

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017433.D
 Acq On : 29 Sep 2023 02:33
 Operator : MA/JU
 Sample : 04417-29
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYF5

Quant Time: Sep 29 03:07:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 23:22:11 2023
 Response via : Initial Calibration

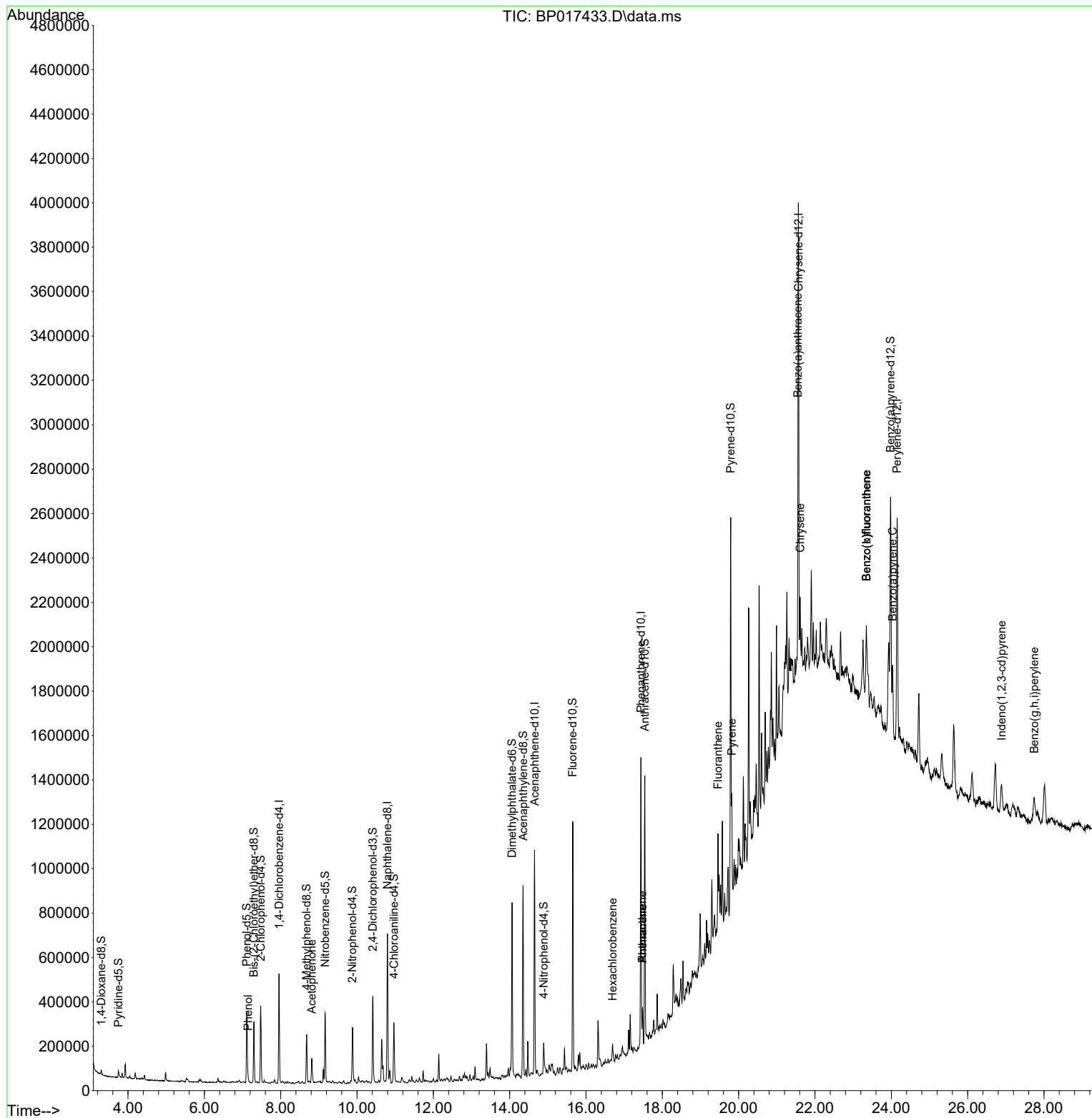
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	127661	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	525090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	328063	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.439	188	742457	20.000	ng/ul	-0.01
79) Chrysene-d12	21.569	240	665472	20.000	ng/ul	-0.01
88) Perylene-d12	24.151	264	788905	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	10782	3.469	ng/uL	0.00
4) Pyridine-d5	3.752	84	17842	2.053	ng/ul	0.01
7) Phenol-d5	7.110	99	188300	17.959	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.299	67	116404	18.397	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	158104	19.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	84479	10.364	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	78397	20.652	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.881	143	80683	19.574	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	146050	18.755	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	145909	12.934	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	478348	20.354	ng/ul	-0.01
49) Acenaphthylene-d8	14.351	160	540925	20.012	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.892	143	42279	10.326	ng/ul	0.00
60) Fluorene-d10	15.651	176	431631	21.333	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.739	200	126	0.030	ng/ul	-0.08
73) Anthracene-d10	17.539	188	666920	20.254	ng/ul	-0.01
81) Pyrene-d10	19.792	212	825702	22.944	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.980	264	777156	20.460	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.146	94	13162	1.248	ng/ul	94
16) Acetophenone	8.816	105	58799	4.668	ng/ul	96
69) Hexachlorobenzene	16.692	284	11017	1.273	ng/ul	95
72) Phenanthrene	17.480	178	100880	2.594	ng/ul	98
74) Anthracene	17.480	178	100880	2.560	ng/ul	99
80) Fluoranthene	19.457	202	256320	6.107	ng/ul	98
82) Pyrene	19.822	202	249317	5.588	ng/ul	99
85) Benzo(a)anthracene	21.551	228	202588	4.511	ng/ul#	94
87) Chrysene	21.610	228	196883	4.658	ng/ul#	92
90) Benzo(b)fluoranthene	23.345	252	298820	6.425	ng/ul#	88
91) Benzo(k)fluoranthene	23.345	252	298820	6.368	ng/ul#	89
93) Benzo(a)pyrene	24.033	252	218378	4.907	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.892	276	148856	2.669	ng/ul	97
96) Benzo(g,h,i)perylene	27.745	276	136664	3.038	ng/ul	96

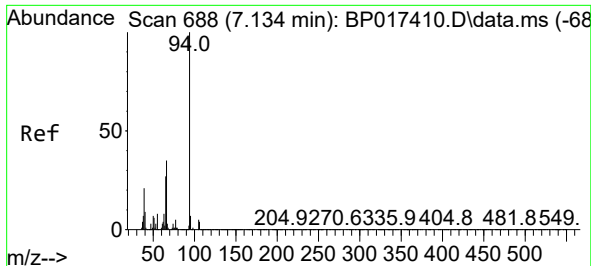
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017433.D
Acq On : 29 Sep 2023 02:33
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYF5

Quant Time: Sep 29 03:07:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

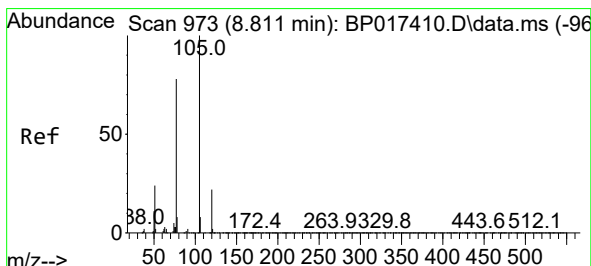
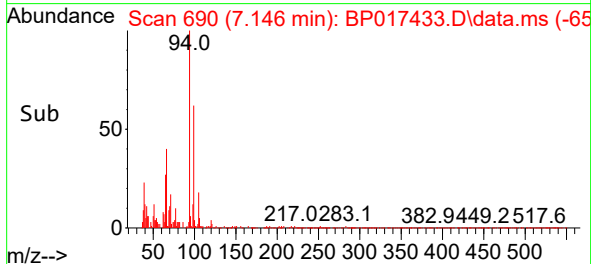
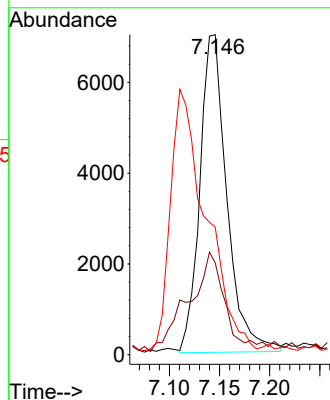
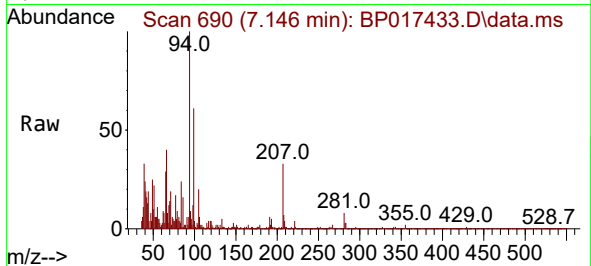




#8
Phenol
Concen: 1.248 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017433.D
Acq: 29 Sep 2023 02:33

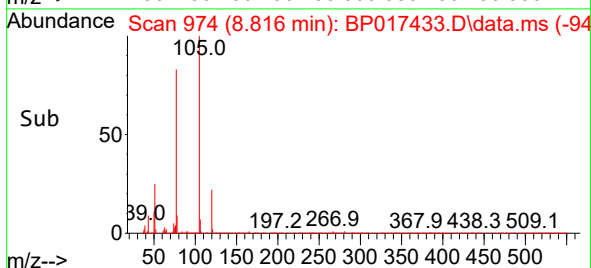
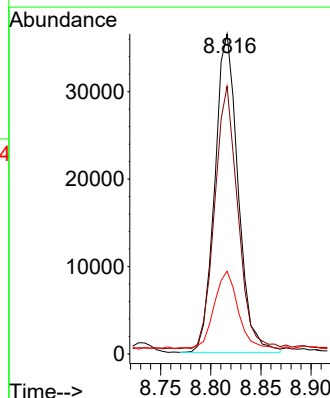
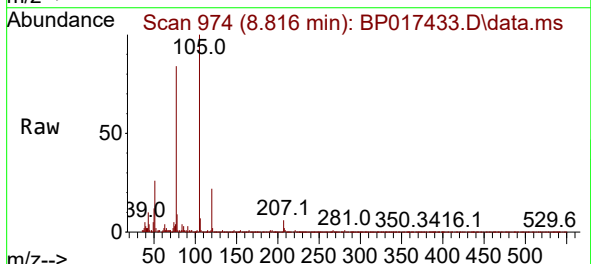
Instrument :
BNA_P
ClientSampleId :
EZYF5

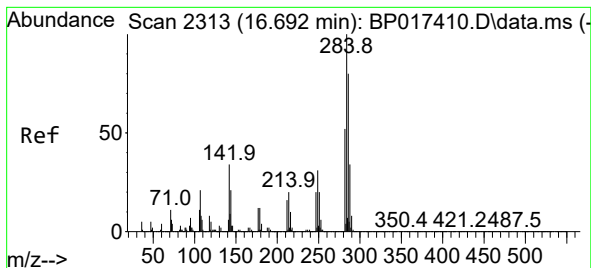
Tgt Ion: 94 Resp: 13162
Ion Ratio Lower Upper
94 100
65 28.7 21.4 32.2
66 39.9 28.2 42.2



#16
Acetophenone
Concen: 4.668 ng/ul
RT: 8.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP017433.D
Acq: 29 Sep 2023 02:33

Tgt Ion: 105 Resp: 58799
Ion Ratio Lower Upper
105 100
77 83.6 63.6 95.4
51 25.9 19.2 28.8





#69

Hexachlorobenzene

Concen: 1.273 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. -0.018 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

Instrument :

BNA_P

ClientSampleId :

EZYF5

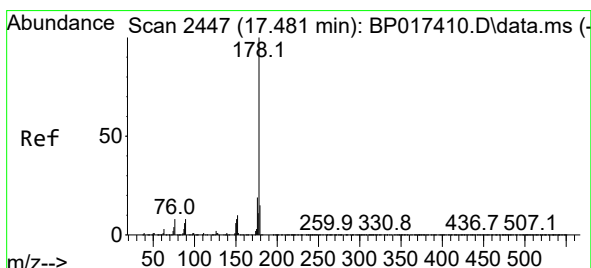
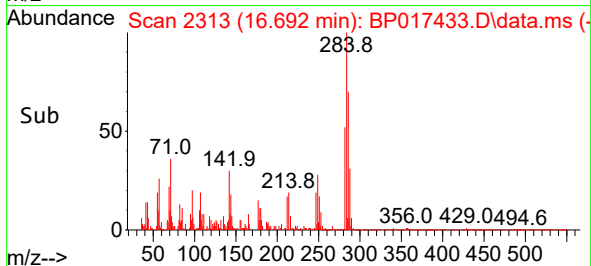
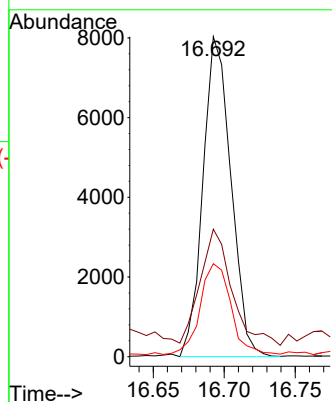
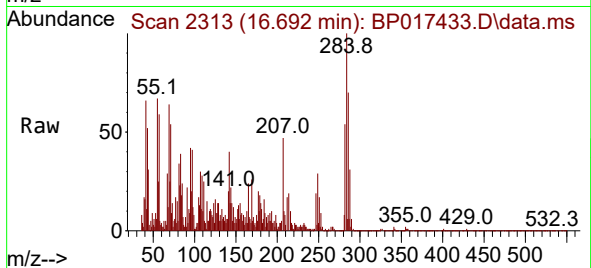
Tgt Ion:284 Resp: 11017

Ion Ratio Lower Upper

284 100

142 37.8 29.5 44.3

249 27.5 25.7 38.5



#72

Phenanthrene

Concen: 2.594 ng/ul

RT: 17.480 min Scan# 2447

Delta R.T. -0.012 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

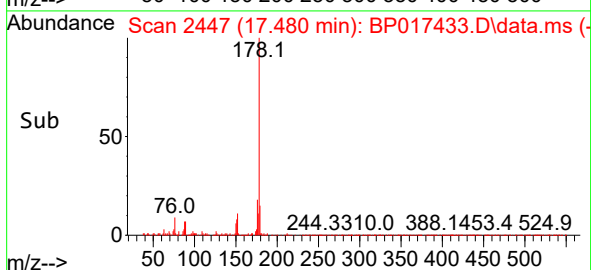
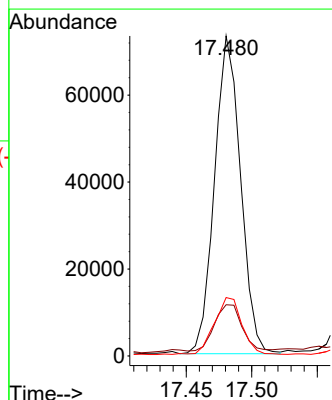
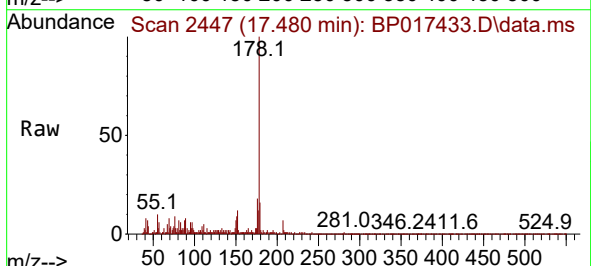
Tgt Ion:178 Resp: 100880

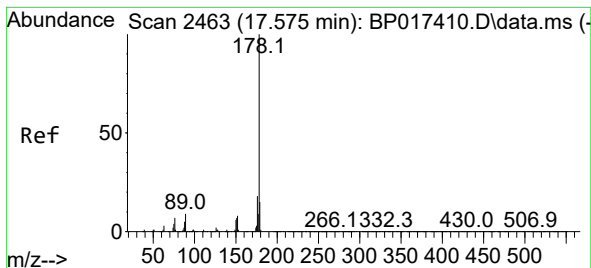
Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 18.3 15.8 23.6





#74

Anthracene

Concen: 2.560 ng/ul

RT: 17.480 min Scan# 2463

Delta R.T. -0.106 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

Instrument :

BNA_P

ClientSampleId :

EZYF5

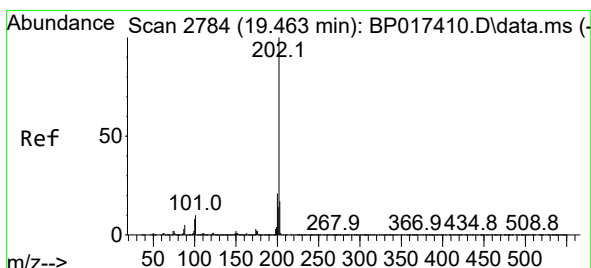
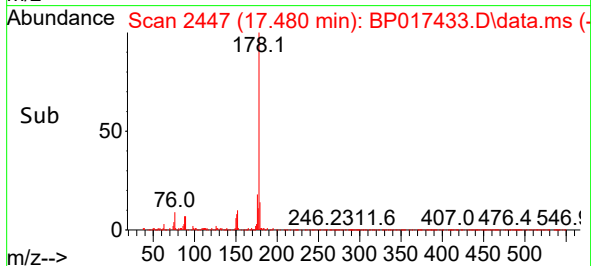
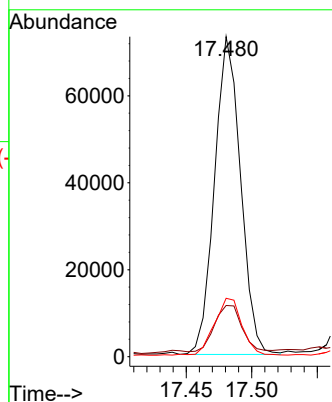
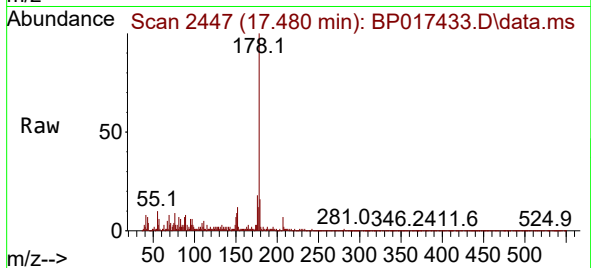
Tgt Ion:178 Resp: 100880

Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 18.3 15.1 22.7



#80

Fluoranthene

Concen: 6.107 ng/ul

RT: 19.457 min Scan# 2783

Delta R.T. -0.018 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

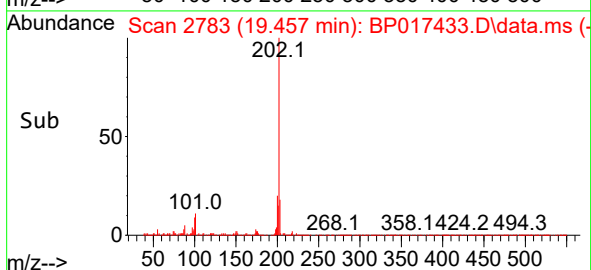
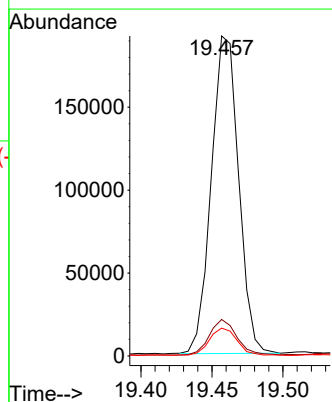
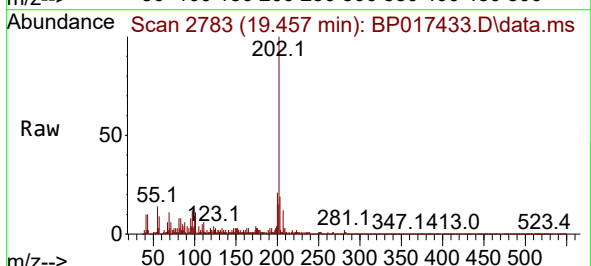
Tgt Ion:202 Resp: 256320

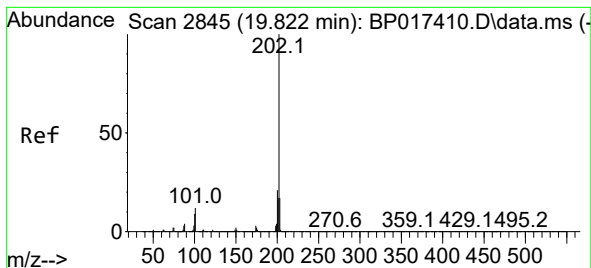
Ion Ratio Lower Upper

202 100

101 11.4 8.4 12.6

100 8.7 6.6 10.0





#82

Pyrene

Concen: 5.588 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

Instrument :

BNA_P

ClientSampleId :

EZYF5

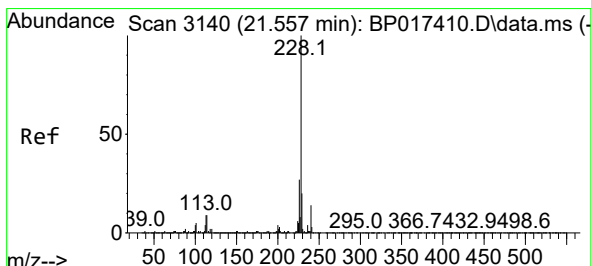
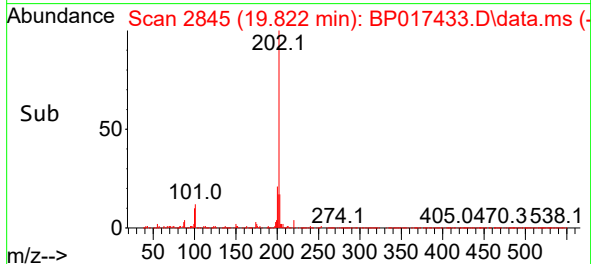
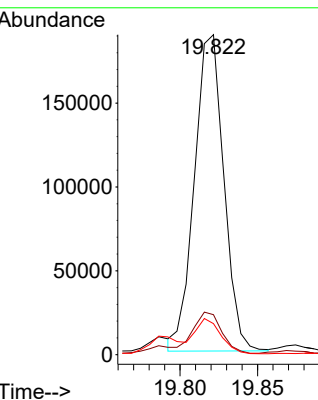
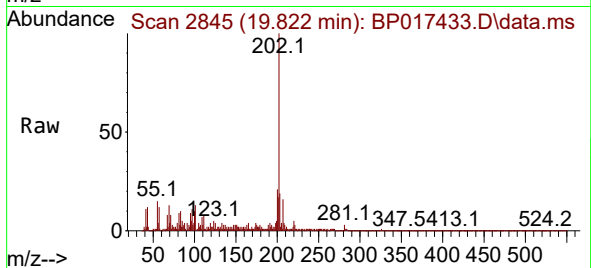
Tgt Ion:202 Resp: 249317

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

100 9.7 8.1 12.1



#85

Benzo(a)anthracene

Concen: 4.511 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.018 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

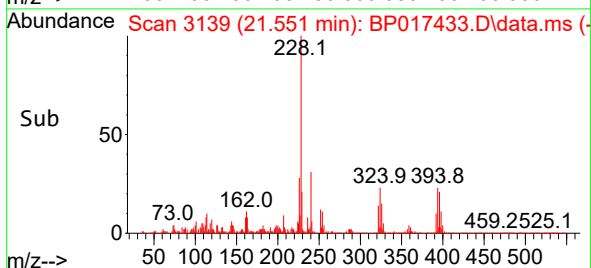
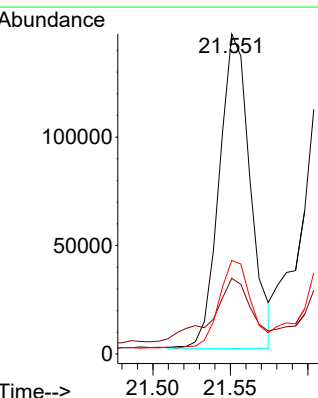
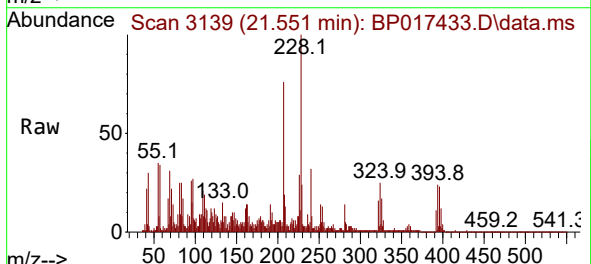
Tgt Ion:228 Resp: 202588

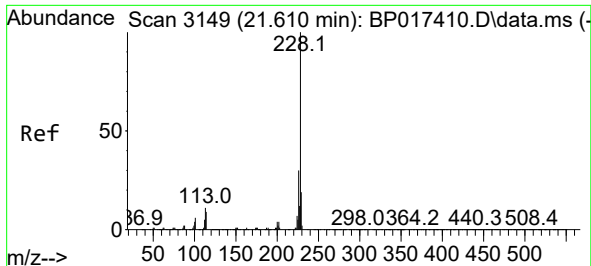
Ion Ratio Lower Upper

228 100

229 23.7 15.8 23.6#

226 29.2 21.8 32.8

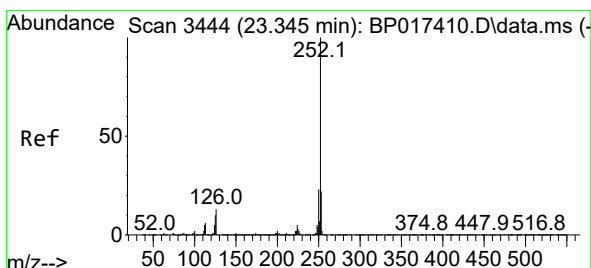
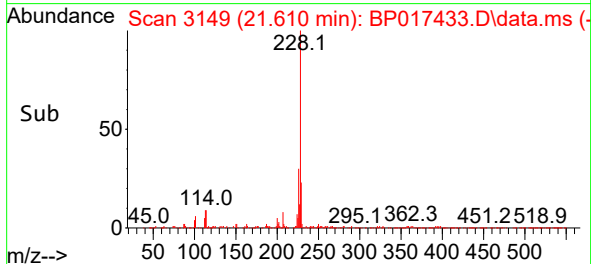
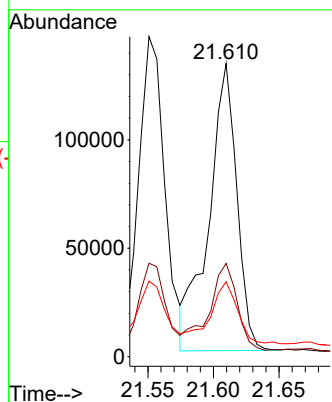
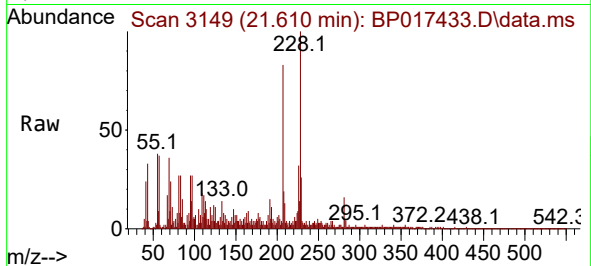




#87
Chrysene
Concen: 4.658 ng/ul
RT: 21.610 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BP017433.D
Acq: 29 Sep 2023 02:33

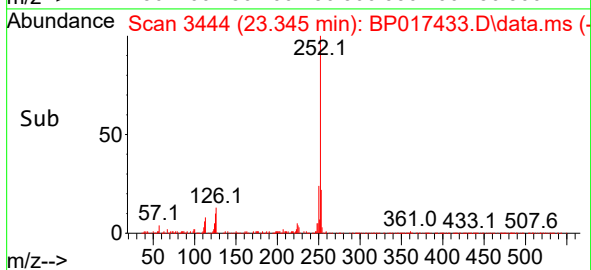
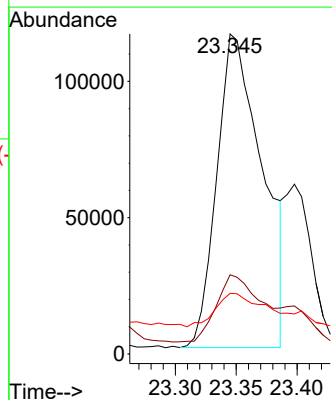
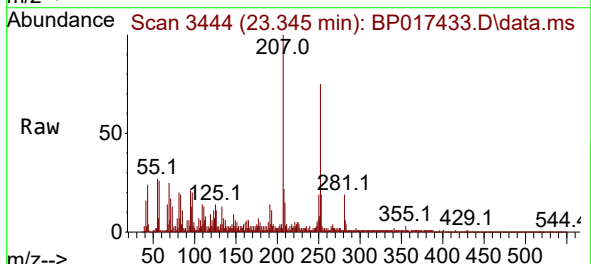
Instrument :
BNA_P
ClientSampleId :
EZYF5

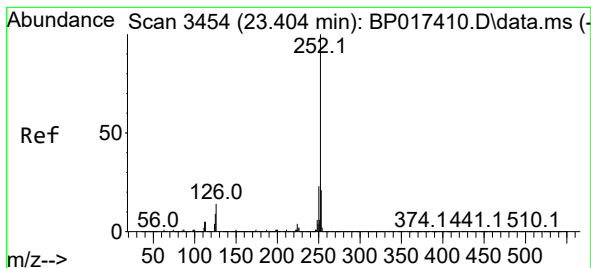
Tgt Ion:228 Resp: 196883
Ion Ratio Lower Upper
228 100
226 31.8 24.1 36.1
229 25.6 15.0 22.6#



#90
Benzo(b)fluoranthene
Concen: 6.425 ng/ul
RT: 23.345 min Scan# 3444
Delta R.T. -0.018 min
Lab File: BP017433.D
Acq: 29 Sep 2023 02:33

Tgt Ion:252 Resp: 298820
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 19.0 7.8 11.8#





#91

Benzo(k)fluoranthene

Concen: 6.368 ng/ul

RT: 23.345 min Scan# 3454

Delta R.T. -0.077 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

Instrument :

BNA_P

ClientSampleId :

EZYF5

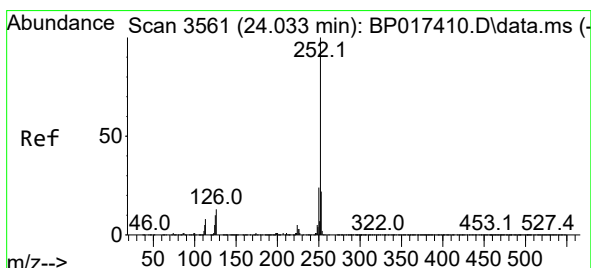
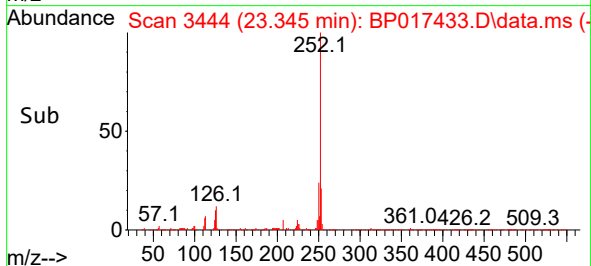
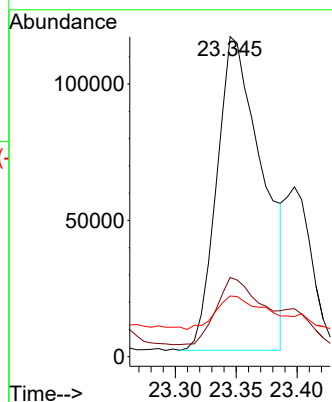
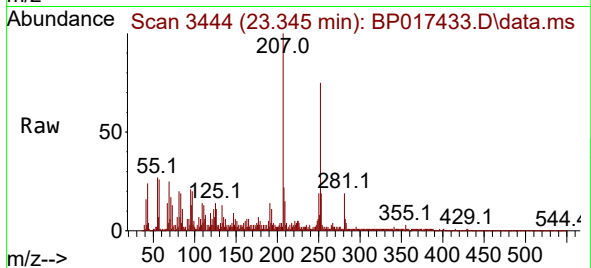
Tgt Ion:252 Resp: 298820

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

125 19.0 7.8 11.6#



#93

Benzo(a)pyrene

Concen: 4.907 ng/ul

RT: 24.033 min Scan# 3561

Delta R.T. -0.024 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

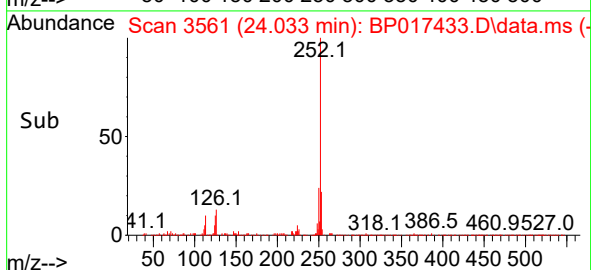
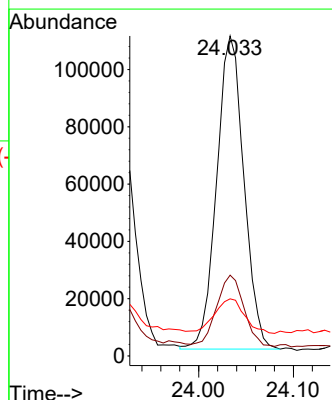
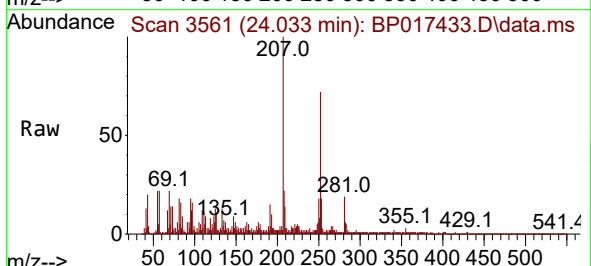
Tgt Ion:252 Resp: 218378

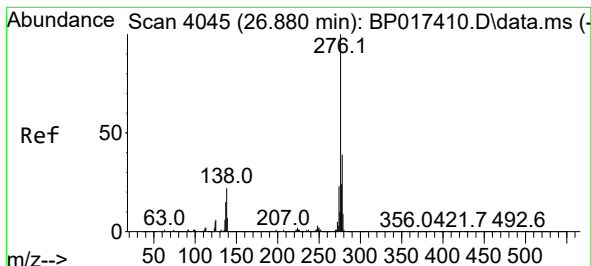
Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

125 17.8 8.9 13.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.669 ng/ul

RT: 26.892 min Scan# 4045

Delta R.T. -0.036 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

Instrument :

BNA_P

ClientSampleId :

EZYF5

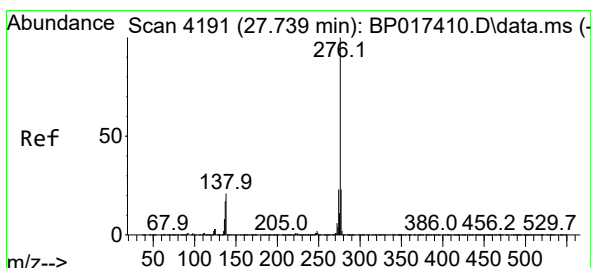
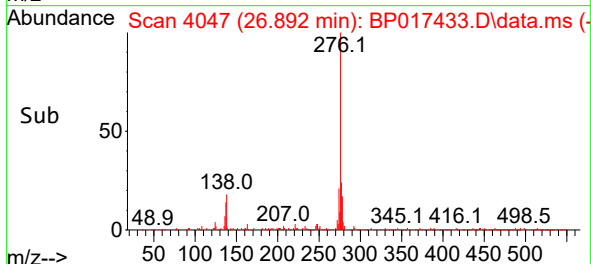
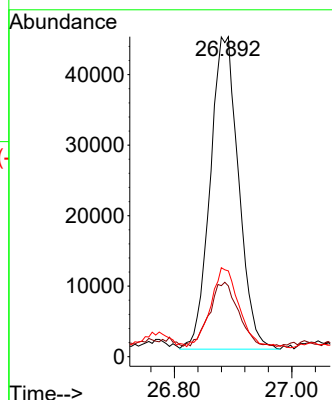
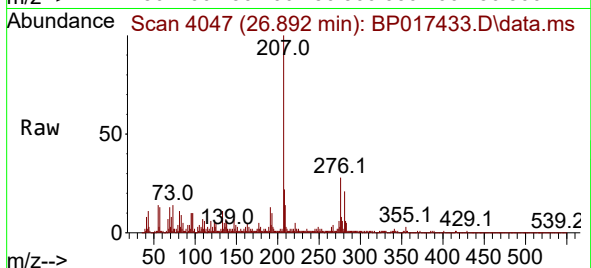
Tgt Ion:276 Resp: 148856

Ion Ratio Lower Upper

276 100

138 22.1 17.9 26.9

277 26.8 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 3.038 ng/ul

RT: 27.745 min Scan# 4192

Delta R.T. -0.041 min

Lab File: BP017433.D

Acq: 29 Sep 2023 02:33

Tgt Ion:276 Resp: 136664

Ion Ratio Lower Upper

276 100

138 22.4 17.3 25.9

277 26.4 18.8 28.2

