

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017413.D
 Acq On : 28 Sep 2023 14:41
 Operator : MA/JU
 Sample : 04417-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYF3

Quant Time: Sep 28 22:30:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 15:31:53 2023
 Response via : Initial Calibration

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

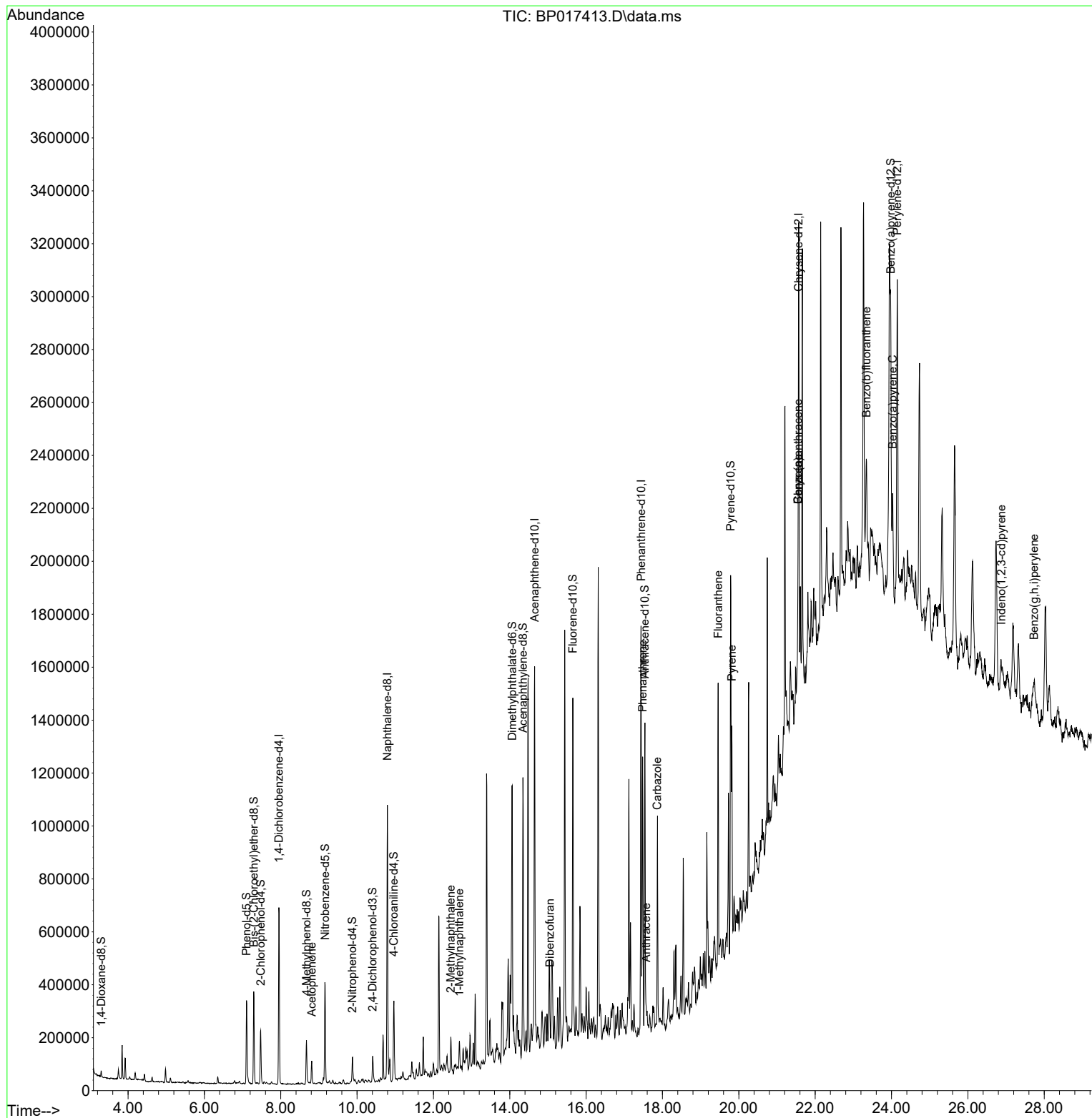
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	178199	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	811594	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	473467	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	870436	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	724041	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	858120	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	11272	2.598	ng/uL	0.00
4) Pyridine-d5	3.728	84	458	0.038	ng/ul	0.00
7) Phenol-d5	7.105	99	178680	12.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	147236	16.670	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	93517	8.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	66301	5.827	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	91344	15.568	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	31711	4.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	37607	3.124	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	162325	9.310	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	568940	16.774	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	609022	15.612	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	299	0.051	ng/ul	0.02
60) Fluorene-d10	15.651	176	463063	15.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	1692	0.345	ng/ul	0.00
73) Anthracene-d10	17.539	188	623881	16.161	ng/ul	0.00
81) Pyrene-d10	19.786	212	694600	17.740	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	687066	16.630	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.810	105	45590	2.593	ng/ul	97
36) 2-Methylnaphthalene	12.457	142	55961	2.029	ng/ul	98
37) 1-Methylnaphthalene	12.681	142	46357	1.644	ng/ul#	97
56) Dibenzofuran	15.051	168	55095	1.335	ng/ul	97
72) Phenanthrene	17.481	178	602375	13.213	ng/ul	99
74) Anthracene	17.575	178	52195	1.130	ng/ul	95
77) Carbazole	17.863	167	45847	1.116	ng/ul#	90
80) Fluoranthene	19.457	202	575760	12.609	ng/ul	99
82) Pyrene	19.816	202	436336	8.989	ng/ul	99
85) Benzo(a)anthracene	21.551	228	221155	4.526	ng/ul	96
87) Chrysene	21.551	228	221618	4.819	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	274438	5.424	ng/ul#	87
93) Benzo(a)pyrene	24.027	252	147076	3.038	ng/ul#	81
94) Indeno(1,2,3-cd)pyrene	26.880	276	135624	2.235	ng/ul	95
96) Benzo(g,h,i)perylene	27.733	276	115515	2.361	ng/ul#	90

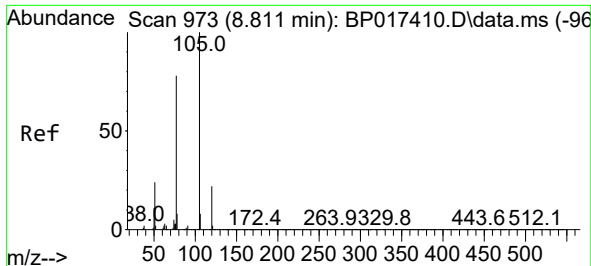
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017413.D
Acq On : 28 Sep 2023 14:41
Operator : MA/JU
Sample : 04417-27
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYF3

Quant Time: Sep 28 22:30:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 15:31:53 2023
Response via : Initial Calibration

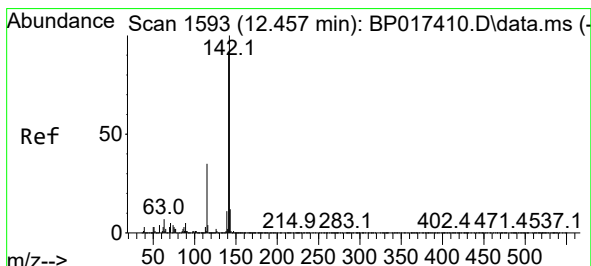
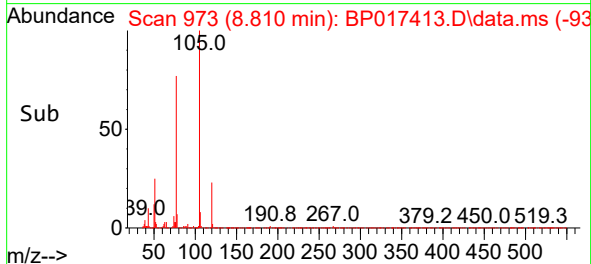
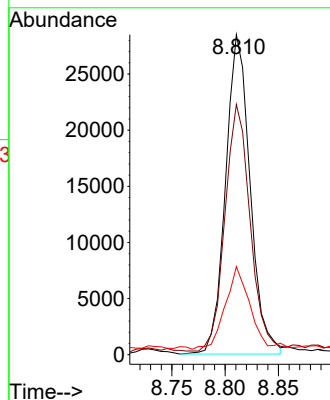
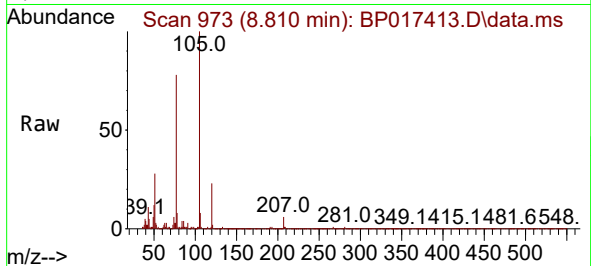




#16
Acetophenone
Concen: 2.593 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

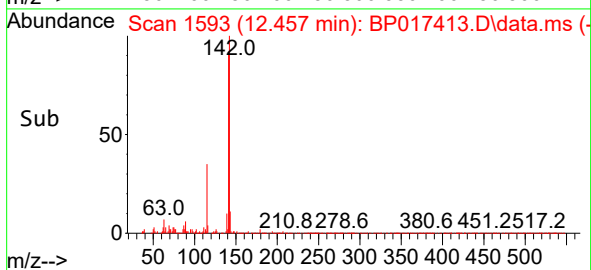
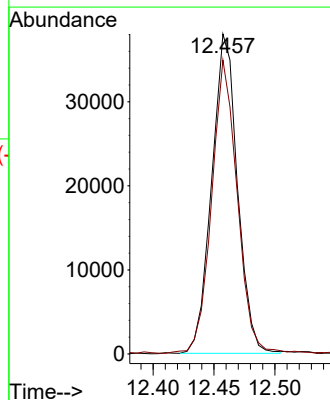
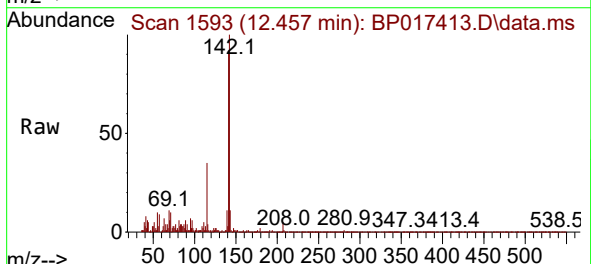
Instrument :
BNA_P
ClientSampleId :
EZYF3

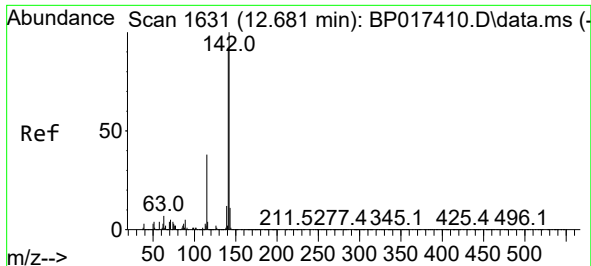
Tgt Ion:105 Resp: 45590
Ion Ratio Lower Upper
105 100
77 78.2 63.6 95.4
51 27.5 19.2 28.8



#36
2-Methylnaphthalene
Concen: 2.029 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

Tgt Ion:142 Resp: 55961
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9

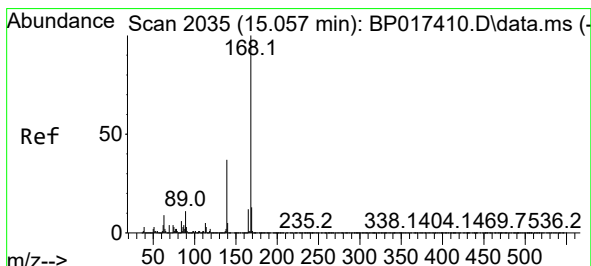
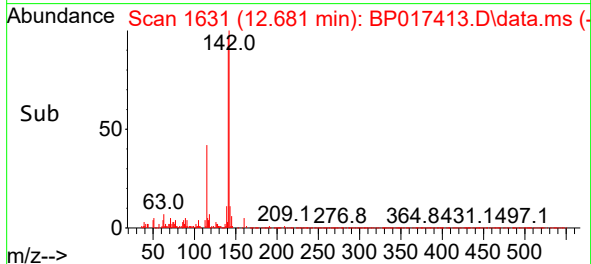
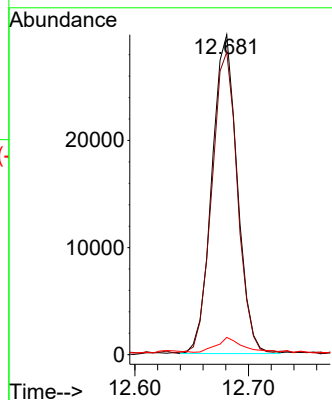
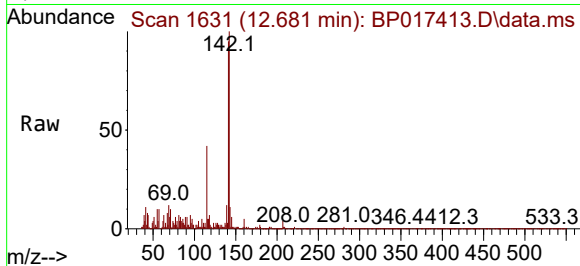




#37
1-Methylnaphthalene
Concen: 1.644 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

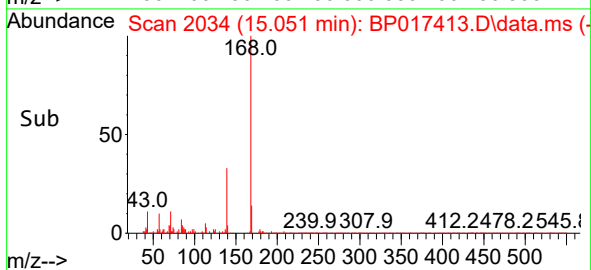
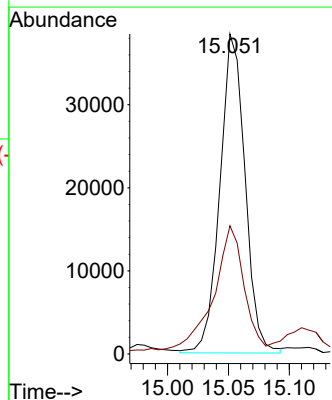
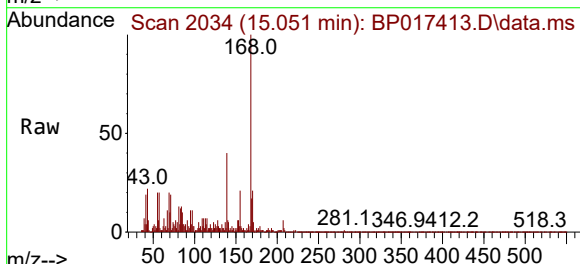
Instrument :
BNA_P
ClientSampleId :
EZYF3

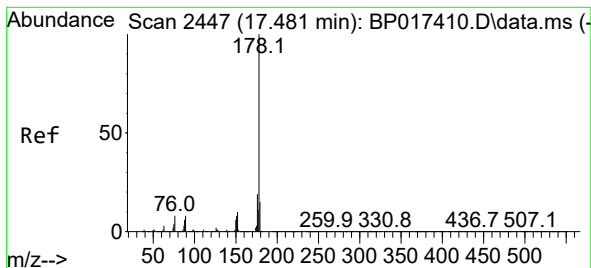
Tgt Ion:142 Resp: 46357
Ion Ratio Lower Upper
142 100
141 94.6 73.4 110.2
116 5.4 3.1 4.7#



#56
Dibenzofuran
Concen: 1.335 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

Tgt Ion:168 Resp: 55095
Ion Ratio Lower Upper
168 100
139 40.1 30.6 45.8





#72

Phenanthrene

Concen: 13.213 ng/ul

RT: 17.481 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

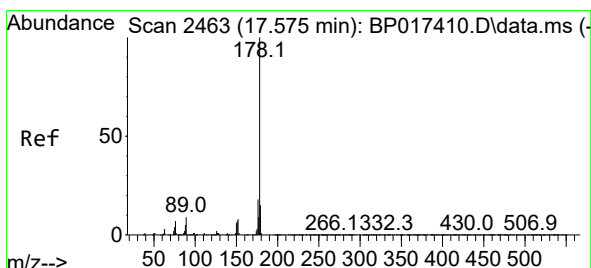
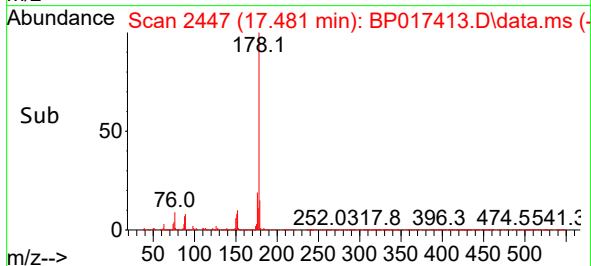
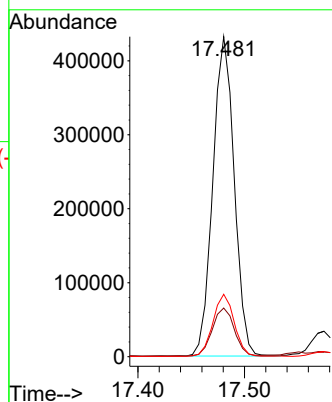
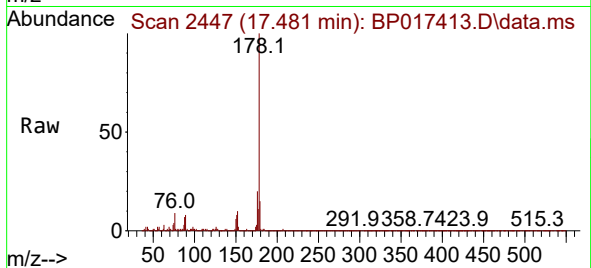
Tgt Ion:178 Resp: 602375

Ion Ratio Lower Upper

178 100

179 15.2 12.7 19.1

176 19.5 15.8 23.6



#74

Anthracene

Concen: 1.130 ng/ul

RT: 17.575 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

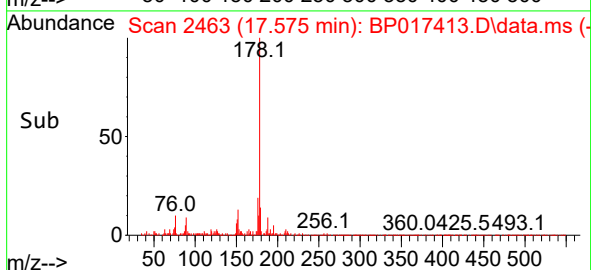
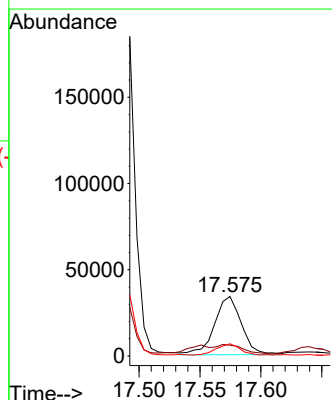
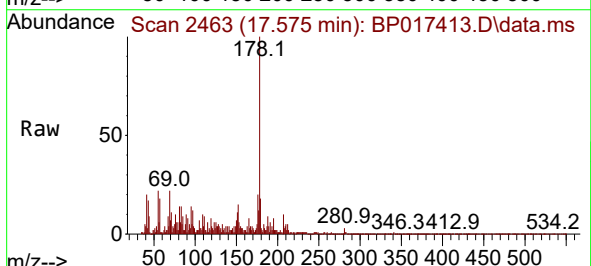
Tgt Ion:178 Resp: 52195

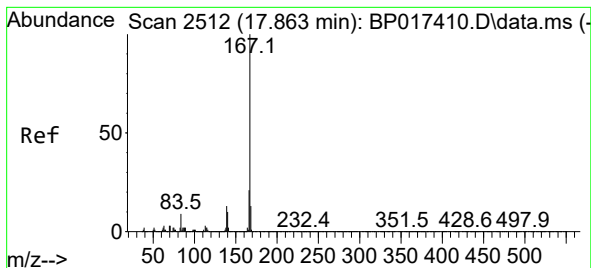
Ion Ratio Lower Upper

178 100

179 18.1 12.5 18.7

176 20.4 15.1 22.7





#77

Carbazole

Concen: 1.116 ng/ul

RT: 17.863 min Scan# 2

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

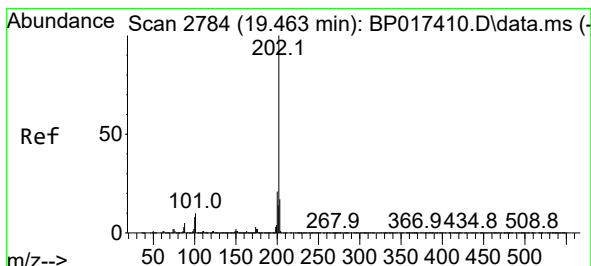
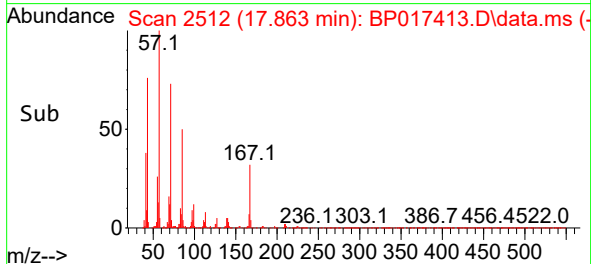
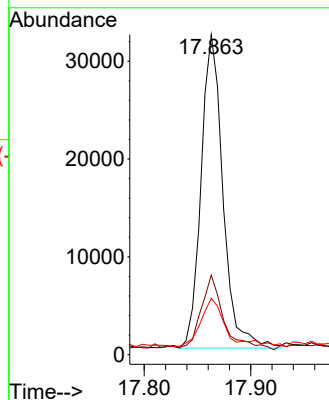
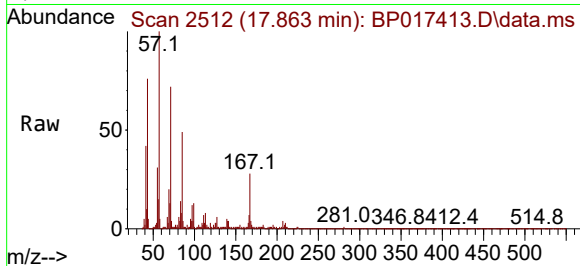
Tgt Ion:167 Resp: 45847

Ion Ratio Lower Upper

167 100

166 24.8 16.5 24.7#

139 17.6 10.5 15.7#



#80

Fluoranthene

Concen: 12.609 ng/ul

RT: 19.457 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

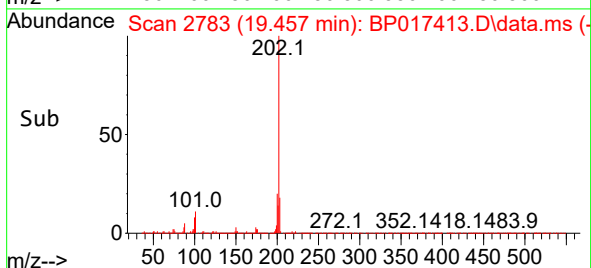
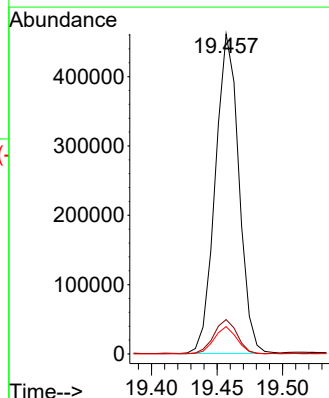
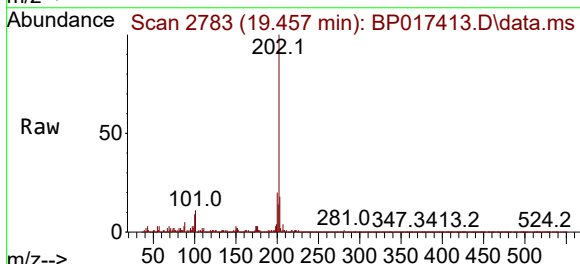
Tgt Ion:202 Resp: 575760

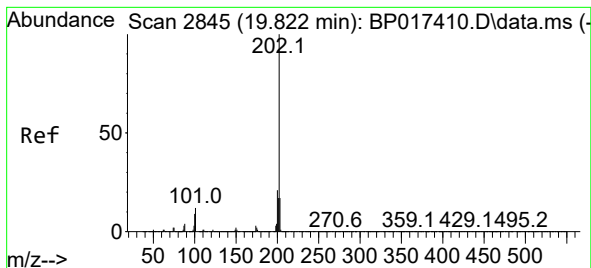
Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

100 8.5 6.6 10.0





#82

Pyrene

Concen: 8.989 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

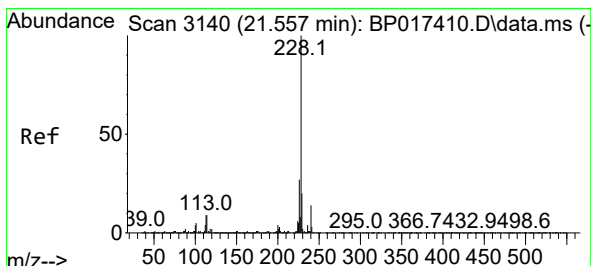
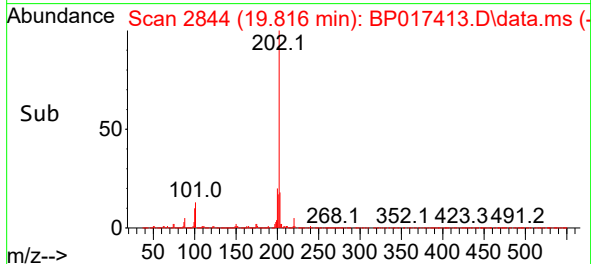
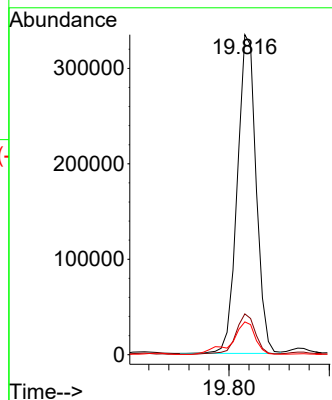
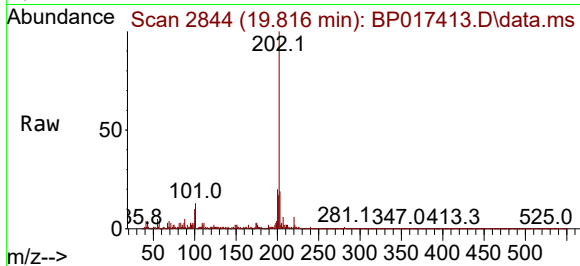
Tgt Ion:202 Resp: 436336

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

100 10.3 8.1 12.1



#85

Benzo(a)anthracene

Concen: 4.526 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

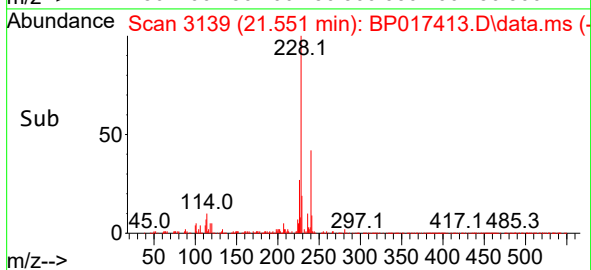
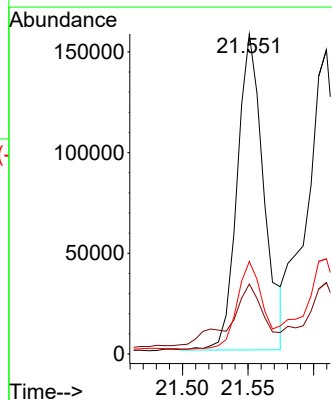
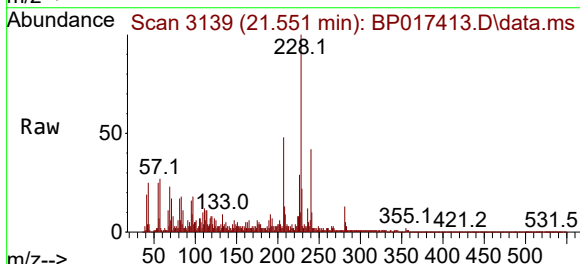
Tgt Ion:228 Resp: 221155

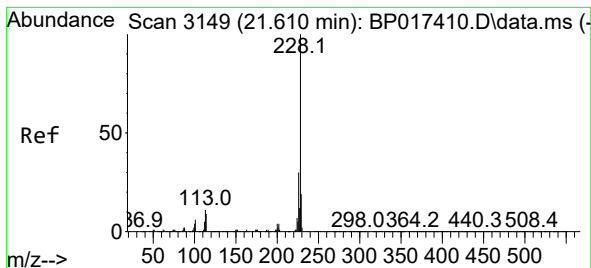
Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.6

226 28.9 21.8 32.8





#87

Chrysene

Concen: 4.819 ng/ul

RT: 21.551 min Scan# 3149

Delta R.T. -0.059 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

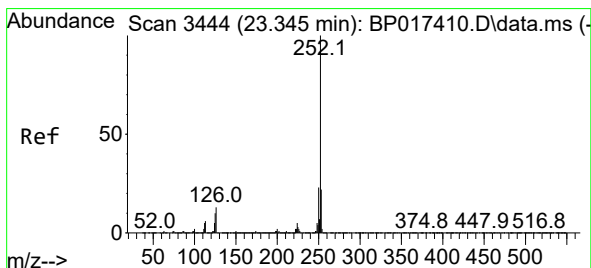
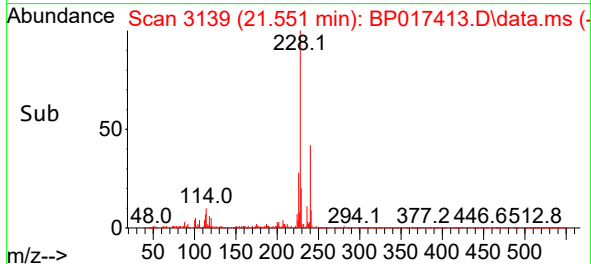
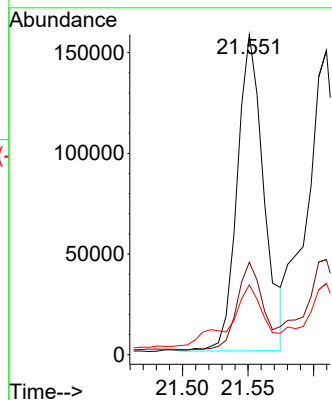
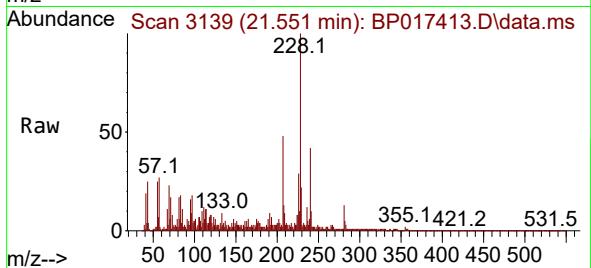
Tgt Ion:228 Resp: 221618

Ion Ratio Lower Upper

228 100

226 28.9 24.1 36.1

229 21.9 15.0 22.6



#90

Benzo(b)fluoranthene

Concen: 5.424 ng/ul

RT: 23.345 min Scan# 3444

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

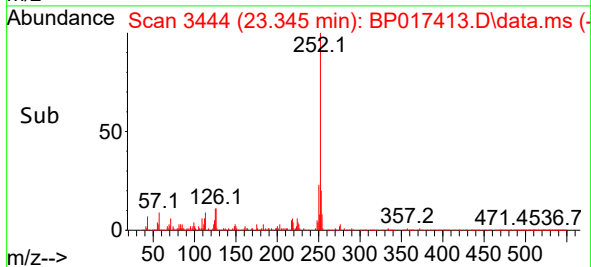
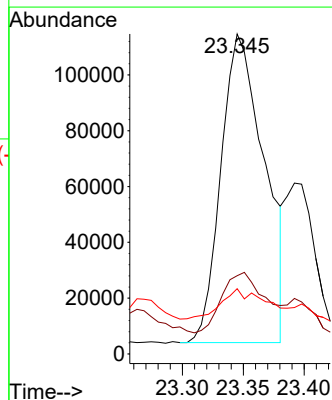
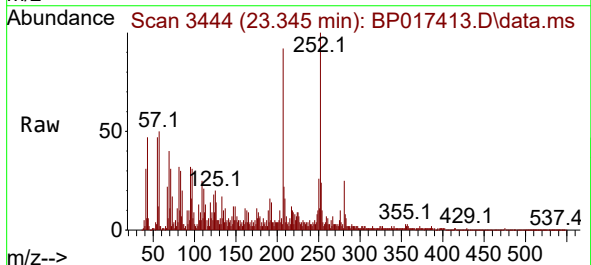
Tgt Ion:252 Resp: 274438

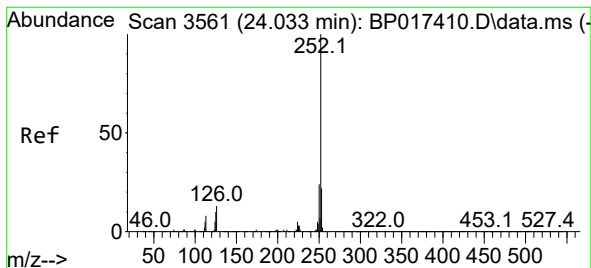
Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 20.4 7.8 11.8#





#93

Benzo(a)pyrene

Concen: 3.038 ng/ul

RT: 24.027 min Scan# 3560

Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

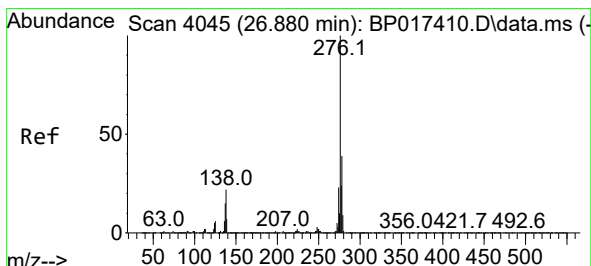
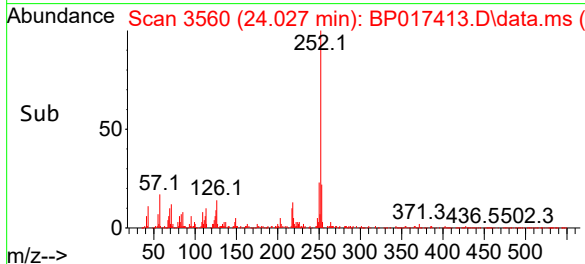
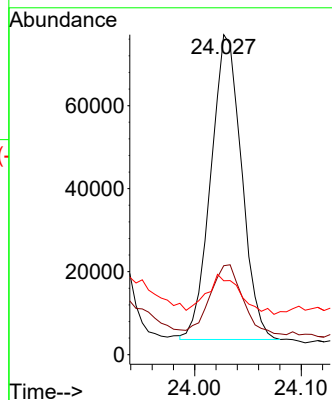
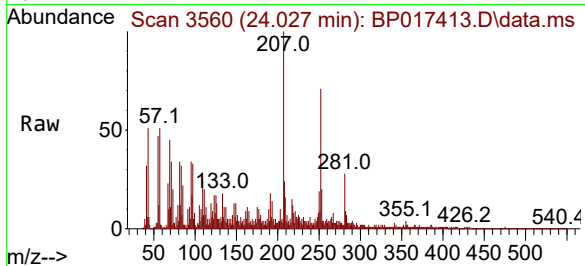
Tgt Ion:252 Resp: 147076

Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.0#

125 23.1 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.235 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

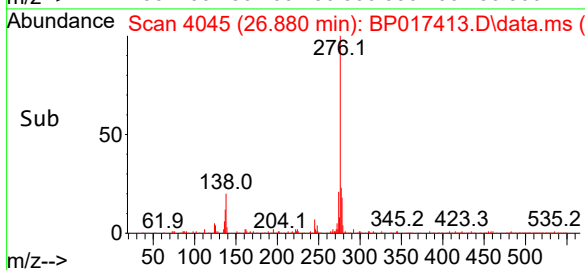
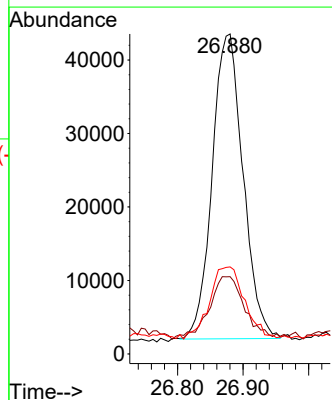
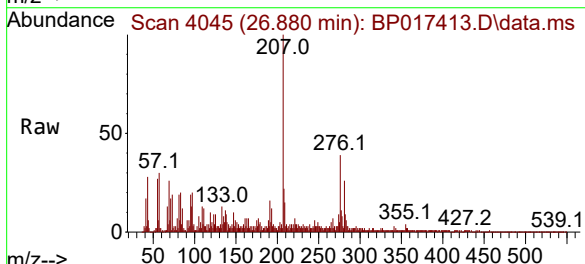
Tgt Ion:276 Resp: 135624

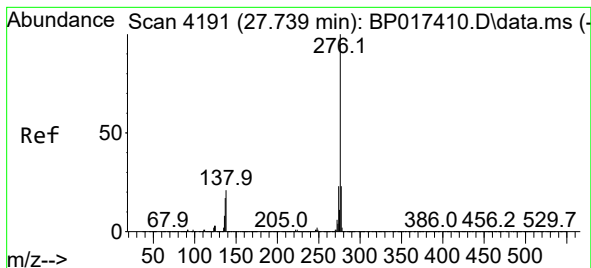
Ion Ratio Lower Upper

276 100

138 24.2 17.9 26.9

277 27.2 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 2.361 ng/ul

RT: 27.733 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP017413.D

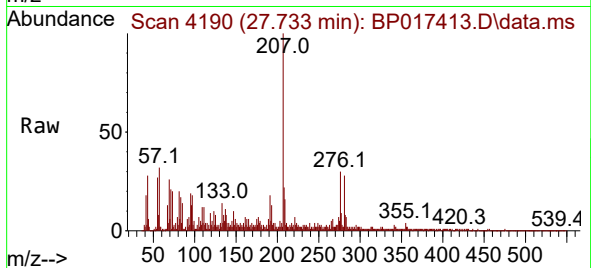
Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3



Tgt Ion:276 Resp: 115515

Ion Ratio Lower Upper

276 100

138 25.9 17.3 25.9#

277 28.9 18.8 28.2#

