

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017514.D
 Acq On : 03 Oct 2023 13:15
 Operator : MA/JU
 Sample : 04417-34
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN3

Quant Time: Oct 03 23:27:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

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

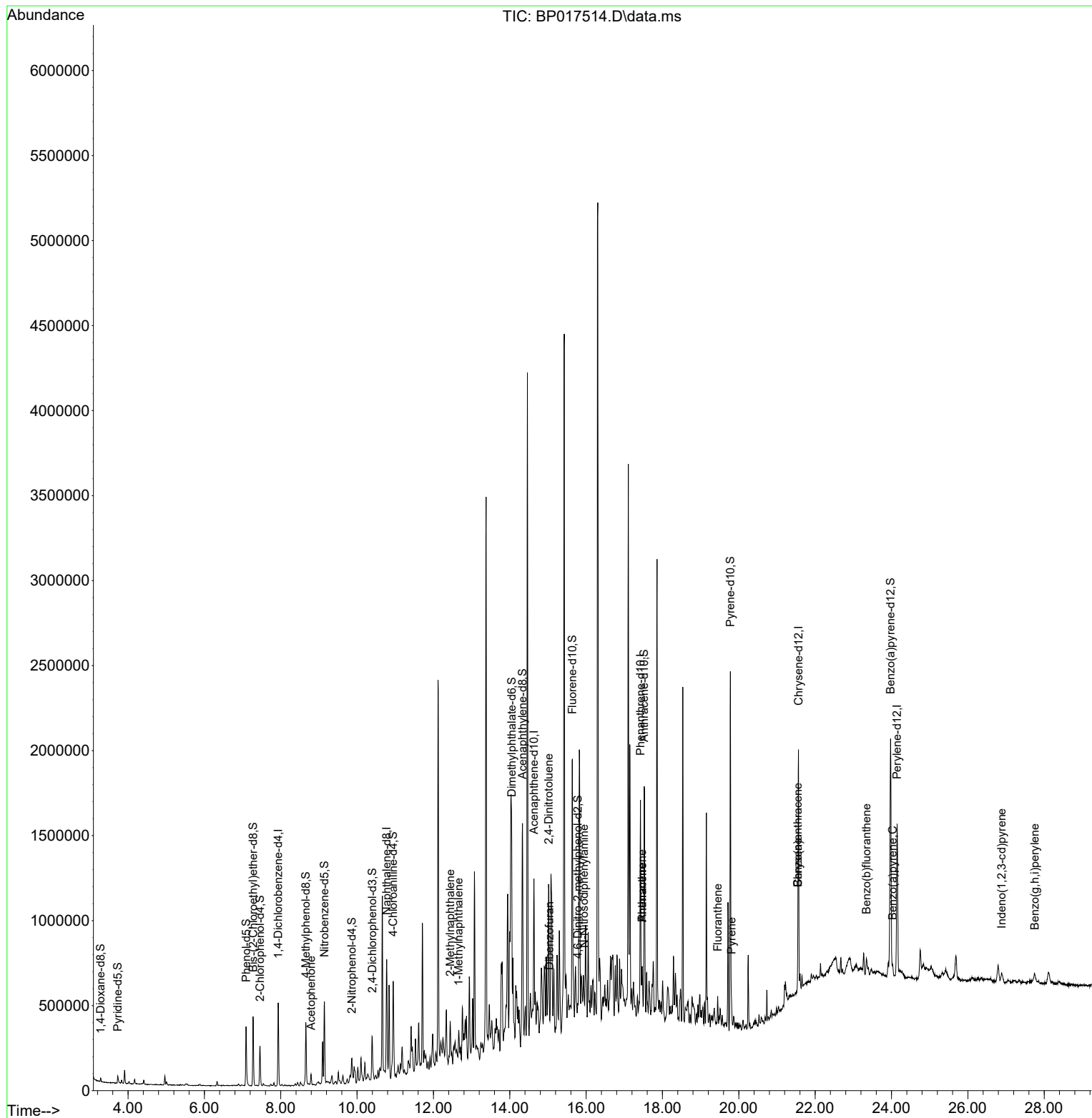
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	126305	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	498617	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	287280	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	615632	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	610941	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	701109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11105	3.611	ng/uL	0.00
4) Pyridine-d5	3.728	84	24090	2.802	ng/ul	0.01
7) Phenol-d5	7.093	99	191250	18.437	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	171180	27.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	102204	12.422	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	141290	17.519	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	112386	31.178	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	42017	10.735	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	83170	11.247	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	265189	24.756	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	641665	31.179	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	735342	31.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	157	0.044	ng/ul	-0.01
60) Fluorene-d10	15.640	176	553341	31.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	5080	1.464	ng/ul	0.00
73) Anthracene-d10	17.522	188	739332	27.078	ng/ul	0.00
81) Pyrene-d10	19.781	212	1035696	31.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1013190	30.015	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.793	105	34366	2.758	ng/ul	97
36) 2-Methylnaphthalene	12.440	142	98813	5.831	ng/ul	100
37) 1-Methylnaphthalene	12.663	142	59635	3.443	ng/ul#	99
56) Dibenzofuran	15.040	168	31769	1.269	ng/ul#	85
57) 2,4-Dinitrotoluene	15.022	165	12008	2.264	ng/ul#	72
67) N-Nitrosodiphenylamine	15.945	169	37387	2.208	ng/ul#	55
72) Phenanthrene	17.469	178	151080	4.685	ng/ul	97
74) Anthracene	17.469	178	151080	4.623	ng/ul	96
80) Fluoranthene	19.445	202	87274	2.265	ng/ul	99
82) Pyrene	19.810	202	91162	2.226	ng/ul	99
85) Benzo(a)anthracene	21.545	228	51491	1.249	ng/ul	96
87) Chrysene	21.545	228	51491	1.327	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	94506	2.286	ng/ul#	90
93) Benzo(a)pyrene	24.027	252	48938	1.237	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.886	276	63795	1.287	ng/ul	97
96) Benzo(g,h,i)perylene	27.751	276	58322	1.459	ng/ul	98

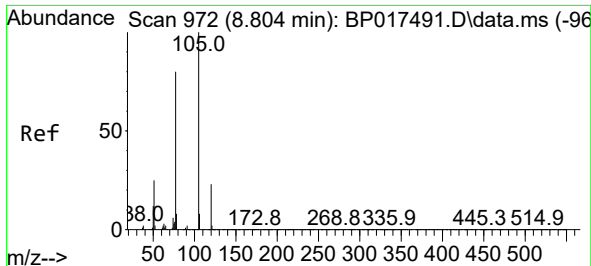
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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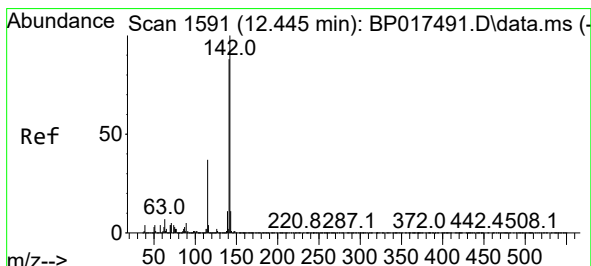
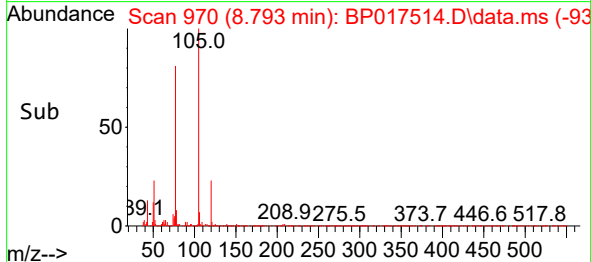
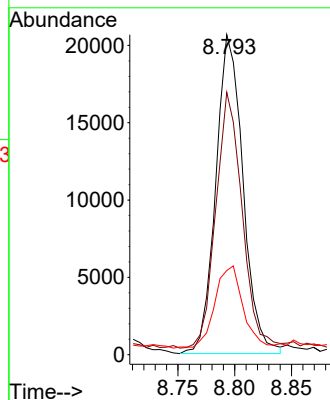
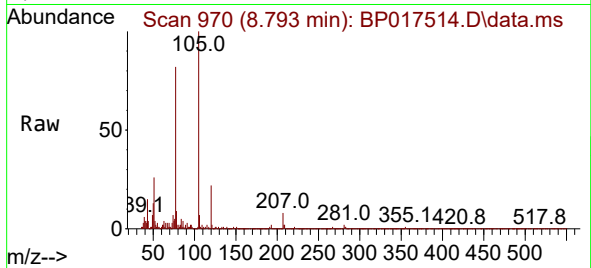




#16
Acetophenone
Concen: 2.758 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

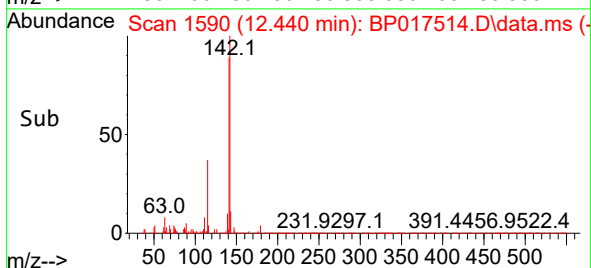
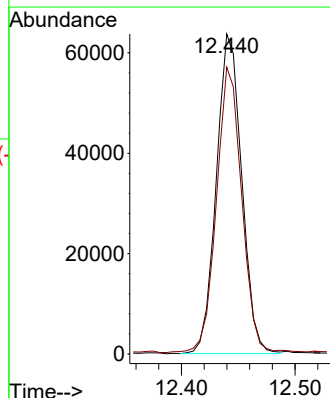
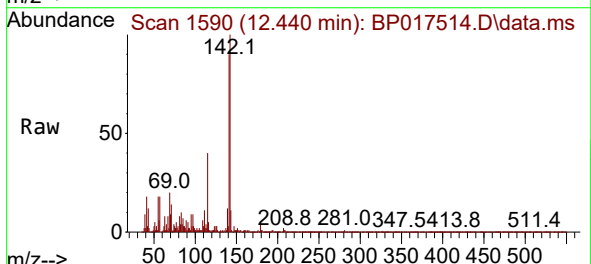
Instrument :
BNA_P
ClientSampleId :
EZYN3

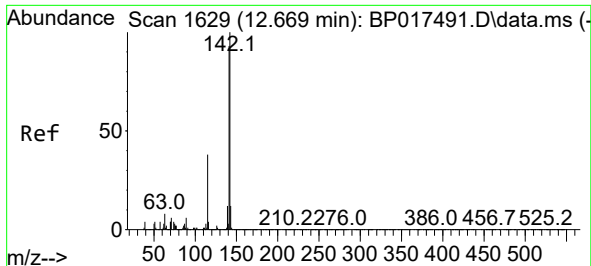
Tgt Ion:105 Resp: 34366
Ion Ratio Lower Upper
105 100
77 82.0 63.6 95.4
51 26.3 19.2 28.8



#36
2-Methylnaphthalene
Concen: 5.831 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Tgt Ion:142 Resp: 98813
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#37

1-Methylnaphthalene

Concen: 3.443 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

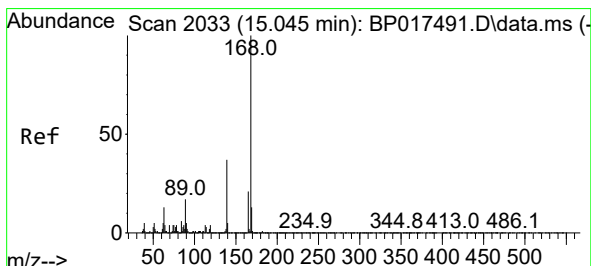
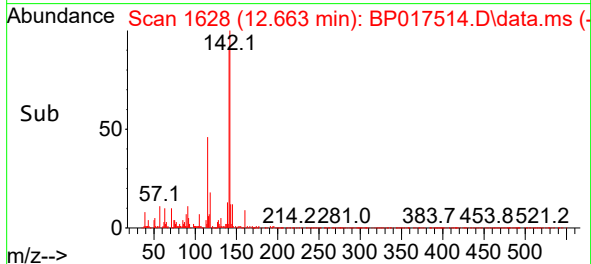
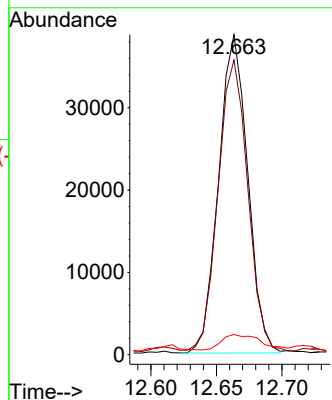
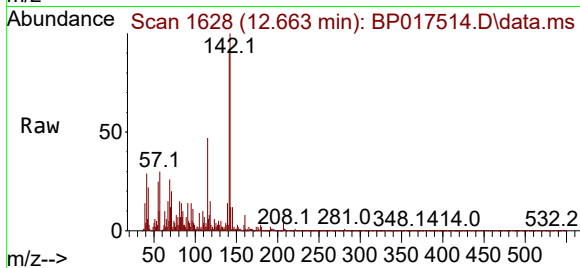
Tgt Ion:142 Resp: 59635

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2

116 6.3 3.1 4.7#



#56

Dibenzofuran

Concen: 1.269 ng/ul

RT: 15.040 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BP017514.D

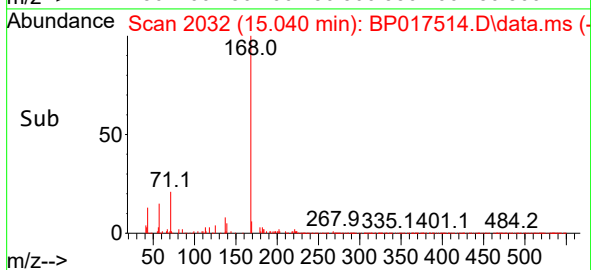
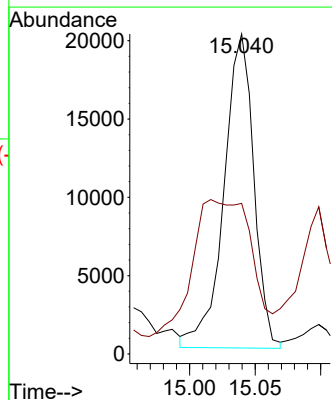
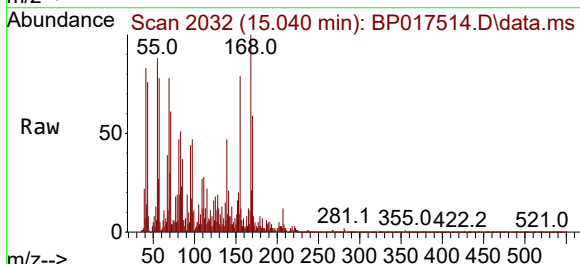
Acq: 03 Oct 2023 13:15

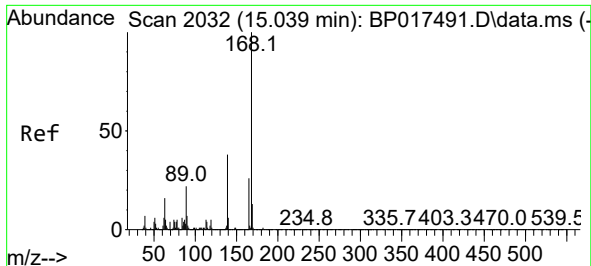
Tgt Ion:168 Resp: 31769

Ion Ratio Lower Upper

168 100

139 47.0 30.6 45.8#

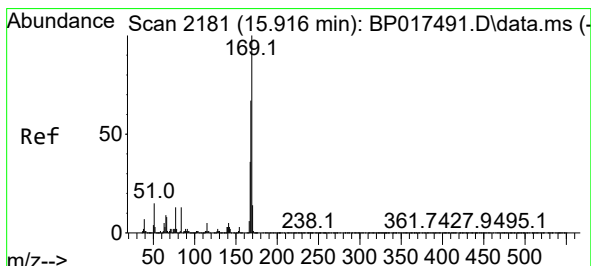
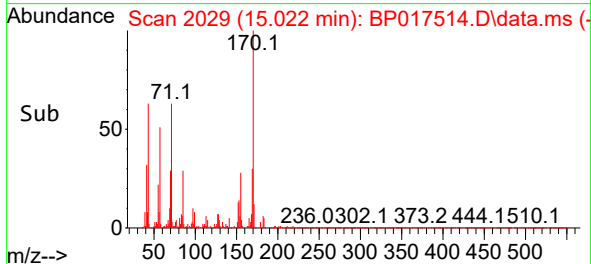
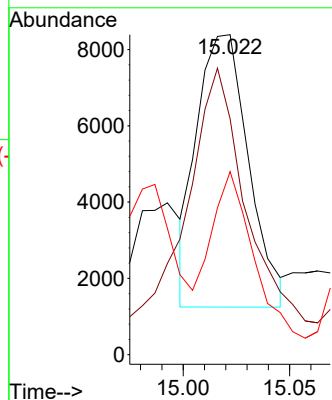
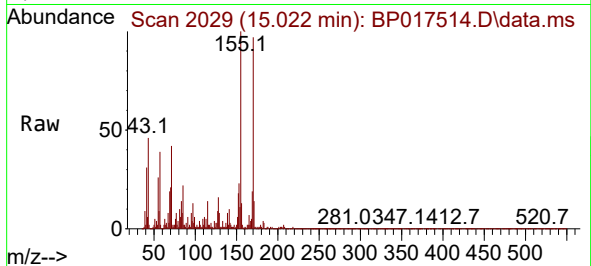




#57
2,4-Dinitrotoluene
Concen: 2.264 ng/ul
RT: 15.022 min Scan# 2032
Delta R.T. -0.011 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

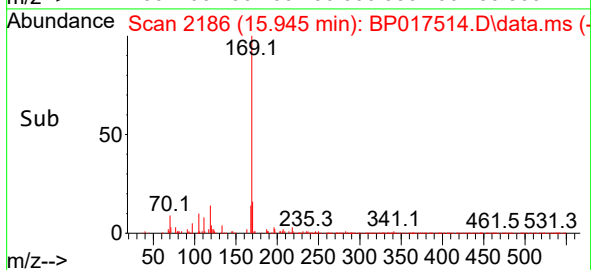
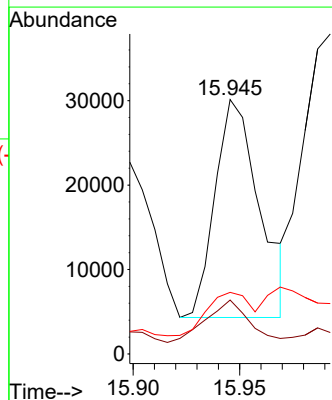
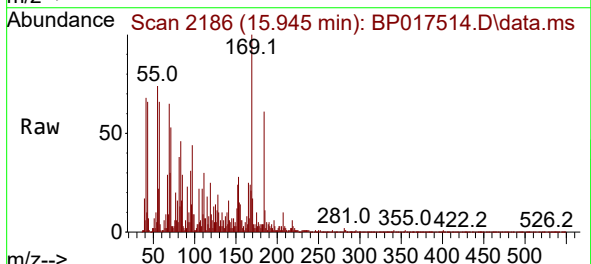
Instrument :
BNA_P
ClientSampleId :
EZYN3

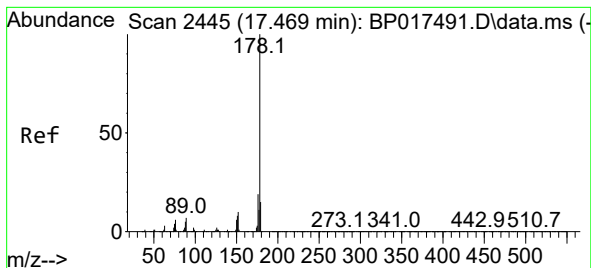
Tgt Ion:165 Resp: 12008
Ion Ratio Lower Upper
165 100
63 73.7 45.6 68.4#
182 57.2 2.0 3.0#



#67
N-Nitrosodiphenylamine
Concen: 2.208 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. 0.030 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Tgt Ion:169 Resp: 37387
Ion Ratio Lower Upper
169 100
168 21.2 53.5 80.3#
167 24.2 30.0 45.0#





#72

Phenanthrene

Concen: 4.685 ng/ul

RT: 17.469 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

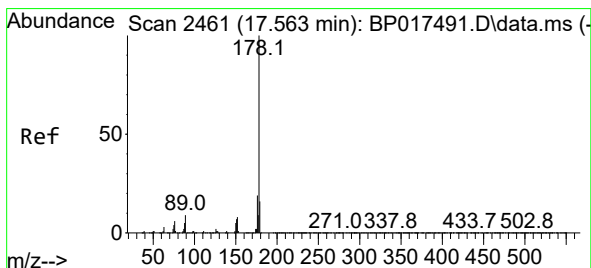
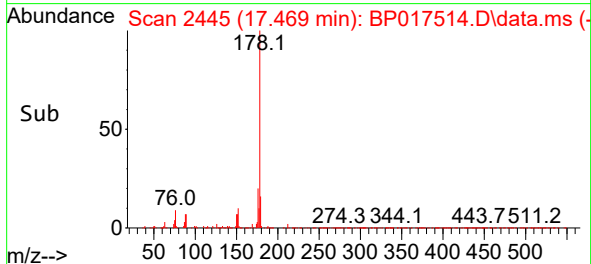
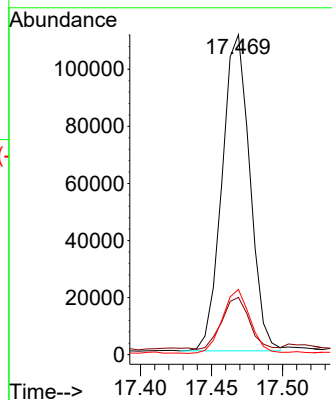
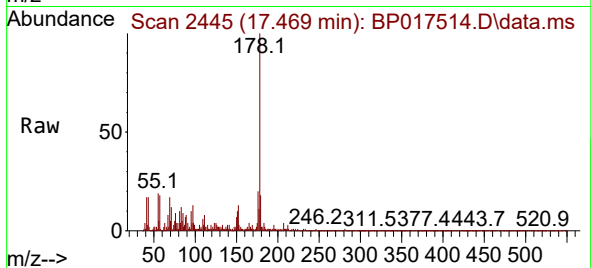
Tgt Ion:178 Resp: 151080

Ion Ratio Lower Upper

178 100

179 17.9 12.7 19.1

176 20.4 15.8 23.6



#74

Anthracene

Concen: 4.623 ng/ul

RT: 17.469 min Scan# 2445

Delta R.T. -0.088 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

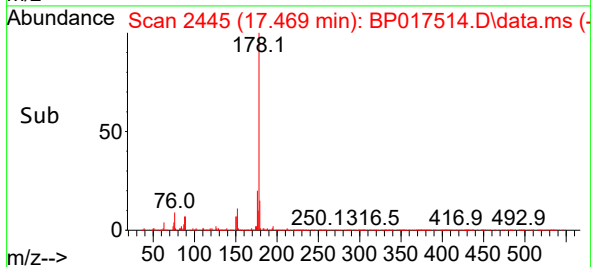
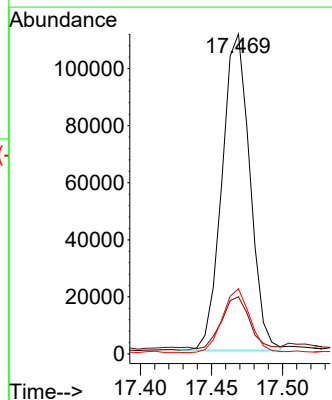
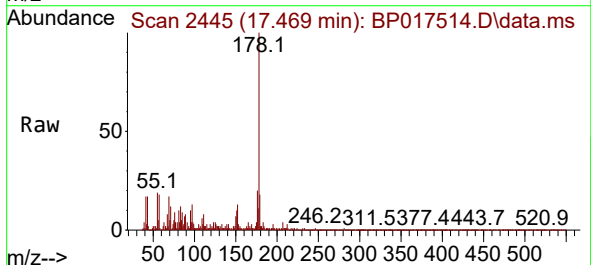
Tgt Ion:178 Resp: 151080

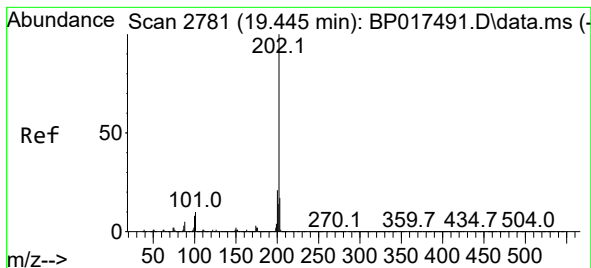
Ion Ratio Lower Upper

178 100

179 17.9 12.5 18.7

176 20.4 15.1 22.7





#80

Fluoranthene

Concen: 2.265 ng/ul

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

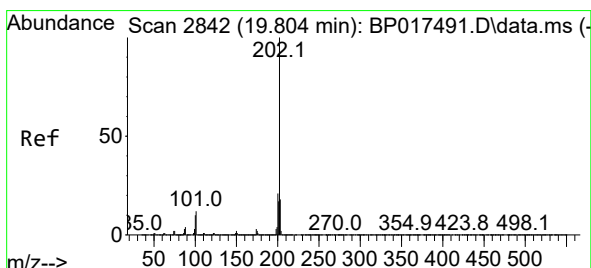
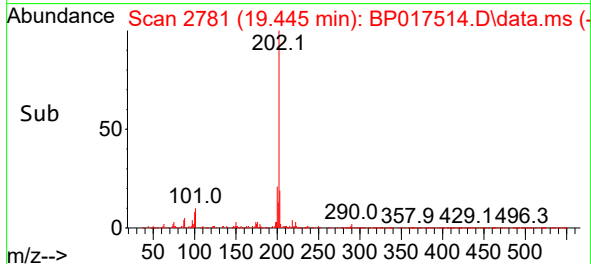
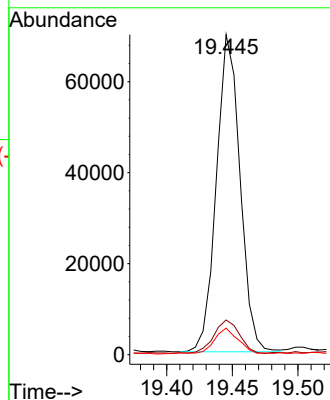
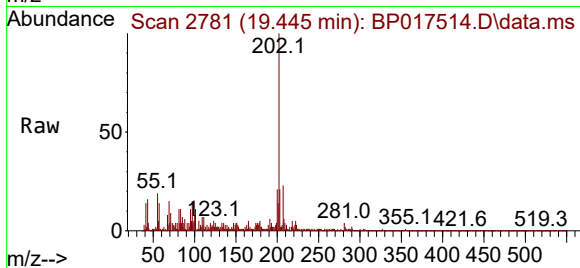
Tgt Ion:202 Resp: 87274

Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

100 8.3 6.6 10.0



#82

Pyrene

Concen: 2.226 ng/ul

RT: 19.810 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

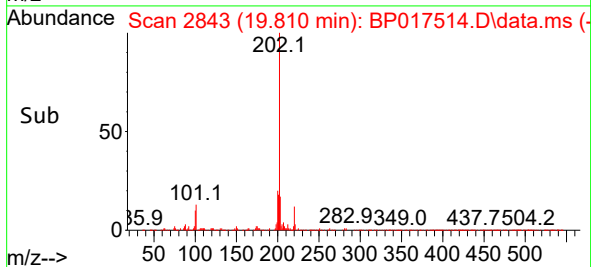
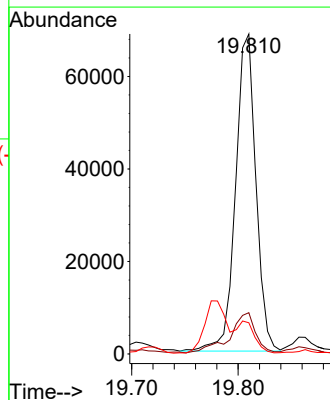
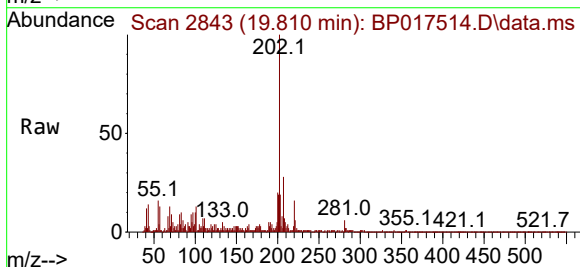
Tgt Ion:202 Resp: 91162

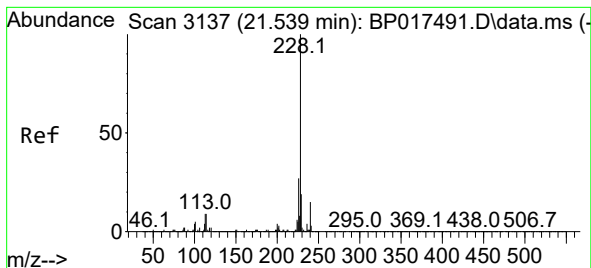
Ion Ratio Lower Upper

202 100

101 12.9 9.8 14.8

100 9.8 8.1 12.1





#85

Benzo(a)anthracene

Concen: 1.249 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

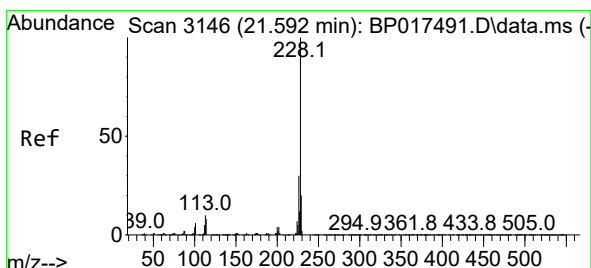
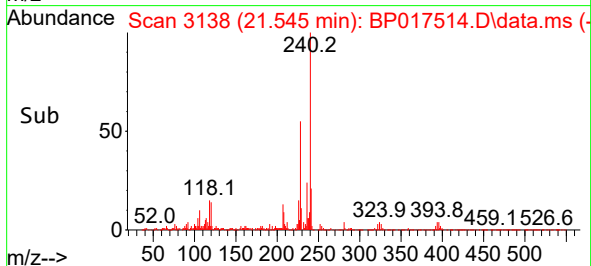
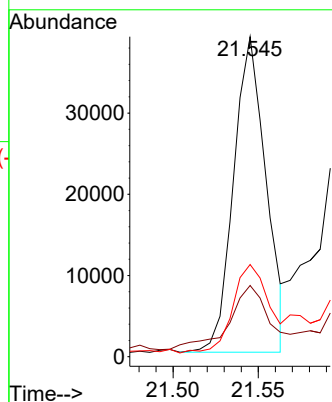
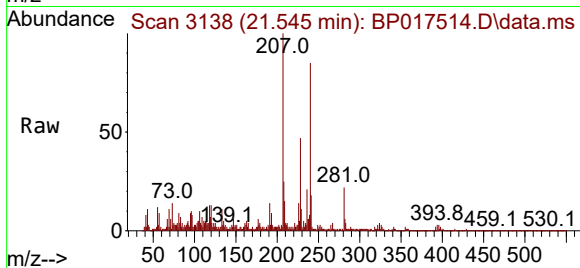
Tgt Ion:228 Resp: 51491

Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.6

226 28.8 21.8 32.8



#87

Chrysene

Concen: 1.327 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. -0.053 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

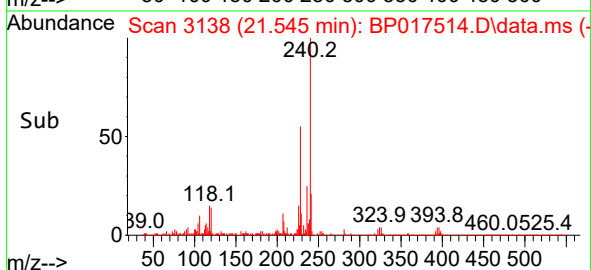
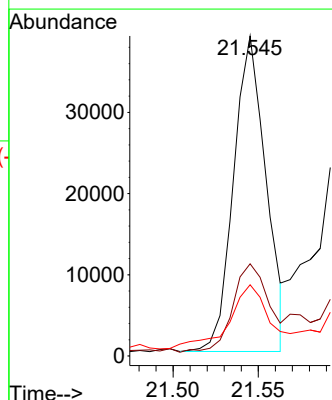
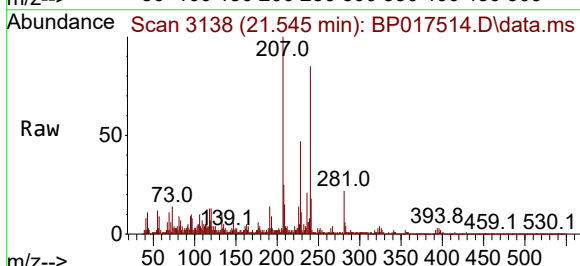
Tgt Ion:228 Resp: 51491

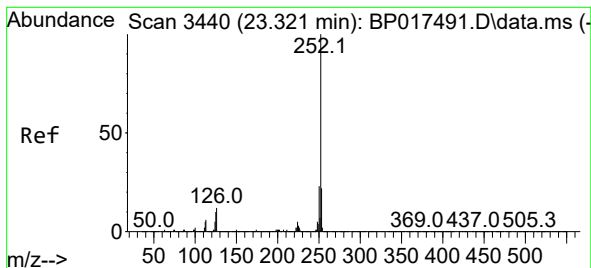
Ion Ratio Lower Upper

228 100

226 28.8 24.1 36.1

229 22.3 15.0 22.6





#90

Benzo(b)fluoranthene

Concen: 2.286 ng/ul

RT: 23.345 min Scan# 3440

Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

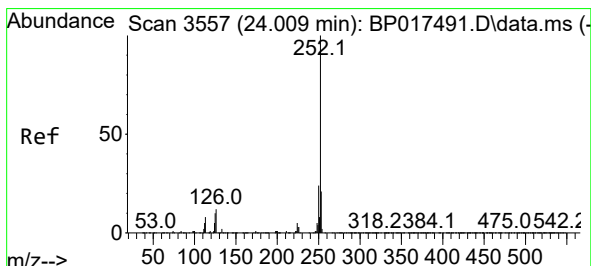
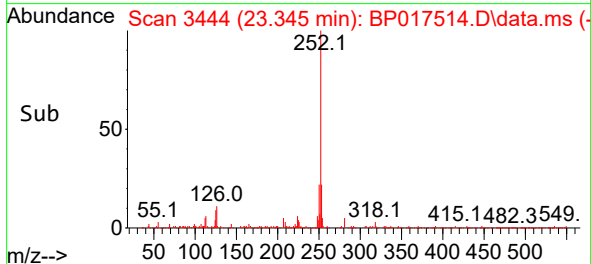
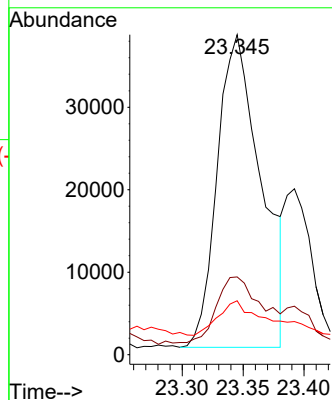
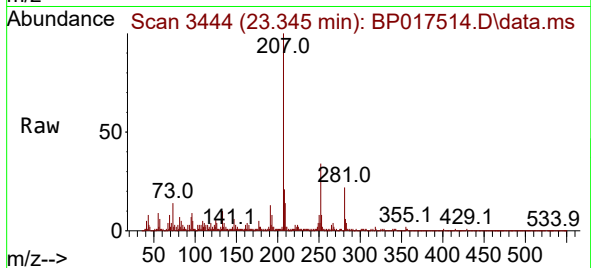
Tgt Ion:252 Resp: 94506

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 16.8 7.8 11.8#



#93

Benzo(a)pyrene

Concen: 1.237 ng/ul

RT: 24.027 min Scan# 3560

Delta R.T. 0.000 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

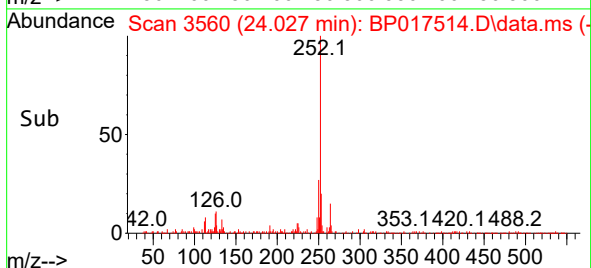
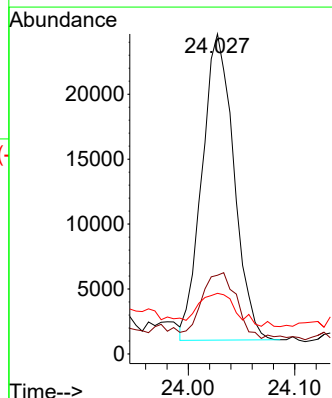
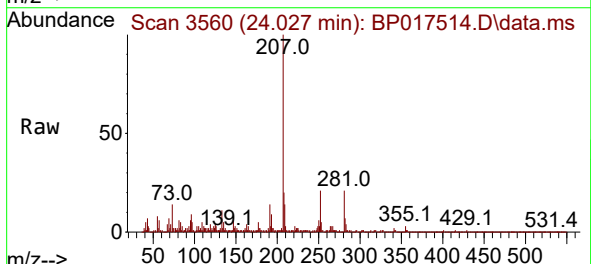
Tgt Ion:252 Resp: 48938

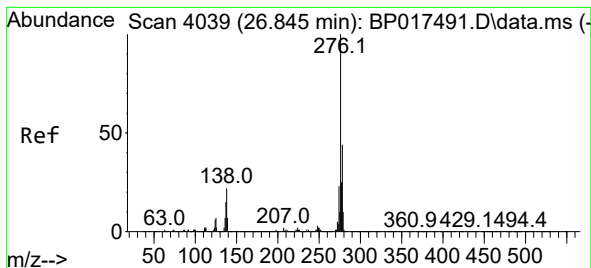
Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.0

125 18.9 8.9 13.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.287 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

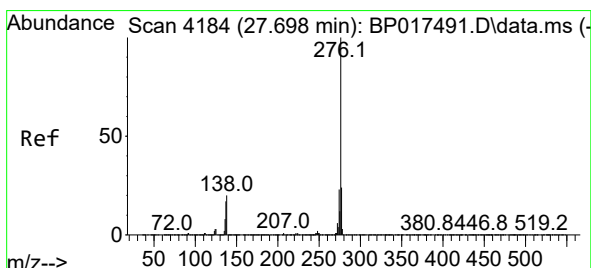
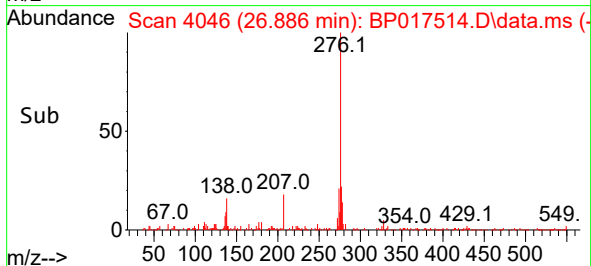
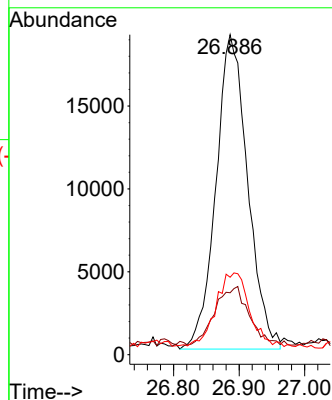
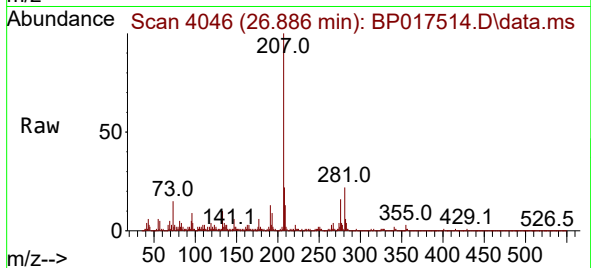
Tgt Ion:276 Resp: 63795

Ion Ratio Lower Upper

276 100

138 19.3 17.9 26.9

277 24.2 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 1.459 ng/ul

RT: 27.751 min Scan# 4193

Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Tgt Ion:276 Resp: 58322

Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

277 25.5 18.8 28.2

