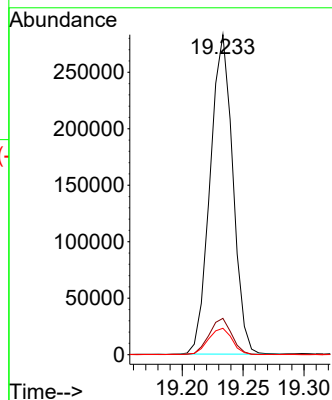
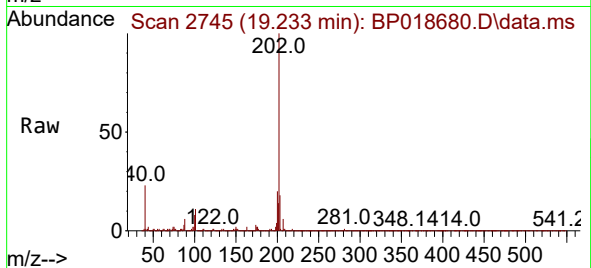
Tgt Ion:202 Resp: 366269

Ion Ratio Lower Upper

202 100

101 11.4 9.1 13.7

100 8.2 7.1 10.7



#82

Pyrene

Concen: 2.291 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

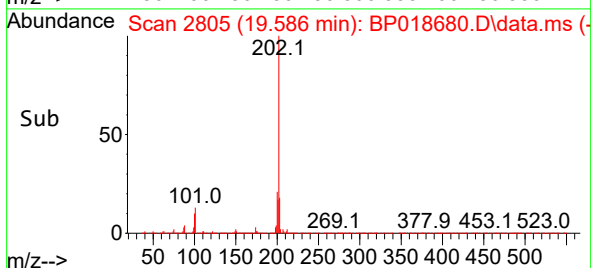
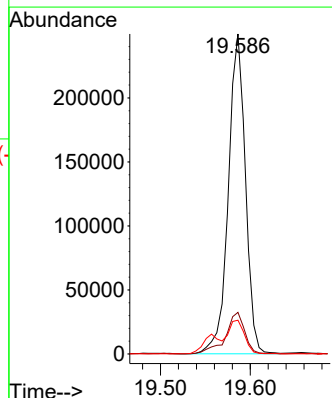
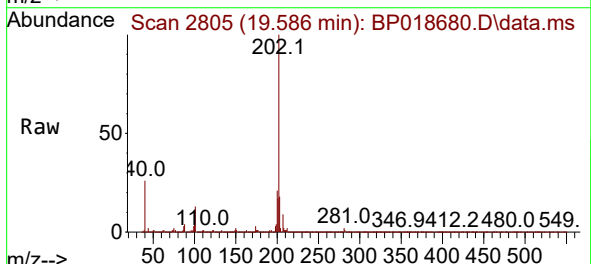
Tgt Ion:202 Resp: 330467

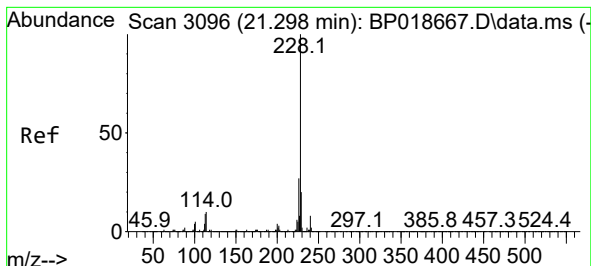
Ion Ratio Lower Upper

202 100

101 13.0 11.0 16.4

100 10.5 9.1 13.7





#85

Benzo(a)anthracene

Concen: 2.365 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

Instrument :

BNA_P

ClientSampleId :

C0AA4

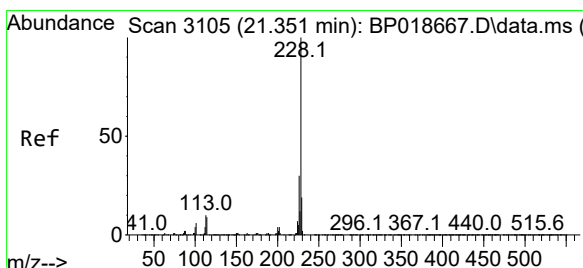
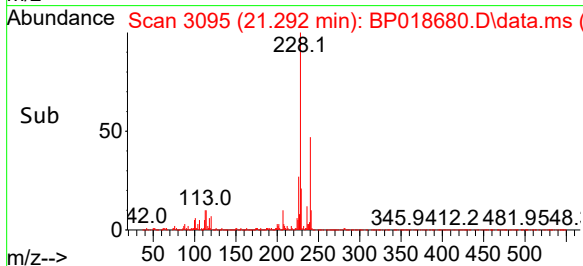
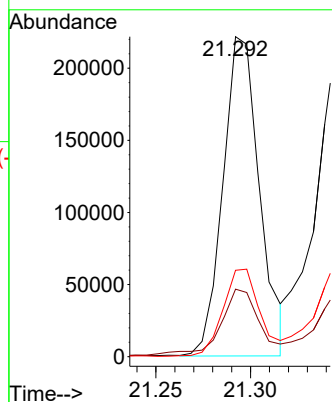
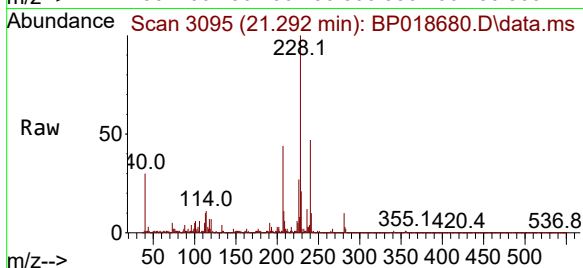
Tgt Ion:228 Resp: 298267

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

226 27.0 21.9 32.9



#87

Chrysene

Concen: 2.639 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

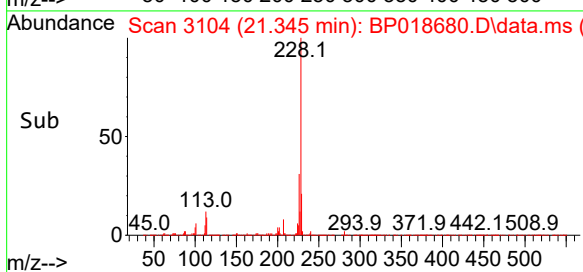
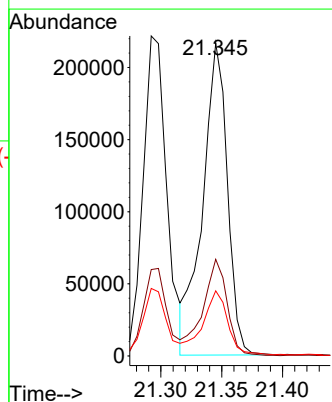
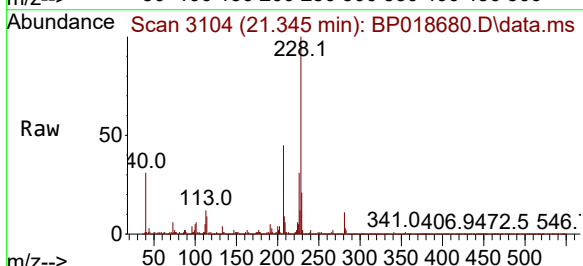
Tgt Ion:228 Resp: 306542

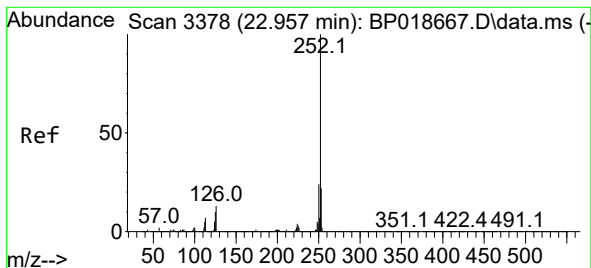
Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

229 20.8 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 3.119 ng/ul

RT: 22.957 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

Instrument :

BNA_P

ClientSampleId :

C0AA4

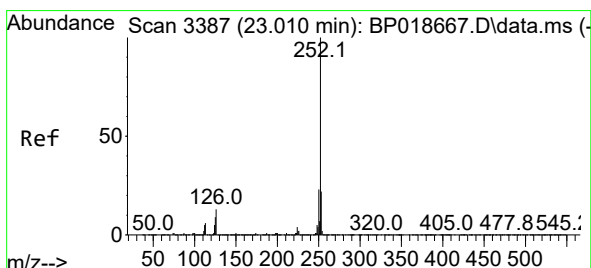
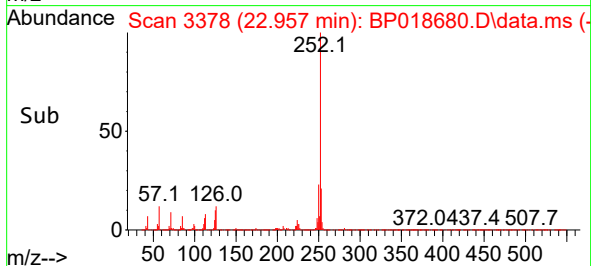
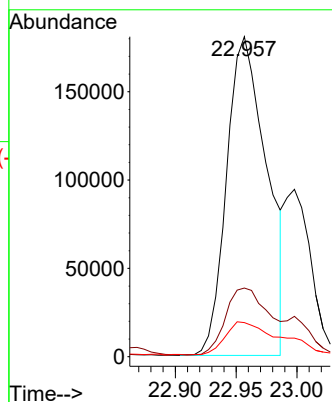
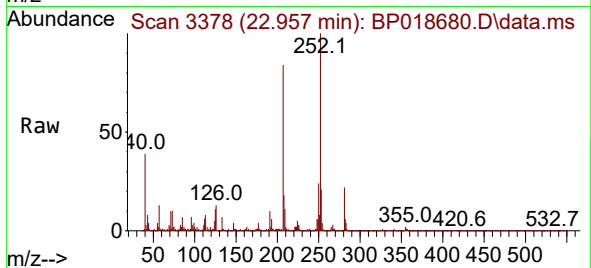
Tgt Ion:252 Resp: 414885

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.7 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 3.224 ng/ul

RT: 22.957 min Scan# 3378

Delta R.T. -0.059 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

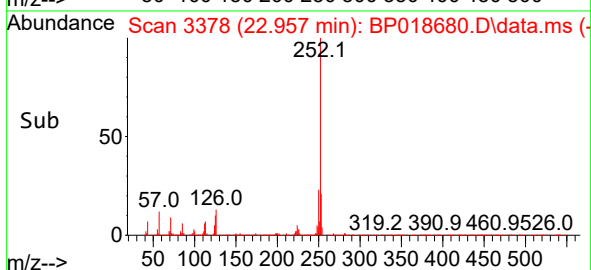
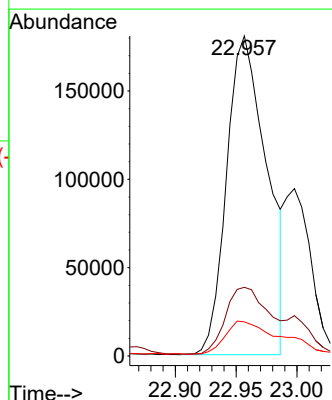
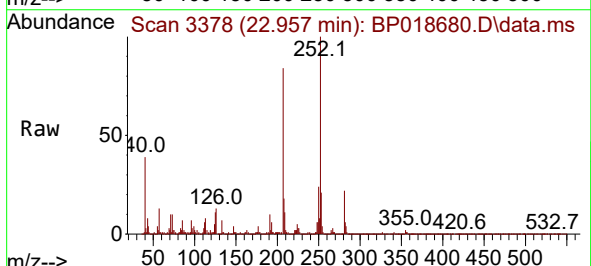
Tgt Ion:252 Resp: 414885

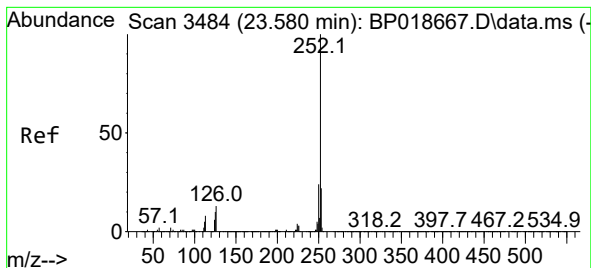
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 10.7 8.0 12.0





#93

Benzo(a)pyrene

Concen: 2.266 ng/ul

RT: 23.574 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

Instrument :

BNA_P

ClientSampleId :

C0AA4

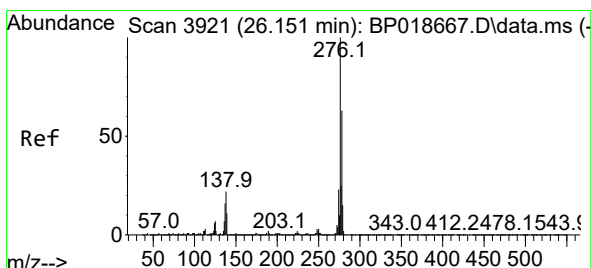
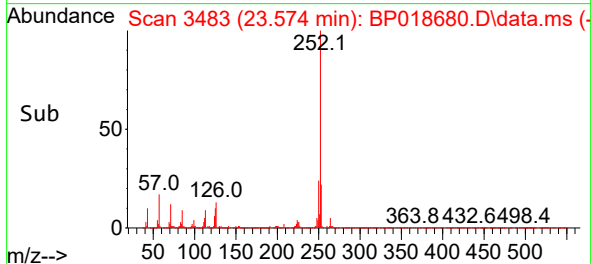
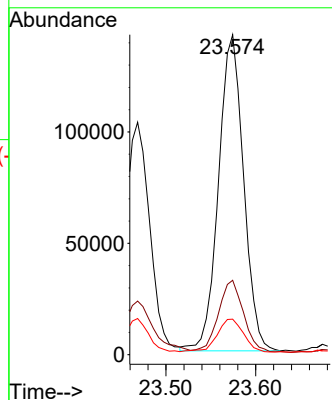
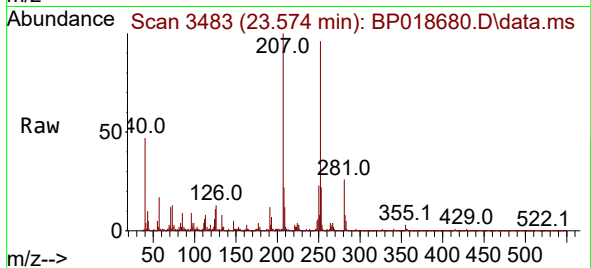
Tgt Ion:252 Resp: 275422

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 11.1 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.328 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.024 min

Lab File: BP018680.D

Acq: 07 Dec 2023 19:09

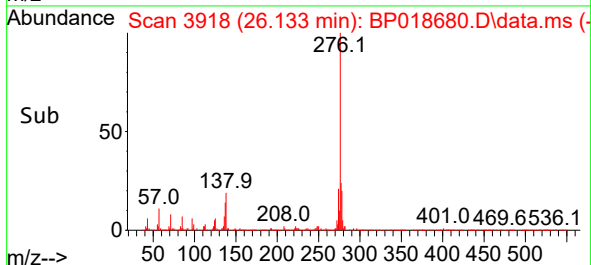
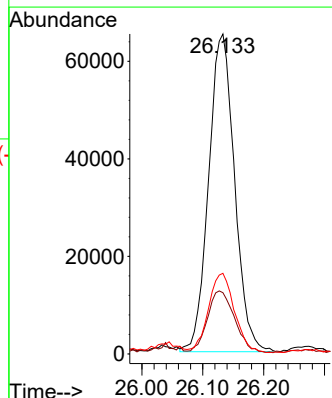
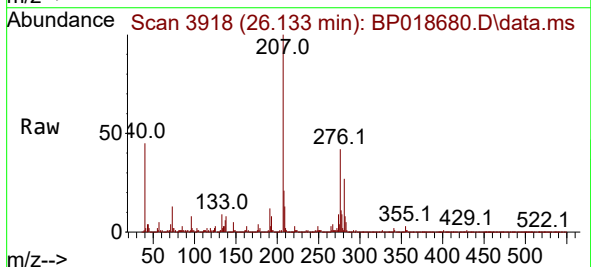
Tgt Ion:276 Resp: 192888

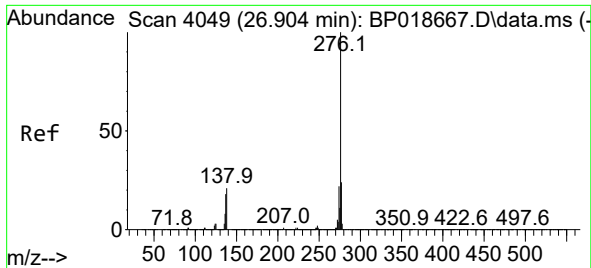
Ion Ratio Lower Upper

276 100

138 19.1 19.4 29.2#

277 25.2 19.8 29.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.420 ng/ul
 RT: 26.892 min Scan# 4047
 Delta R.T. -0.024 min
 Lab File: BP018680.D
 Acq: 07 Dec 2023 19:09

Instrument :
 BNA_P
 ClientSampleId :
 C0AA4

Tgt Ion:276 Resp: 165988
 Ion Ratio Lower Upper
 276 100
 138 20.3 18.1 27.1
 277 23.8 19.4 29.0

