

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017424.D
 Acq On : 28 Sep 2023 21:28
 Operator : MA/JU
 Sample : 04417-31
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN0

Quant Time: Sep 28 23:26:39 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

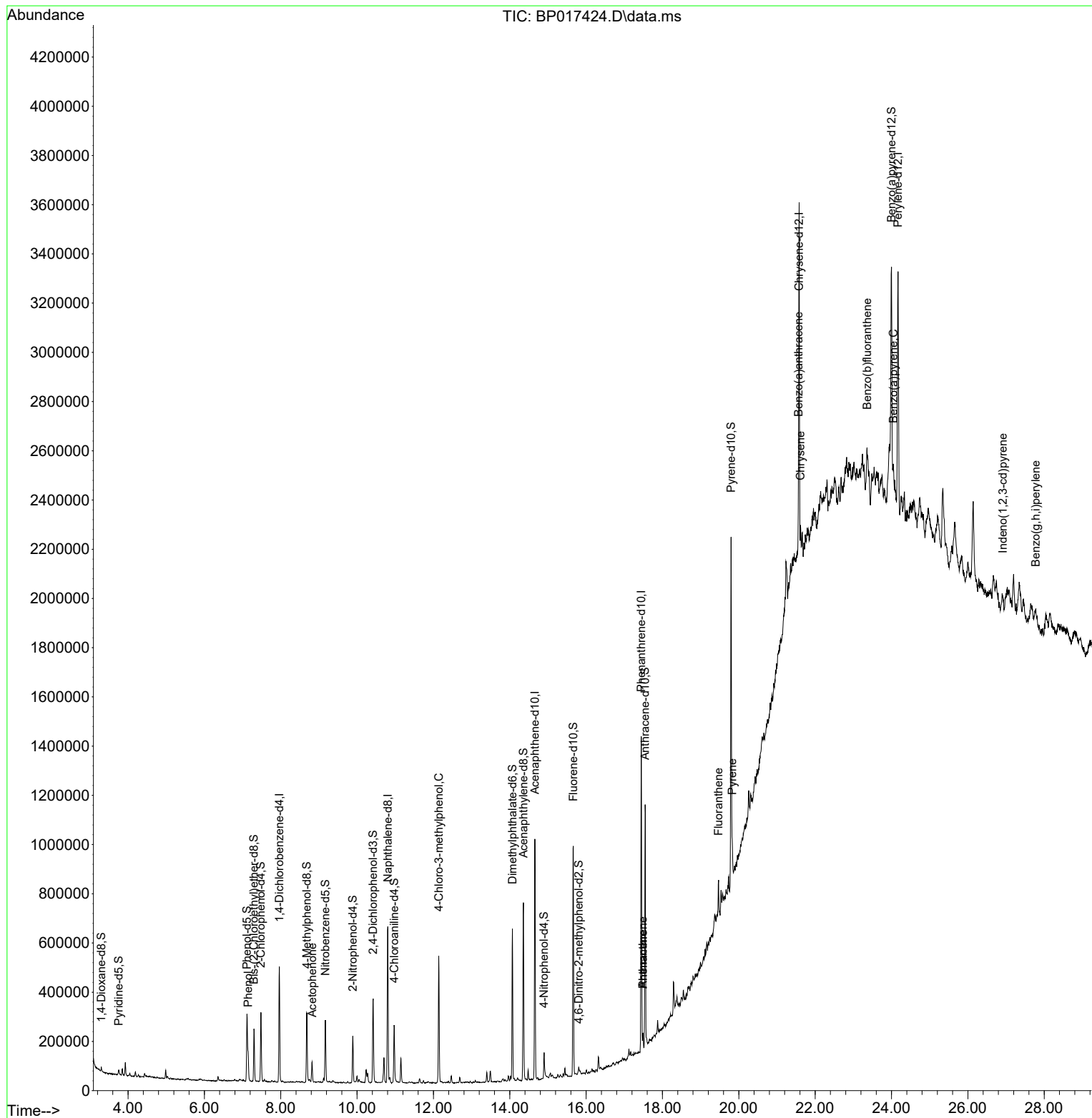
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	126204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.805	136	512241	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	319630	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	717851	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	631838	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	748826	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	8128	2.645	ng/uL	0.00
4) Pyridine-d5	3.758	84	13062	1.521	ng/ul	0.02
7) Phenol-d5	7.117	99	157676	15.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	92447	14.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	127054	15.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	112051	13.905	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	62359	16.839	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	62583	15.564	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	125619	16.536	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	131213	11.923	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	396343	17.310	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	452318	17.176	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	30276	7.590	ng/ul	0.00
60) Fluorene-d10	15.663	176	362285	18.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	5844	1.444	ng/ul	0.00
73) Anthracene-d10	17.545	188	558060	17.529	ng/ul	0.00
81) Pyrene-d10	19.798	212	682608	19.978	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	651557	18.072	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.146	94	59525	5.710	ng/ul	96
16) Acetophenone	8.822	105	45415	3.647	ng/ul	96
35) 4-Chloro-3-methylphenol	12.140	107	107564	14.287	ng/ul#	20
72) Phenanthrene	17.487	178	38637	1.028	ng/ul	98
74) Anthracene	17.487	178	38647	1.014	ng/ul	98
80) Fluoranthene	19.469	202	80060	2.009	ng/ul	99
82) Pyrene	19.828	202	83535	1.972	ng/ul	99
85) Benzo(a)anthracene	21.563	228	64214	1.506	ng/ul#	86
87) Chrysene	21.616	228	76701	1.911	ng/ul#	82
90) Benzo(b)fluoranthene	23.363	252	135603	3.071	ng/ul#	70
93) Benzo(a)pyrene	24.051	252	86490	2.048	ng/ul#	67
94) Indeno(1,2,3-cd)pyrene	26.915	276	84457	1.595	ng/ul#	91
96) Benzo(g,h,i)perylene	27.774	276	95393	2.234	ng/ul#	82

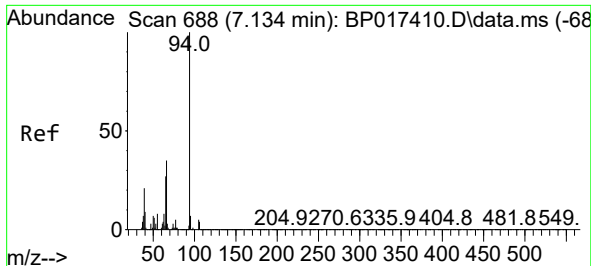
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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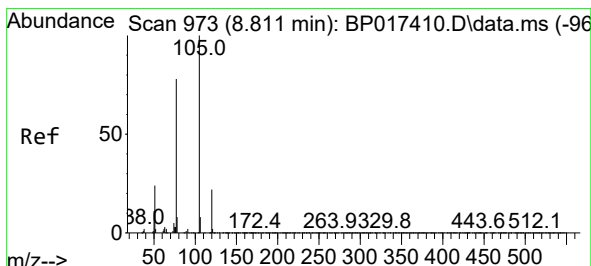
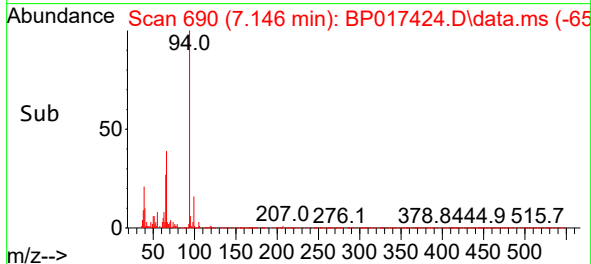
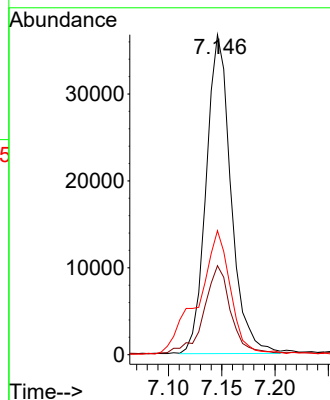
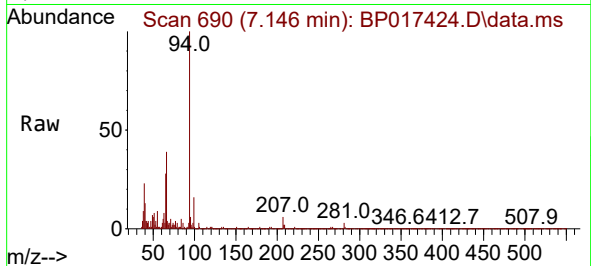




#8
Phenol
Concen: 5.710 ng/ul
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP017424.D
Acq: 28 Sep 2023 21:28

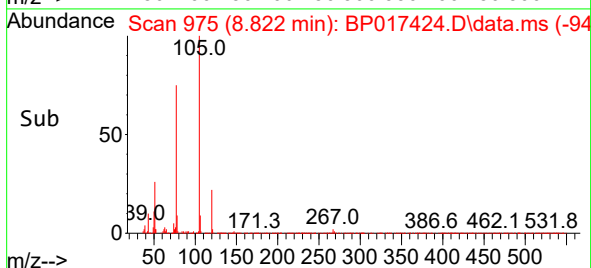
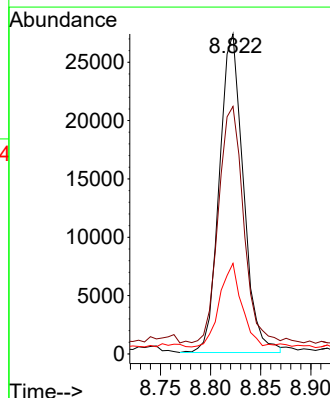
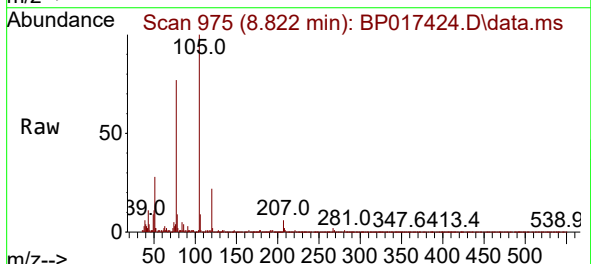
Instrument :
BNA_P
ClientSampleId :
EZYNO

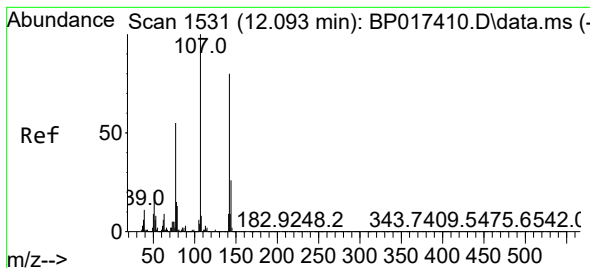
Tgt Ion: 94 Resp: 59525
Ion Ratio Lower Upper
94 100
65 27.8 21.4 32.2
66 38.8 28.2 42.2



#16
Acetophenone
Concen: 3.647 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP017424.D
Acq: 28 Sep 2023 21:28

Tgt Ion: 105 Resp: 45415
Ion Ratio Lower Upper
105 100
77 77.3 63.6 95.4
51 28.3 19.2 28.8

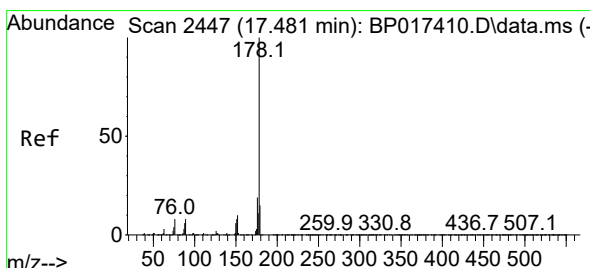
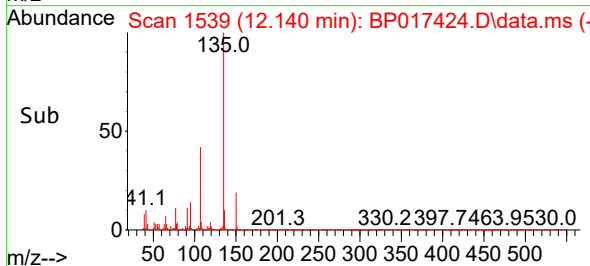
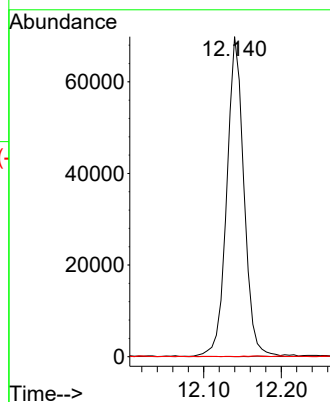
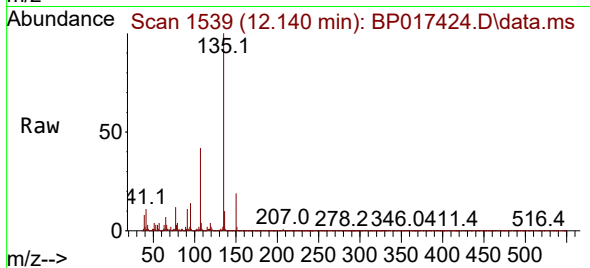




#35
4-Chloro-3-methylphenol
Concen: 14.287 ng/ul
RT: 12.140 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP017424.D
Acq: 28 Sep 2023 21:28

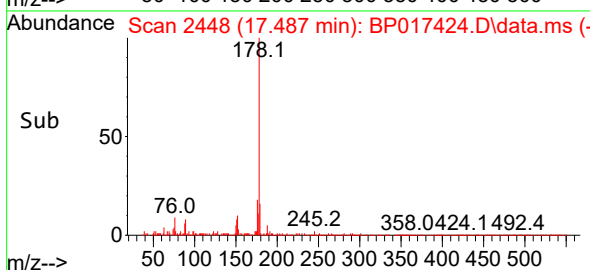
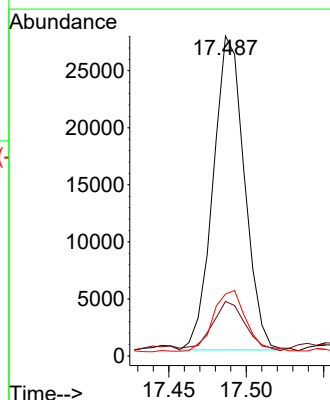
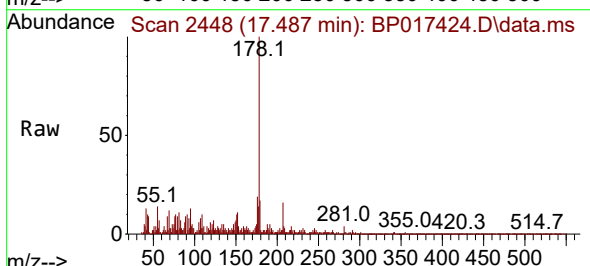
Instrument :
BNA_P
ClientSampleId :
EZYNO

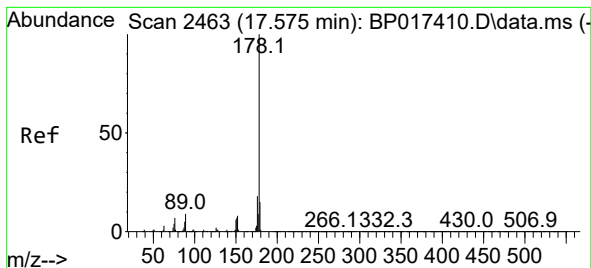
Tgt Ion:107 Resp: 107564
Ion Ratio Lower Upper
107 100
144 0.0 20.6 31.0#
142 0.1 62.9 94.3#



#72
Phenanthrene
Concen: 1.028 ng/ul
RT: 17.487 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BP017424.D
Acq: 28 Sep 2023 21:28

Tgt Ion:178 Resp: 38637
Ion Ratio Lower Upper
178 100
179 17.0 12.7 19.1
176 19.3 15.8 23.6





#74

Anthracene

Concen: 1.014 ng/ul

RT: 17.487 min Scan# 2463

Delta R.T. -0.100 min

Lab File: BP017424.D

Acq: 28 Sep 2023 21:28

Instrument :

BNA_P

ClientSampleId :

EZYN0

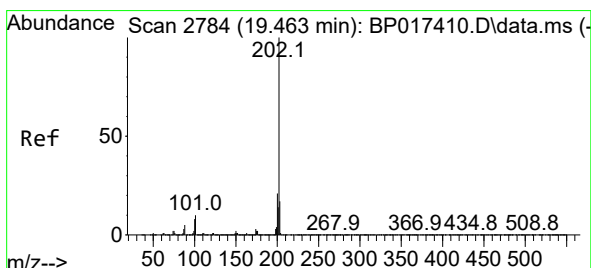
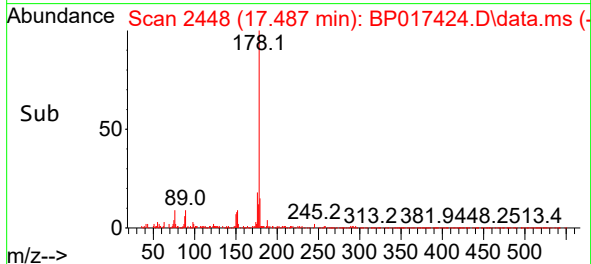
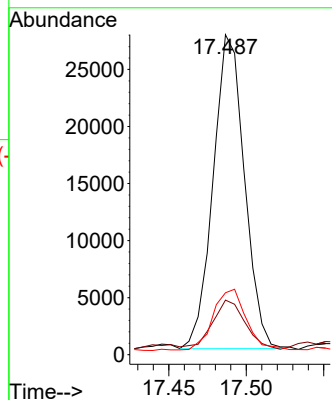
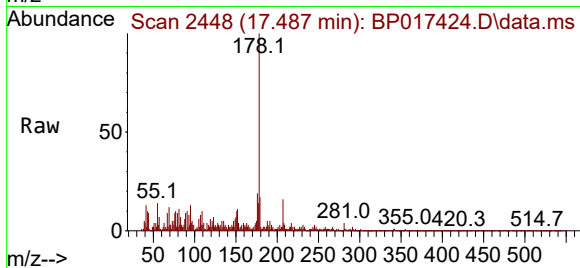
Tgt Ion:178 Resp: 38647

Ion Ratio Lower Upper

178 100

179 17.0 12.5 18.7

176 19.3 15.1 22.7



#80

Fluoranthene

Concen: 2.009 ng/ul

RT: 19.469 min Scan# 2785

Delta R.T. -0.006 min

Lab File: BP017424.D

Acq: 28 Sep 2023 21:28

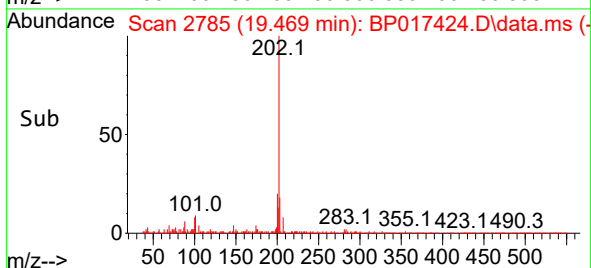
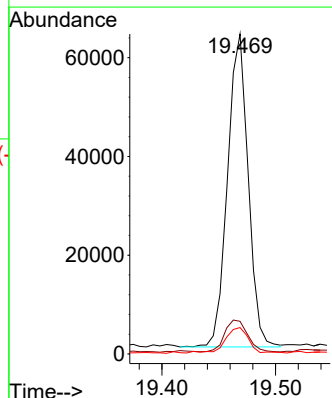
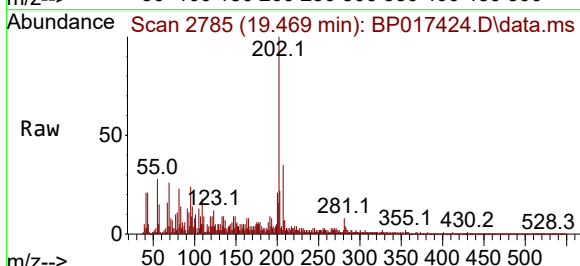
Tgt Ion:202 Resp: 80060

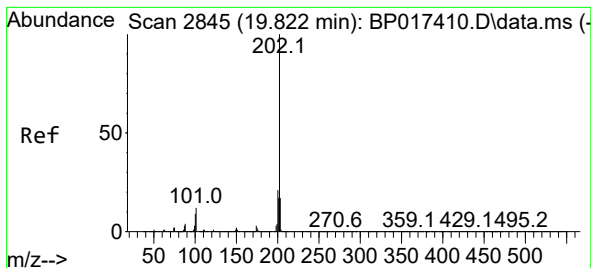
Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

100 8.3 6.6 10.0





#82

Pyrene

Concen: 1.972 ng/ul

RT: 19.828 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017424.D

Acq: 28 Sep 2023 21:28

Instrument :

BNA_P

ClientSampleId :

EZYN0

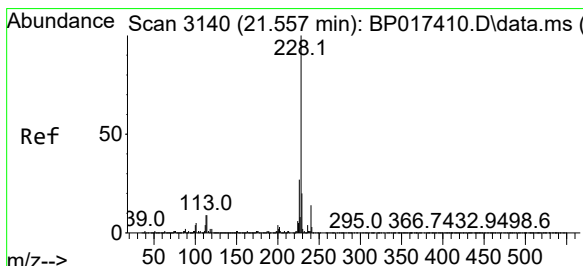
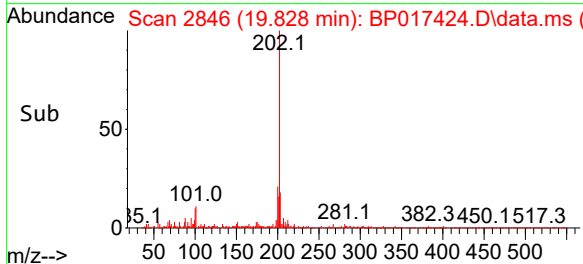
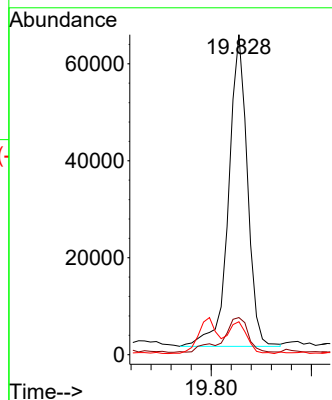
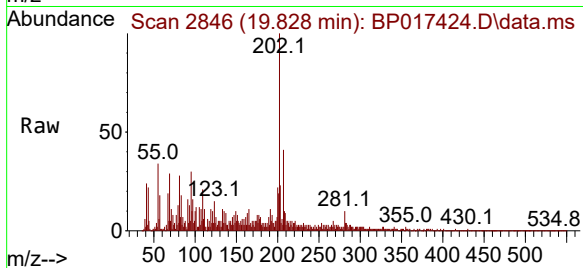
Tgt Ion:202 Resp: 83535

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

100 10.3 8.1 12.1



#85

Benzo(a)anthracene

Concen: 1.506 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP017424.D

Acq: 28 Sep 2023 21:28

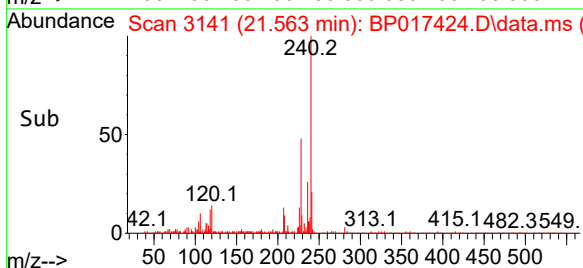
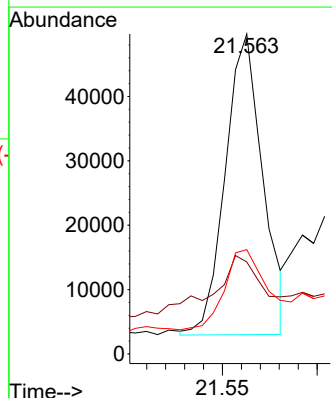
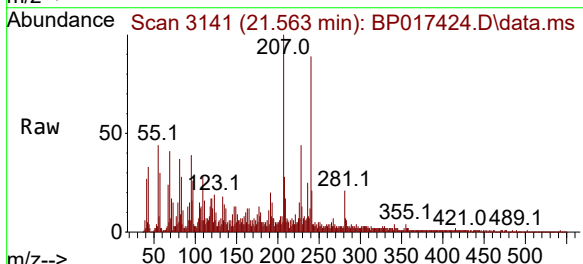
Tgt Ion:228 Resp: 64214

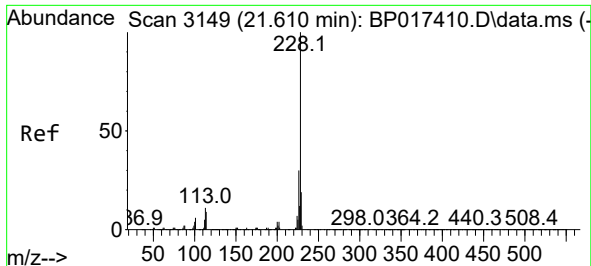
Ion Ratio Lower Upper

228 100

229 28.7 15.8 23.6#

226 32.6 21.8 32.8





#87

Chrysene

Concen: 1.911 ng/ul

RT: 21.616 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BP017424.D

Acq: 28 Sep 2023 21:28

Instrument :

BNA_P

ClientSampleId :

EZYN0

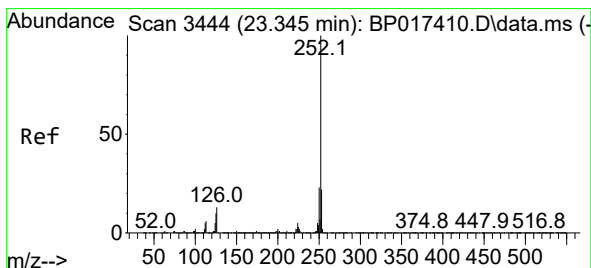
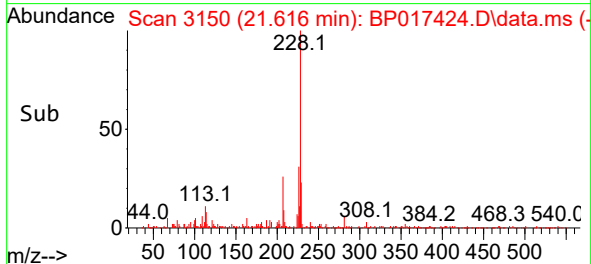
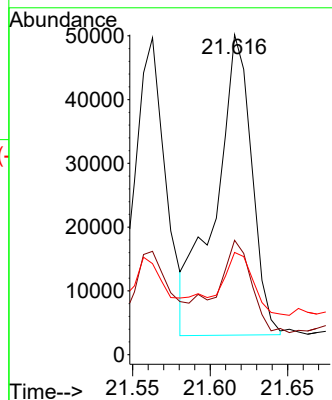
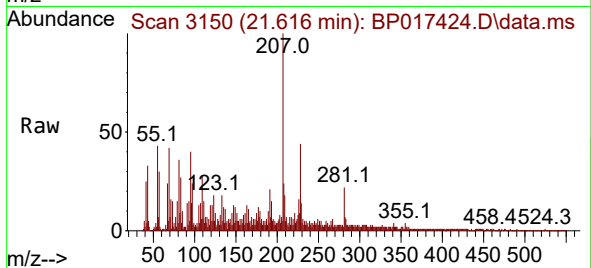
Tgt Ion:228 Resp: 76701

Ion Ratio Lower Upper

228 100

226 35.8 24.1 36.1

229 31.9 15.0 22.6#



#90

Benzo(b)fluoranthene

Concen: 3.071 ng/ul

RT: 23.363 min Scan# 3447

Delta R.T. -0.000 min

Lab File: BP017424.D

Acq: 28 Sep 2023 21:28

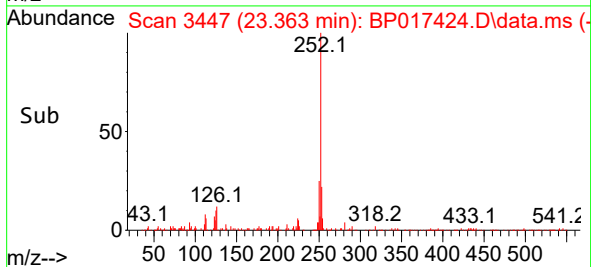
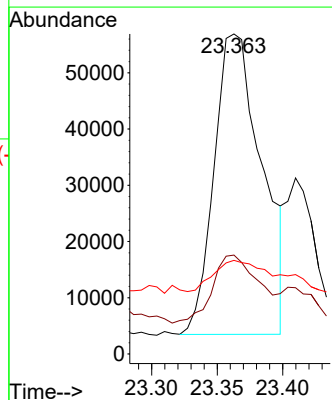
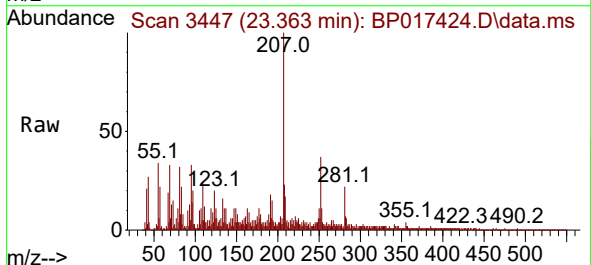
Tgt Ion:252 Resp: 135603

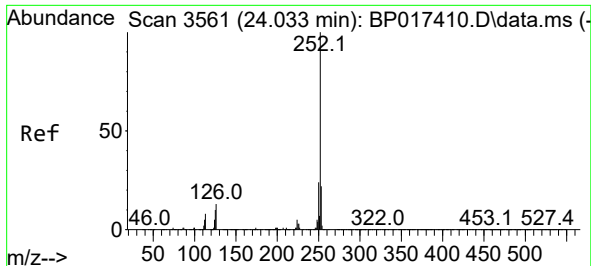
Ion Ratio Lower Upper

252 100

253 30.9 17.4 26.0#

125 29.3 7.8 11.8#

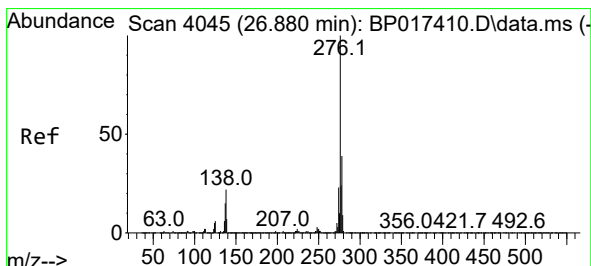
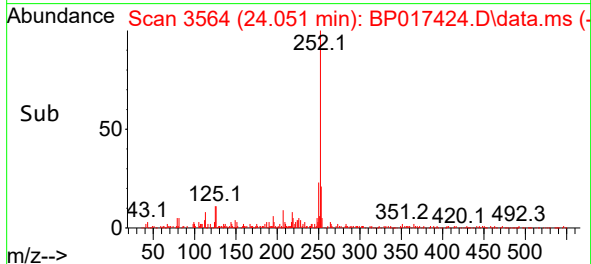
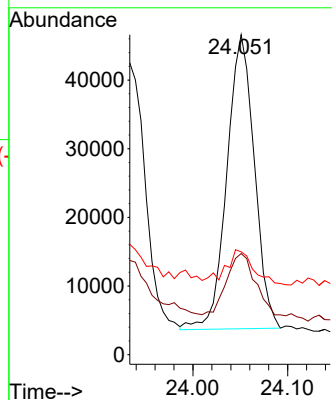
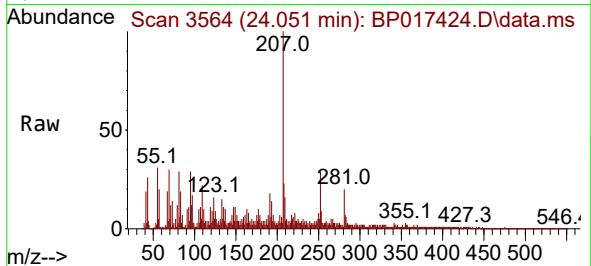




#93
Benzo(a)pyrene
Concen: 2.048 ng/ul
RT: 24.051 min Scan# 3564
Delta R.T. -0.006 min
Lab File: BP017424.D
Acq: 28 Sep 2023 21:28

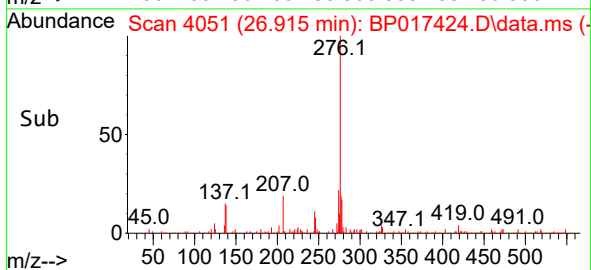
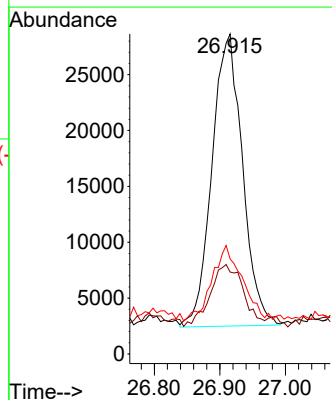
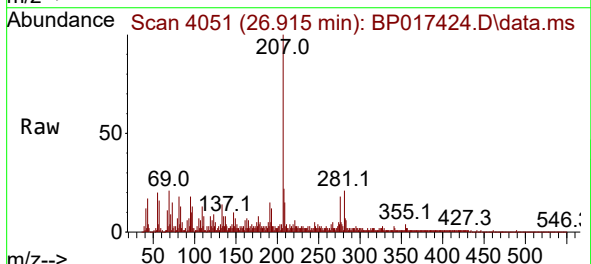
Instrument :
BNA_P
ClientSampleId :
EZYNO

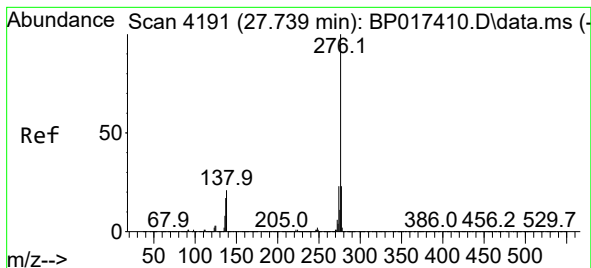
Tgt Ion:252 Resp: 86490
Ion Ratio Lower Upper
252 100
253 31.6 17.4 26.0#
125 32.2 8.9 13.3#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.595 ng/ul
RT: 26.915 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BP017424.D
Acq: 28 Sep 2023 21:28

Tgt Ion:276 Resp: 84457
Ion Ratio Lower Upper
276 100
138 25.6 17.9 26.9
277 29.7 19.5 29.3#





#96

Benzo(g,h,i)perylene

Concen: 2.234 ng/ul

RT: 27.774 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP017424.D

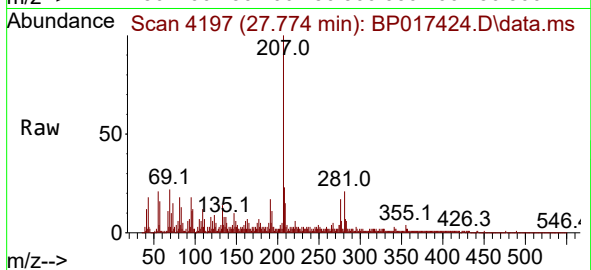
Acq: 28 Sep 2023 21:28

Instrument :

BNA_P

ClientSampleId :

EZYN0



Tgt Ion:276 Resp: 95393

Ion Ratio Lower Upper

276 100

138 27.8 17.3 25.9#

277 34.7 18.8 28.2#

