

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014985.D
 Acq On : 05 May 2023 15:56
 Operator : CG/JU
 Sample : 02479-10 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW951

Quant Time: May 05 22:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

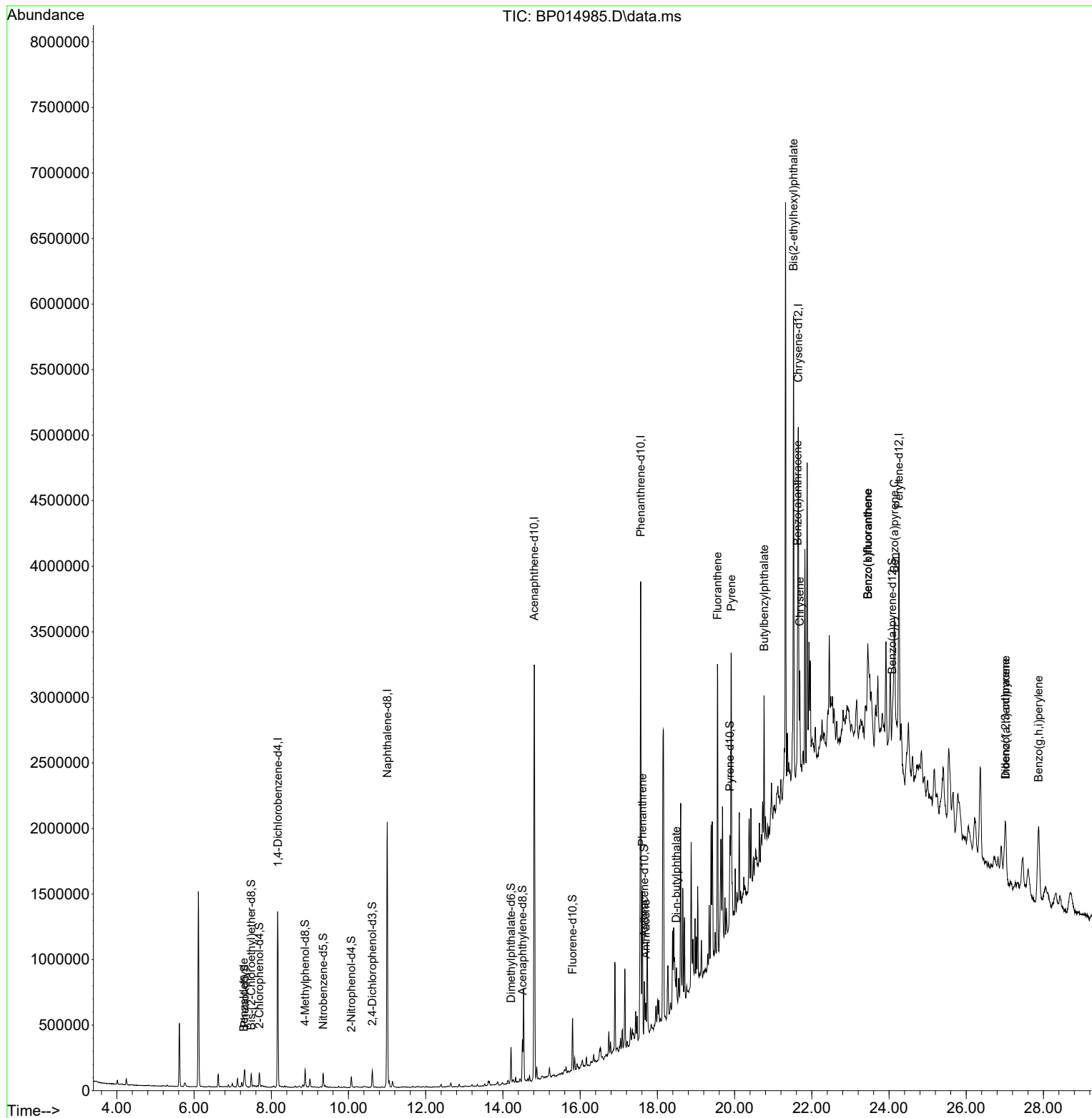
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	370848	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	1653043	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	1019614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	2036709	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1212533	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1211691	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3077	0.309	ng/uL	0.00
4) Pyridine-d5	3.911	84	904	0.033	ng/ul	0.01
7) Phenol-d5	7.316	99	65729	2.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	43632	2.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	50769	2.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	52342	2.113	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	26458	2.250	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	26874	2.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	50508	2.131	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	24270	0.708	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	176223	2.442	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	207425	2.397	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	6932	0.552	ng/ul	0.00
60) Fluorene-d10	15.804	176	154939	2.496	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	7696	0.671	ng/ul	0.00
73) Anthracene-d10	17.663	188	230034	2.514	ng/ul	0.00
81) Pyrene-d10	19.880	212	226944	2.775	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	145568	2.466	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.293	77	18307	2.083	ng/ul#	81
72) Phenanthrene	17.610	178	646641	5.747	ng/ul	100
74) Anthracene	17.698	178	145876	1.302	ng/ul	97
78) Di-n-butylphthalate	18.492	149	179688	1.705	ng/ul	96
80) Fluoranthene	19.557	202	1284351	12.799	ng/ul	100
82) Pyrene	19.916	202	1251740	11.774	ng/ul	96
83) Butylbenzylphthalate	20.763	149	332414	10.414	ng/ul	98
85) Benzo(a)anthracene	21.633	228	443033	5.474	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	1600930	39.860	ng/ul#	99
87) Chrysene	21.686	228	465733	5.715	ng/ul	97
90) Benzo(b)fluoranthene	23.451	252	667482	8.524	ng/ul#	91
91) Benzo(k)fluoranthene	23.451	252	667482	8.375	ng/ul#	92
93) Benzo(a)pyrene	24.139	252	541762	7.888	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.015	276	501352	5.985	ng/ul	95
95) Dibenzo(a,h)anthracene	27.021	278	94706	1.379	ng/ul#	80
96) Benzo(g,h,i)perylene	27.874	276	813906	11.415	ng/ul	99

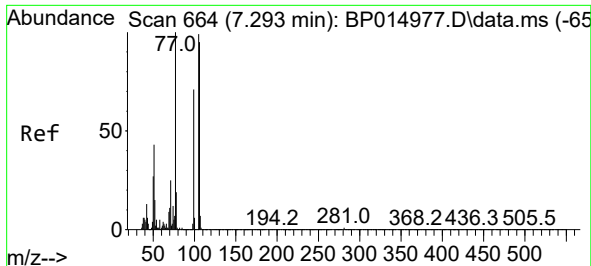
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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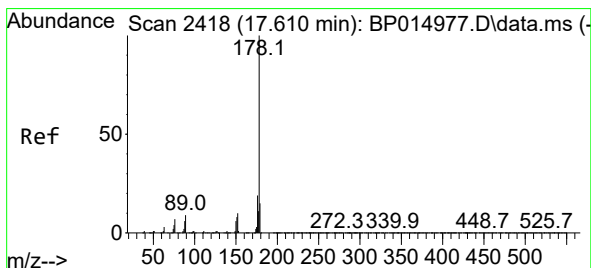
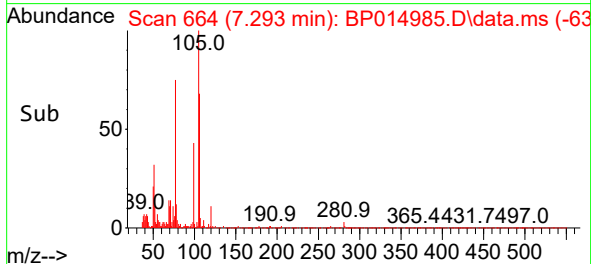
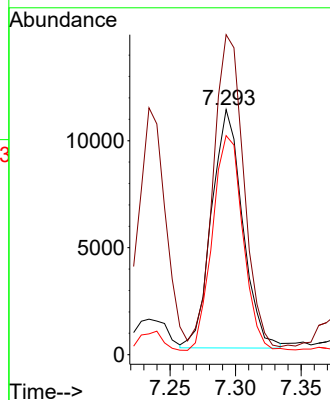
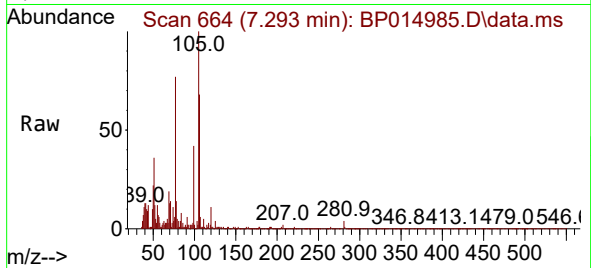




#6
Benzaldehyde
Concen: 2.083 ng/ul
RT: 7.293 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

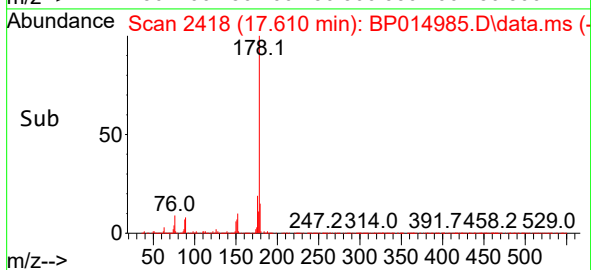
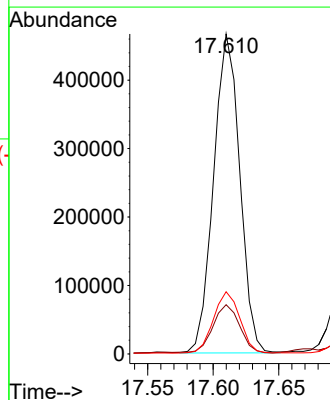
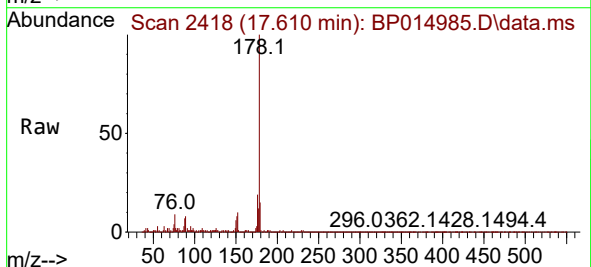
Instrument :
BNA_P
ClientSampleId :
EW951

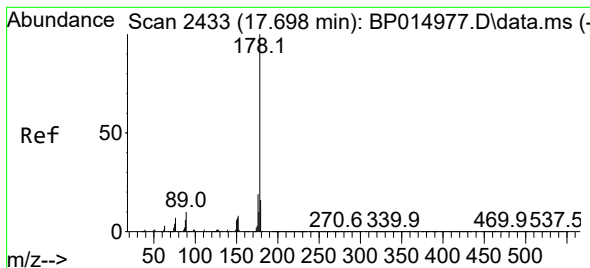
Tgt Ion: 77 Resp: 18307
Ion Ratio Lower Upper
77 100
105 130.5 80.7 121.1#
106 89.4 77.6 116.4



#72
Phenanthrene
Concen: 5.747 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

Tgt Ion: 178 Resp: 646641
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.5 15.4 23.0





#74

Anthracene

Concen: 1.302 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

Instrument :

BNA_P

ClientSampleId :

EW951

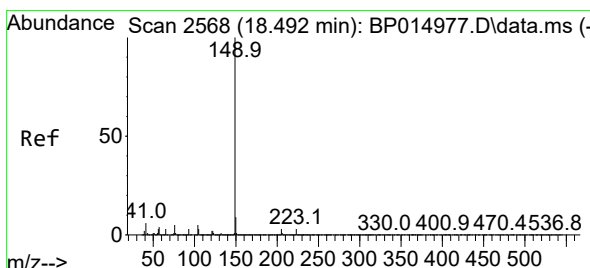
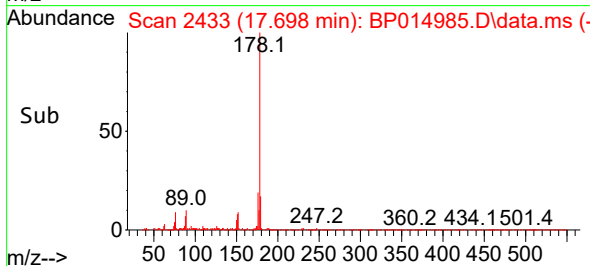
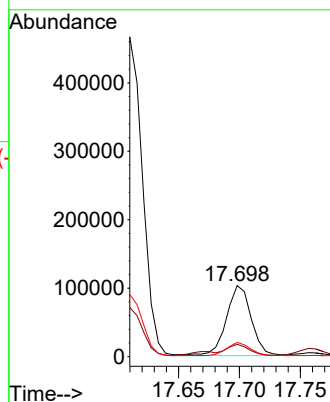
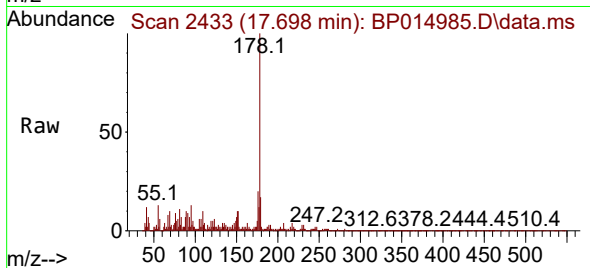
Tgt Ion:178 Resp: 145876

Ion Ratio Lower Upper

178 100

179 17.4 12.6 18.8

176 20.0 15.0 22.4



#78

Di-n-butylphthalate

Concen: 1.705 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

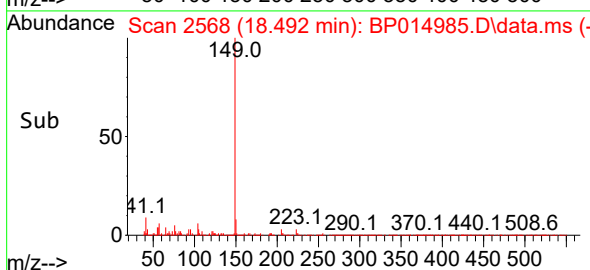
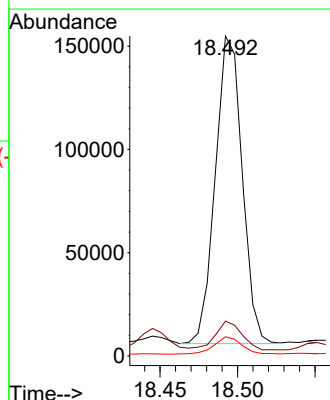
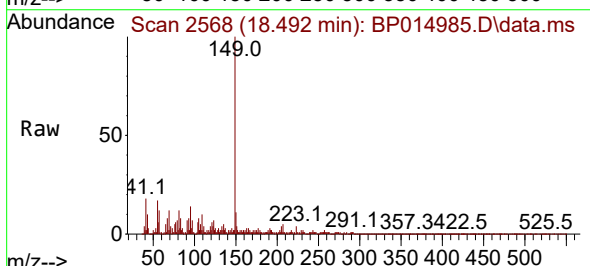
Tgt Ion:149 Resp: 179688

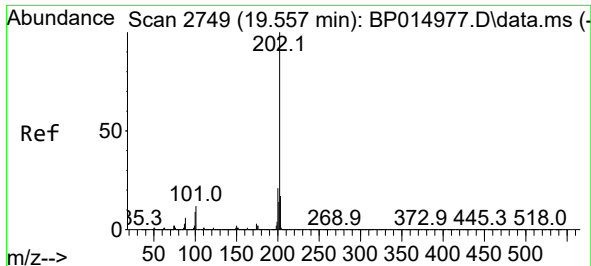
Ion Ratio Lower Upper

149 100

150 10.9 7.4 11.2

104 6.0 4.1 6.1

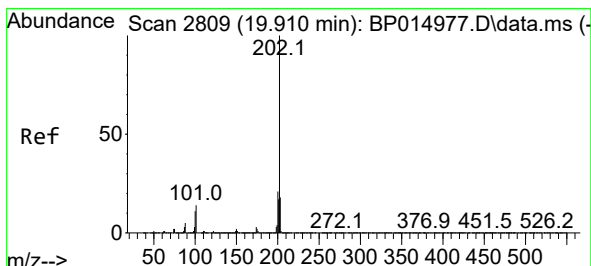
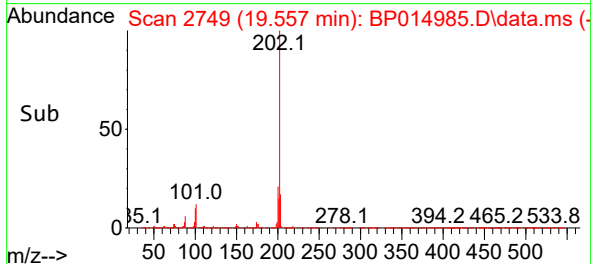
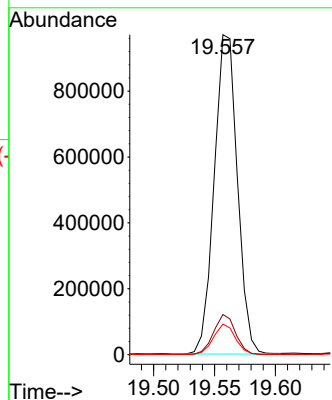
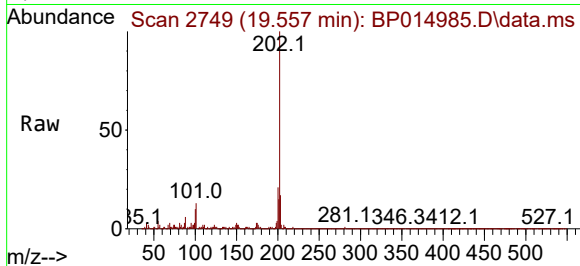




#80
Fluoranthene
Concen: 12.799 ng/ul
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

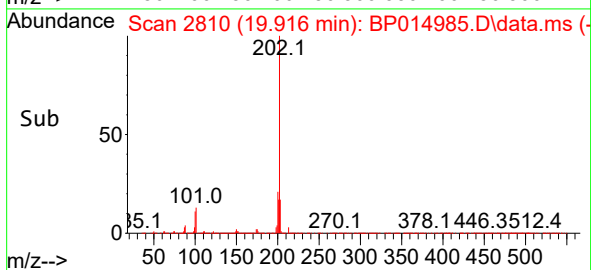
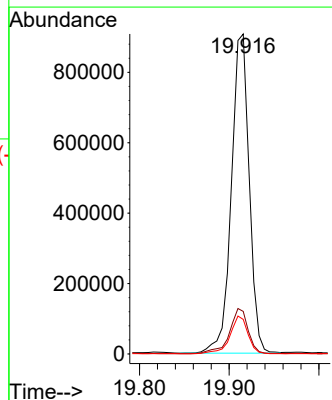
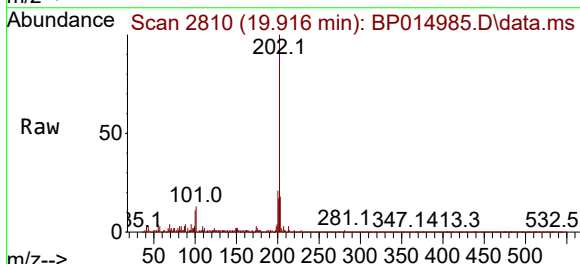
Instrument :
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EW951

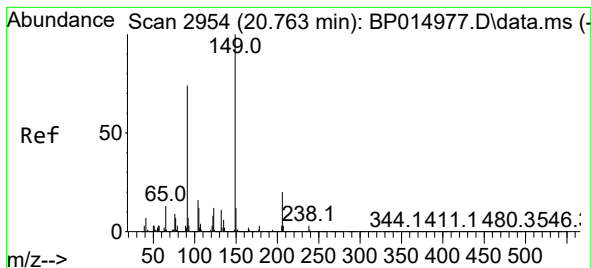
Tgt Ion:202 Resp: 1284351
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.6 7.7 11.5



#82
Pyrene
Concen: 11.774 ng/ul
RT: 19.916 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

Tgt Ion:202 Resp: 1251740
Ion Ratio Lower Upper
202 100
101 13.3 11.9 17.9
100 10.8 9.7 14.5





#83

Butylbenzylphthalate

Concen: 10.414 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

Instrument :

BNA_P

ClientSampleId :

EW951

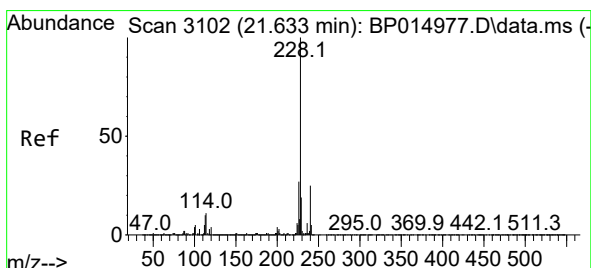
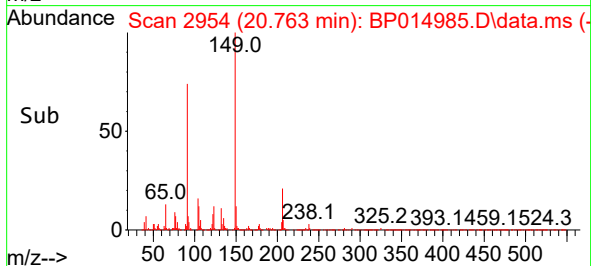
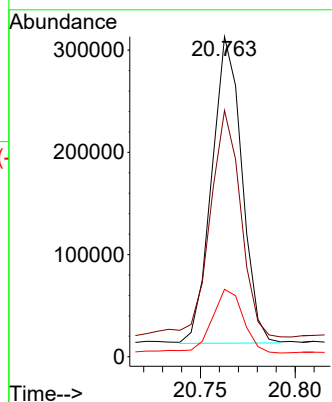
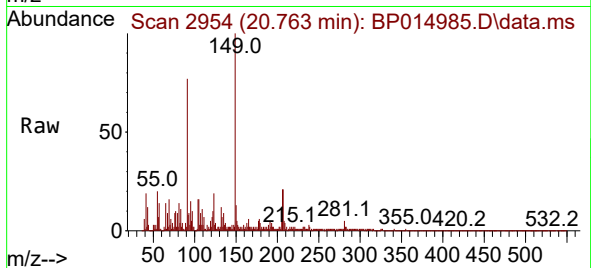
Tgt Ion:149 Resp: 332414

Ion Ratio Lower Upper

149 100

91 77.0 60.1 90.1

206 21.1 16.0 24.0



#85

Benzo(a)anthracene

Concen: 5.474 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

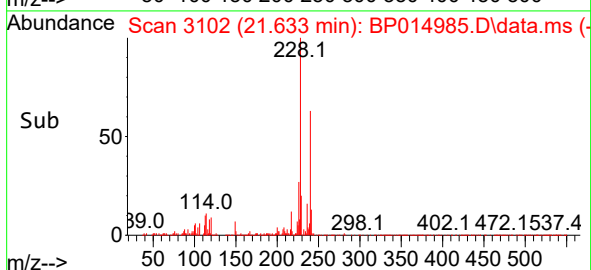
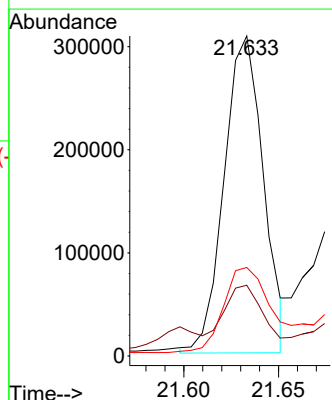
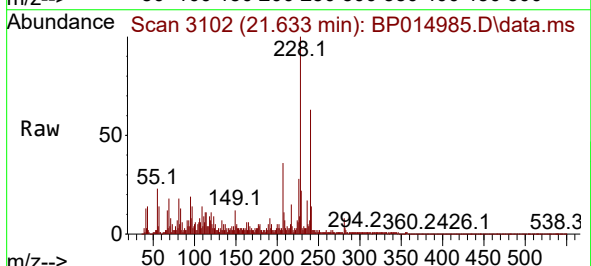
Tgt Ion:228 Resp: 443033

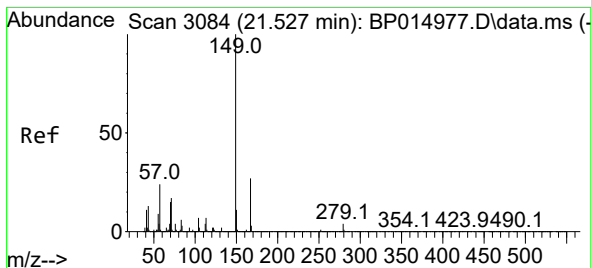
Ion Ratio Lower Upper

228 100

229 22.1 15.9 23.9

226 27.6 22.1 33.1

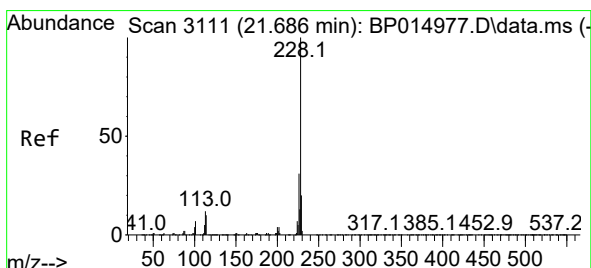
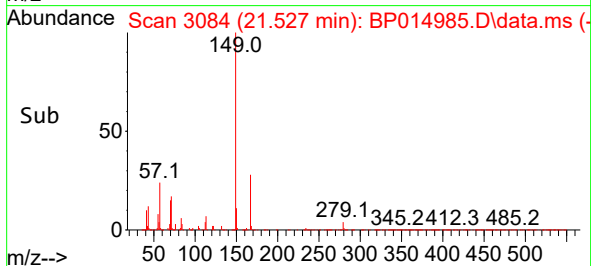
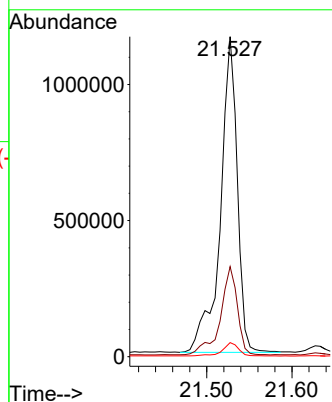
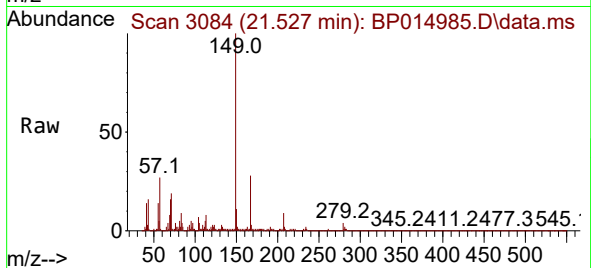




#86
Bis(2-ethylhexyl)phthalate
Concen: 39.860 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

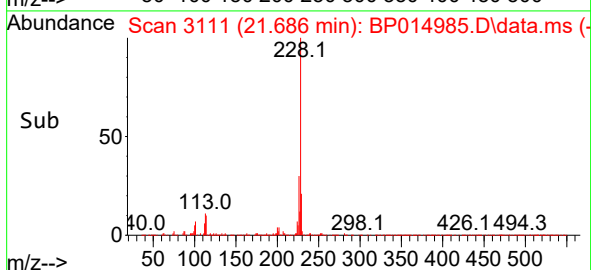
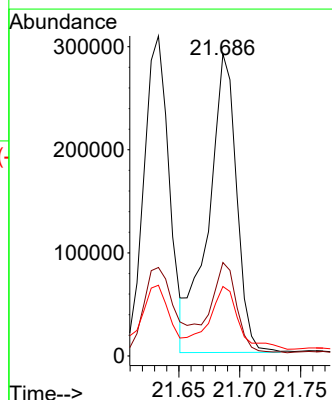
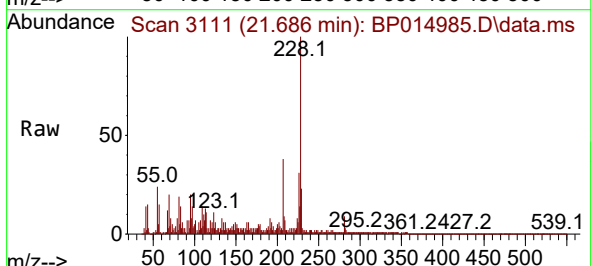
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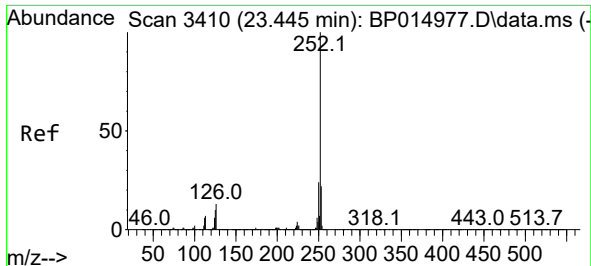
Tgt Ion:149 Resp: 1600930
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 4.4 2.9 4.3#



#87
Chrysene
Concen: 5.715 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

Tgt Ion:228 Resp: 465733
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 23.0 15.8 23.8

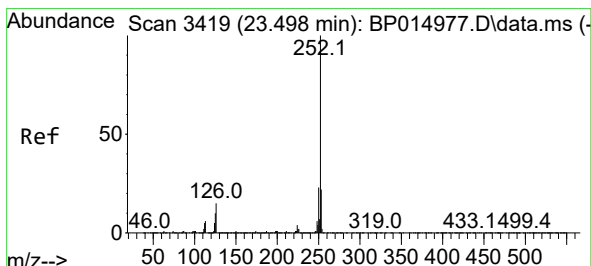
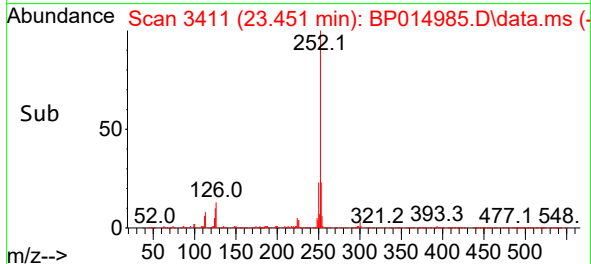
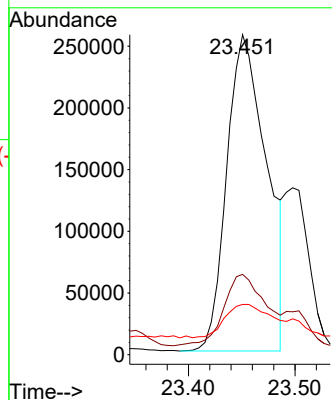
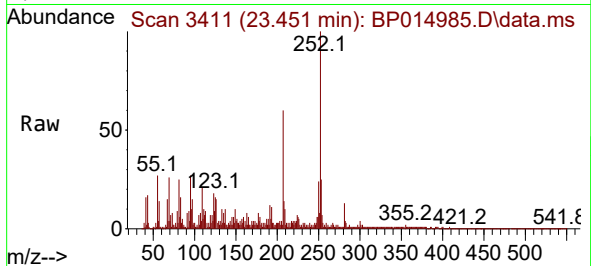




#90
Benzo(b)fluoranthene
Concen: 8.524 ng/ul
RT: 23.451 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

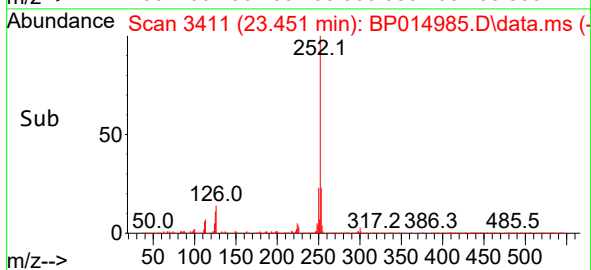
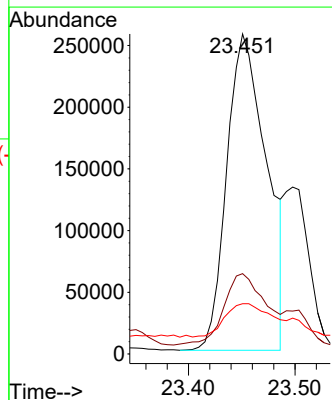
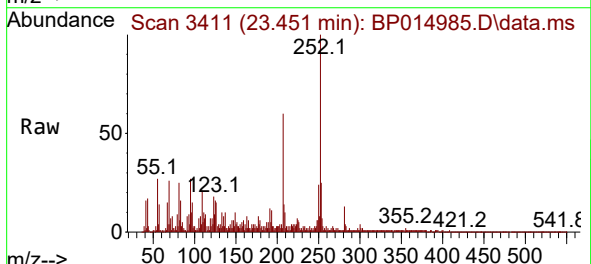
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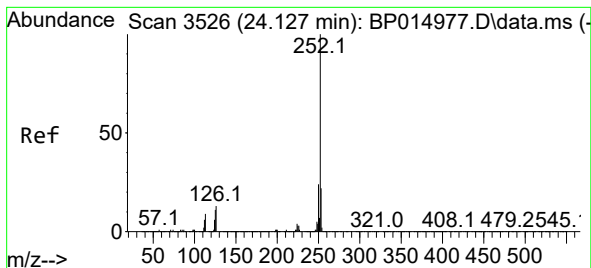
Tgt Ion:252 Resp: 667482
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 15.7 8.4 12.6#



#91
Benzo(k)fluoranthene
Concen: 8.375 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. -0.047 min
Lab File: BP014985.D
Acq: 05 May 2023 15:56

Tgt Ion:252 Resp: 667482
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 15.7 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 7.888 ng/ul

RT: 24.139 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

Instrument :

BNA_P

ClientSampleId :

EW951

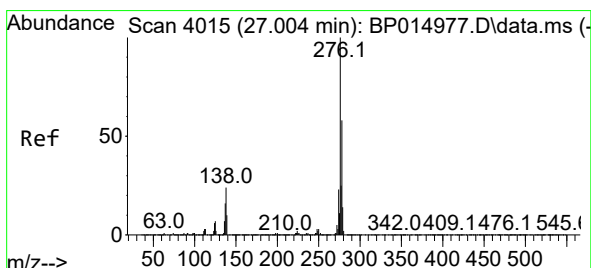
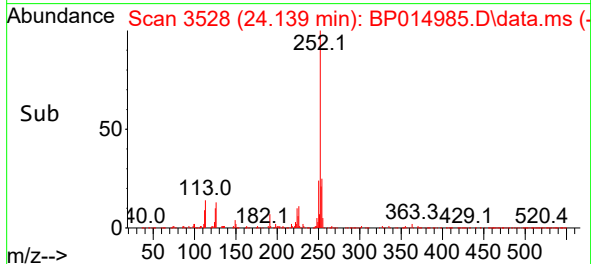
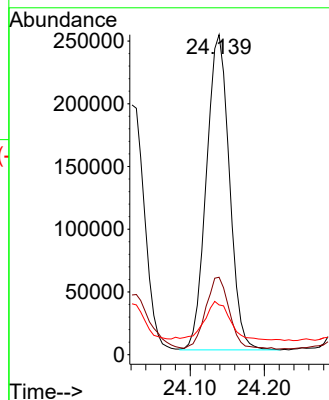
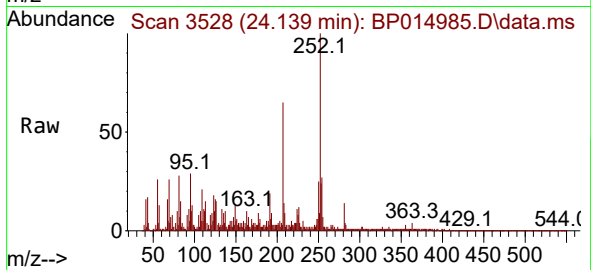
Tgt Ion:252 Resp: 541762

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 15.5 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.985 ng/ul

RT: 27.015 min Scan# 4017

Delta R.T. 0.012 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

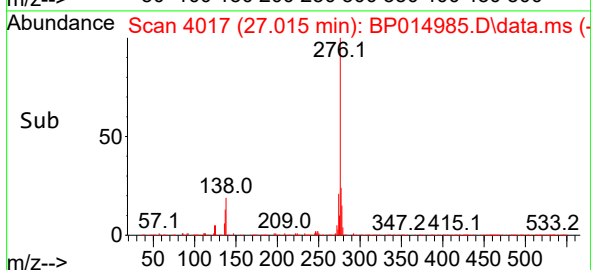
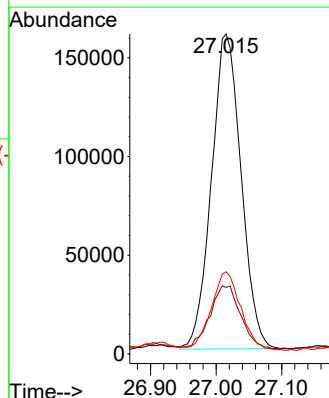
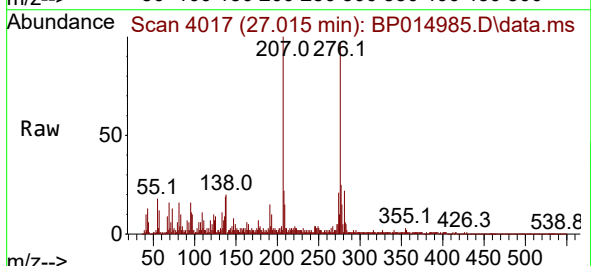
Tgt Ion:276 Resp: 501352

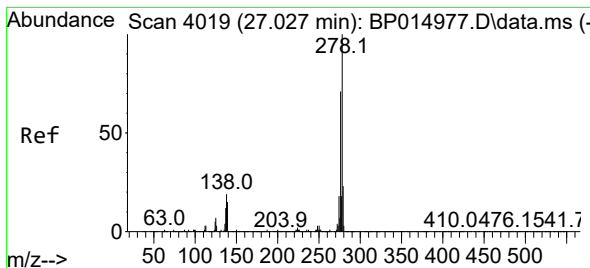
Ion Ratio Lower Upper

276 100

138 20.8 19.4 29.0

277 25.7 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.379 ng/ul

RT: 27.021 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

Instrument :

BNA_P

ClientSampleId :

EW951

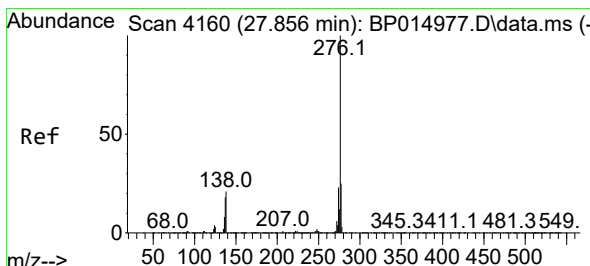
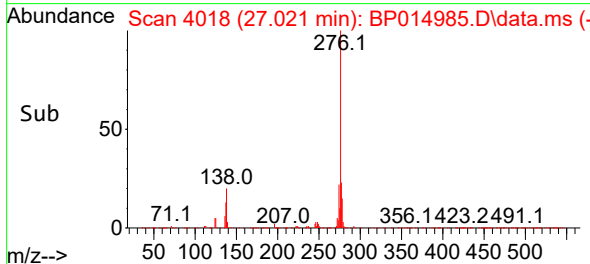
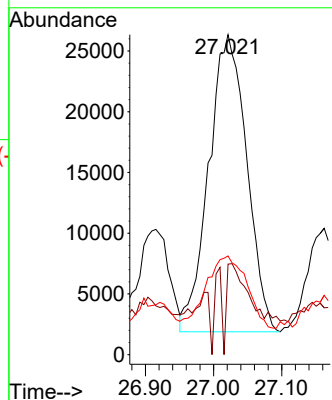
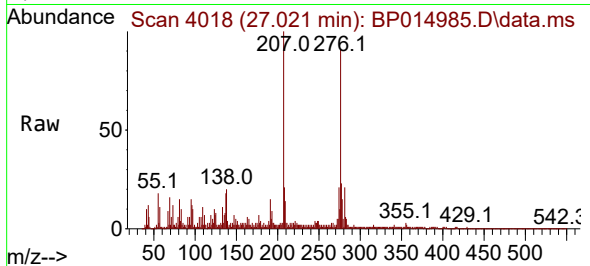
Tgt Ion:278 Resp: 94706

Ion Ratio Lower Upper

278 100

139 28.3 12.9 19.3#

279 30.9 19.0 28.6#



#96

Benzo(g,h,i)perylene

Concen: 11.415 ng/ul

RT: 27.874 min Scan# 4163

Delta R.T. 0.018 min

Lab File: BP014985.D

Acq: 05 May 2023 15:56

Tgt Ion:276 Resp: 813906

Ion Ratio Lower Upper

276 100

138 21.7 18.0 27.0

277 24.4 19.8 29.8

