

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014967.D
 Acq On : 04 May 2023 23:21
 Operator : CG/JU
 Sample : 02479-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW947

Quant Time: May 05 00:21:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

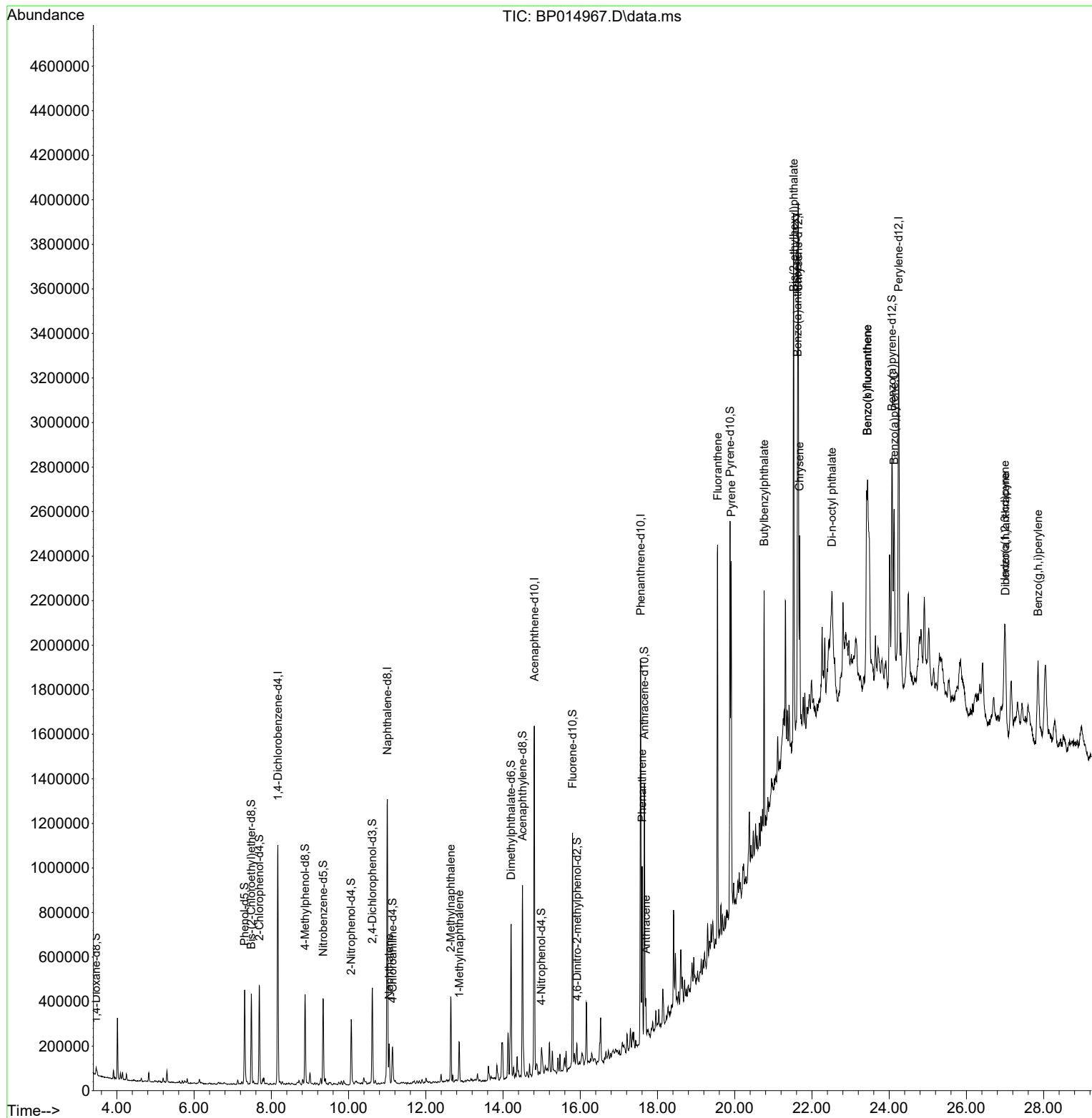
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	291655	20.000	ng/ul	0.00
20) Naphthalene-d8	11.005	136	1075547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	524609	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1030304	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1033332	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1248104	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	16350	2.084	ng/uL	0.00
4) Pyridine-d5	3.887	84	1432	0.067	ng/ul	-0.01
7) Phenol-d5	7.311	99	246049	9.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	171270	10.958	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	207948	11.184	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	158037	8.110	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	96355	12.596	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	96984	12.347	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	164423	10.661	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	106453	4.772	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	453892	12.225	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	551682	12.389	ng/ul	0.00
54) 4-Nitrophenol-d4	14.993	143	25845	4.001	ng/ul	0.00
60) Fluorene-d10	15.798	176	389485	12.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	14337	2.472	ng/ul	0.00
73) Anthracene-d10	17.663	188	616740	13.323	ng/ul	0.00
81) Pyrene-d10	19.881	212	772200	11.080	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	825964	13.582	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.052	128	137613	2.328	ng/ul	99
36) 2-Methylnaphthalene	12.646	142	180380	4.934	ng/ul	98
37) 1-Methylnaphthalene	12.869	142	83900	2.226	ng/ul	96
72) Phenanthrene	17.604	178	459967	8.081	ng/ul	99
74) Anthracene	17.698	178	120093	2.119	ng/ul	98
80) Fluoranthene	19.557	202	1027885	12.019	ng/ul	96
82) Pyrene	19.910	202	941777	10.394	ng/ul	96
83) Butylbenzylphthalate	20.763	149	300192	11.035	ng/ul	97
85) Benzo(a)anthracene	21.627	228	555507	8.054	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	887716	25.935	ng/ul#	99
87) Chrysene	21.680	228	524070	7.546	ng/ul	97
89) Di-n-octyl phthalate	22.516	149	81250	1.115	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	798642	9.901	ng/ul#	95
91) Benzo(k)fluoranthene	23.439	252	798642	9.728	ng/ul	96
93) Benzo(a)pyrene	24.127	252	575833	8.140	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.998	276	454556	5.268	ng/ul	97
95) Dibenzo(a,h)anthracene	27.010	278	124700	1.763	ng/ul#	77
96) Benzo(g,h,i)perylene	27.857	276	482233	6.566	ng/ul	98

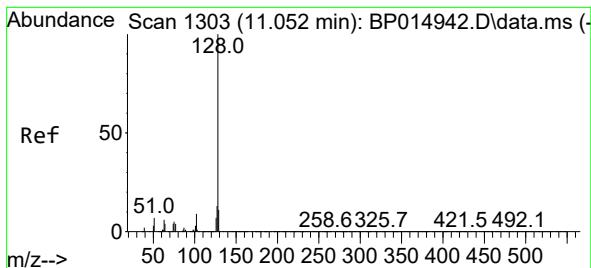
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 2.328 ng/ul

RT: 11.052 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Instrument :

BNA_P

ClientSampleId :

EW947

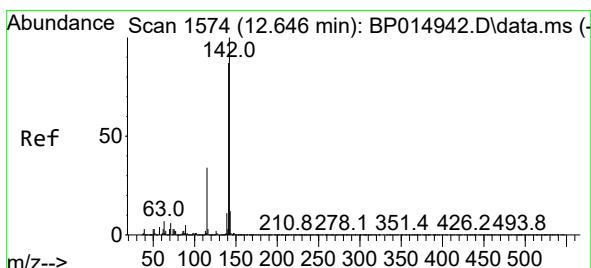
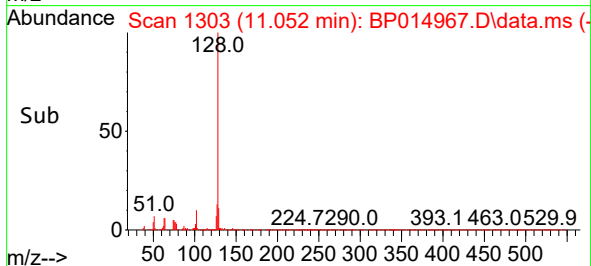
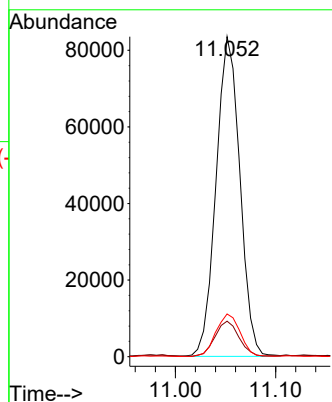
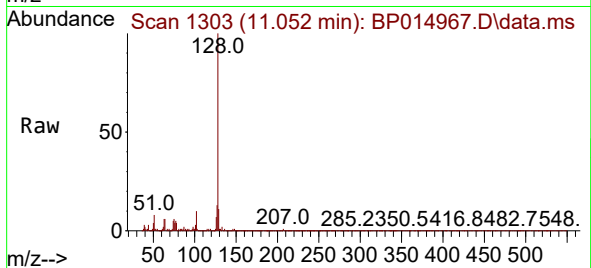
Tgt Ion:128 Resp: 137613

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.3 10.4 15.6



#36

2-Methylnaphthalene

Concen: 4.934 ng/ul

RT: 12.646 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BP014967.D

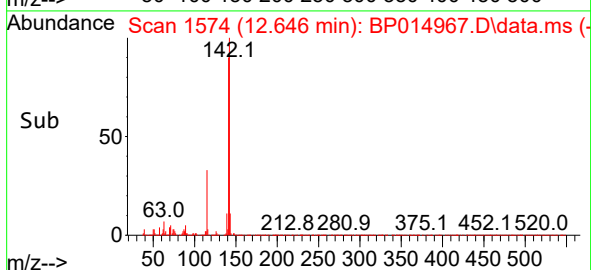
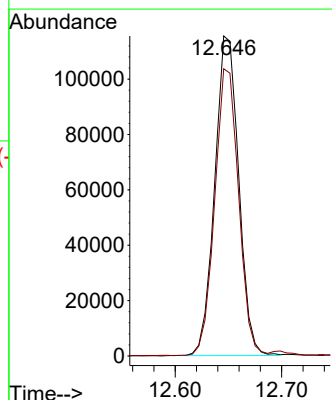
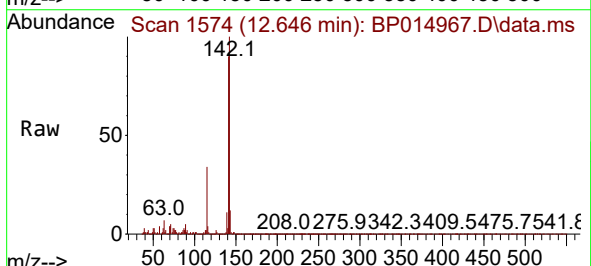
Acq: 04 May 2023 23:21

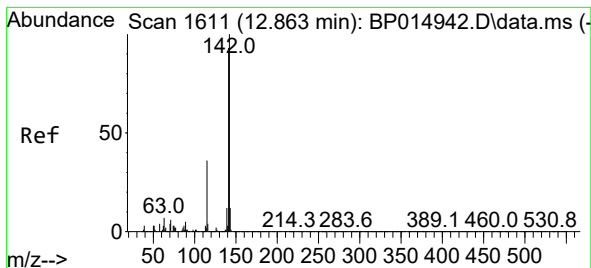
Tgt Ion:142 Resp: 180380

Ion Ratio Lower Upper

142 100

141 89.8 70.5 105.7





#37

1-Methylnaphthalene

Concen: 2.226 ng/ul

RT: 12.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Instrument :

BNA_P

ClientSampleId :

EW947

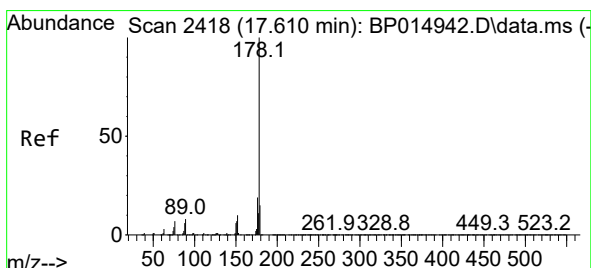
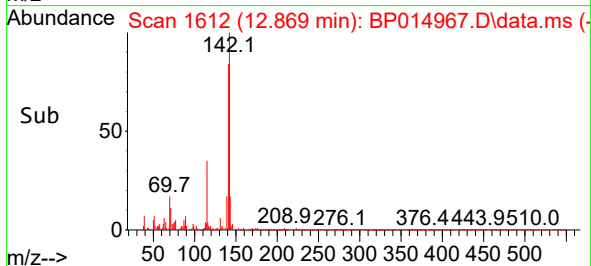
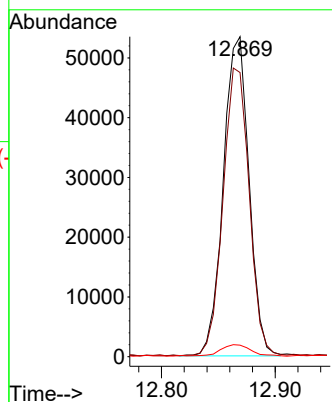
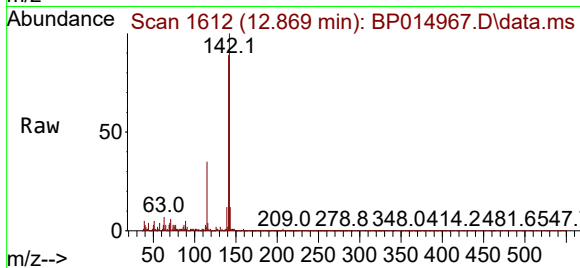
Tgt Ion:142 Resp: 83900

Ion Ratio Lower Upper

142 100

141 88.8 74.4 111.6

116 3.6 2.9 4.3



#72

Phenanthrene

Concen: 8.081 ng/ul

RT: 17.604 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

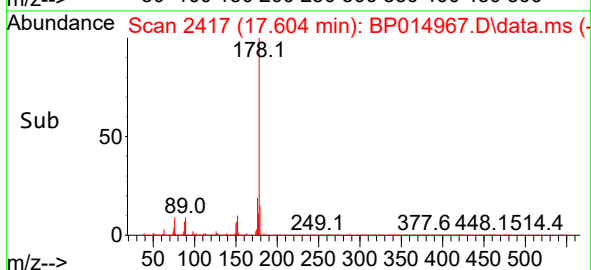
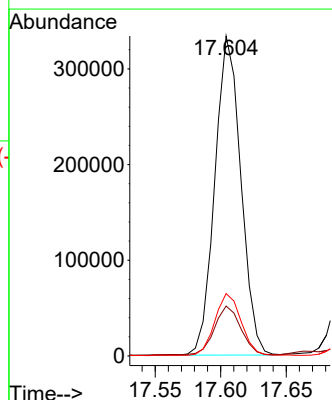
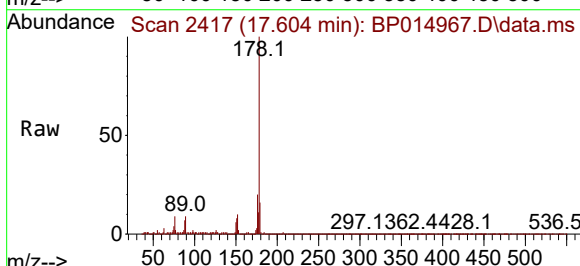
Tgt Ion:178 Resp: 459967

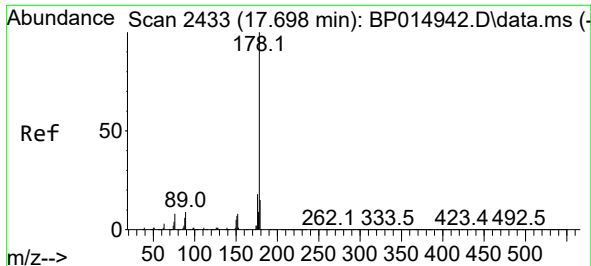
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.5 15.4 23.0

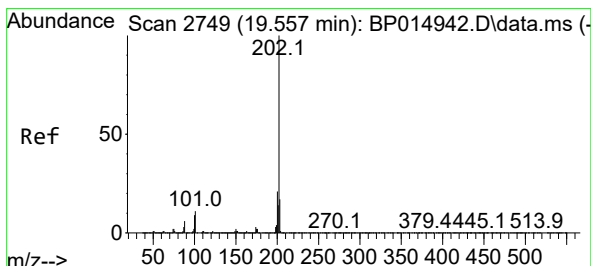
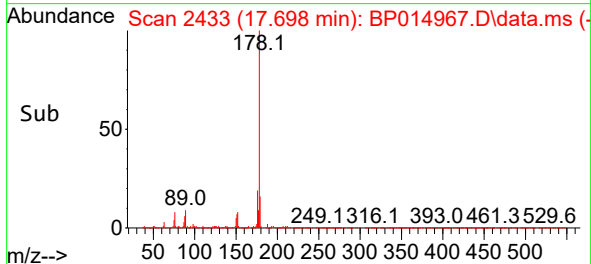
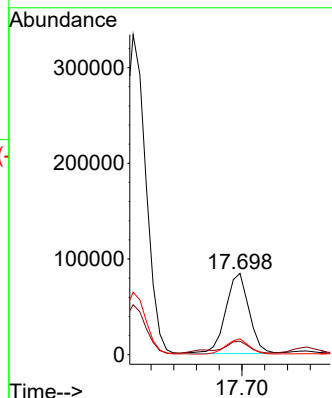
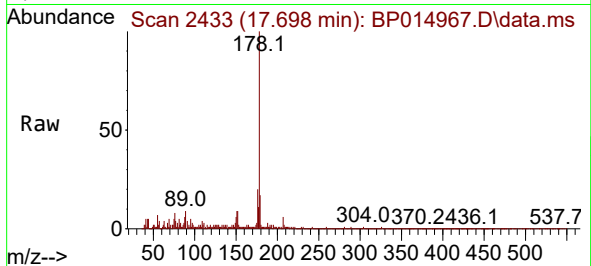




#74
 Anthracene
 Concen: 2.119 ng/ul
 RT: 17.698 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BP014967.D
 Acq: 04 May 2023 23:21

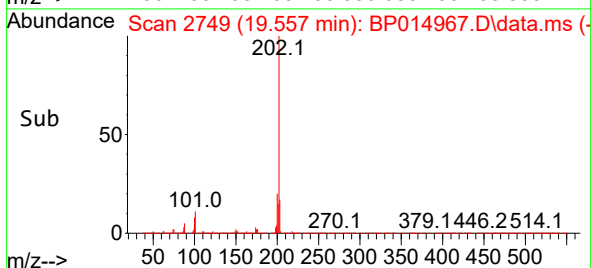
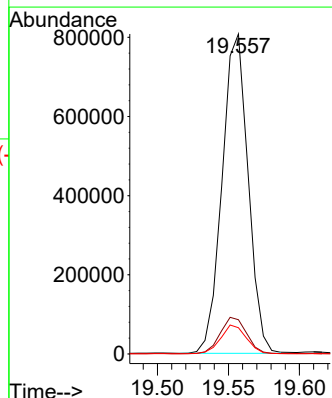
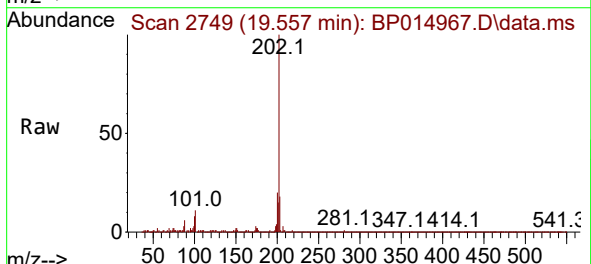
Instrument :
 BNA_P
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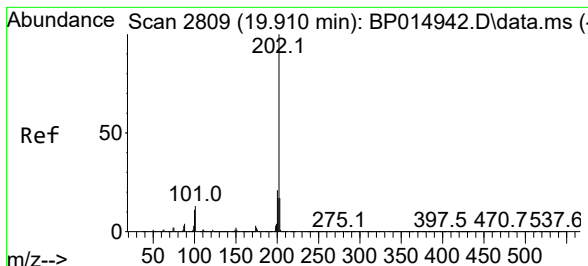
Tgt Ion:178 Resp: 120093
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.6 18.8
 176 19.6 15.0 22.4



#80
 Fluoranthene
 Concen: 12.019 ng/ul
 RT: 19.557 min Scan# 2749
 Delta R.T. -0.000 min
 Lab File: BP014967.D
 Acq: 04 May 2023 23:21

Tgt Ion:202 Resp: 1027885
 Ion Ratio Lower Upper
 202 100
 101 10.7 10.1 15.1
 100 8.2 7.7 11.5





#82

Pyrene

Concen: 10.394 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Instrument :

BNA_P

ClientSampleId :

EW947

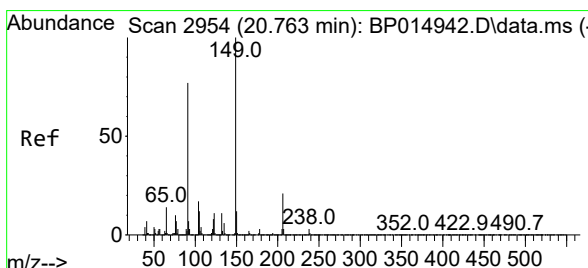
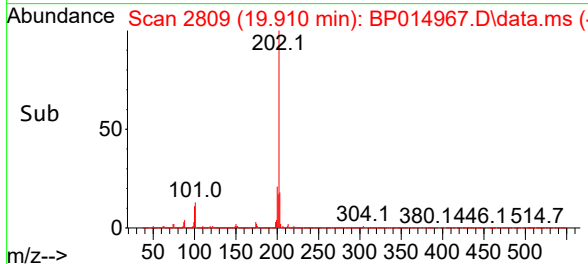
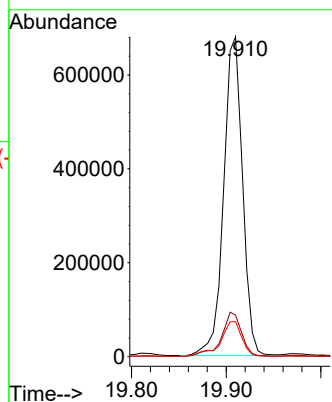
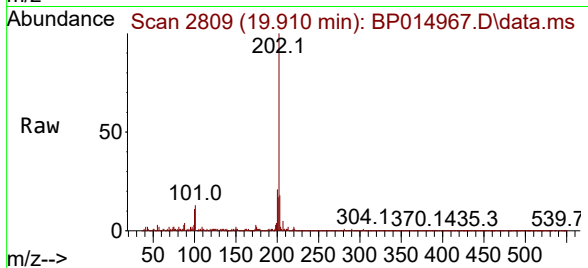
Tgt Ion:202 Resp: 941777

Ion Ratio Lower Upper

202 100

101 13.0 11.9 17.9

100 10.9 9.7 14.5



#83

Butylbenzylphthalate

Concen: 11.035 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

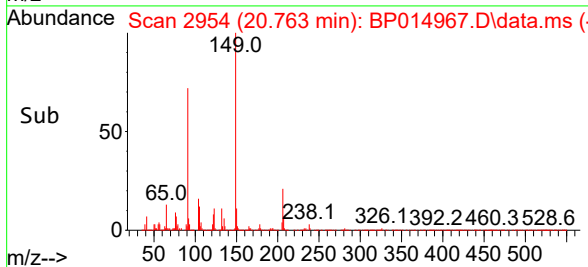
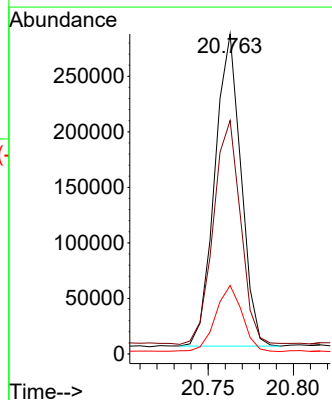
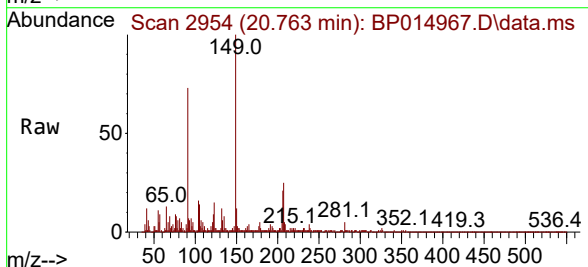
Tgt Ion:149 Resp: 300192

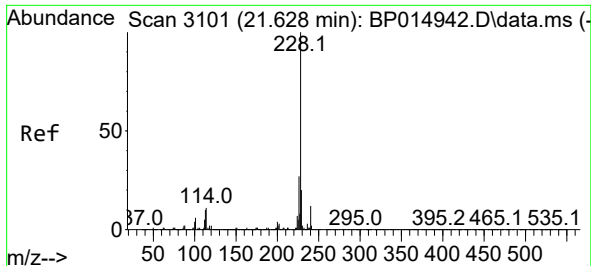
Ion Ratio Lower Upper

149 100

91 73.0 60.1 90.1

206 21.4 16.0 24.0

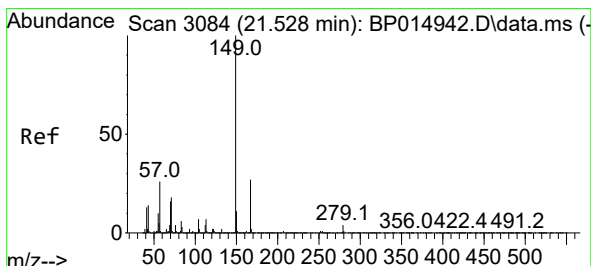
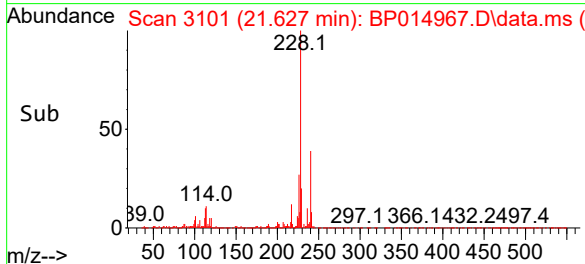
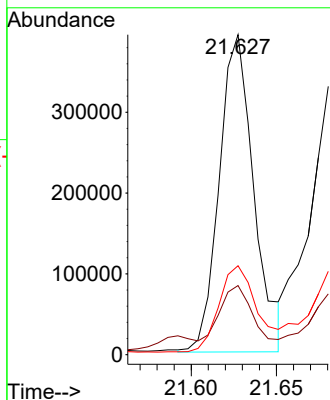
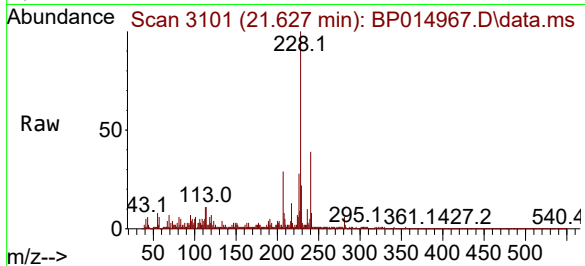




#85
Benzo(a)anthracene
Concen: 8.054 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014967.D
Acq: 04 May 2023 23:21

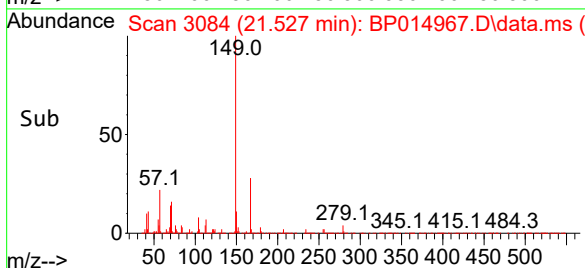
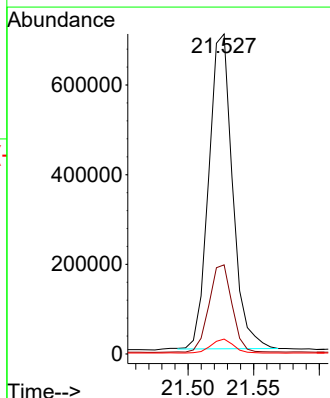
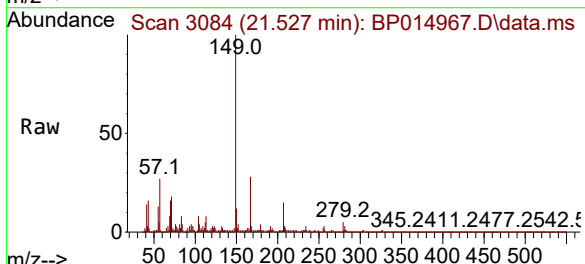
Instrument :
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EW947

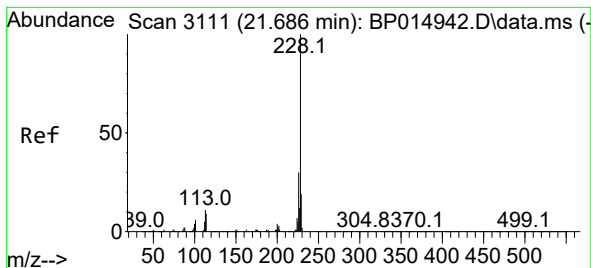
Tgt Ion:228 Resp: 555507
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 27.8 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.935 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP014967.D
Acq: 04 May 2023 23:21

Tgt Ion:149 Resp: 887716
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.6 2.9 4.3#





#87

Chrysene

Concen: 7.546 ng/ul

RT: 21.680 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Instrument :

BNA_P

ClientSampleId :

EW947

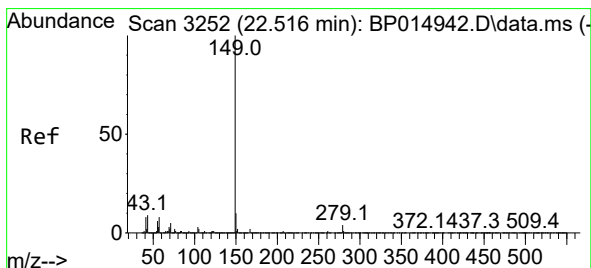
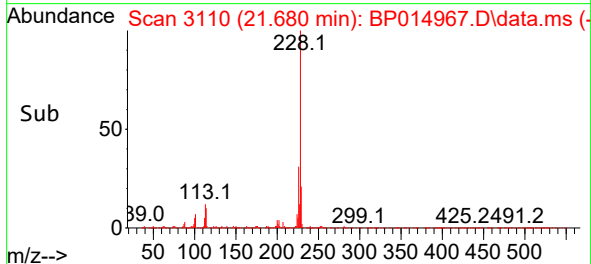
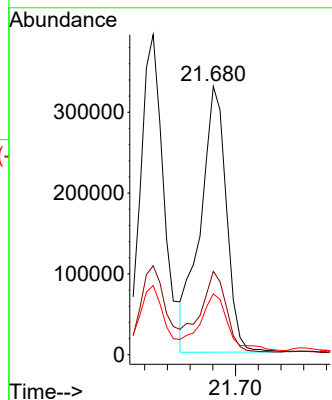
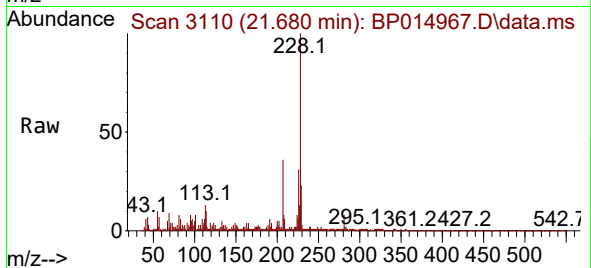
Tgt Ion:228 Resp: 524070

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 22.7 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 1.115 ng/ul

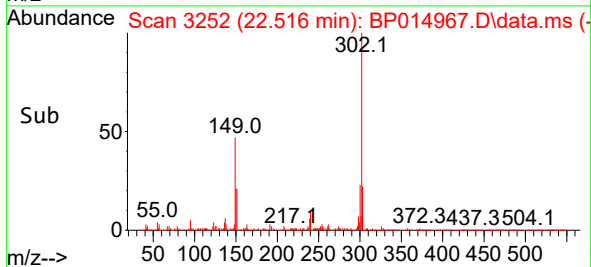
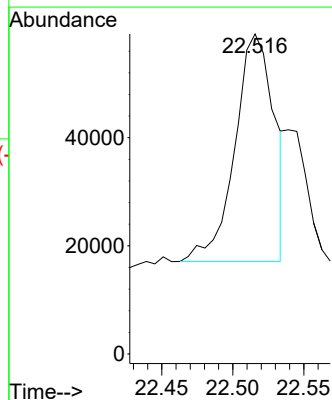
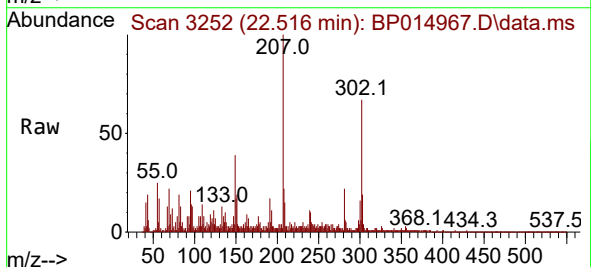
RT: 22.516 min Scan# 3252

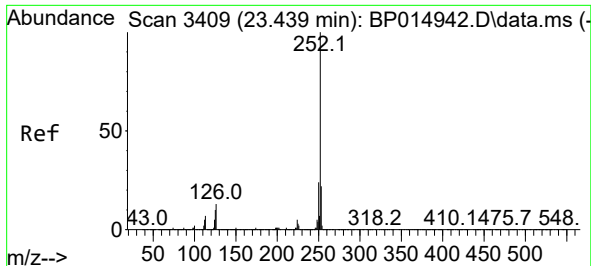
Delta R.T. -0.000 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Tgt Ion:149 Resp: 81250

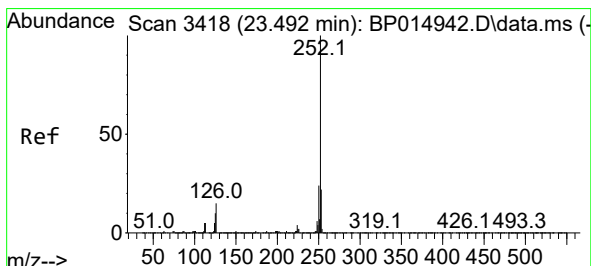
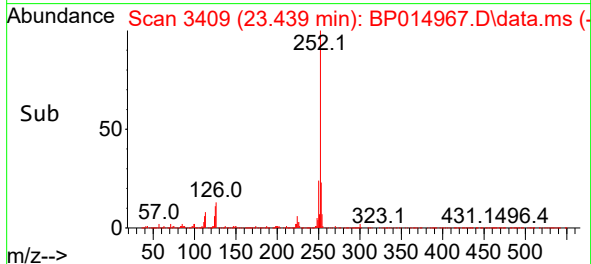
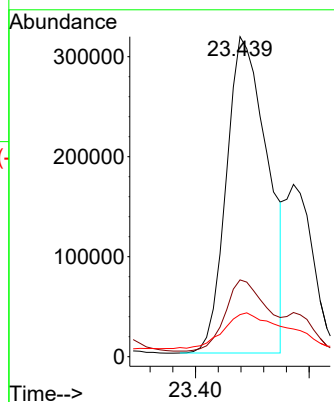
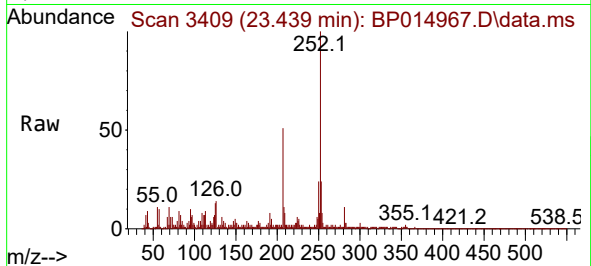




#90
Benzo(b)fluoranthene
Concen: 9.901 ng/ul
RT: 23.439 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP014967.D
Acq: 04 May 2023 23:21

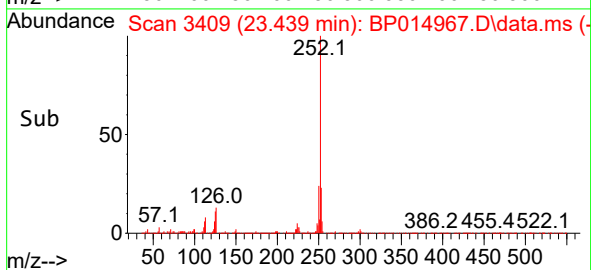
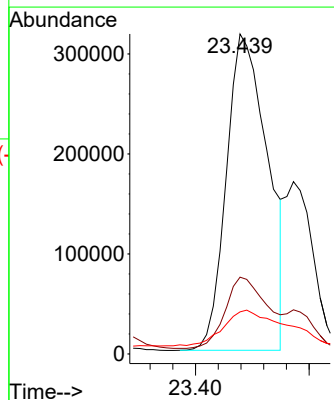
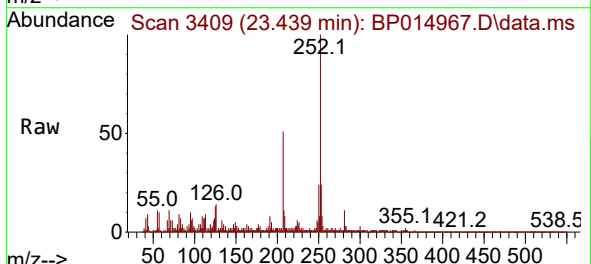
Instrument :
BNA_P
ClientSampleId :
EW947

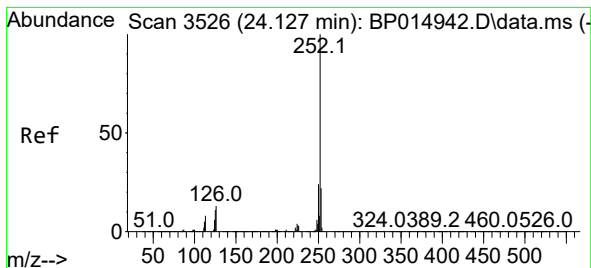
Tgt Ion:252 Resp: 798642
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 13.2 8.4 12.6#



#91
Benzo(k)fluoranthene
Concen: 9.728 ng/ul
RT: 23.439 min Scan# 3409
Delta R.T. -0.053 min
Lab File: BP014967.D
Acq: 04 May 2023 23:21

Tgt Ion:252 Resp: 798642
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 13.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 8.140 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. -0.000 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Instrument :

BNA_P

ClientSampleId :

EW947

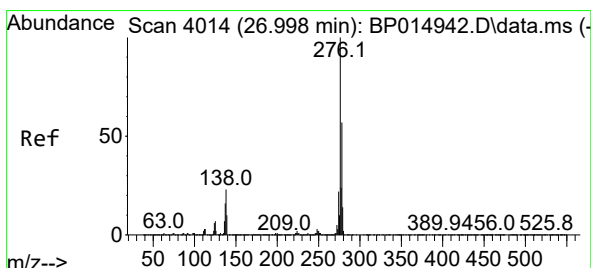
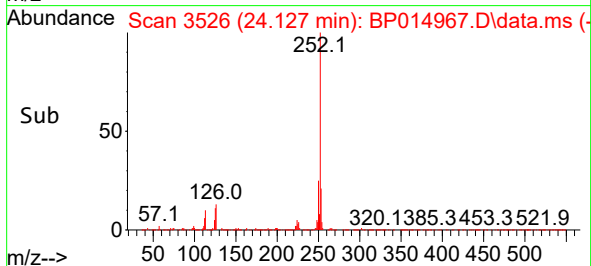
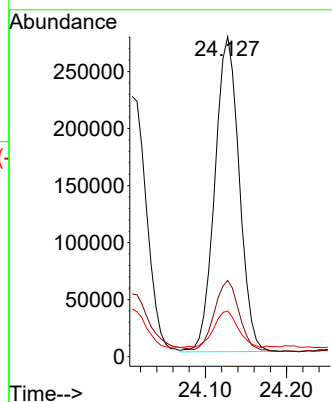
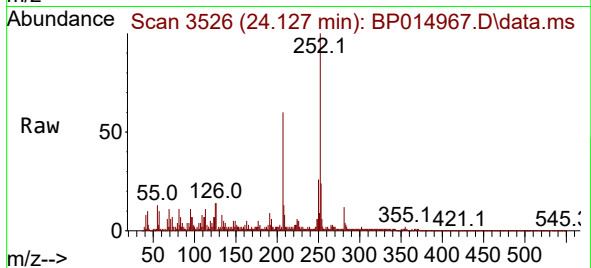
Tgt Ion:252 Resp: 575833

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 14.3 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.268 ng/ul

RT: 26.998 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

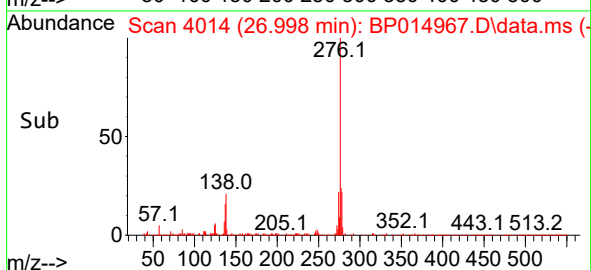
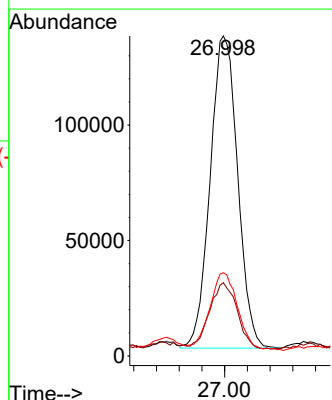
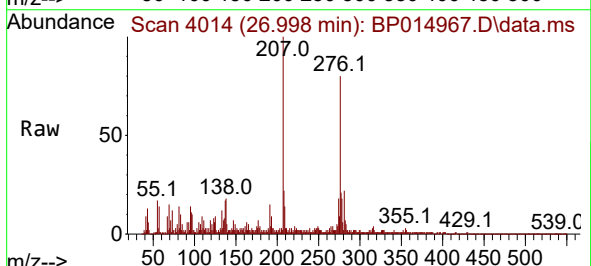
Tgt Ion:276 Resp: 454556

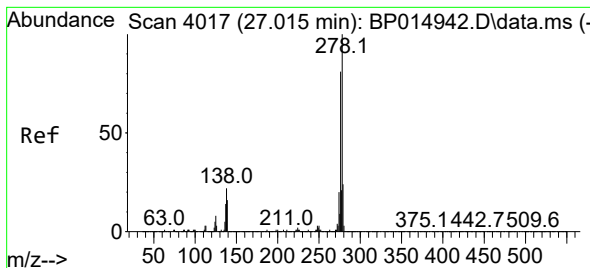
Ion Ratio Lower Upper

276 100

138 22.9 19.4 29.0

277 26.0 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.763 ng/ul

RT: 27.010 min Scan# 4017

Delta R.T. -0.006 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Instrument :

BNA_P

ClientSampleId :

EW947

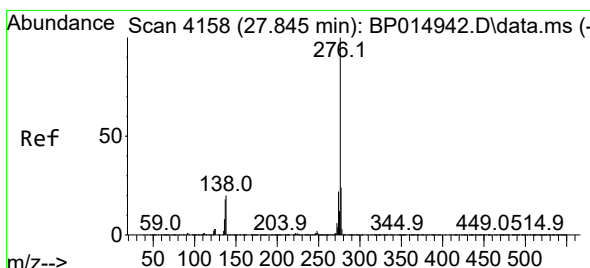
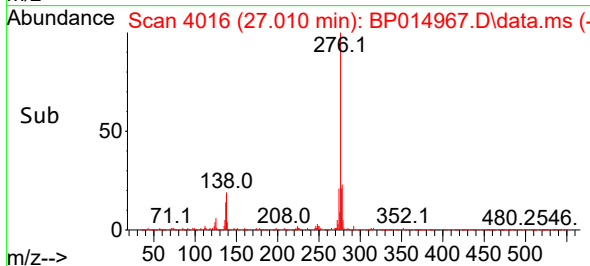
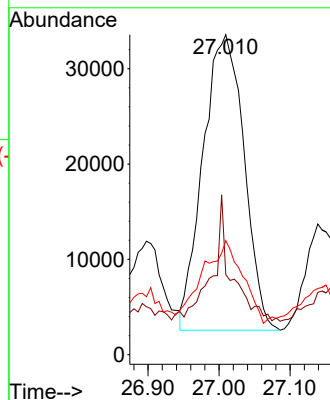
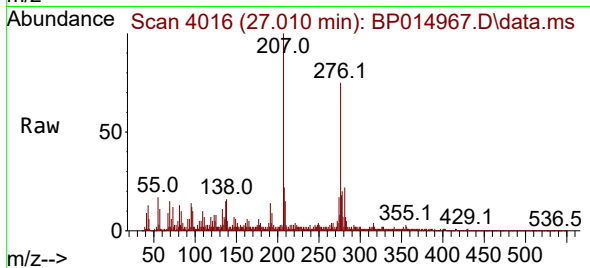
Tgt Ion:278 Resp: 124700

Ion Ratio Lower Upper

278 100

139 25.0 12.9 19.3#

279 35.6 19.0 28.6#



#96

Benzo(g,h,i)perylene

Concen: 6.566 ng/ul

RT: 27.857 min Scan# 4160

Delta R.T. 0.012 min

Lab File: BP014967.D

Acq: 04 May 2023 23:21

Tgt Ion:276 Resp: 482233

Ion Ratio Lower Upper

276 100

138 23.2 18.0 27.0

277 26.1 19.8 29.8

