

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017423.D
 Acq On : 28 Sep 2023 20:54
 Operator : MA/JU
 Sample : 04417-33
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN2

Quant Time: Sep 28 23:26:23 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)

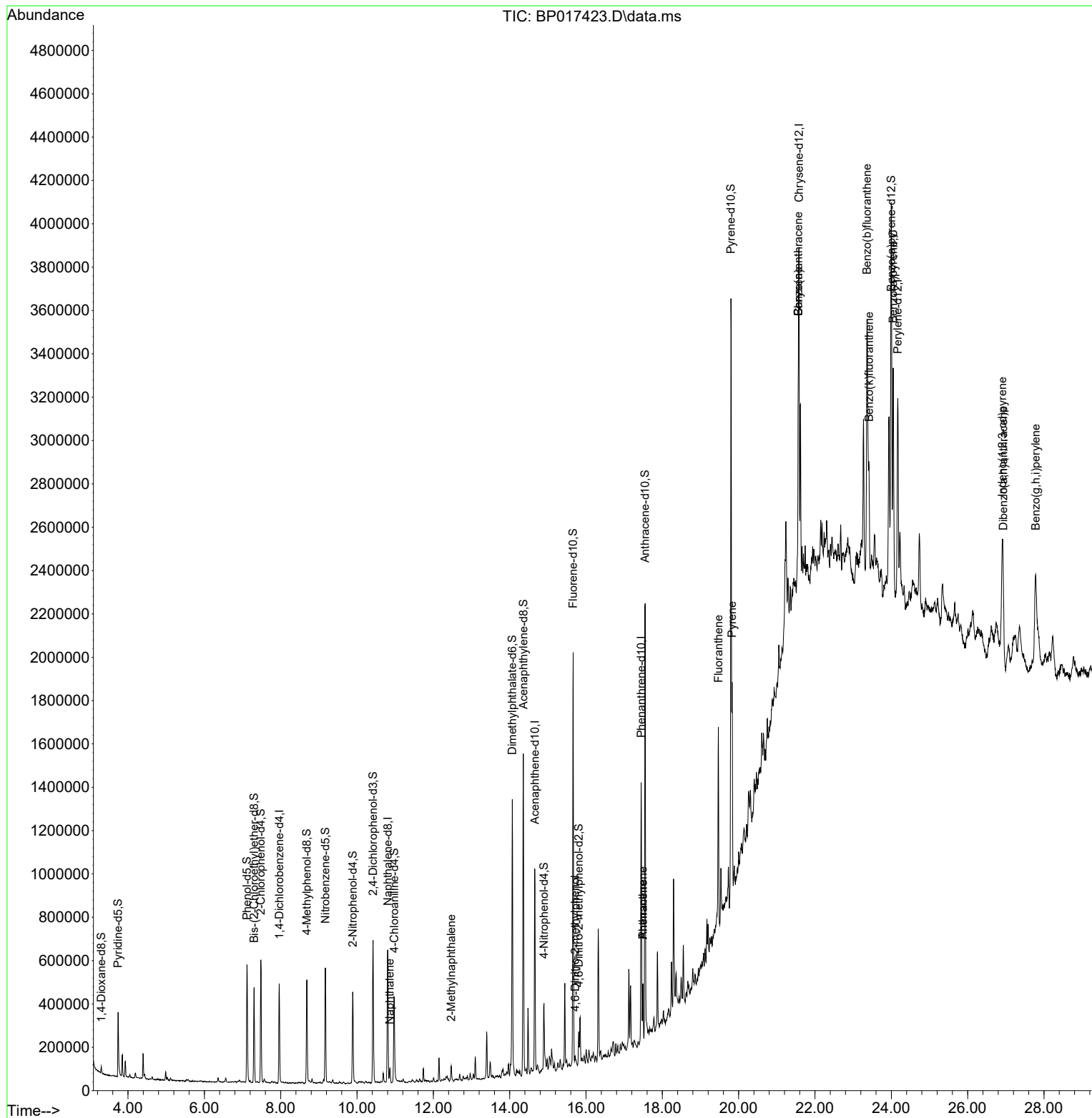
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	120001	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	491943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	308799	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	691069	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	612213	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	745573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16107	5.513	ng/uL	0.00
4) Pyridine-d5	3.740	84	157917	19.335	ng/ul	0.00
7) Phenol-d5	7.116	99	311143	31.570	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	190245	31.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	258073	33.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	184814	24.120	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	130960	36.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	134191	34.750	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	247425	33.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	237902	22.510	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	791148	35.764	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	925532	36.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	86341	22.403	ng/ul	0.00
60) Fluorene-d10	15.663	176	719786	37.795	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	30278	7.774	ng/ul	0.00
73) Anthracene-d10	17.545	188	1137986	37.129	ng/ul	0.00
81) Pyrene-d10	19.798	212	1347467	40.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	1326658	36.957	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.857	128	32878	1.284	ng/ul	97
36) 2-Methylnaphthalene	12.469	142	30410	1.819	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.716	198	8076	1.922	ng/ul	97
72) Phenanthrene	17.492	178	159399	4.404	ng/ul	99
74) Anthracene	17.492	178	159399	4.345	ng/ul	100
80) Fluoranthene	19.469	202	496049	12.847	ng/ul	100
82) Pyrene	19.827	202	521602	12.708	ng/ul	99
85) Benzo(a)anthracene	21.563	228	462855	11.202	ng/ul	95
87) Chrysene	21.563	228	458608	11.794	ng/ul	96
90) Benzo(b)fluoranthene	23.363	252	1036637	23.583	ng/ul#	95
91) Benzo(k)fluoranthene	23.415	252	344402	7.766	ng/ul#	92
93) Benzo(a)pyrene	24.051	252	774201	18.408	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.909	276	662184	12.561	ng/ul	97
95) Dibenzo(a,h)anthracene	26.933	278	161033	3.667	ng/ul#	79
96) Benzo(g,h,i)perylene	27.780	276	621615	14.622	ng/ul	98

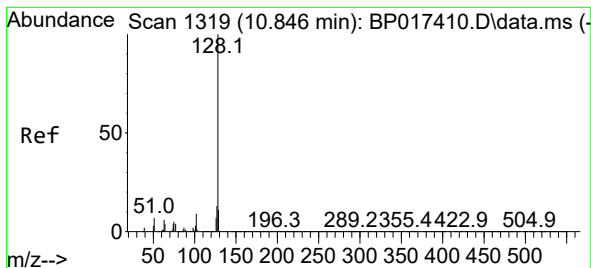
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
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#30

Naphthalene

Concen: 1.284 ng/ul

RT: 10.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

Instrument :

BNA_P

ClientSampleId :

EZYN2

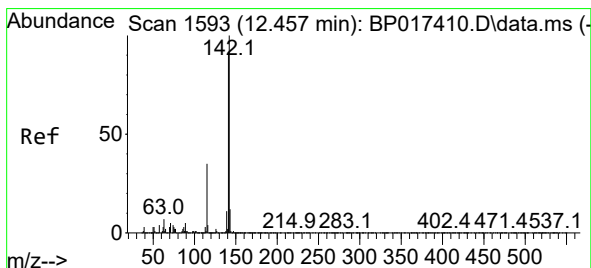
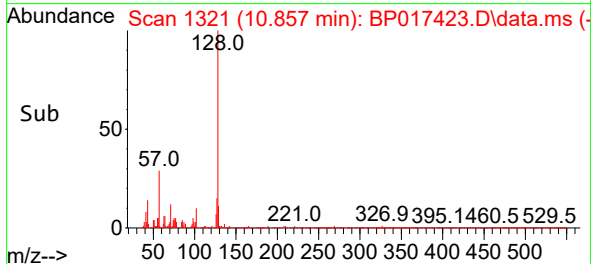
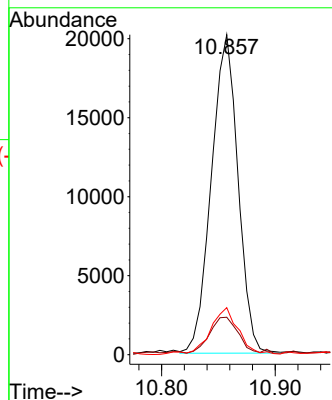
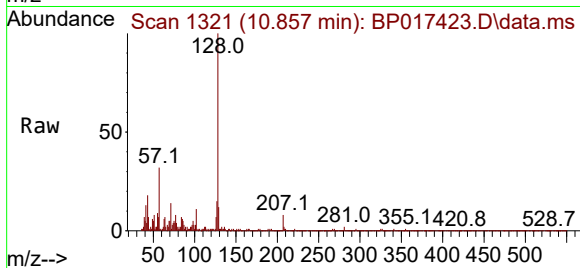
Tgt Ion:128 Resp: 32878

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

127 14.7 10.6 15.8



#36

2-Methylnaphthalene

Concen: 1.819 ng/ul

RT: 12.469 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BP017423.D

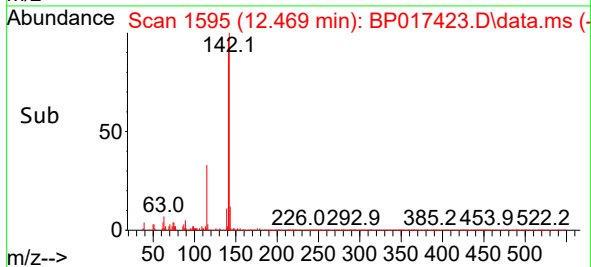
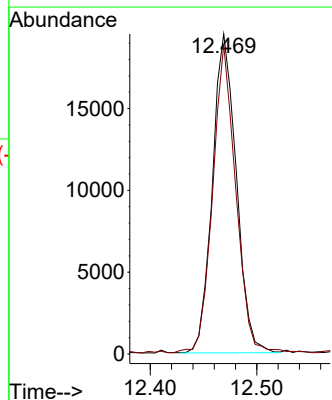
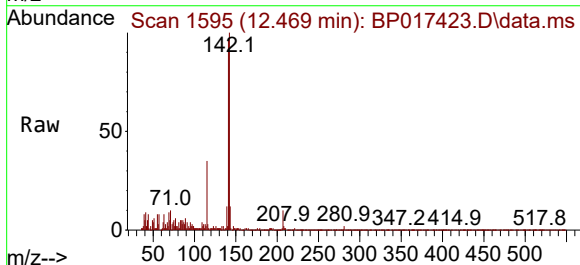
Acq: 28 Sep 2023 20:54

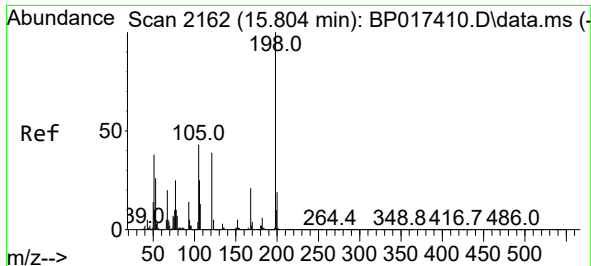
Tgt Ion:142 Resp: 30410

Ion Ratio Lower Upper

142 100

141 96.6 71.9 107.9

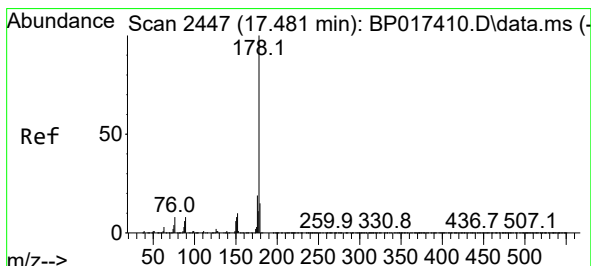
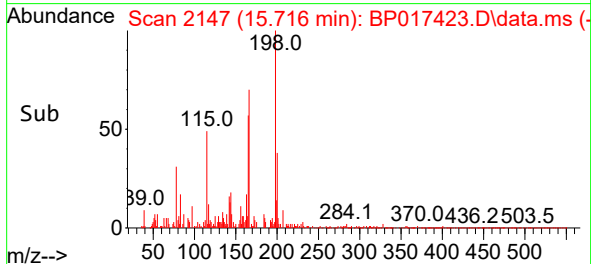
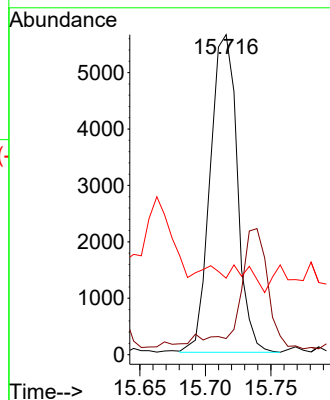
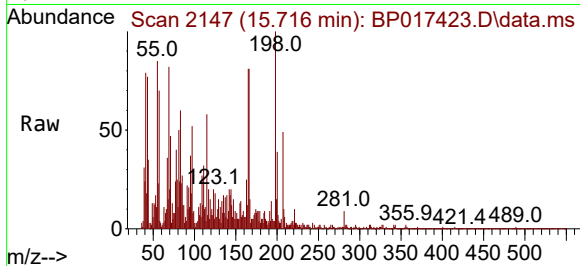




#66
4,6-Dinitro-2-methylphenol
Concen: 1.922 ng/ul
RT: 15.716 min Scan# 2162
Delta R.T. -0.112 min
Lab File: BP017423.D
Acq: 28 Sep 2023 20:54

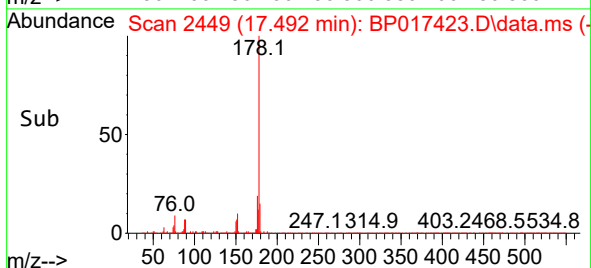
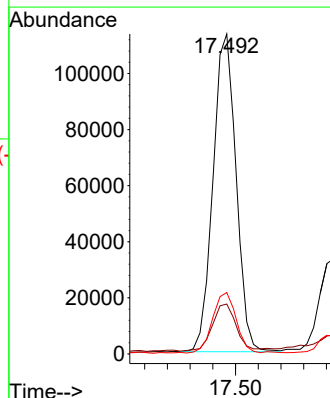
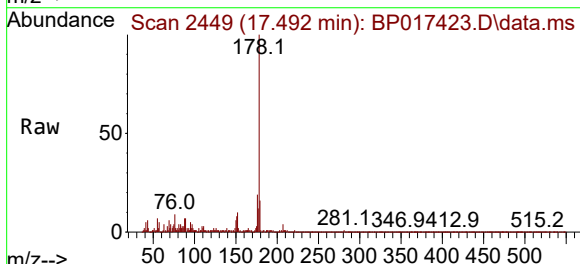
Instrument :
BNA_P
ClientSampleId :
EZYN2

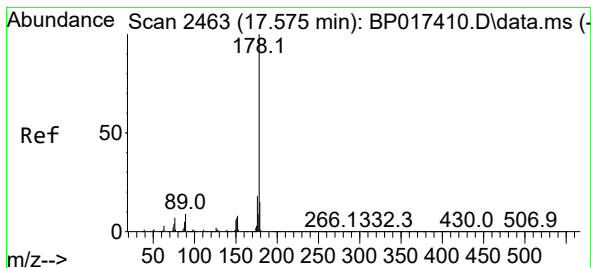
Tgt Ion:198 Resp: 8076
Ion Ratio Lower Upper
198 100
182 5.1 4.3 6.5
77 23.9 20.4 30.6



#72
Phenanthrene
Concen: 4.404 ng/ul
RT: 17.492 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP017423.D
Acq: 28 Sep 2023 20:54

Tgt Ion:178 Resp: 159399
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.2 15.8 23.6





#74

Anthracene

Concen: 4.345 ng/ul

RT: 17.492 min Scan# 2449

Delta R.T. -0.094 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

Instrument :

BNA_P

ClientSampleId :

EZYN2

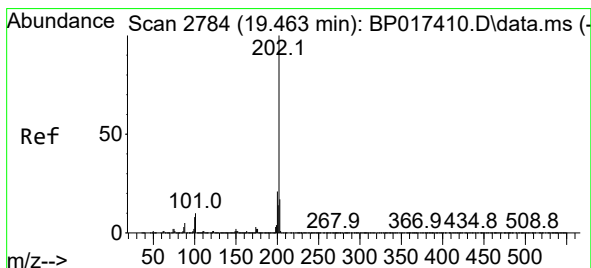
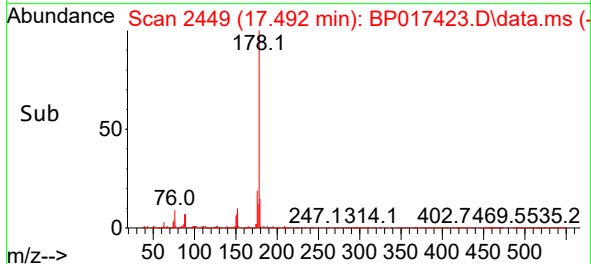
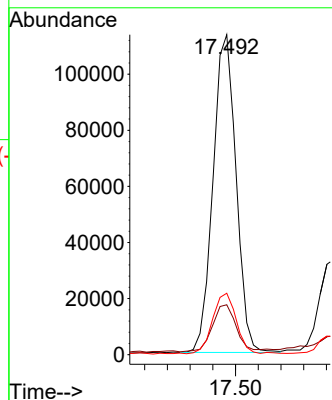
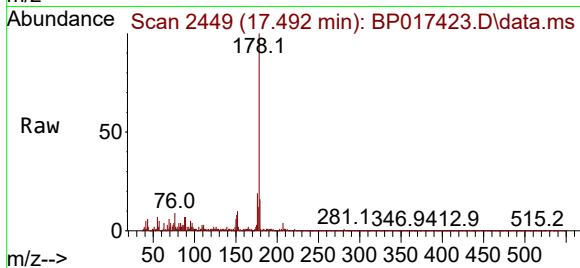
Tgt Ion:178 Resp: 159399

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.2 15.1 22.7



#80

Fluoranthene

Concen: 12.847 ng/ul

RT: 19.469 min Scan# 2785

Delta R.T. -0.006 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

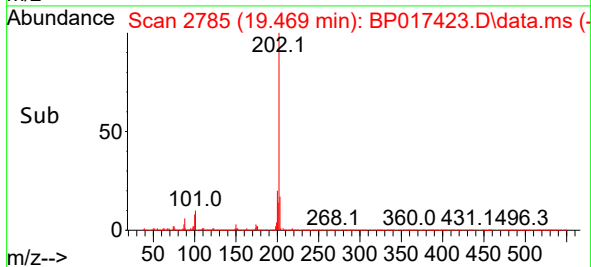
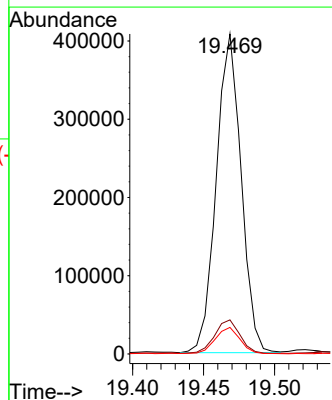
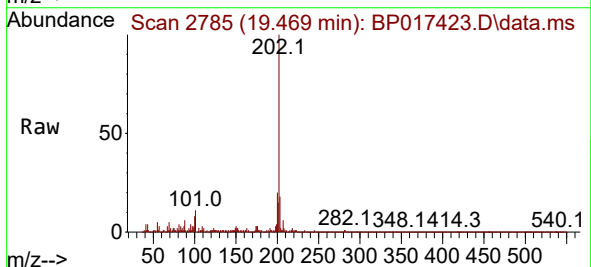
Tgt Ion:202 Resp: 496049

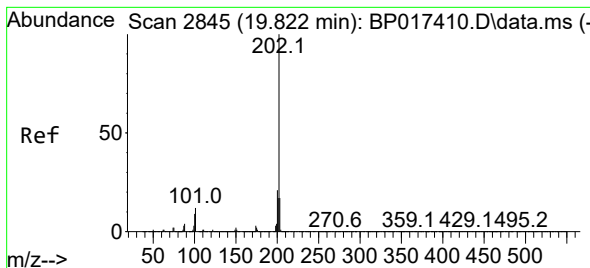
Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

100 8.3 6.6 10.0





#82

Pyrene

Concen: 12.708 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

Instrument :

BNA_P

ClientSampleId :

EZYN2

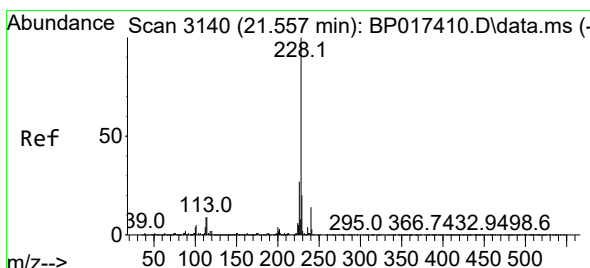
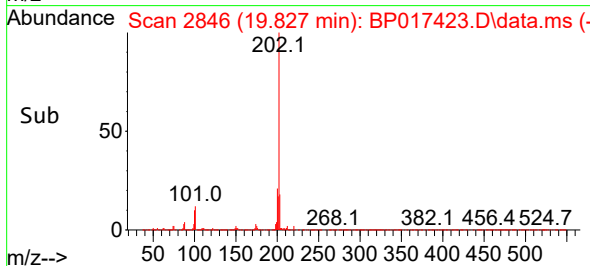
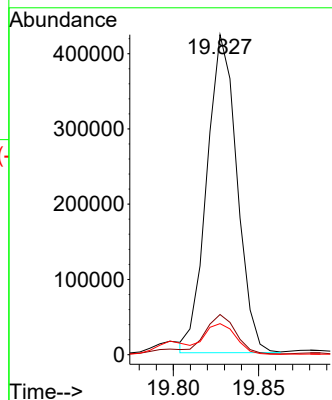
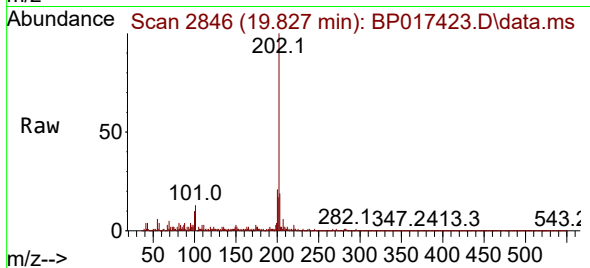
Tgt Ion:202 Resp: 521602

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: 11.202 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

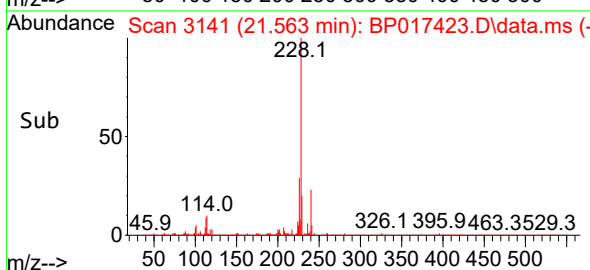
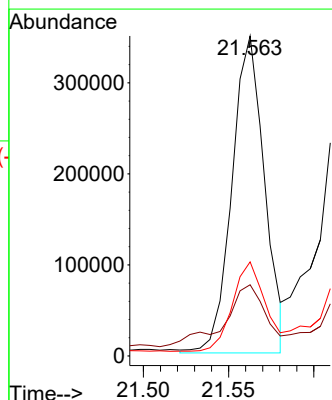
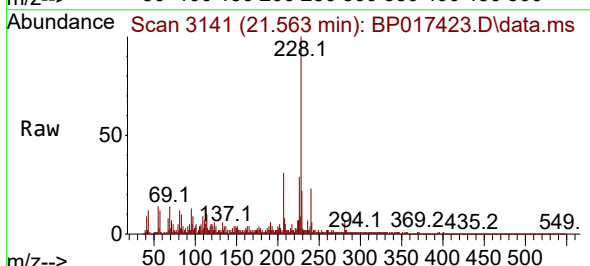
Tgt Ion:228 Resp: 462855

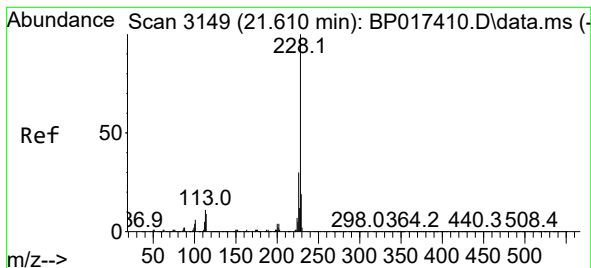
Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 29.4 21.8 32.8





#87

Chrysene

Concen: 11.794 ng/ul

RT: 21.563 min Scan# 3149

Delta R.T. -0.059 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

Instrument :

BNA_P

ClientSampleId :

EZYN2

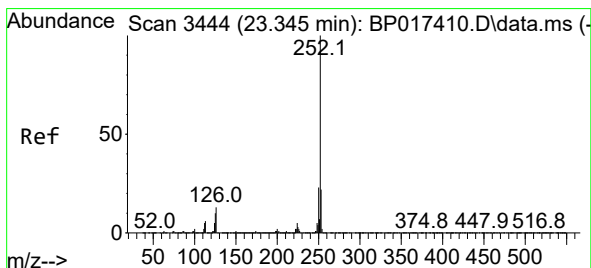
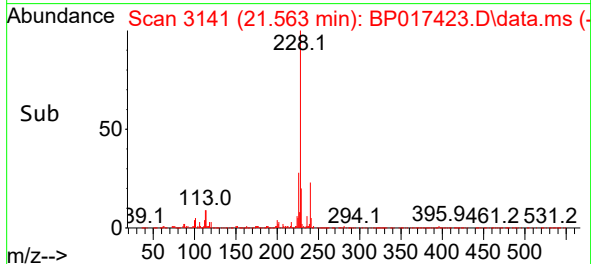
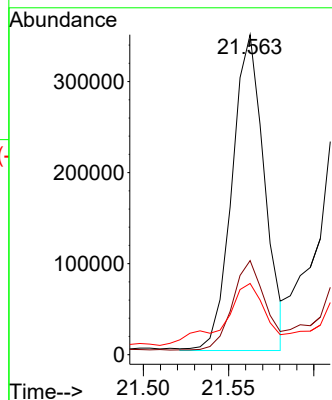
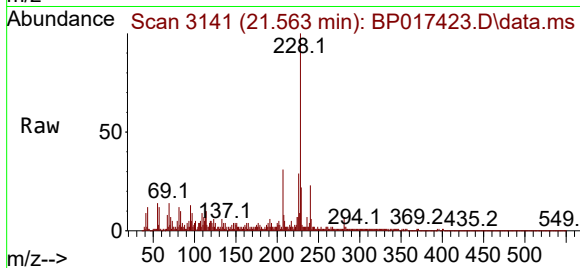
Tgt Ion:228 Resp: 458608

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 22.2 15.0 22.6



#90

Benzo(b)fluoranthene

Concen: 23.583 ng/ul

RT: 23.363 min Scan# 3447

Delta R.T. -0.000 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

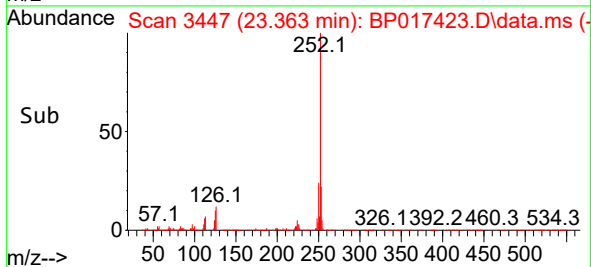
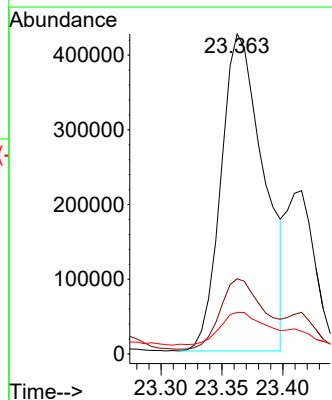
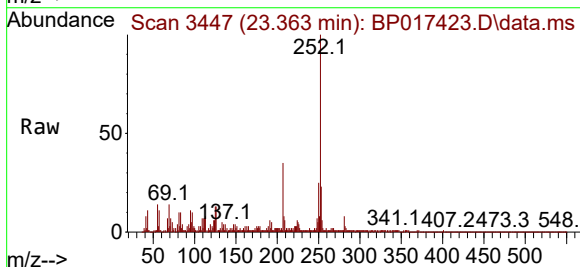
Tgt Ion:252 Resp: 1036637

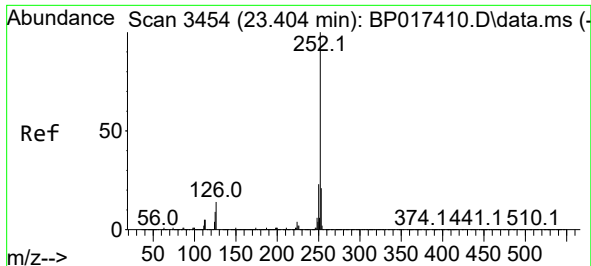
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 13.0 7.8 11.8#

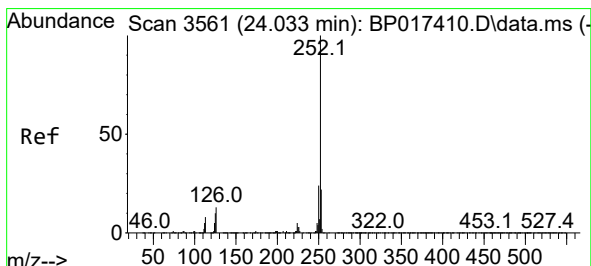
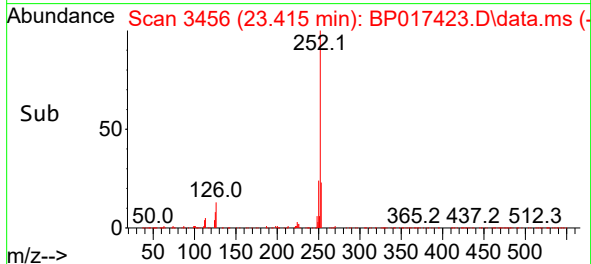
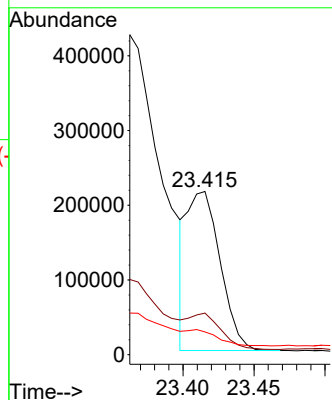
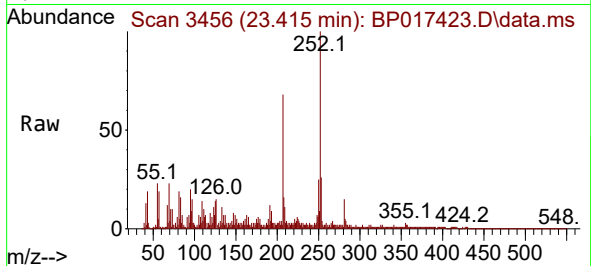




#91
Benzo(k)fluoranthene
Concen: 7.766 ng/ul
RT: 23.415 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BP017423.D
Acq: 28 Sep 2023 20:54

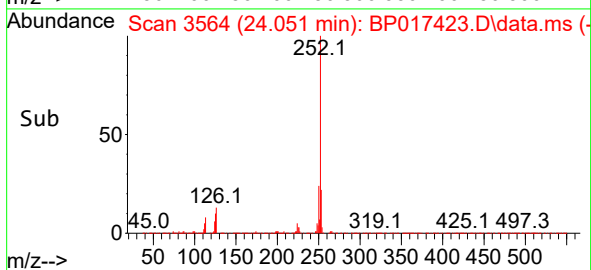
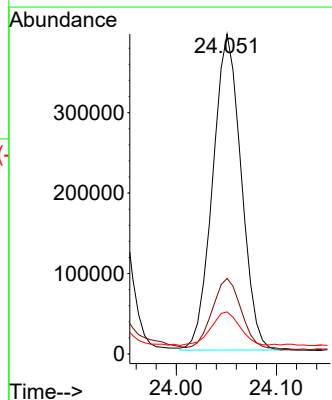
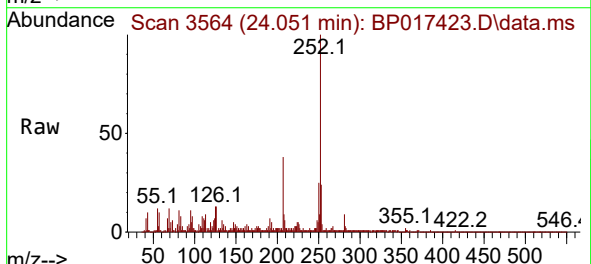
Instrument :
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ClientSampleId :
EZYN2

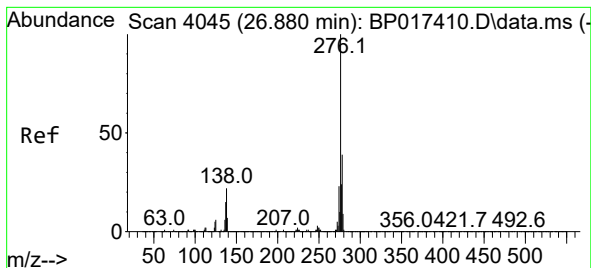
Tgt Ion:252 Resp: 344402
Ion Ratio Lower Upper
252 100
253 25.5 17.9 26.9
125 13.9 7.8 11.6#



#93
Benzo(a)pyrene
Concen: 18.408 ng/ul
RT: 24.051 min Scan# 3564
Delta R.T. -0.006 min
Lab File: BP017423.D
Acq: 28 Sep 2023 20:54

Tgt Ion:252 Resp: 774201
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 13.1 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 12.561 ng/ul

RT: 26.909 min Scan# 4050

Delta R.T. -0.018 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

Instrument :

BNA_P

ClientSampleId :

EZYN2

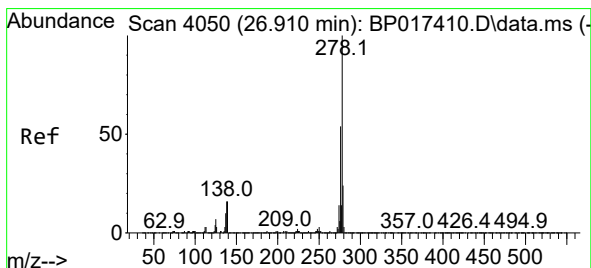
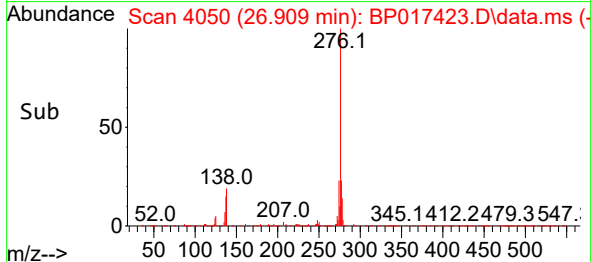
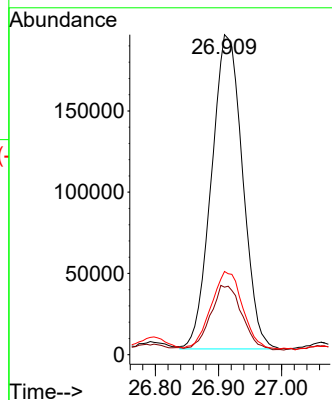
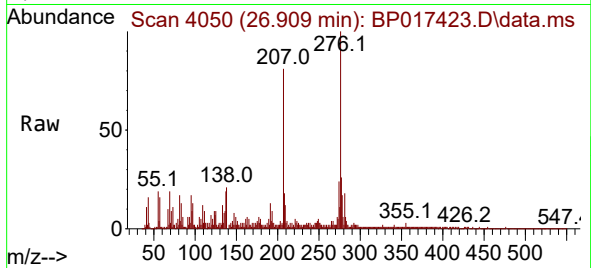
Tgt Ion:276 Resp: 662184

Ion Ratio Lower Upper

276 100

138 21.1 17.9 26.9

277 26.0 19.5 29.3



#95

Dibenzo(a,h)anthracene

Concen: 3.667 ng/ul

RT: 26.933 min Scan# 4054

Delta R.T. -0.018 min

Lab File: BP017423.D

Acq: 28 Sep 2023 20:54

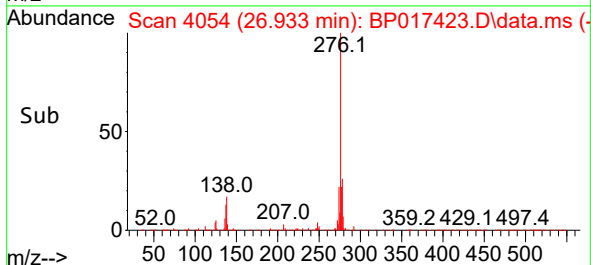
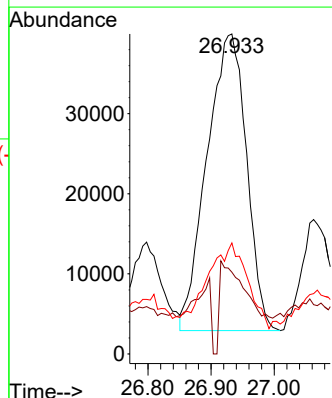
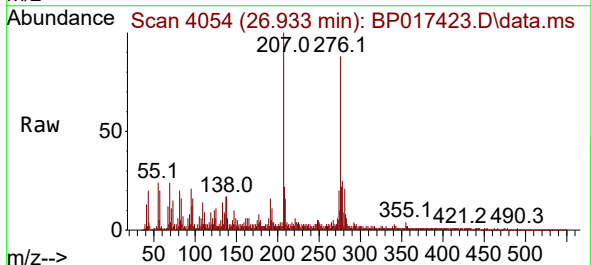
Tgt Ion:278 Resp: 161033

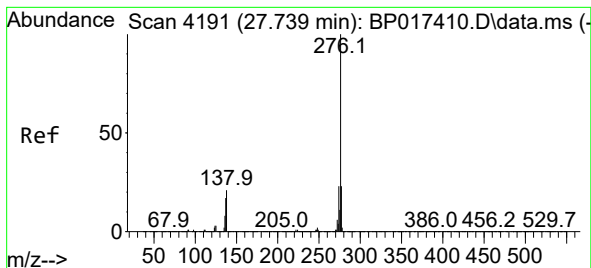
Ion Ratio Lower Upper

278 100

139 25.6 13.4 20.0#

279 34.7 19.5 29.3#





#96

Benzo(g,h,i)perylene

Concen: 14.622 ng/ul

RT: 27.780 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP017423.D

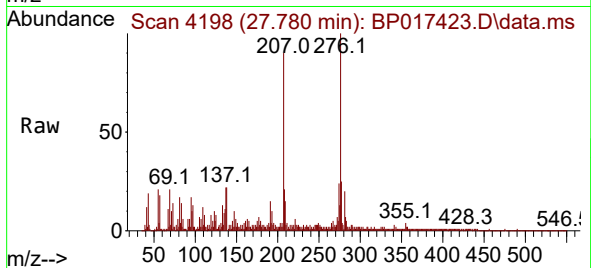
Acq: 28 Sep 2023 20:54

Instrument :

BNA_P

ClientSampleId :

EZYN2



Tgt Ion:276 Resp: 621615

Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

277 25.5 18.8 28.2

