

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017422.D
 Acq On : 28 Sep 2023 20:20
 Operator : MA/JU
 Sample : 04417-32
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN1

Quant Time: Sep 28 23:26:06 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)

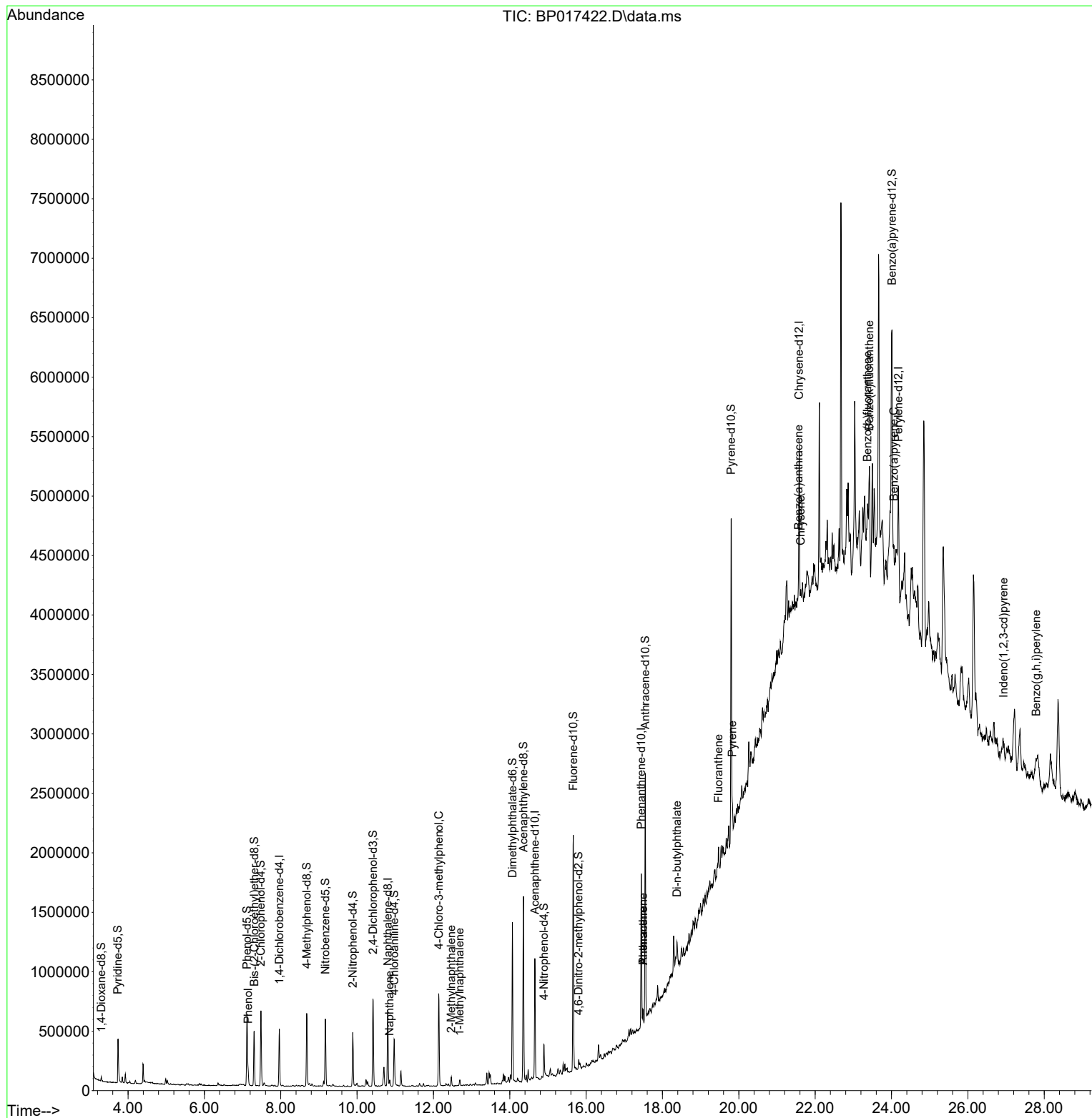
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	126711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	517521	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	322916	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	714041	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	629467	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	753279	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	17918	5.808	ng/uL	0.00
4) Pyridine-d5	3.734	84	213085	24.708	ng/ul	0.00
7) Phenol-d5	7.116	99	341163	32.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	198190	31.557	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	281420	34.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	230751	28.520	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	137527	36.759	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	147285	36.255	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	271632	35.391	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	228071	20.514	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	840551	36.336	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	972584	36.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	79472	19.719	ng/ul	0.00
60) Fluorene-d10	15.663	176	761884	38.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	15805	3.927	ng/ul	-0.01
73) Anthracene-d10	17.551	188	1172532	37.025	ng/ul	0.00
81) Pyrene-d10	19.798	212	1352593	39.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	1316513	36.299	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.146	94	66612	6.364	ng/ul	98
30) Naphthalene	10.852	128	36738	1.363	ng/ul	99
35) 4-Chloro-3-methylphenol	12.140	107	164810	21.668	ng/ul#	20
36) 2-Methylnaphthalene	12.469	142	32702	1.859	ng/ul	97
37) 1-Methylnaphthalene	12.687	142	21722	1.208	ng/ul	94
72) Phenanthrene	17.492	178	83789	2.240	ng/ul	97
74) Anthracene	17.492	178	85129	2.246	ng/ul	98
78) Di-n-butylphthalate	18.381	149	74439	2.008	ng/ul#	93
80) Fluoranthene	19.469	202	102564	2.584	ng/ul	98
82) Pyrene	19.828	202	112286	2.661	ng/ul	97
85) Benzo(a)anthracene	21.563	228	74643	1.757	ng/ul#	77
87) Chrysene	21.622	228	71539	1.789	ng/ul#	67
90) Benzo(b)fluoranthene	23.369	252	162273	3.654	ng/ul#	56
91) Benzo(k)fluoranthene	23.416	252	54638	1.219	ng/ul#	12
93) Benzo(a)pyrene	24.063	252	102400	2.410	ng/ul#	46
94) Indeno(1,2,3-cd)pyrene	26.933	276	105375	1.978	ng/ul#	81
96) Benzo(g,h,i)perylene	27.792	276	146401	3.409	ng/ul#	85

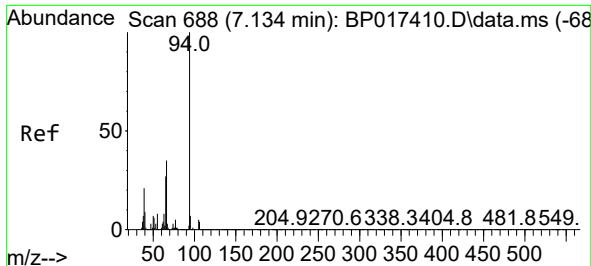
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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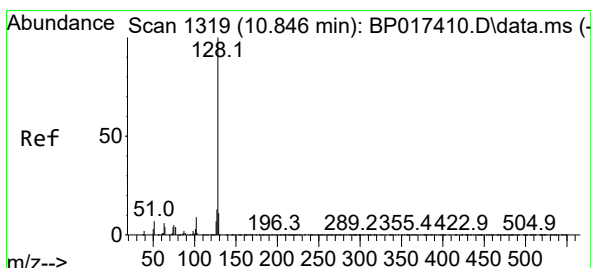
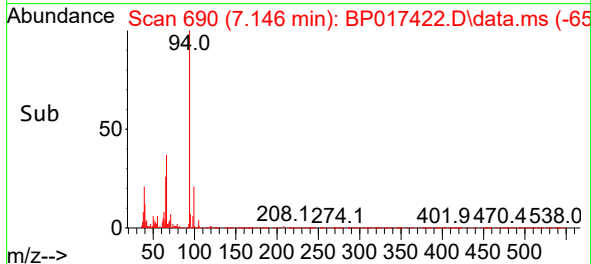
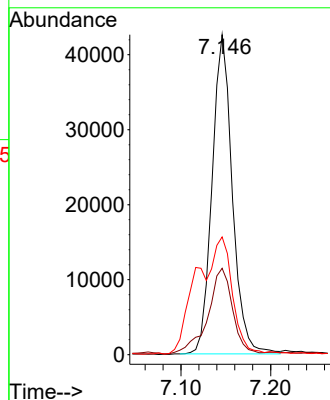
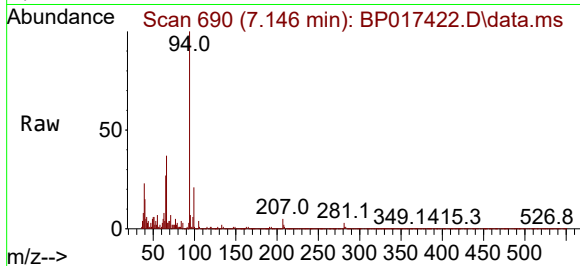




#8
Phenol
Concen: 6.364 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017422.D
Acq: 28 Sep 2023 20:20

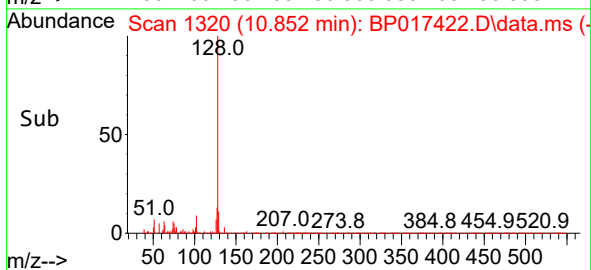
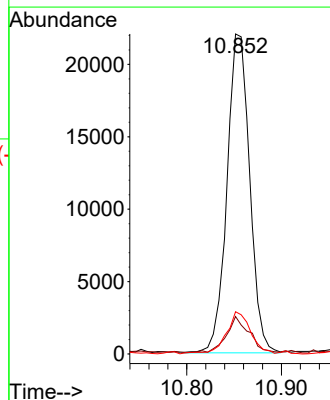
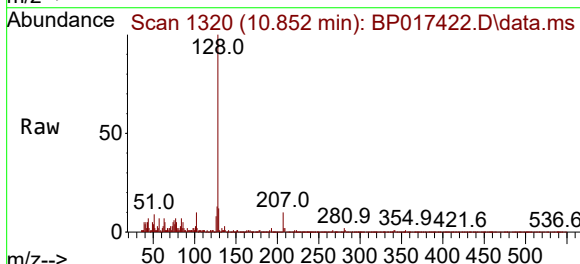
Instrument :
BNA_P
ClientSampleId :
EZYNI

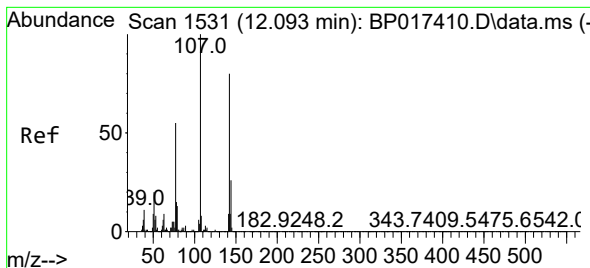
Tgt Ion: 94 Resp: 66612
Ion Ratio Lower Upper
94 100
65 27.0 21.4 32.2
66 36.8 28.2 42.2



#30
Naphthalene
Concen: 1.363 ng/ul
RT: 10.852 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP017422.D
Acq: 28 Sep 2023 20:20

Tgt Ion:128 Resp: 36738
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.2 10.6 15.8

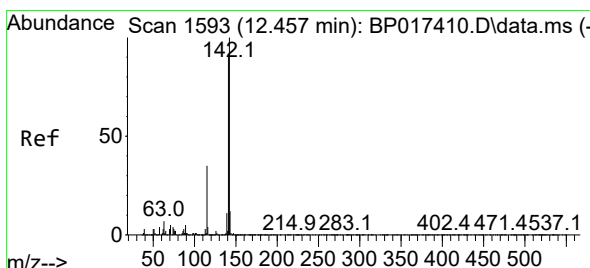
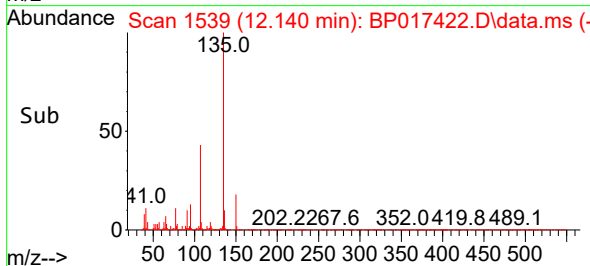
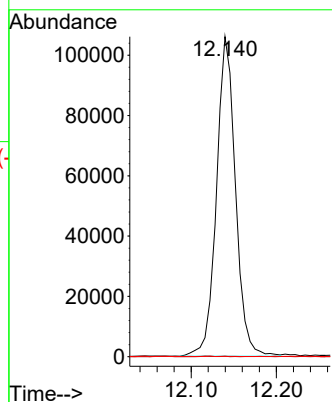
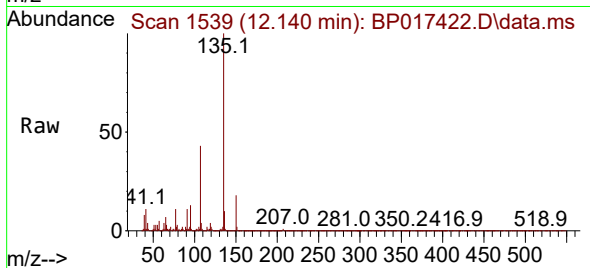




#35
4-Chloro-3-methylphenol
Concen: 21.668 ng/ul
RT: 12.140 min Scan# 1539
Delta R.T. 0.029 min
Lab File: BP017422.D
Acq: 28 Sep 2023 20:20

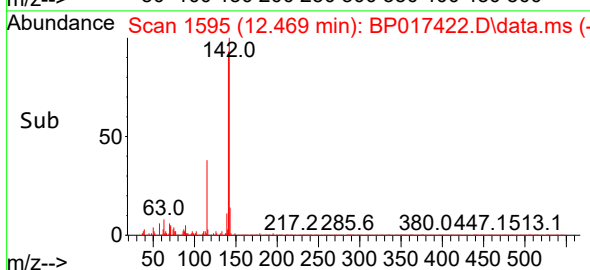
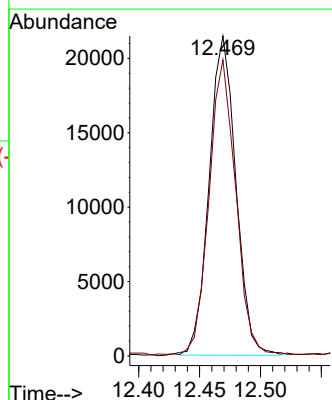
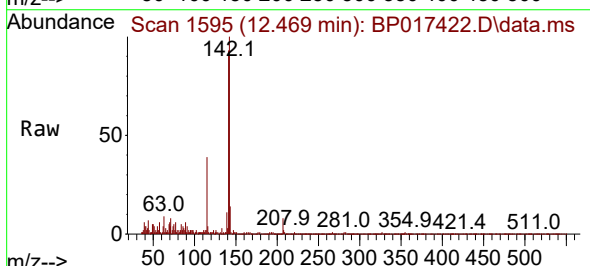
Instrument :
BNA_P
ClientSampleId :
EZYN1

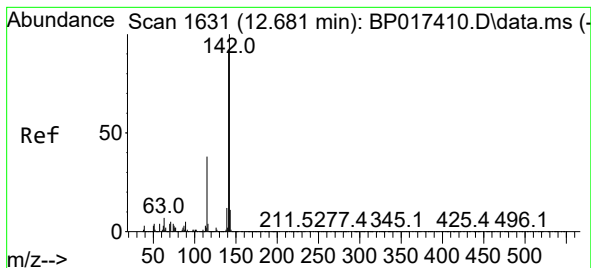
Tgt Ion:107 Resp: 164810
Ion Ratio Lower Upper
107 100
144 0.1 20.6 31.0#
142 0.1 62.9 94.3#



#36
2-Methylnaphthalene
Concen: 1.859 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP017422.D
Acq: 28 Sep 2023 20:20

Tgt Ion:142 Resp: 32702
Ion Ratio Lower Upper
142 100
141 92.6 71.9 107.9





#37

1-Methylnaphthalene

Concen: 1.208 ng/ul

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

Instrument :

BNA_P

ClientSampleId :

EZYN1

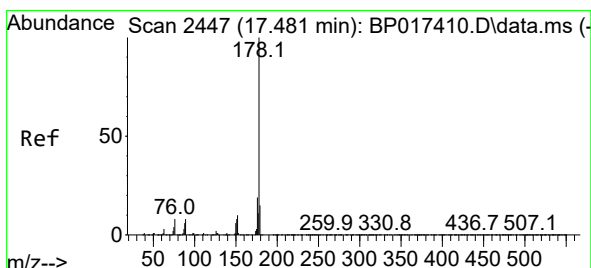
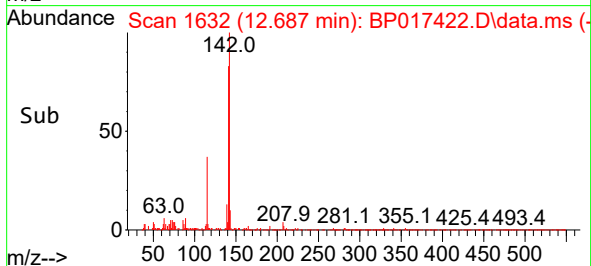
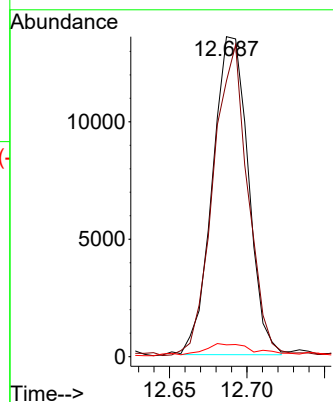
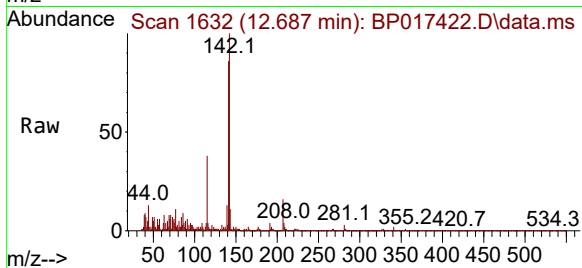
Tgt Ion:142 Resp: 21722

Ion Ratio Lower Upper

142 100

141 86.2 73.4 110.2

116 3.7 3.1 4.7



#72

Phenanthrene

Concen: 2.240 ng/ul

RT: 17.492 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

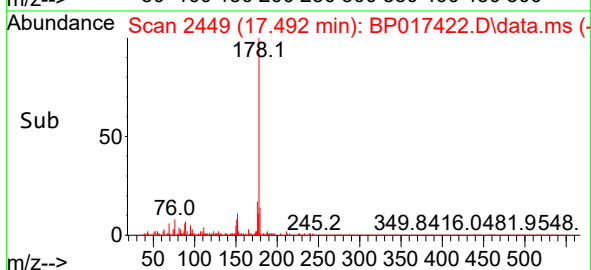
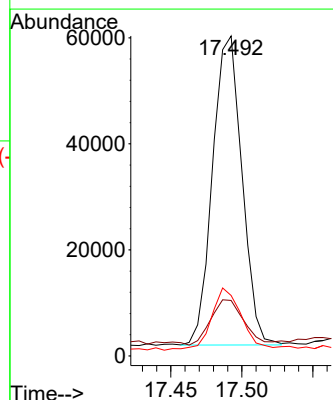
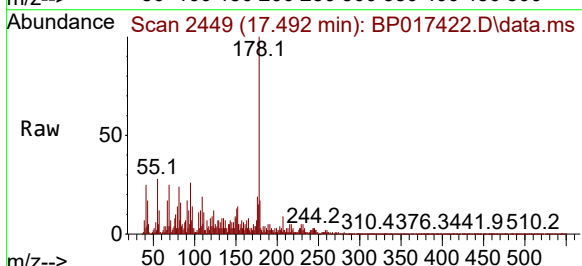
Tgt Ion:178 Resp: 83789

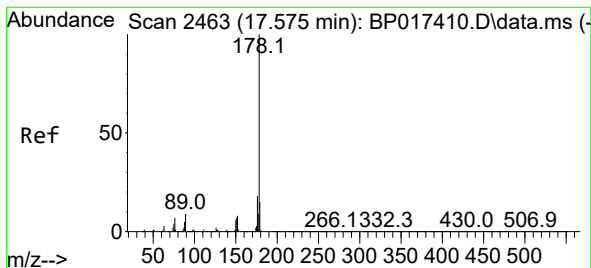
Ion Ratio Lower Upper

178 100

179 17.4 12.7 19.1

176 18.9 15.8 23.6





#74

Anthracene

Concen: 2.246 ng/ul

RT: 17.492 min Scan# 2463

Delta R.T. -0.094 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

Instrument :

BNA_P

ClientSampleId :

EZYN1

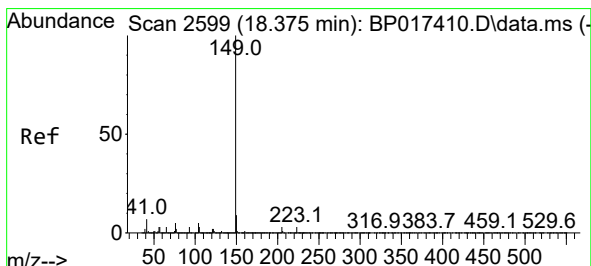
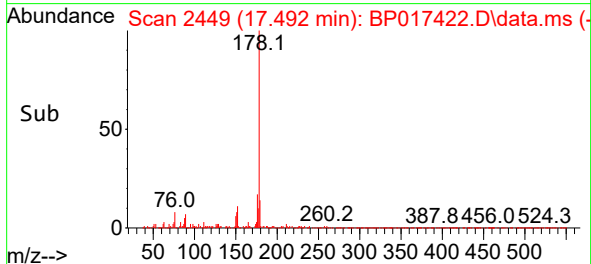
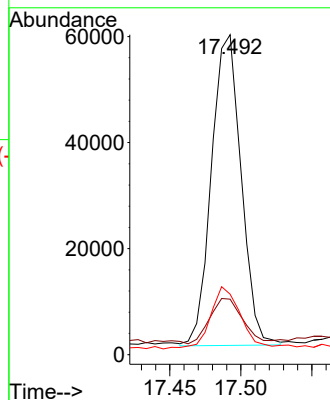
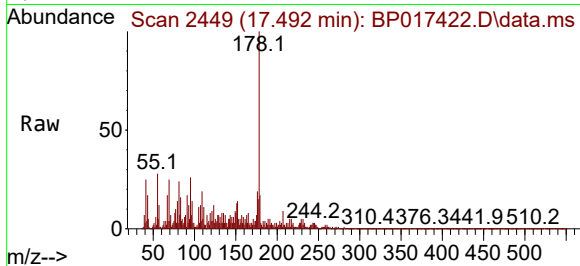
Tgt Ion:178 Resp: 85129

Ion Ratio Lower Upper

178 100

179 17.4 12.5 18.7

176 18.9 15.1 22.7



#78

Di-n-butylphthalate

Concen: 2.008 ng/ul

RT: 18.381 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

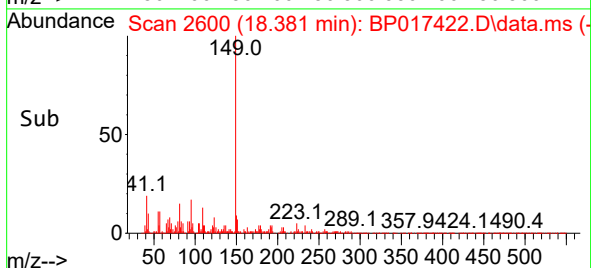
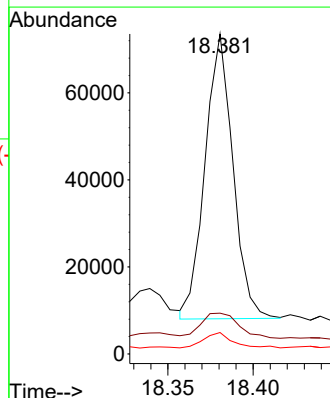
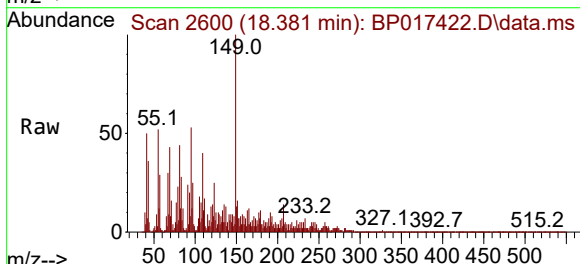
Tgt Ion:149 Resp: 74439

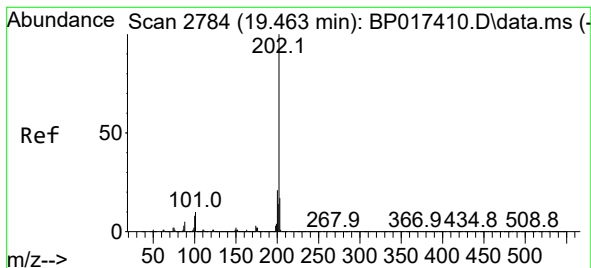
Ion Ratio Lower Upper

149 100

150 12.8 7.5 11.3#

104 6.7 4.5 6.7





#80

Fluoranthene

Concen: 2.584 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

Instrument :

BNA_P

ClientSampleId :

EZYN1

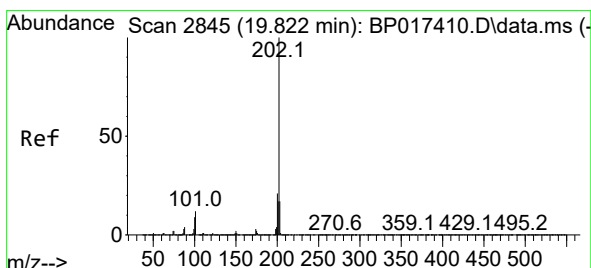
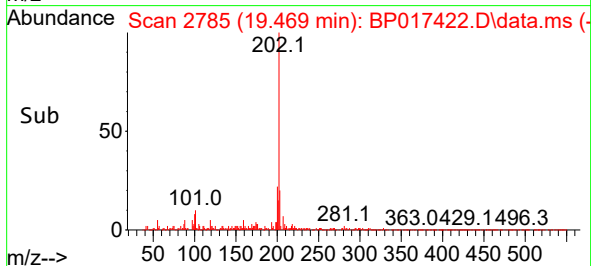
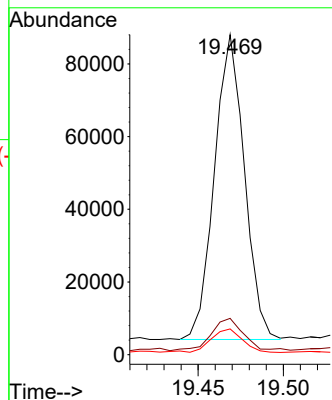
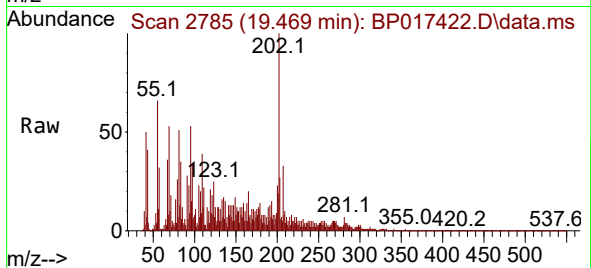
Tgt Ion:202 Resp: 102564

Ion Ratio Lower Upper

202 100

101 11.4 8.4 12.6

100 8.1 6.6 10.0



#82

Pyrene

Concen: 2.661 ng/ul

RT: 19.828 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

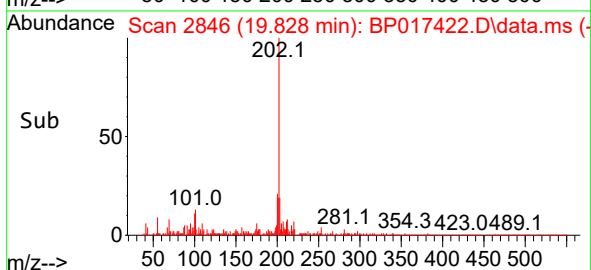
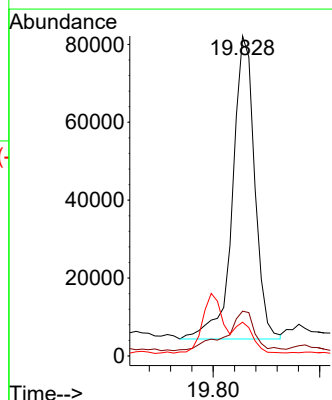
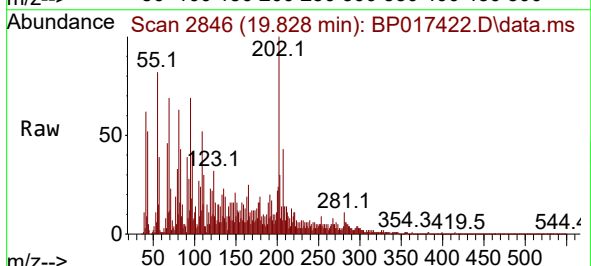
Tgt Ion:202 Resp: 112286

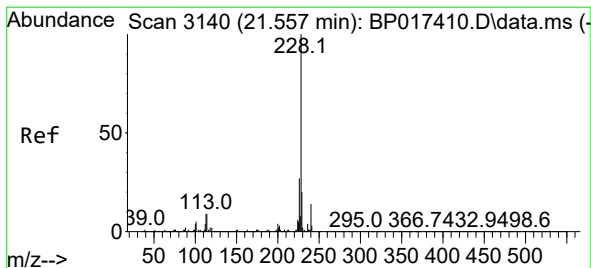
Ion Ratio Lower Upper

202 100

101 14.0 9.8 14.8

100 10.6 8.1 12.1





#85

Benzo(a)anthracene

Concen: 1.757 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP017422.D

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EZYN1

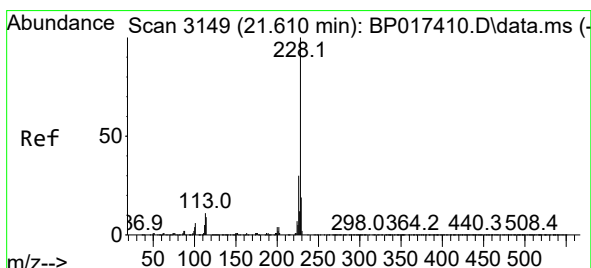
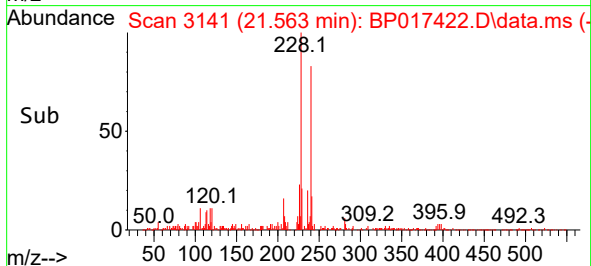
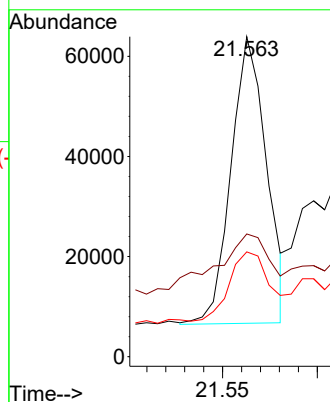
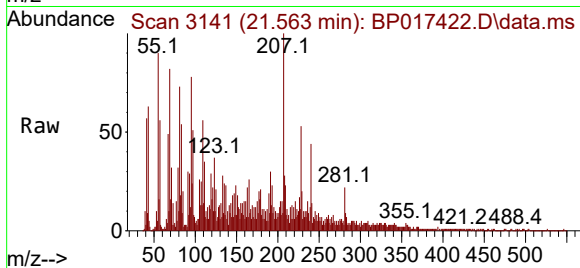
Tgt Ion:228 Resp: 74643

Ion Ratio Lower Upper

228 100

229 38.4 15.8 23.6#

226 32.7 21.8 32.8



#87

Chrysene

Concen: 1.789 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

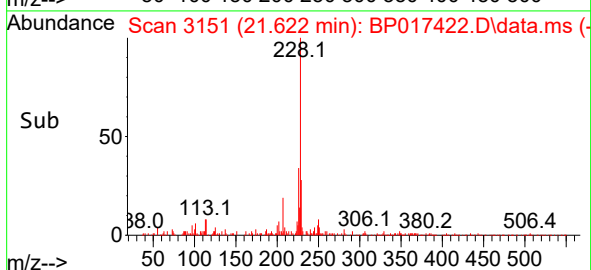
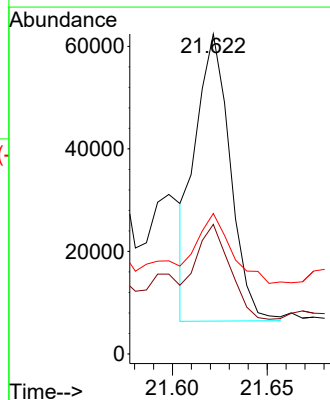
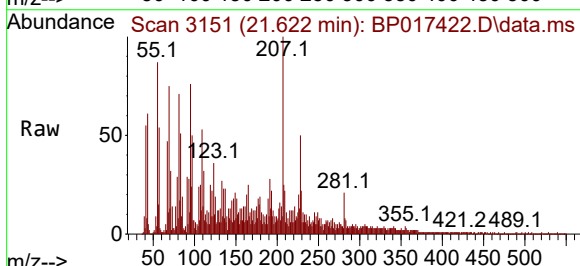
Tgt Ion:228 Resp: 71539

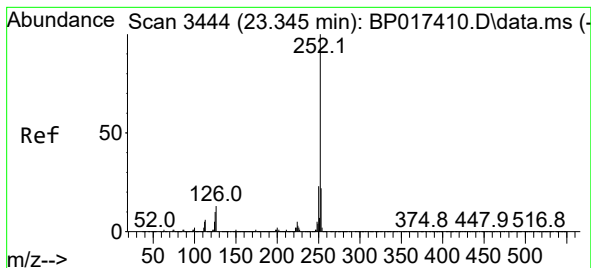
Ion Ratio Lower Upper

228 100

226 40.5 24.1 36.1#

229 43.9 15.0 22.6#





#90

Benzo(b)fluoranthene

Concen: 3.654 ng/ul

RT: 23.369 min Scan# 3444

Delta R.T. 0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

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BNA_P

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EZYN1

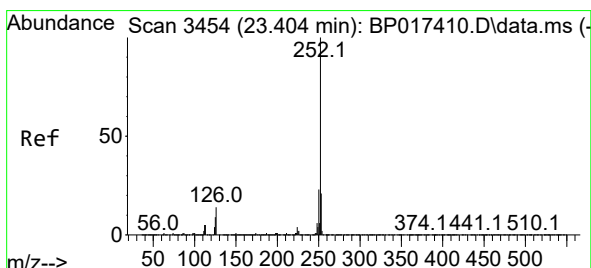
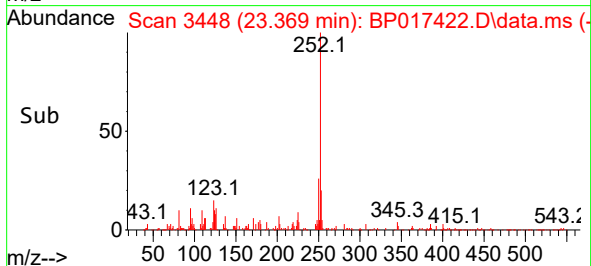
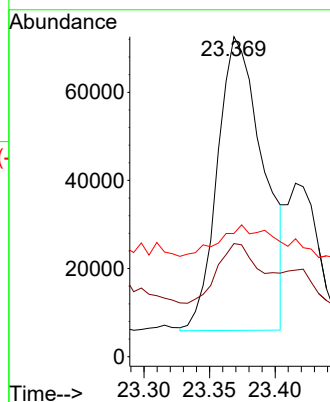
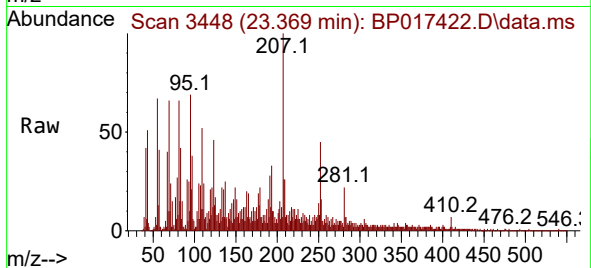
Tgt Ion:252 Resp: 162273

Ion Ratio Lower Upper

252 100

253 35.3 17.4 26.0#

125 38.5 7.8 11.8#



#91

Benzo(k)fluoranthene

Concen: 1.219 ng/ul

RT: 23.416 min Scan# 3456

Delta R.T. -0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

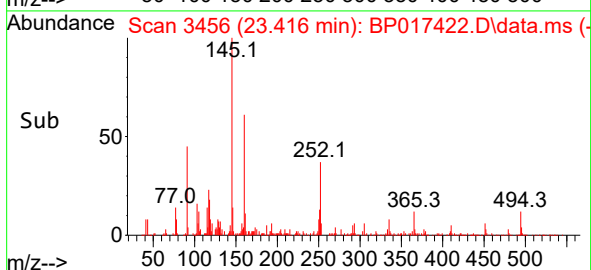
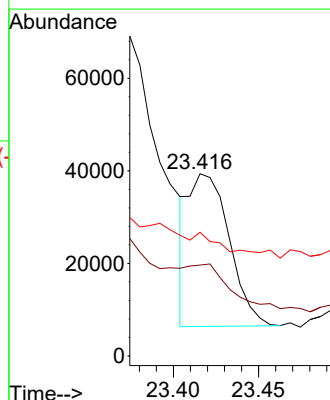
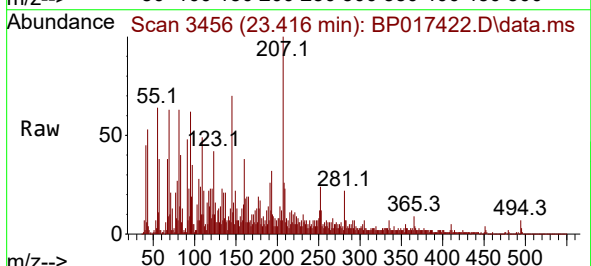
Tgt Ion:252 Resp: 54638

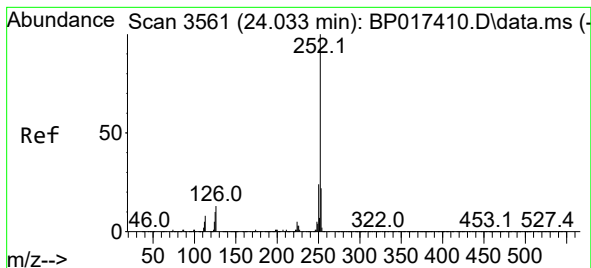
Ion Ratio Lower Upper

252 100

253 49.9 17.9 26.9#

125 67.9 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 2.410 ng/ul

RT: 24.063 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

Instrument :

BNA_P

ClientSampleId :

EZYN1

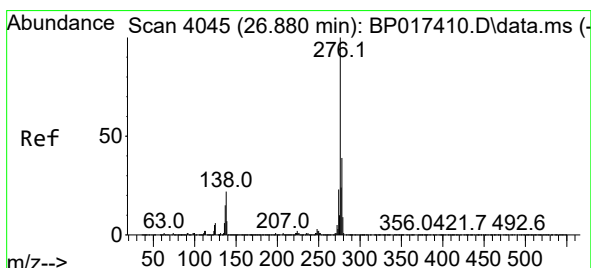
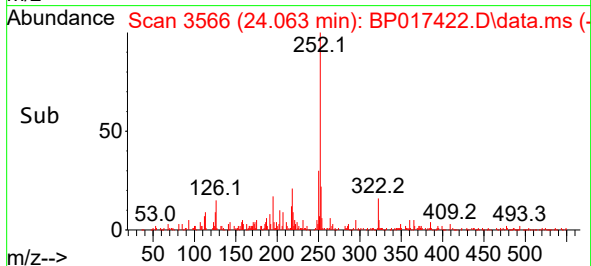
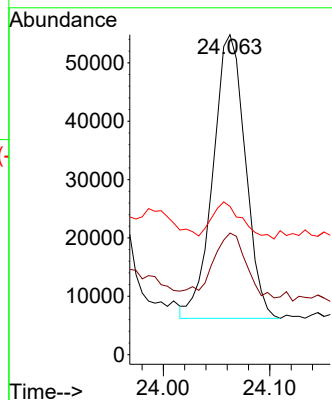
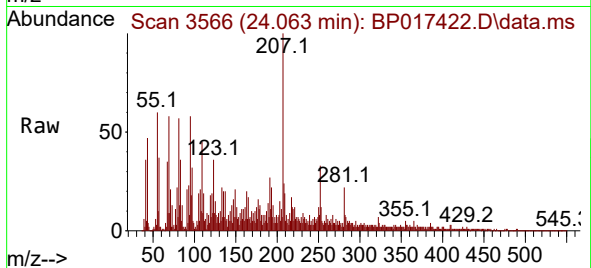
Tgt Ion:252 Resp: 102400

Ion Ratio Lower Upper

252 100

253 38.0 17.4 26.0#

125 46.3 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.978 ng/ul

RT: 26.933 min Scan# 4054

Delta R.T. 0.006 min

Lab File: BP017422.D

Acq: 28 Sep 2023 20:20

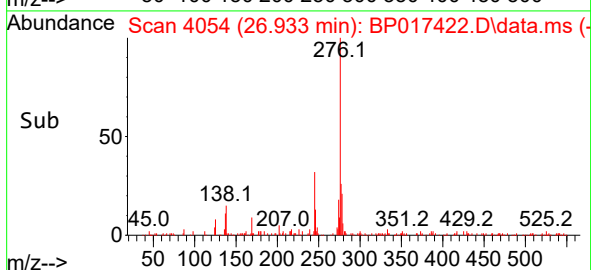
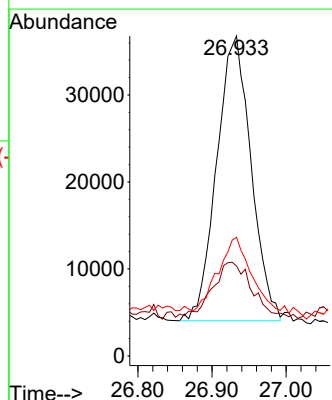
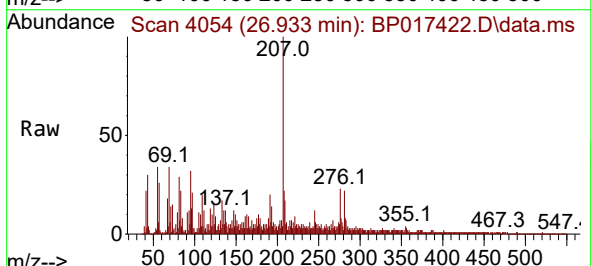
Tgt Ion:276 Resp: 105375

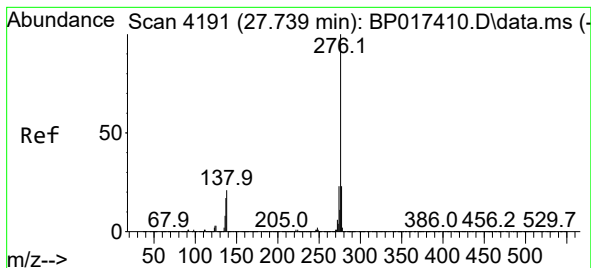
Ion Ratio Lower Upper

276 100

138 28.1 17.9 26.9#

277 37.1 19.5 29.3#





#96

Benzo(g,h,i)perylene

Concen: 3.409 ng/ul

RT: 27.792 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP017422.D

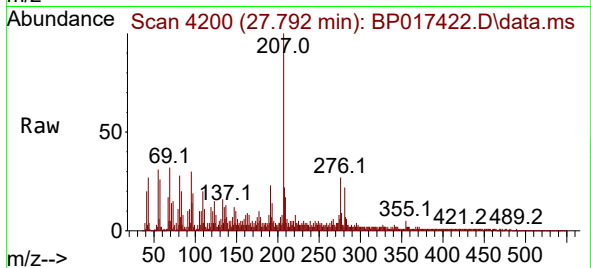
Acq: 28 Sep 2023 20:20

Instrument :

BNA_P

ClientSampleId :

EZYN1



Tgt Ion:276 Resp: 146401

Ion Ratio Lower Upper

276 100

138 27.2 17.3 25.9#

277 32.4 18.8 28.2#

