

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017355.D
 Acq On : 26 Sep 2023 11:08
 Operator : MA/JU
 Sample : 04472-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYM8

Quant Time: Sep 27 00:26:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

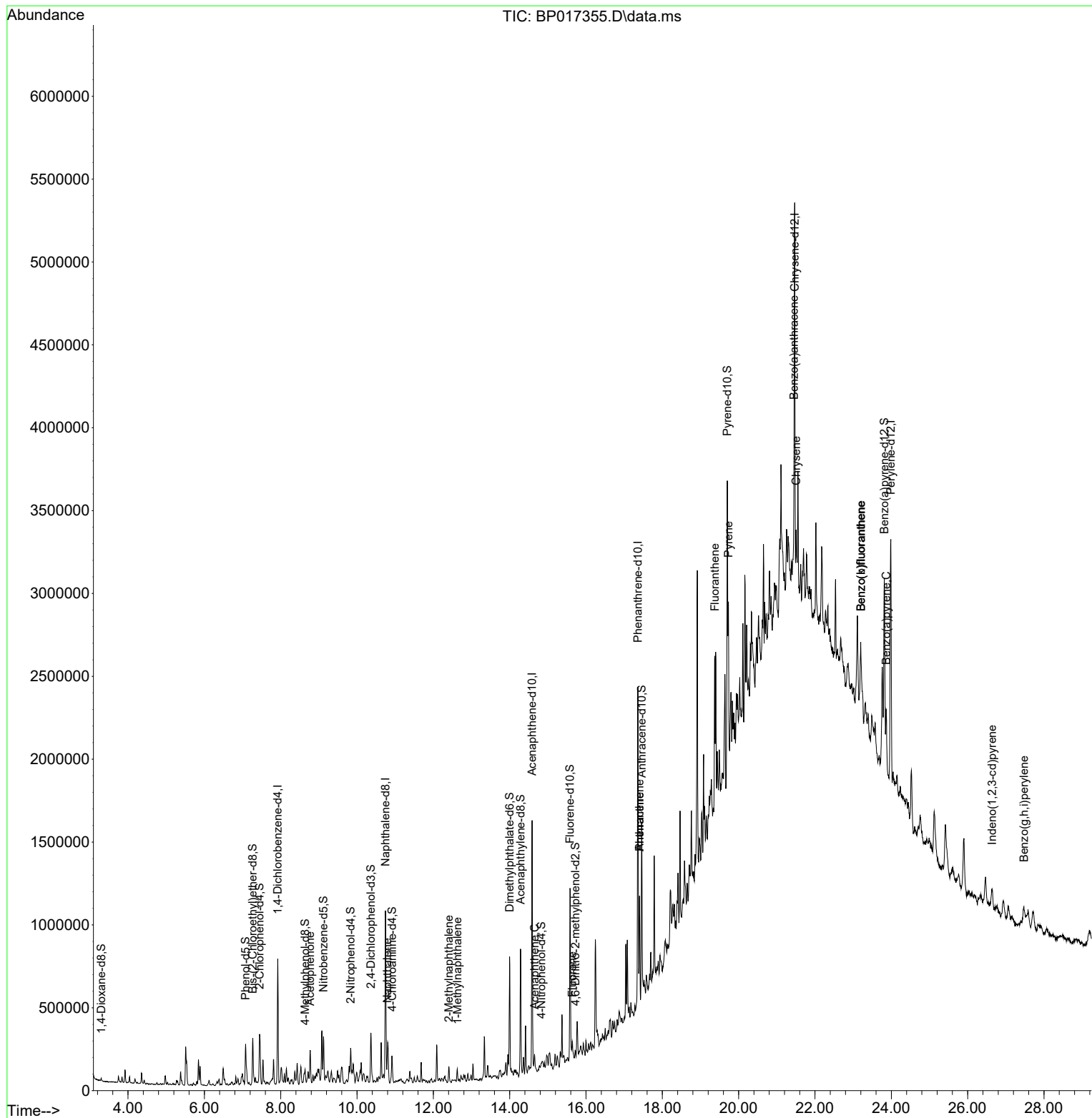
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	191606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	794567	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	491864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1100263	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1005539	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1159510	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	8078	1.732	ng/uL	0.00
4) Pyridine-d5	3.722	84	382	0.029	ng/ul	0.00
7) Phenol-d5	7.081	99	133714	8.497	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	110227	11.607	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	122576	9.821	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	28578	2.336	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	64075	11.155	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	61577	9.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	96229	8.166	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	70834	4.150	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	431403	12.243	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	467200	11.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	13155	2.143	ng/ul	0.01
60) Fluorene-d10	15.581	176	399235	13.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	10109	1.630	ng/ul	0.00
73) Anthracene-d10	17.457	188	618014	12.665	ng/ul	0.00
81) Pyrene-d10	19.704	212	776194	14.274	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	733847	13.145	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.775	105	103872	5.494	ng/ul	99
30) Naphthalene	10.799	128	126795	3.065	ng/ul	99
36) 2-Methylnaphthalene	12.404	142	42523	1.575	ng/ul	97
37) 1-Methylnaphthalene	12.628	142	32075	1.162	ng/ul#	97
52) Acenaphthene	14.651	153	36809	1.176	ng/ul	98
61) Fluorene	15.639	166	45771	1.314	ng/ul	98
72) Phenanthrene	17.404	178	391980	6.802	ng/ul	99
74) Anthracene	17.404	178	392425	6.719	ng/ul	99
80) Fluoranthene	19.375	202	547732	8.637	ng/ul	99
82) Pyrene	19.733	202	528395	7.838	ng/ul	99
85) Benzo(a)anthracene	21.451	228	242093	3.567	ng/ul#	92
87) Chrysene	21.504	228	249139	3.901	ng/ul#	91
90) Benzo(b)fluoranthene	23.204	252	309592	4.529	ng/ul#	85
91) Benzo(k)fluoranthene	23.204	252	309592	4.489	ng/ul#	87
93) Benzo(a)pyrene	23.868	252	210894	3.224	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	26.639	276	140219	1.710	ng/ul	98
96) Benzo(g,h,i)perylene	27.474	276	139053	2.103	ng/ul	94

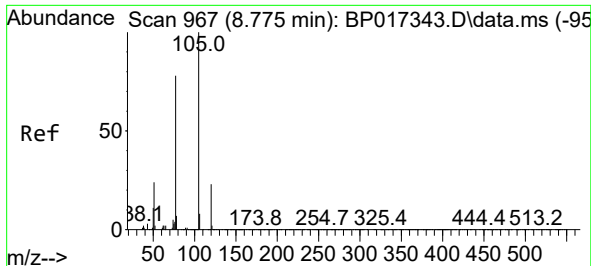
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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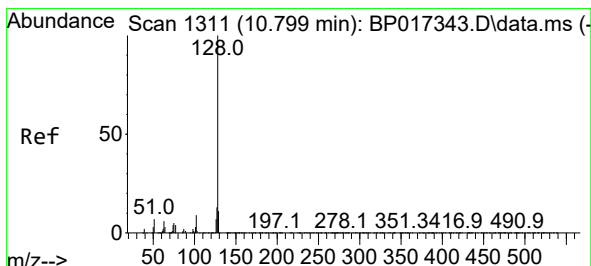
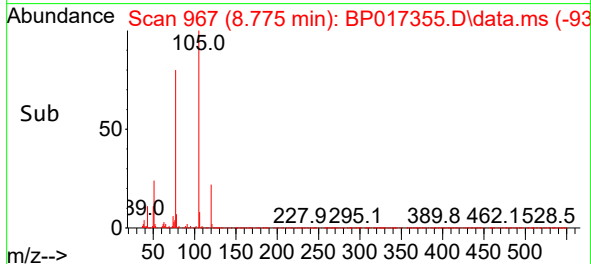
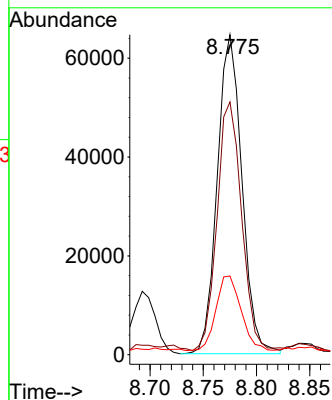
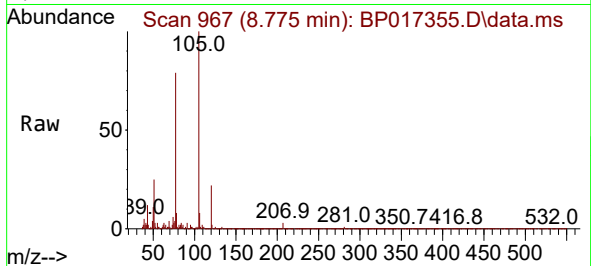




#16
Acetophenone
Concen: 5.494 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

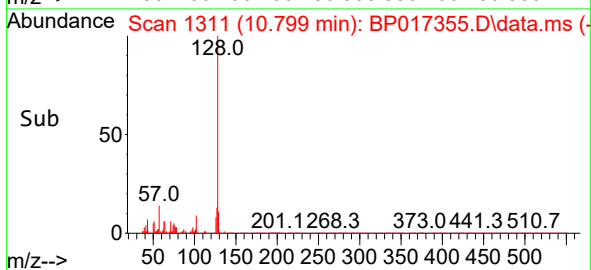
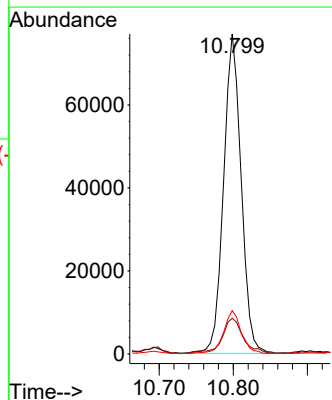
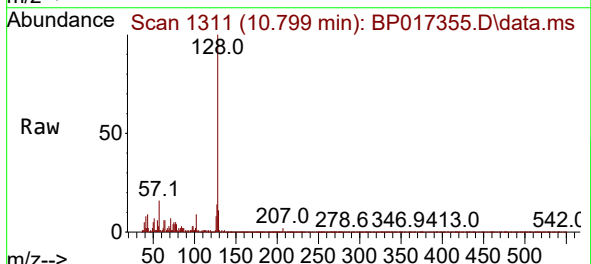
Instrument :
BNA_P
ClientSampleId :
EZY8

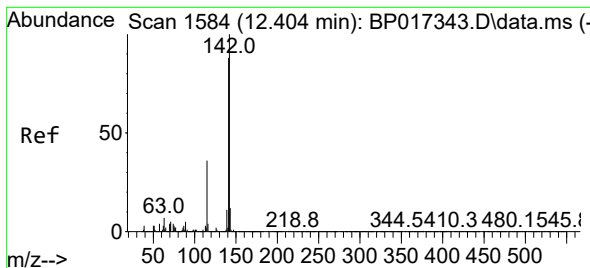
Tgt Ion:105 Resp: 103872
Ion Ratio Lower Upper
105 100
77 79.0 63.6 95.4
51 24.6 19.2 28.8



#30
Naphthalene
Concen: 3.065 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

Tgt Ion:128 Resp: 126795
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.6 15.8

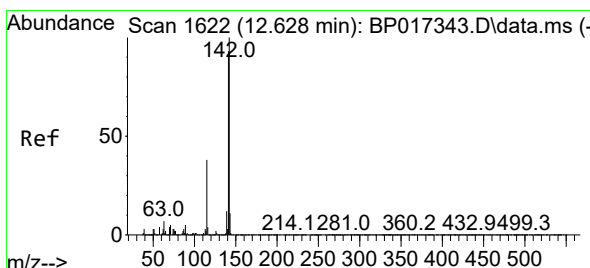
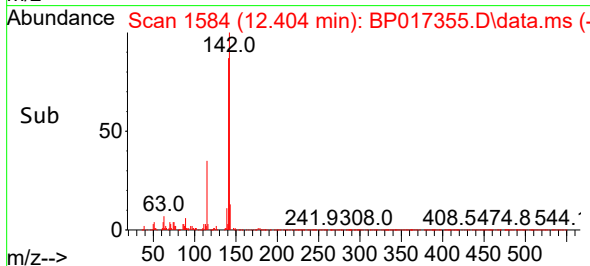
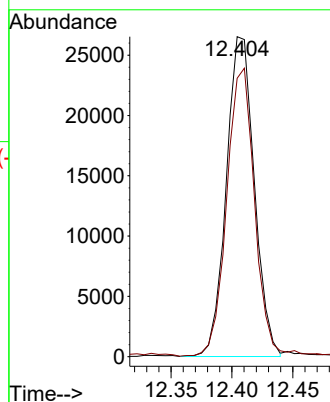
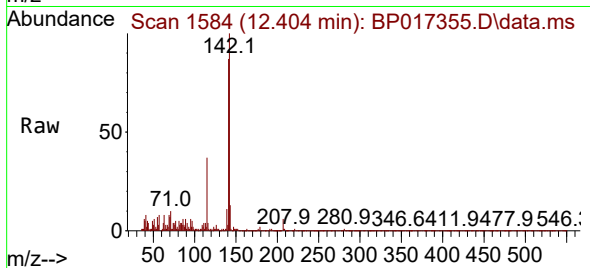




#36
2-Methylnaphthalene
Concen: 1.575 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

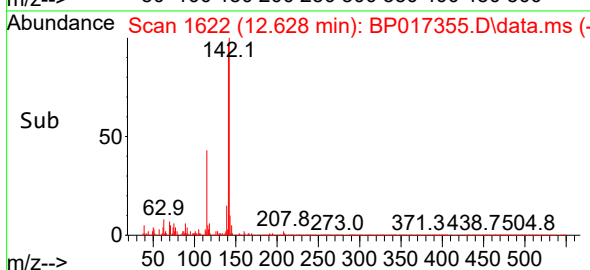
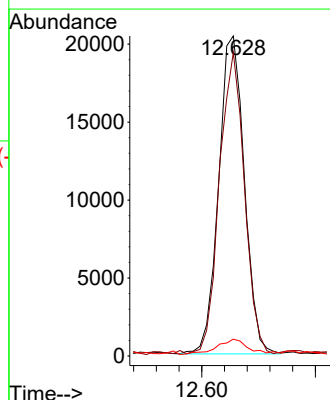
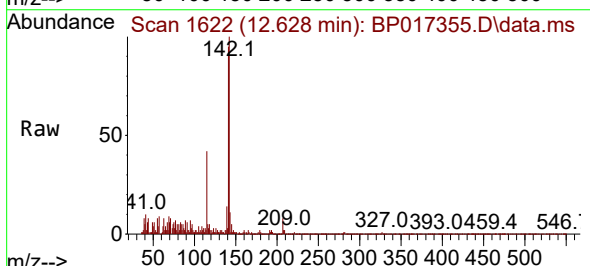
Instrument :
BNA_P
ClientSampleId :
EZY8

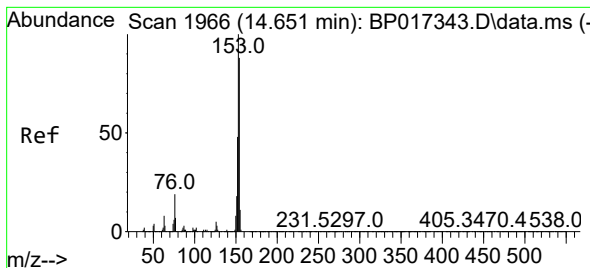
Tgt Ion:142 Resp: 42523
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9



#37
1-Methylnaphthalene
Concen: 1.162 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

Tgt Ion:142 Resp: 32075
Ion Ratio Lower Upper
142 100
141 94.9 73.4 110.2
116 5.3 3.1 4.7#





#52

Acenaphthene

Concen: 1.176 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Instrument :

BNA_P

ClientSampleId :

EZYM8

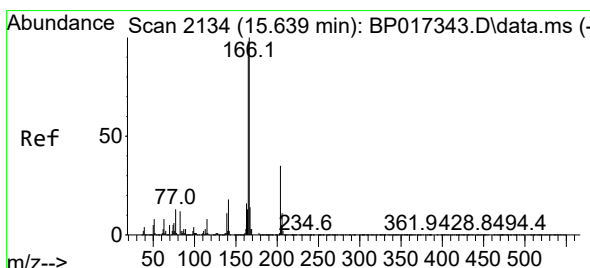
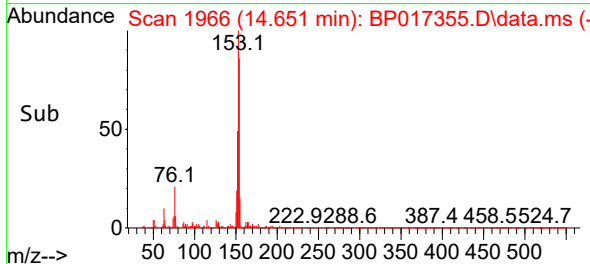
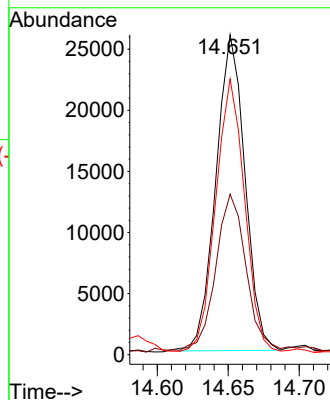
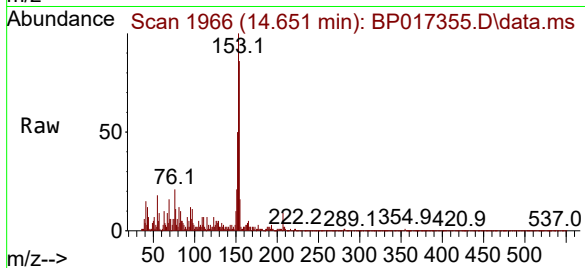
Tgt Ion:153 Resp: 36809

Ion Ratio Lower Upper

153 100

152 50.1 38.0 57.0

154 86.1 70.1 105.1



#61

Fluorene

Concen: 1.314 ng/ul

RT: 15.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

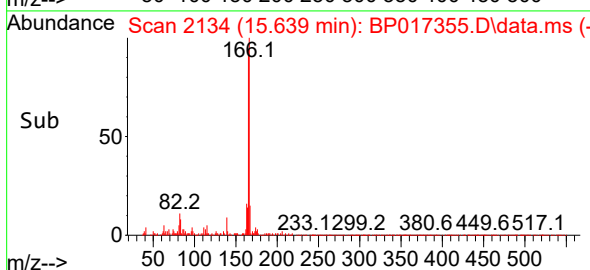
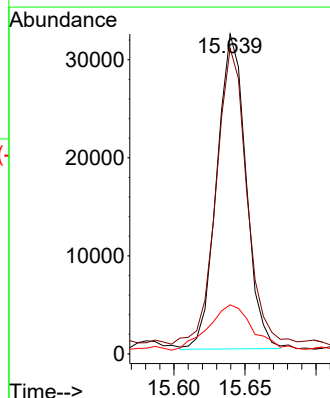
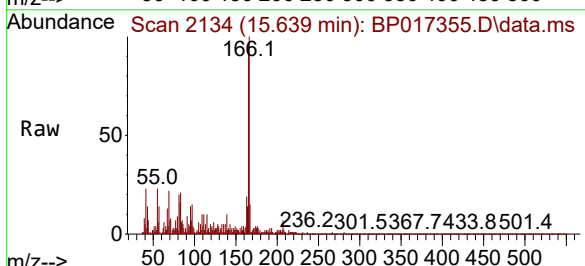
Tgt Ion:166 Resp: 45771

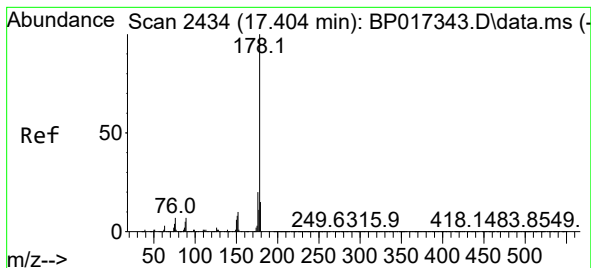
Ion Ratio Lower Upper

166 100

165 95.6 77.8 116.6

167 15.4 10.9 16.3





#72

Phenanthrene

Concen: 6.802 ng/ul

RT: 17.404 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Instrument :

BNA_P

ClientSampleId :

EZYM8

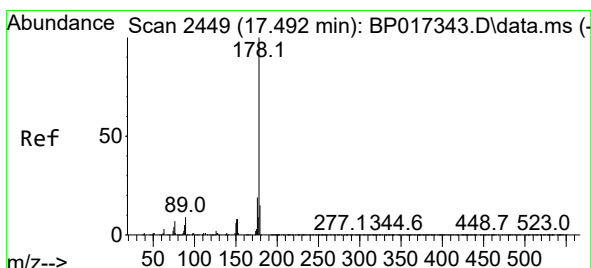
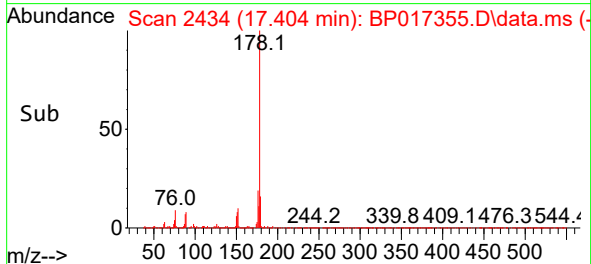
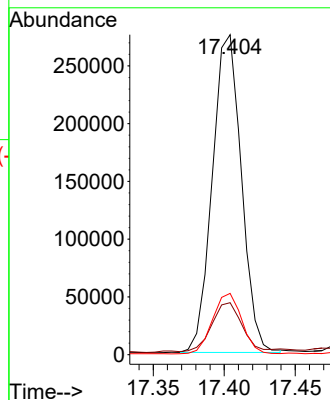
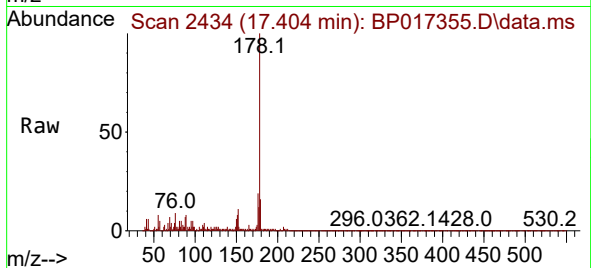
Tgt Ion:178 Resp: 391980

Ion Ratio Lower Upper

178 100

179 16.2 12.7 19.1

176 19.2 15.8 23.6



#74

Anthracene

Concen: 6.719 ng/ul

RT: 17.404 min Scan# 2434

Delta R.T. -0.088 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

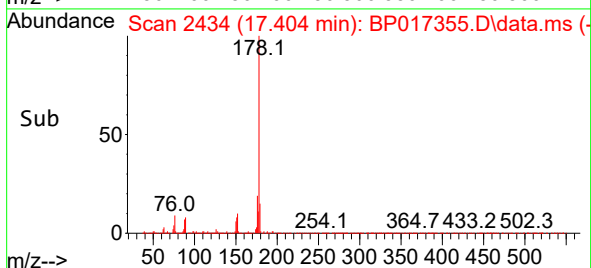
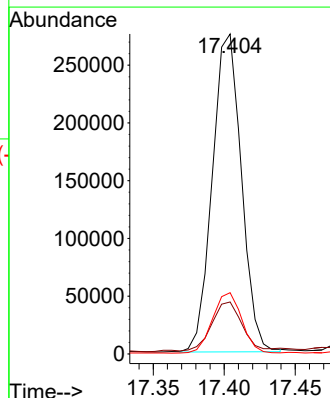
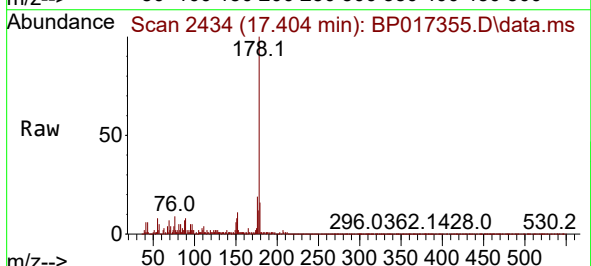
Tgt Ion:178 Resp: 392425

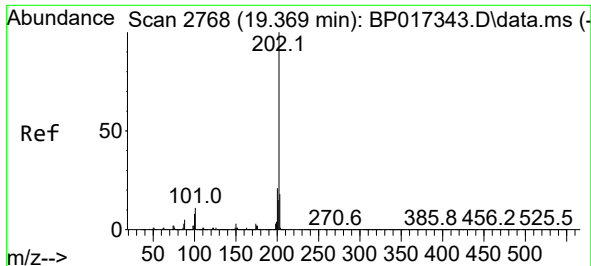
Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 19.2 15.1 22.7

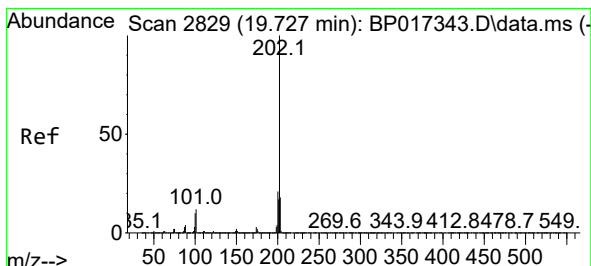
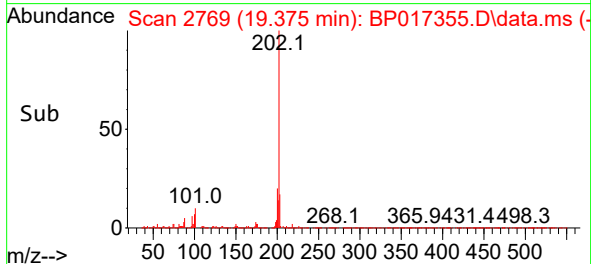
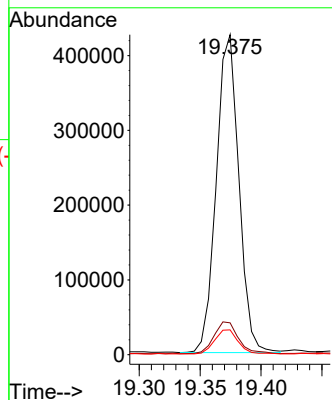
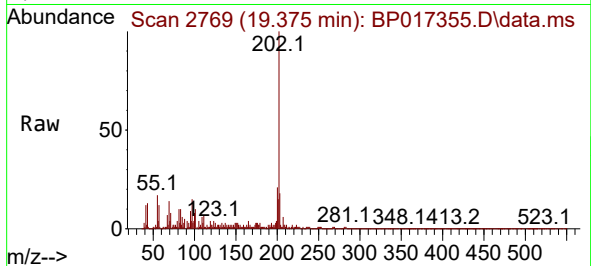




#80
Fluoranthene
Concen: 8.637 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

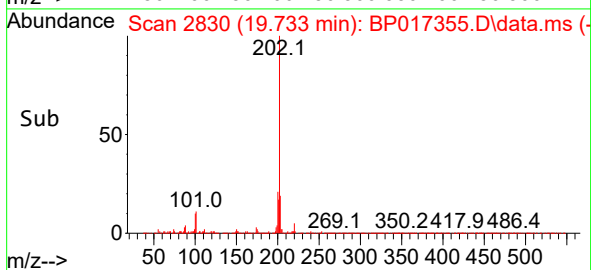
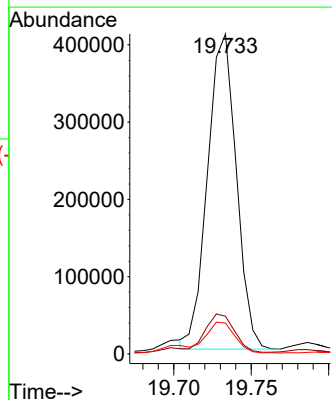
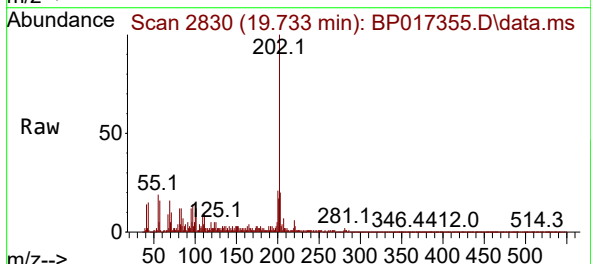
Instrument :
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ClientSampleId :
EZY8

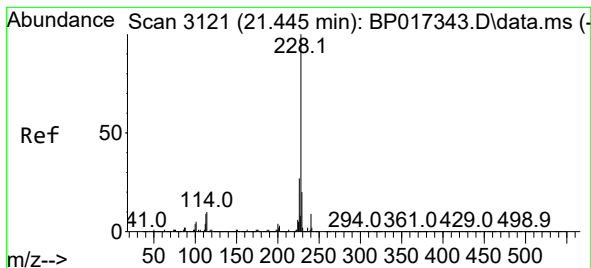
Tgt Ion:202 Resp: 547732
Ion Ratio Lower Upper
202 100
101 10.0 8.4 12.6
100 7.7 6.6 10.0



#82
Pyrene
Concen: 7.838 ng/ul
RT: 19.733 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

Tgt Ion:202 Resp: 528395
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.7 8.1 12.1





#85

Benzo(a)anthracene

Concen: 3.567 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Instrument :

BNA_P

ClientSampleId :

EZYM8

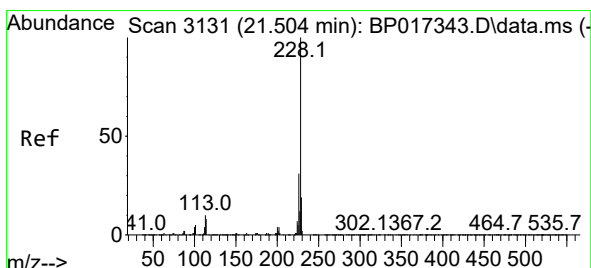
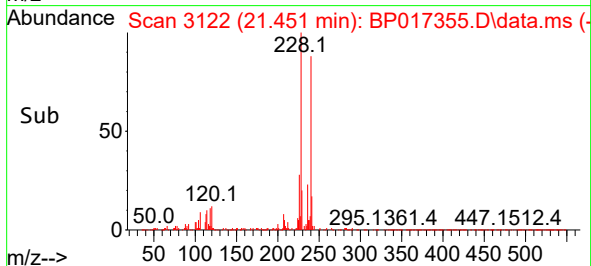
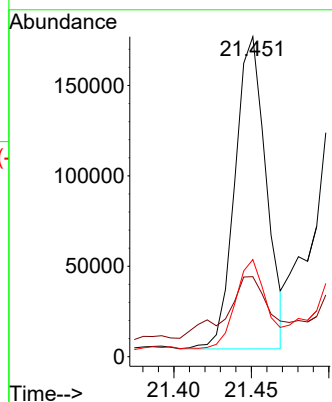
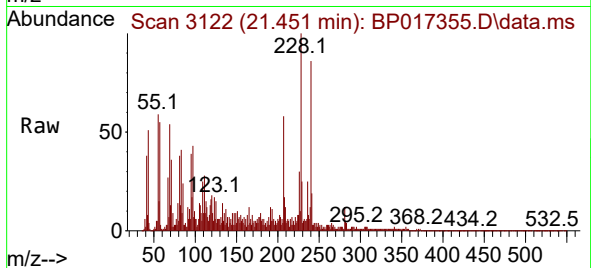
Tgt Ion:228 Resp: 242093

Ion Ratio Lower Upper

228 100

229 25.0 15.8 23.6#

226 30.4 21.8 32.8



#87

Chrysene

Concen: 3.901 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

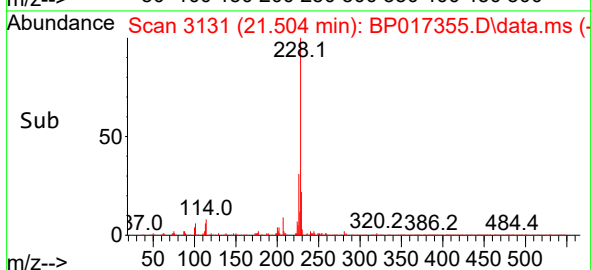
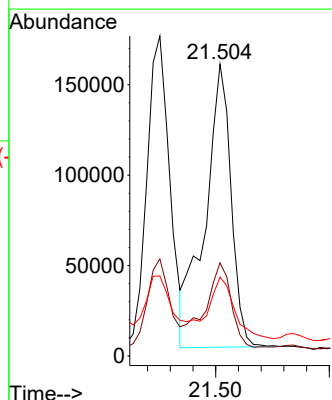
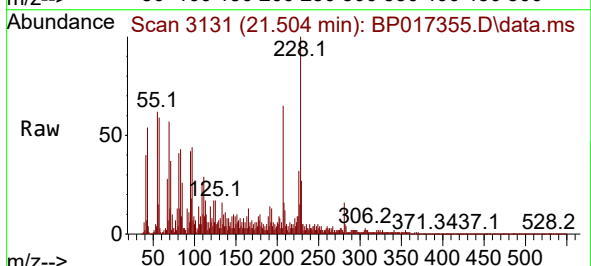
Tgt Ion:228 Resp: 249139

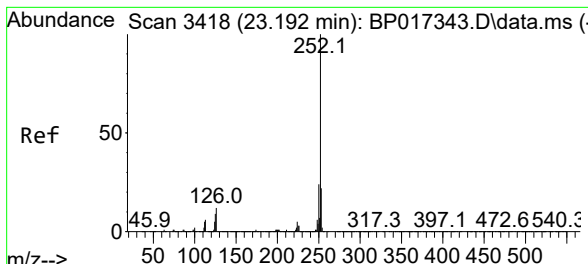
Ion Ratio Lower Upper

228 100

226 31.9 24.1 36.1

229 27.0 15.0 22.6#

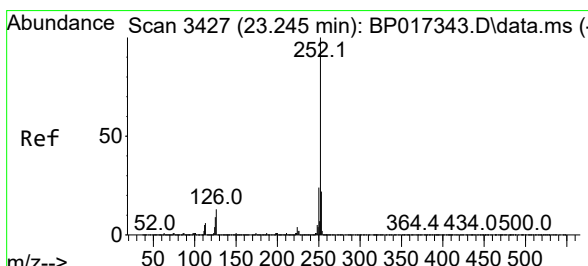
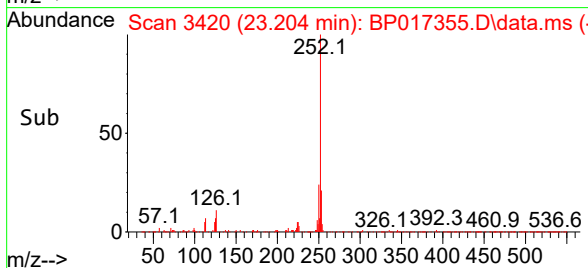
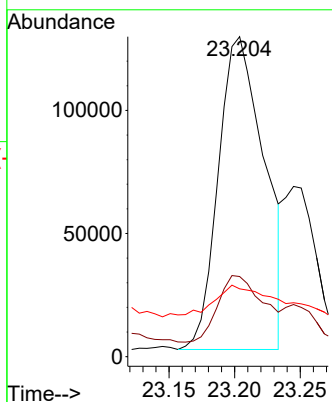
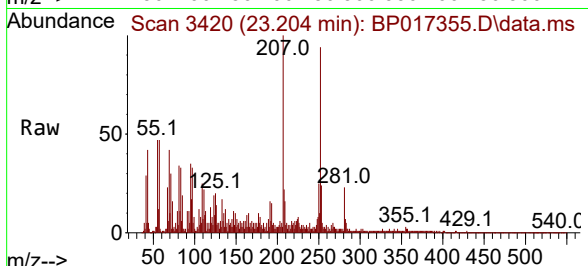




#90
Benzo(b)fluoranthene
Concen: 4.529 ng/ul
RT: 23.204 min Scan# 3418
Delta R.T. 0.012 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

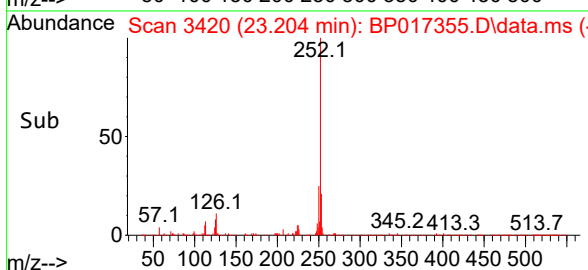
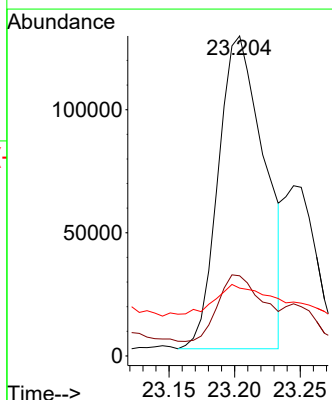
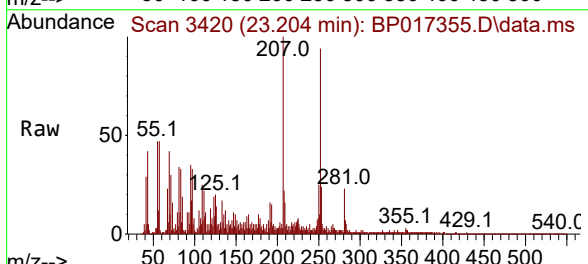
Instrument :
BNA_P
ClientSampleId :
EZY8

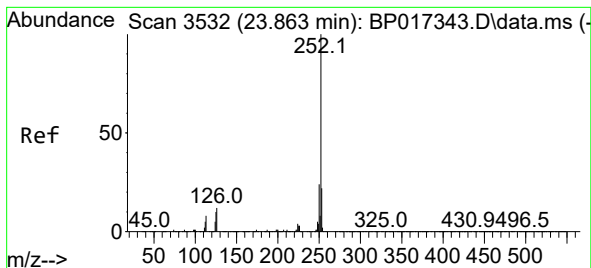
Tgt Ion:252 Resp: 309592
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 21.2 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 4.489 ng/ul
RT: 23.204 min Scan# 3420
Delta R.T. -0.041 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

Tgt Ion:252 Resp: 309592
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 21.2 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 3.224 ng/ul

RT: 23.868 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Instrument :

BNA_P

ClientSampleId :

EZYM8

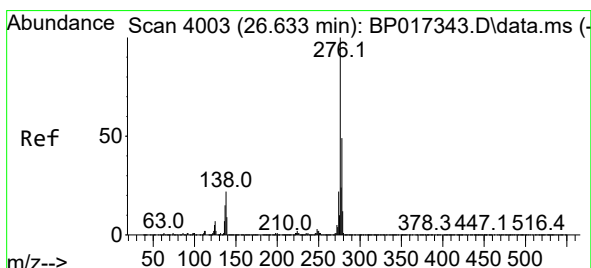
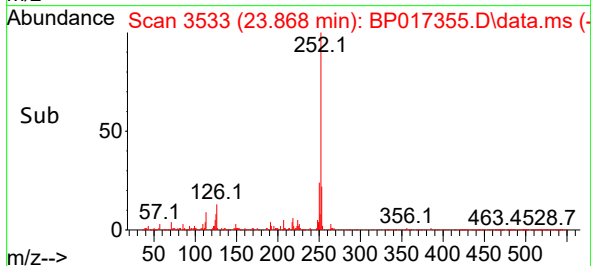
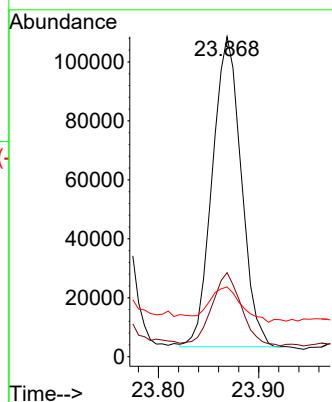
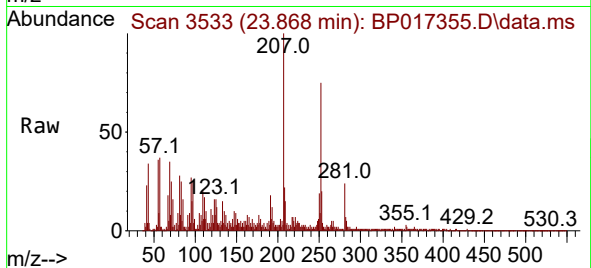
Tgt Ion:252 Resp: 210894

Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.0#

125 21.8 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.710 ng/ul

RT: 26.639 min Scan# 4004

Delta R.T. 0.006 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

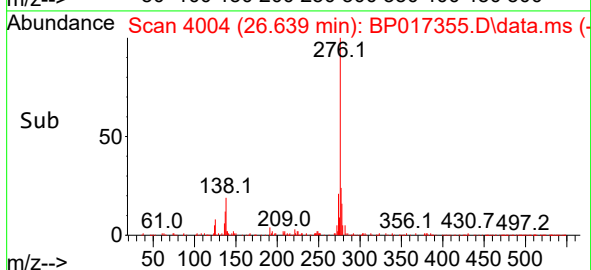
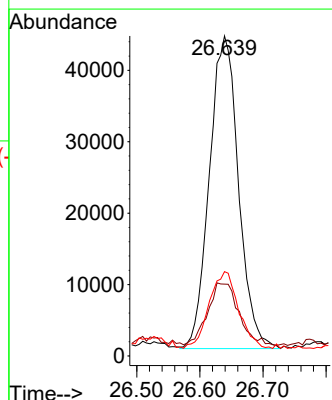
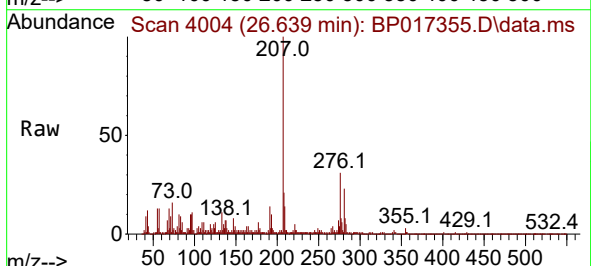
Tgt Ion:276 Resp: 140219

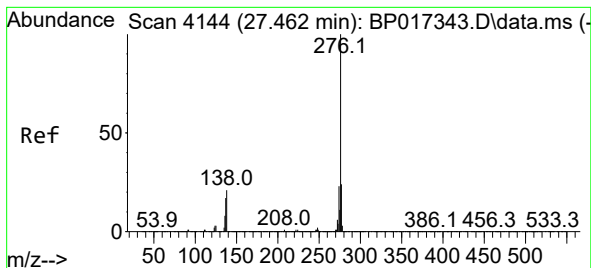
Ion Ratio Lower Upper

276 100

138 22.4 17.9 26.9

277 26.4 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 2.103 ng/ul

RT: 27.474 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP017355.D

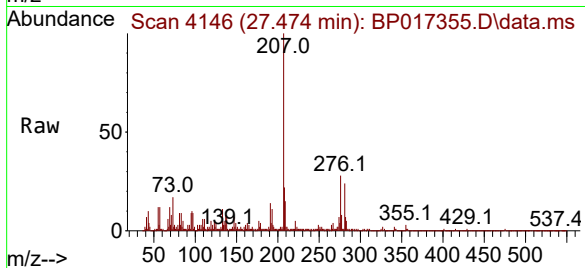
Acq: 26 Sep 2023 11:08

Instrument :

BNA_P

ClientSampleId :

EZYM8



Tgt Ion:276 Resp: 139053

Ion Ratio Lower Upper

276 100

138 24.1 17.3 25.9

277 26.9 18.8 28.2

