

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016895.D
 Acq On : 31 Aug 2023 13:36
 Operator : MA/JU
 Sample : 04113-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH7

Quant Time: Sep 01 00:54:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

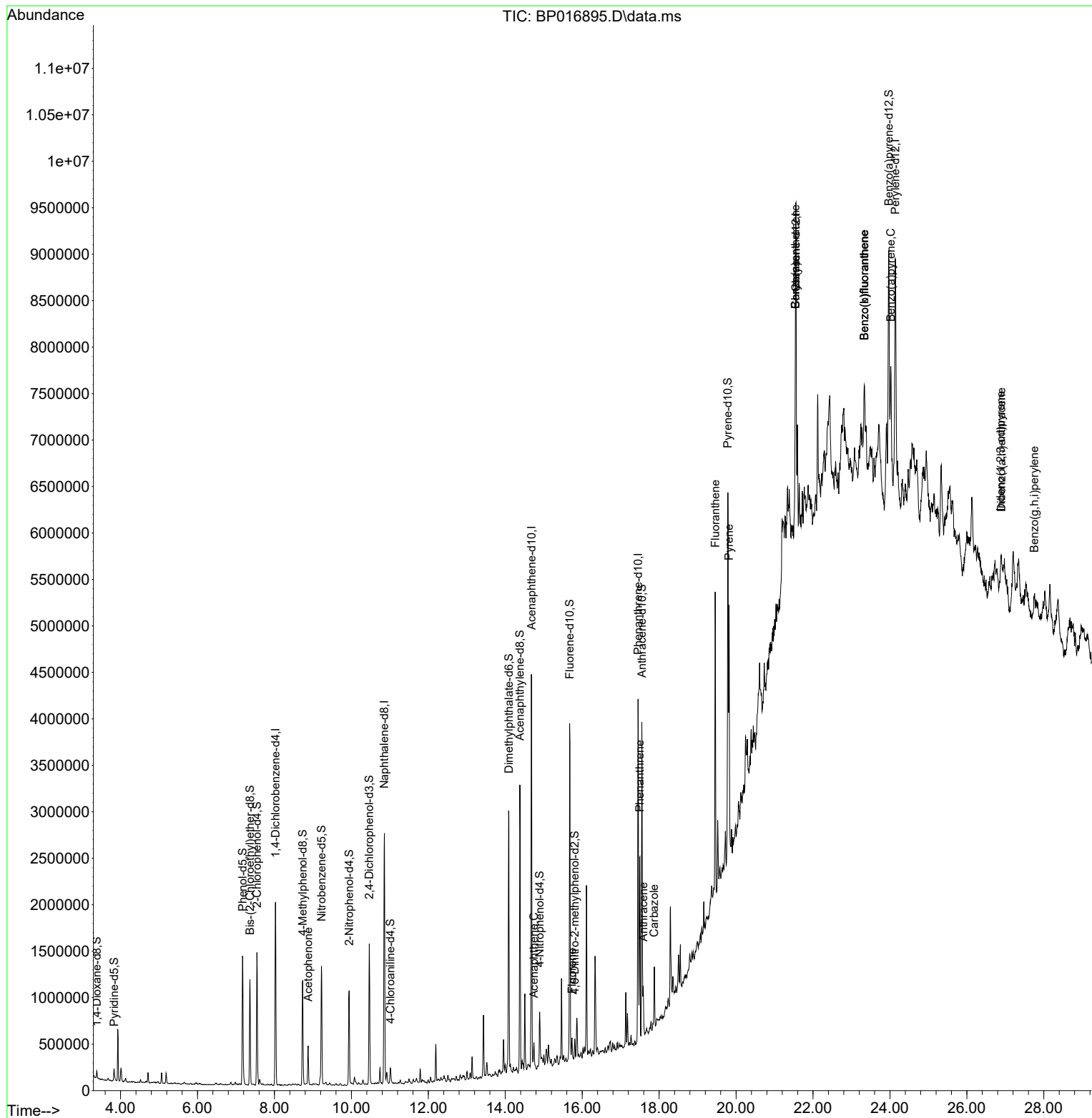
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	528903	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	2158196	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1209258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2095133	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1501845	20.000	ng/ul	0.02
88) Perylene-d12	24.139	264	1754317	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	36836	2.878	ng/uL	0.00
4) Pyridine-d5	3.834	84	48331	1.236	ng/ul	0.02
7) Phenol-d5	7.170	99	780839	16.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	489586	16.333	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	612922	17.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	423966	11.043	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	293427	17.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	314081	18.260	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	543412	16.946	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	94034	1.912	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	1670220	18.315	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1862532	18.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	169361	8.985	ng/ul	0.00
60) Fluorene-d10	15.675	176	1383792	18.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	43374	3.476	ng/ul	0.00
73) Anthracene-d10	17.551	188	1855231	19.977	ng/ul	0.00
81) Pyrene-d10	19.787	212	1743960	21.143	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.969	264	1702881	19.378	ng/ul	0.03
Target Compounds						
					Qvalue	
16) Acetophenone	8.875	105	210075	3.529	ng/ul	99
52) Acenaphthene	14.746	153	98014	1.256	ng/ul	98
61) Fluorene	15.734	166	99442	1.110	ng/ul	98
72) Phenanthrene	17.498	178	1180251	10.700	ng/ul	99
74) Anthracene	17.587	178	324951	2.914	ng/ul	99
77) Carbazole	17.869	167	117086	1.166	ng/ul#	96
80) Fluoranthene	19.457	202	1788516	18.050	ng/ul	99
82) Pyrene	19.816	202	1391986	13.600	ng/ul	99
85) Benzo(a)anthracene	21.539	228	723344	6.992	ng/ul	97
87) Chrysene	21.539	228	726122	7.727	ng/ul	95
90) Benzo(b)fluoranthene	23.333	252	825313	7.367	ng/ul#	80
91) Benzo(k)fluoranthene	23.333	252	825313	7.449	ng/ul#	81
93) Benzo(a)pyrene	24.022	252	615130	6.071	ng/ul#	82
94) Indeno(1,2,3-cd)pyrene	26.880	276	386973	3.737	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.898	278	100322	1.167	ng/ul#	18
96) Benzo(g,h,i)perylene	27.751	276	385366	4.909	ng/ul#	89

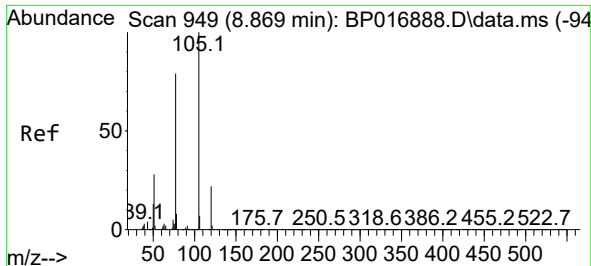
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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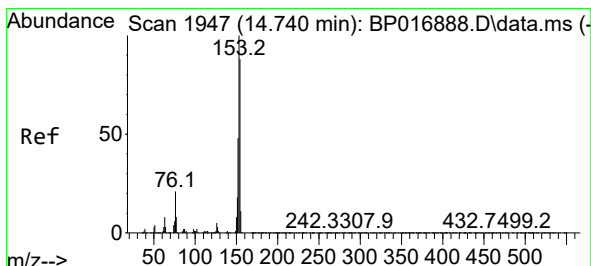
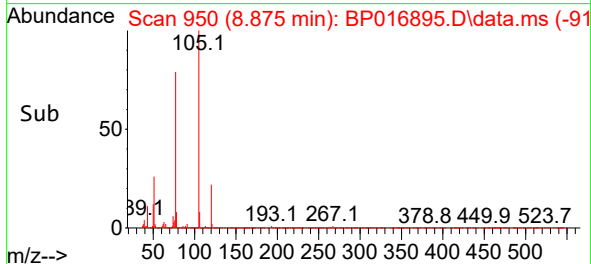
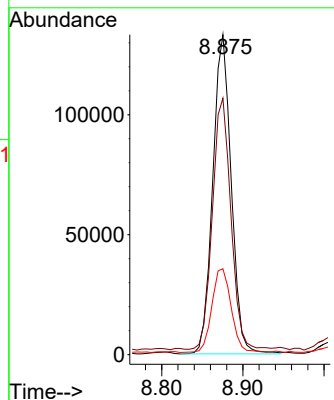
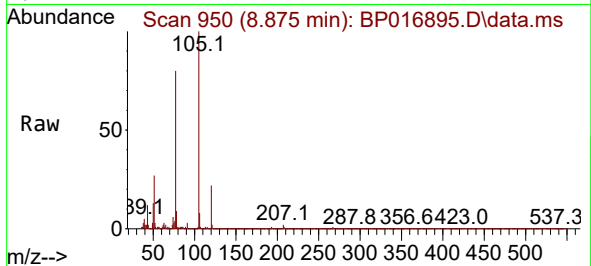




#16
Acetophenone
Concen: 3.529 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

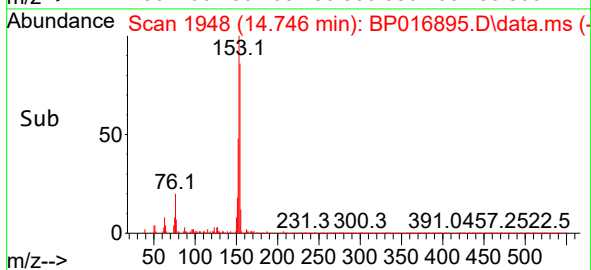
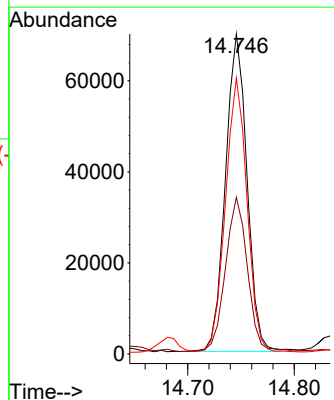
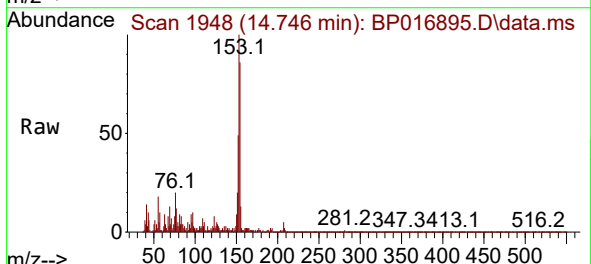
Instrument :
BNA_P
ClientSampleId :
EZYH7

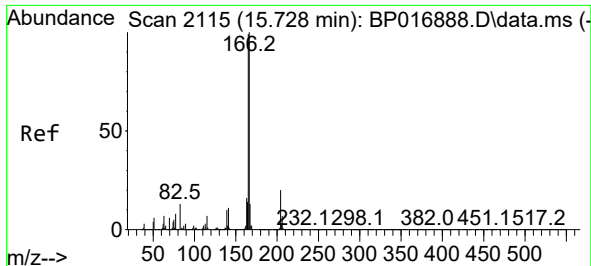
Tgt Ion:105 Resp: 210075
Ion Ratio Lower Upper
105 100
77 80.2 64.2 96.4
51 26.9 22.2 33.4



#52
Acenaphthene
Concen: 1.256 ng/ul
RT: 14.746 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

Tgt Ion:153 Resp: 98014
Ion Ratio Lower Upper
153 100
152 49.0 38.5 57.7
154 86.3 70.6 105.8

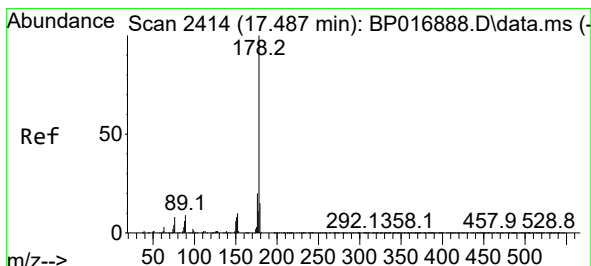
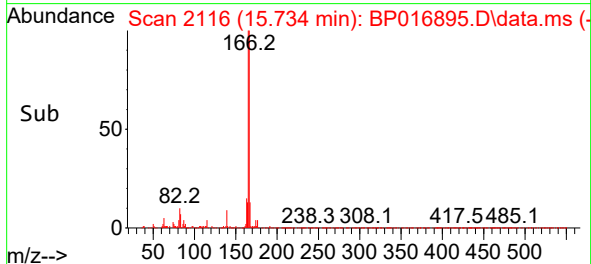
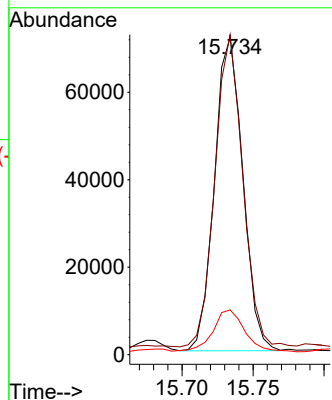
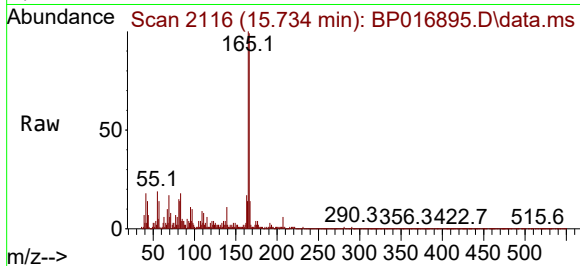




#61
Fluorene
Concen: 1.110 ng/ul
RT: 15.734 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

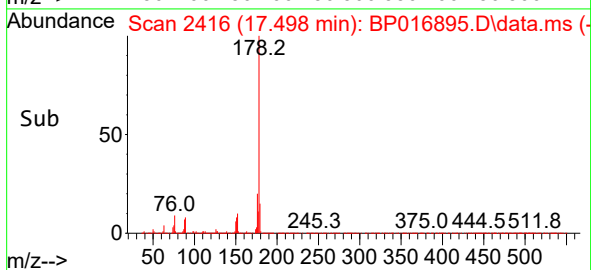
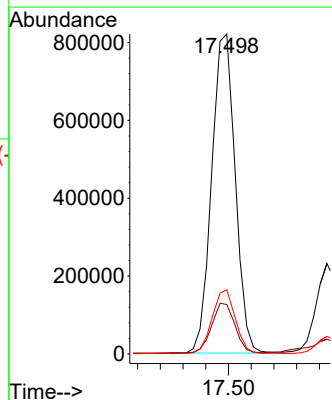
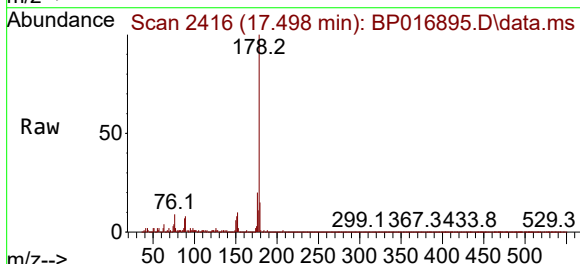
Instrument :
BNA_P
ClientSampleId :
EZYH7

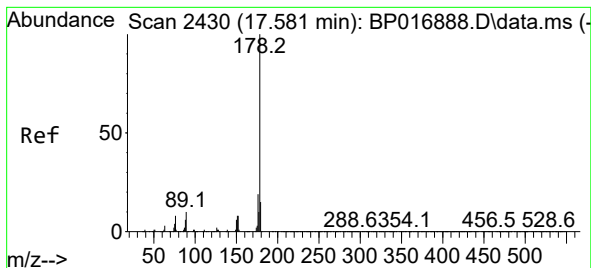
Tgt Ion:166 Resp: 99442
Ion Ratio Lower Upper
166 100
165 100.8 78.8 118.2
167 14.1 10.9 16.3



#72
Phenanthrene
Concen: 10.700 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. 0.012 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

Tgt Ion:178 Resp: 1180251
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.1 15.6 23.4





#74

Anthracene

Concen: 2.914 ng/ul

RT: 17.587 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

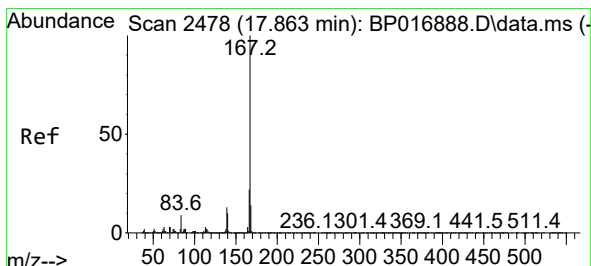
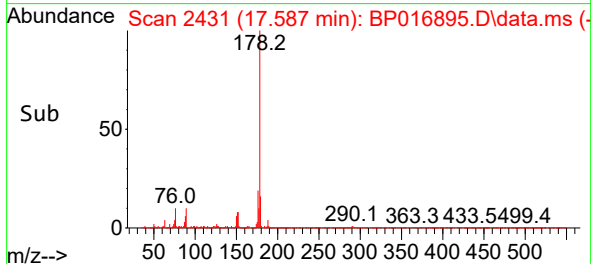
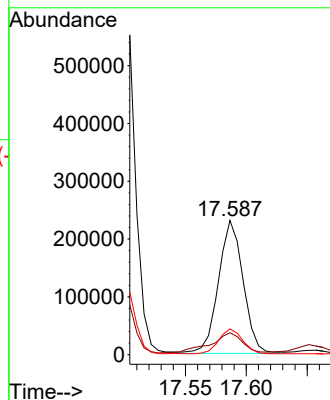
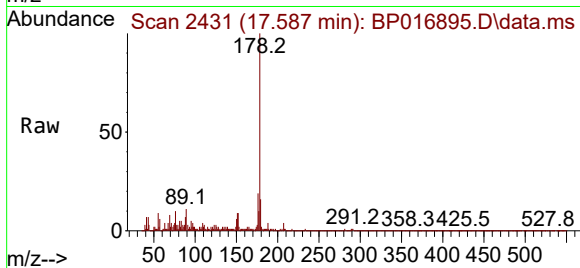
Tgt Ion:178 Resp: 324951

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 19.2 15.3 22.9



#77

Carbazole

Concen: 1.166 ng/ul

RT: 17.869 min Scan# 2479

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

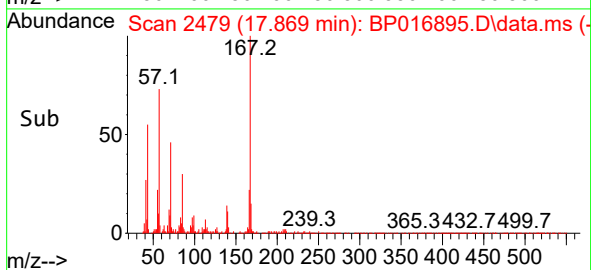
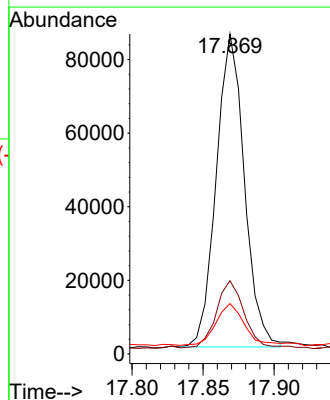
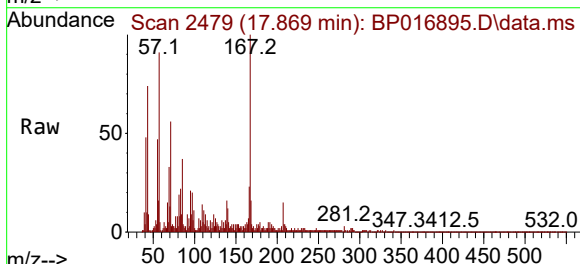
Tgt Ion:167 Resp: 117086

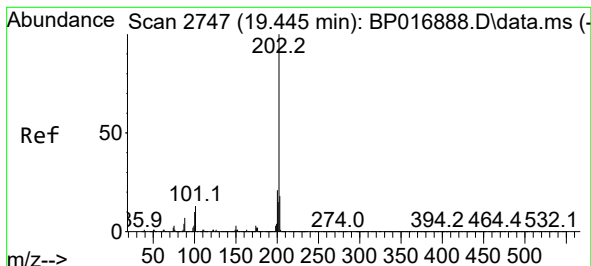
Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.2

139 15.8 10.4 15.6#





#80

Fluoranthene

Concen: 18.050 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

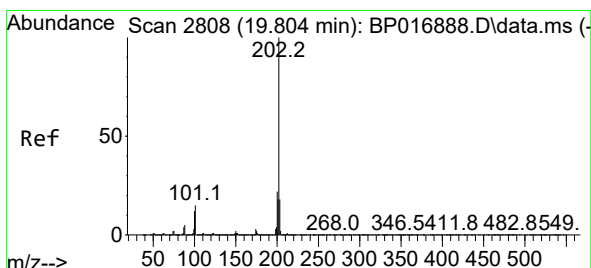
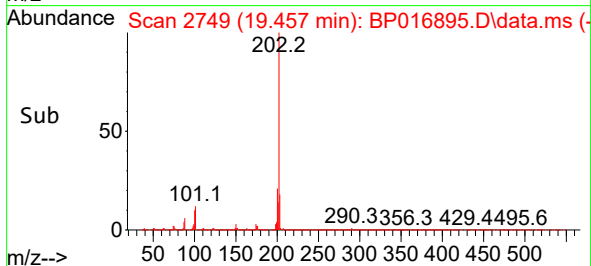
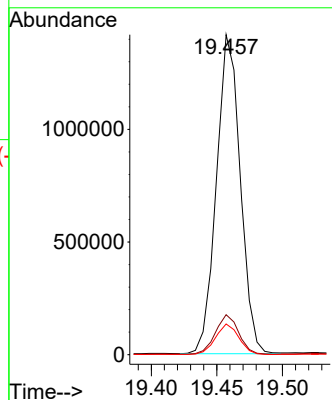
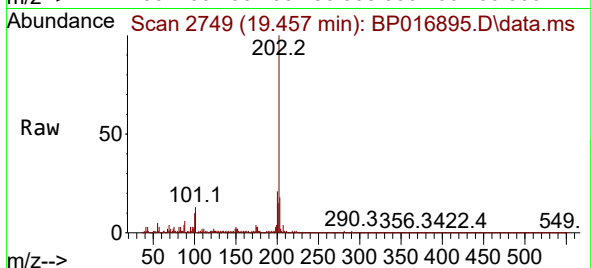
Tgt Ion:202 Resp: 1788516

Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

100 9.6 7.4 11.2



#82

Pyrene

Concen: 13.600 ng/ul

RT: 19.816 min Scan# 2810

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

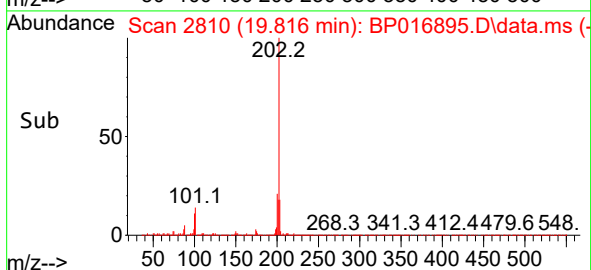
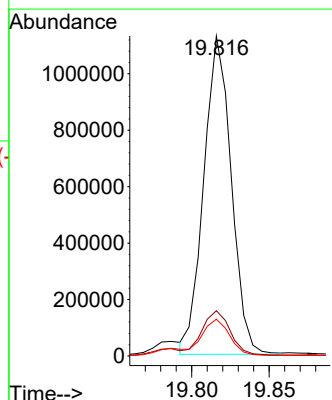
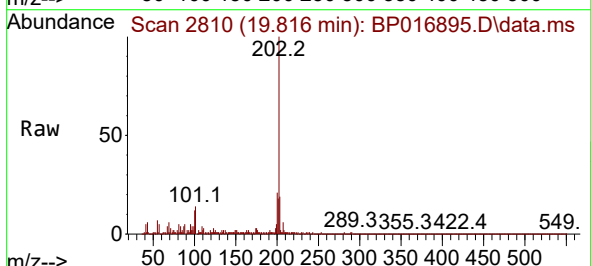
Tgt Ion:202 Resp: 1391986

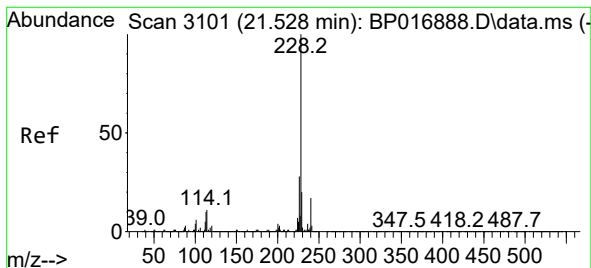
Ion Ratio Lower Upper

202 100

101 14.1 11.4 17.2

100 11.5 9.4 14.2





#85

Benzo(a)anthracene

Concen: 6.992 ng/ul

RT: 21.539 min Scan# 3103

Delta R.T. 0.012 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

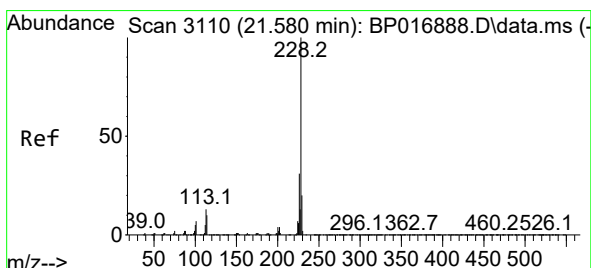
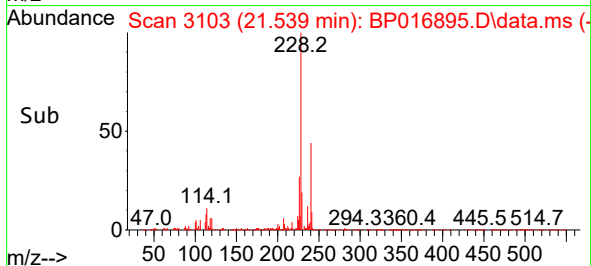
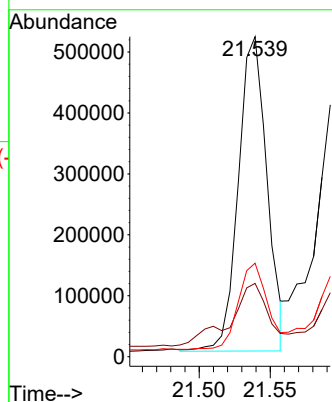
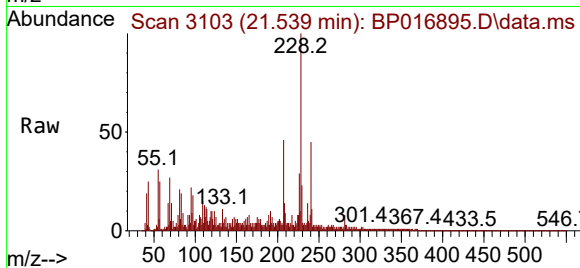
Tgt Ion:228 Resp: 723344

Ion Ratio Lower Upper

228 100

229 22.9 16.2 24.4

226 29.2 22.9 34.3



#87

Chrysene

Concen: 7.727 ng/ul

RT: 21.539 min Scan# 3103

Delta R.T. -0.041 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

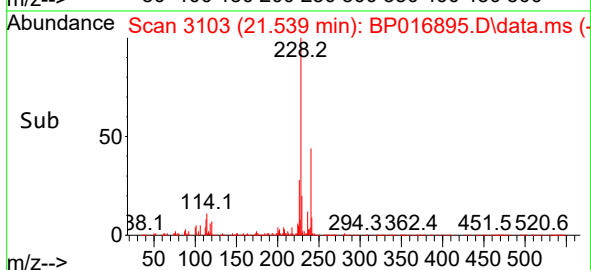
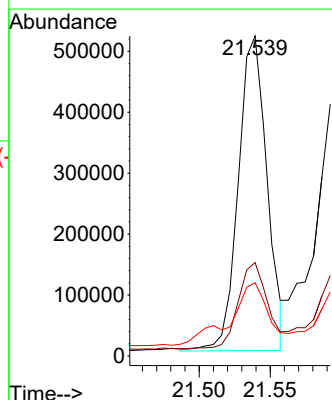
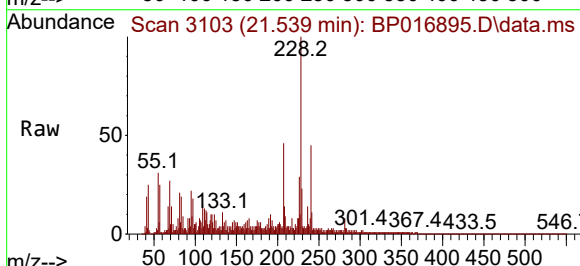
Tgt Ion:228 Resp: 726122

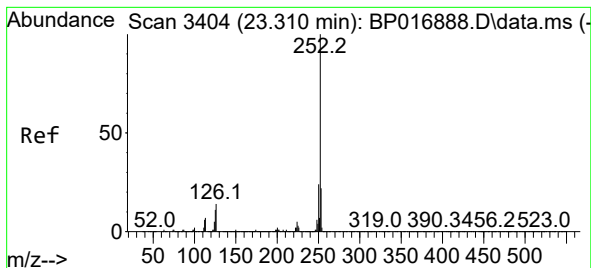
Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.4

229 22.9 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 7.367 ng/ul

RT: 23.333 min Scan# 3408

Delta R.T. 0.024 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

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BNA_P

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EZYH7

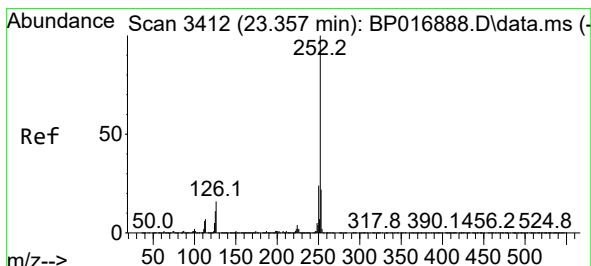
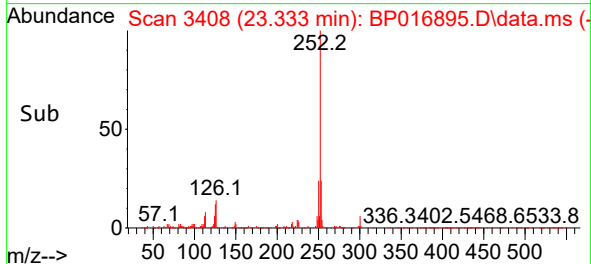
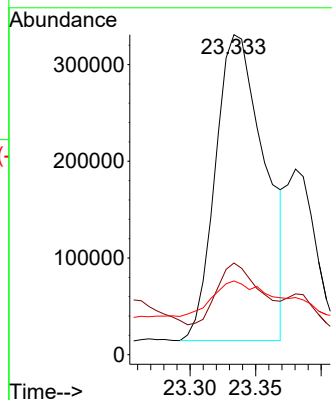
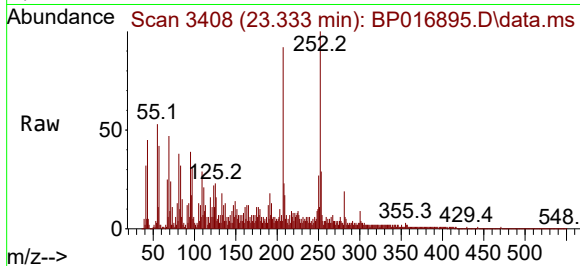
Tgt Ion:252 Resp: 825313

Ion Ratio Lower Upper

252 100

253 28.6 17.7 26.5#

125 23.1 9.0 13.4#



#91

Benzo(k)fluoranthene

Concen: 7.449 ng/ul

RT: 23.333 min Scan# 3408

Delta R.T. -0.029 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

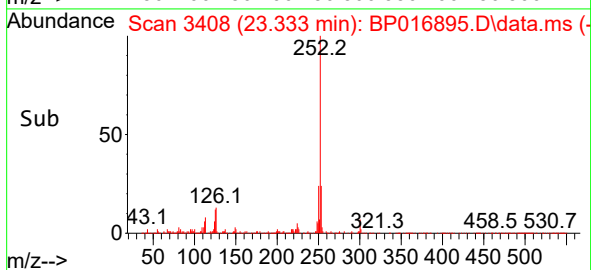
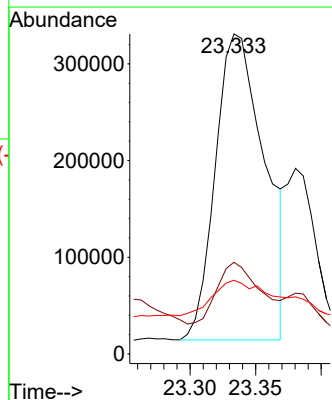
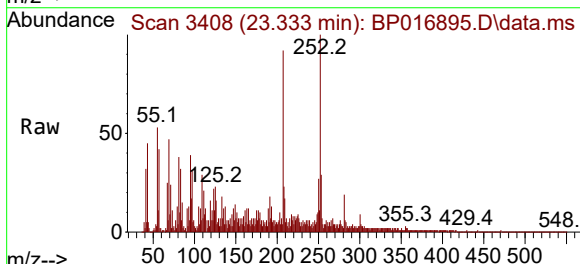
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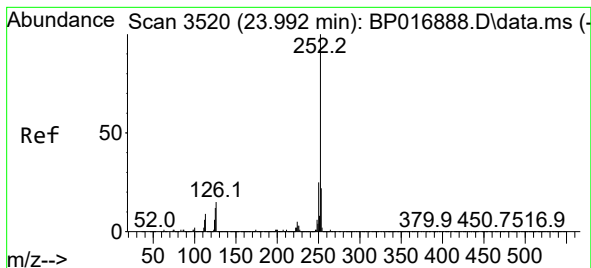
Ion Ratio Lower Upper

252 100

253 28.6 18.1 27.1#

125 23.1 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 6.071 ng/ul

RT: 24.022 min Scan# 3

Delta R.T. 0.030 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

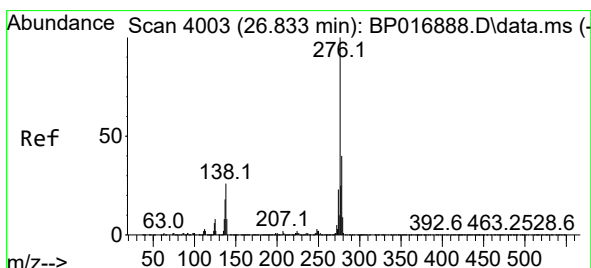
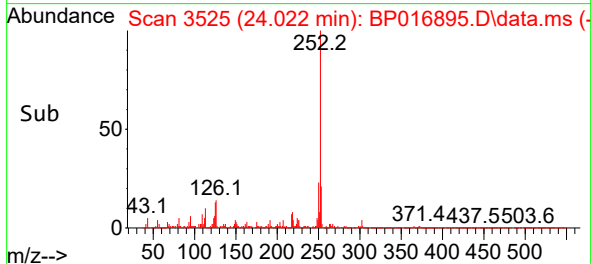
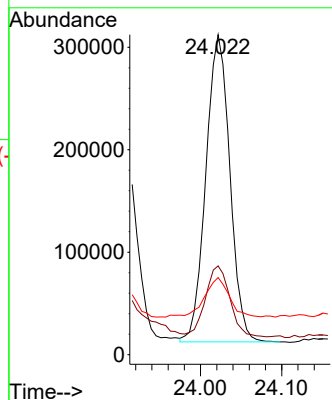
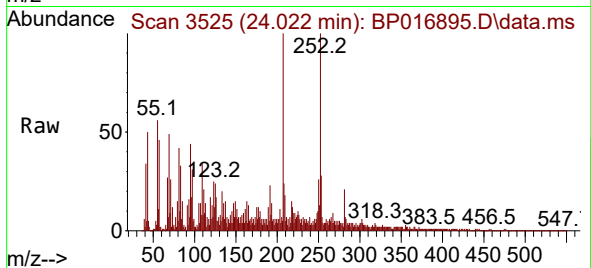
Tgt Ion:252 Resp: 615130

Ion Ratio Lower Upper

252 100

253 27.8 17.8 26.8#

125 24.1 9.9 14.9#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.737 ng/ul

RT: 26.880 min Scan# 4011

Delta R.T. 0.047 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

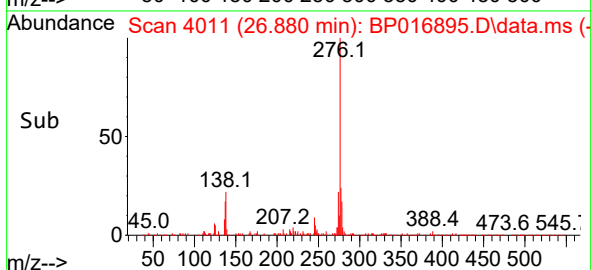
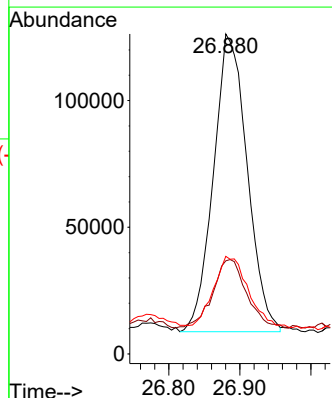
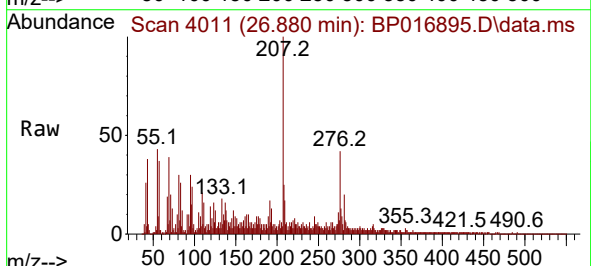
Tgt Ion:276 Resp: 386973

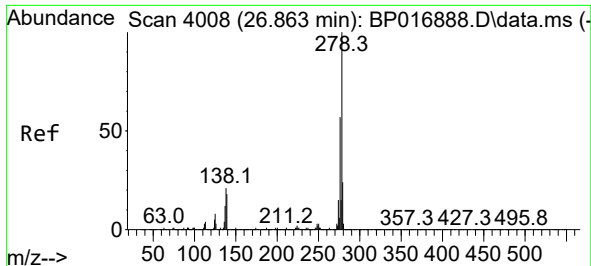
Ion Ratio Lower Upper

276 100

138 29.1 20.9 31.3

277 30.5 19.8 29.6#

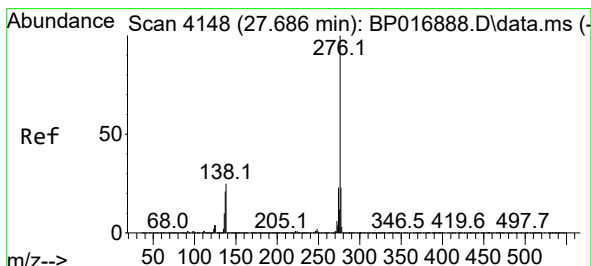
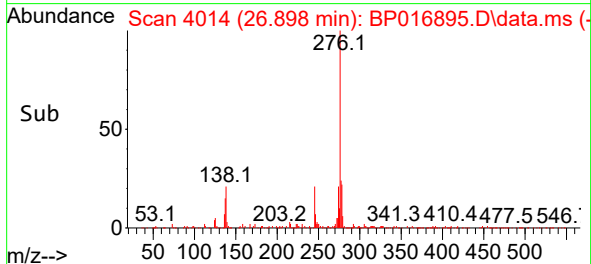
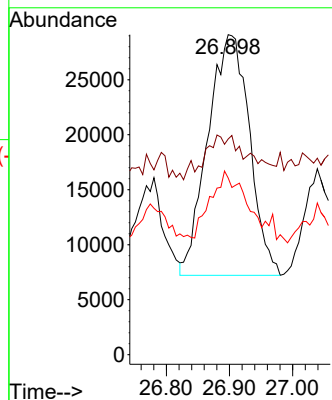
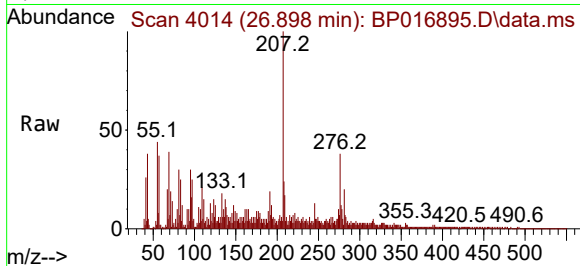




#95
 Dibenzo(a,h)anthracene
 Concen: 1.167 ng/ul
 RT: 26.898 min Scan# 4008
 Delta R.T. 0.036 min
 Lab File: BP016895.D
 Acq: 31 Aug 2023 13:36

Instrument :
 BNA_P
 ClientSampleId :
 EZYH7

Tgt Ion:278 Resp: 100322
 Ion Ratio Lower Upper
 278 100
 139 67.4 15.0 22.6#
 279 55.2 19.4 29.2#



#96
 Benzo(g,h,i)perylene
 Concen: 4.909 ng/ul
 RT: 27.751 min Scan# 4159
 Delta R.T. 0.065 min
 Lab File: BP016895.D
 Acq: 31 Aug 2023 13:36

Tgt Ion:276 Resp: 385366
 Ion Ratio Lower Upper
 276 100
 138 30.6 20.2 30.4#
 277 30.0 19.3 28.9#

