

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014944.D
 Acq On : 04 May 2023 10:32
 Operator : CG/JU
 Sample : 02447-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW941

Quant Time: May 04 22:41:02 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

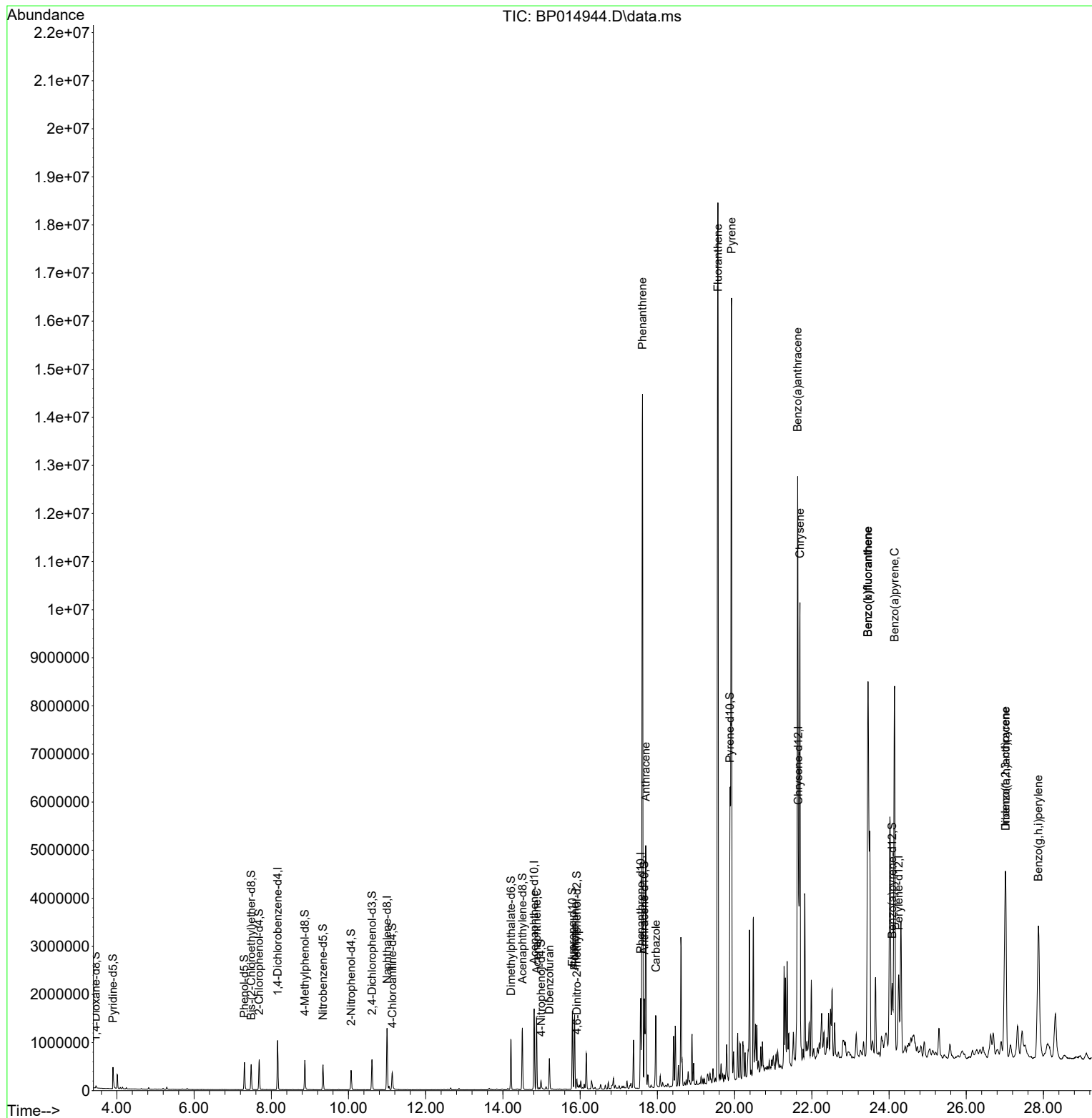
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	276748	20.000	ng/ul	0.00
20) Naphthalene-d8	10.998	136	1052108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	568690	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1185514	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1081664	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1352810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	22268	2.992	ng/uL	0.00
4) Pyridine-d5	3.899	84	233770	11.491	ng/ul	0.00
7) Phenol-d5	7.305	99	343688	14.324	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	226645	15.283	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	284513	16.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	237058	12.821	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	126711	16.934	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	132825	17.287	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	238784	15.827	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	221831	10.166	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	697768	17.336	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	834737	17.293	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	46355	6.620	ng/ul	0.00
60) Fluorene-d10	15.798	176	613111	17.706	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	43863	6.573	ng/ul	0.00
73) Anthracene-d10	17.663	188	931090	17.480	ng/ul	0.00
81) Pyrene-d10	19.880	212	1133566	15.538	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1229569	18.654	ng/ul	0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.875	153	602541	15.911	ng/ul	98
56) Dibenzofuran	15.204	168	382688	7.489	ng/ul	99
61) Fluorene	15.857	166	689206	17.098	ng/ul	99
63) 4-Nitroaniline	15.857	138	7367	1.304	ng/ul#	23
72) Phenanthrene	17.616	178	9738326	148.689	ng/ul	98
74) Anthracene	17.698	178	3041207	46.640	ng/ul	100
77) Carbazole	17.963	167	928856	16.936	ng/ul	99
80) Fluoranthene	19.569	202	13487602	150.668	ng/ul#	93
82) Pyrene	19.922	202	11784907	124.258	ng/ul	94
85) Benzo(a)anthracene	21.633	228	6491715	89.916	ng/ul	98
87) Chrysene	21.692	228	5856647	80.564	ng/ul	97
90) Benzo(b)fluoranthene	23.457	252	8510959	97.346	ng/ul	98
91) Benzo(k)fluoranthene	23.457	252	8510959	95.650	ng/ul	99
93) Benzo(a)pyrene	24.145	252	6342265	82.715	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	4610219	49.291	ng/ul	97
95) Dibenzo(a,h)anthracene	27.021	278	1071262	13.974	ng/ul#	84
96) Benzo(g,h,i)perylene	27.868	276	4032141	50.653	ng/ul	98

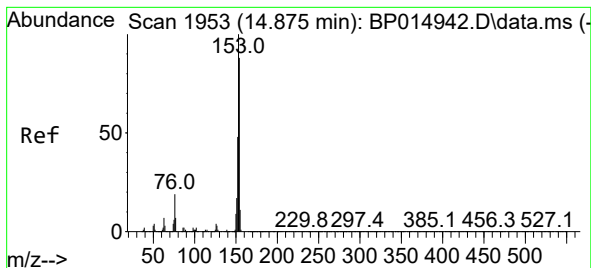
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 15.911 ng/ul

RT: 14.875 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

Instrument :

BNA_P

ClientSampleId :

EW941

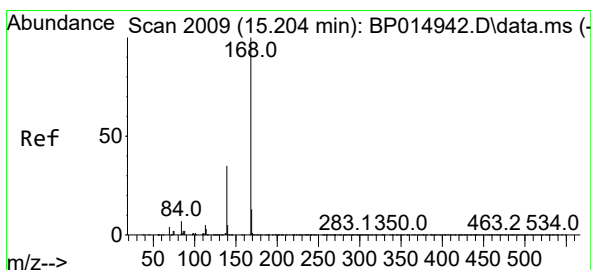
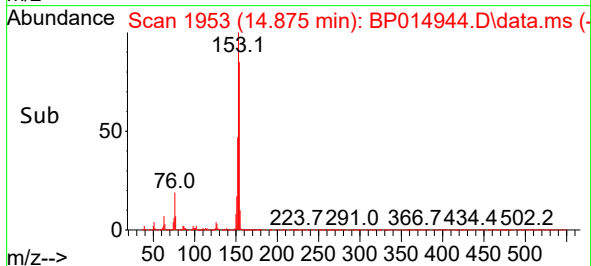
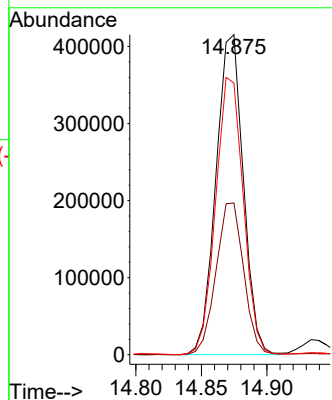
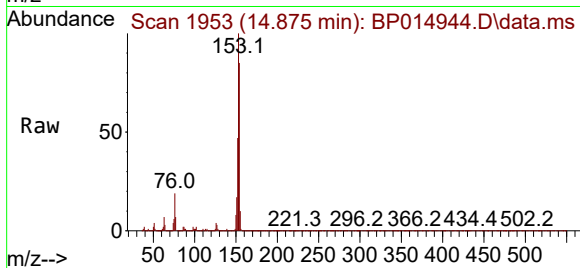
Tgt Ion:153 Resp: 602541

Ion Ratio Lower Upper

153 100

152 47.4 38.8 58.2

154 84.9 69.6 104.4



#56

Dibenzofuran

Concen: 7.489 ng/ul

RT: 15.204 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BP014944.D

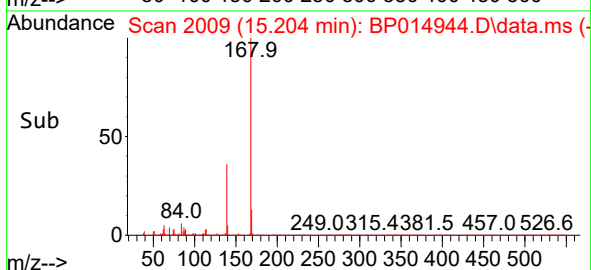
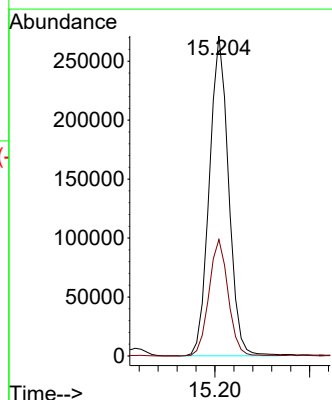
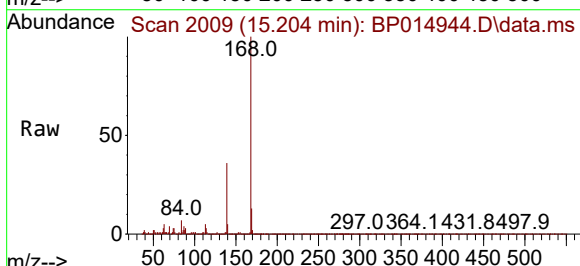
Acq: 04 May 2023 10:32

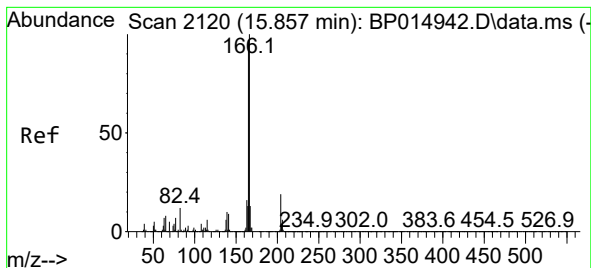
Tgt Ion:168 Resp: 382688

Ion Ratio Lower Upper

168 100

139 36.4 28.6 42.8





#61

Fluorene

Concen: 17.098 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

Instrument :

BNA_P

ClientSampleId :

EW941

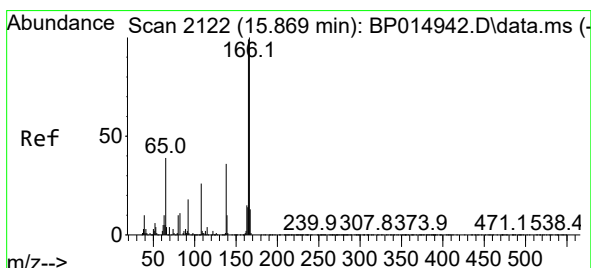
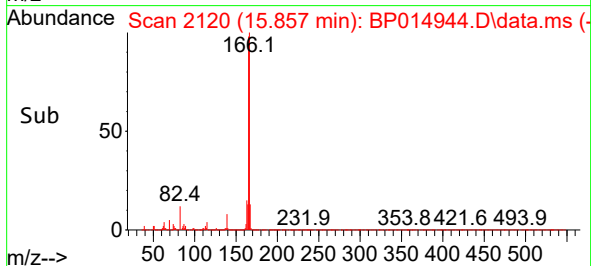
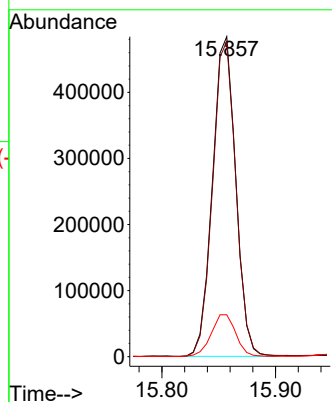
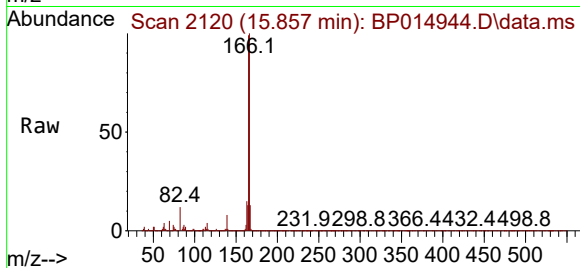
Tgt Ion:166 Resp: 689206

Ion Ratio Lower Upper

166 100

165 98.5 79.3 118.9

167 13.1 10.7 16.1



#63

4-Nitroaniline

Concen: 1.304 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. -0.012 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

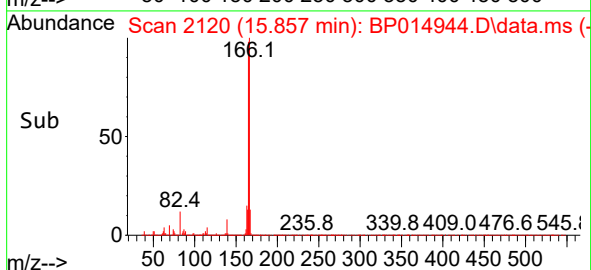
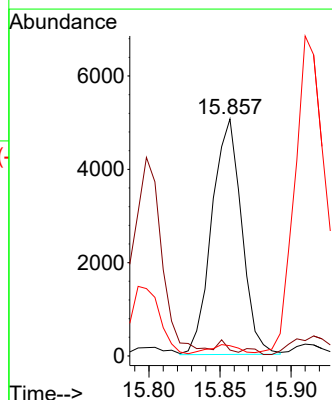
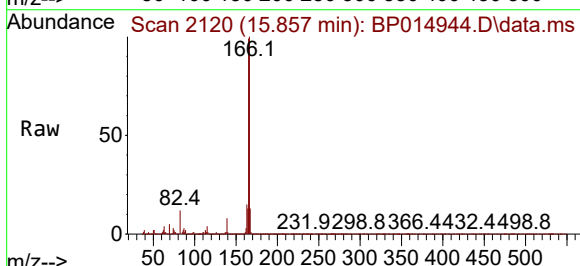
Tgt Ion:138 Resp: 7367

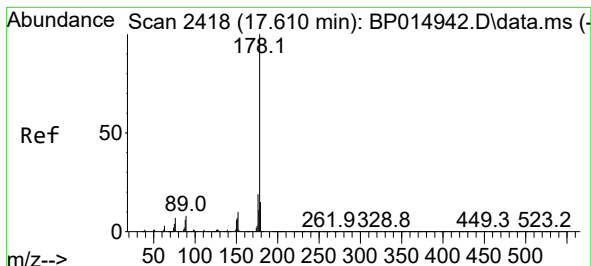
Ion Ratio Lower Upper

138 100

92 2.5 43.7 65.5#

108 4.3 57.4 86.2#





#72

Phenanthrene

Concen: 148.689 ng/ul

RT: 17.616 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

Instrument :

BNA_P

ClientSampleId :

EW941

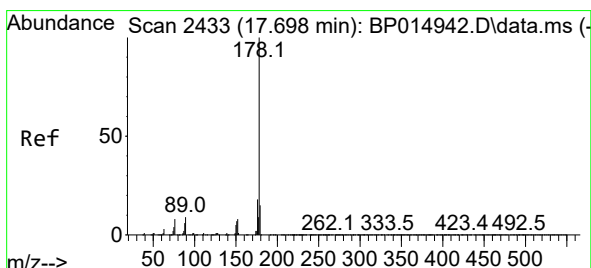
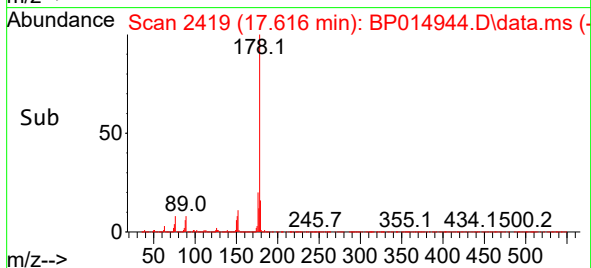
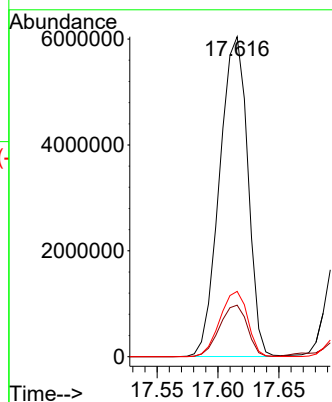
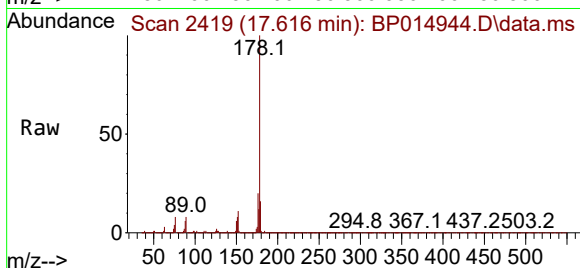
Tgt Ion:178 Resp: 9738326

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

176 20.4 15.4 23.0



#74

Anthracene

Concen: 46.640 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

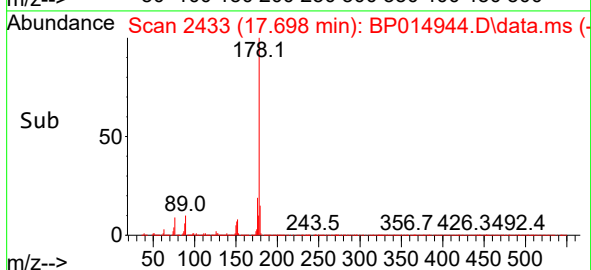
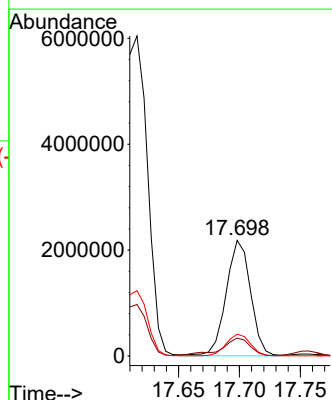
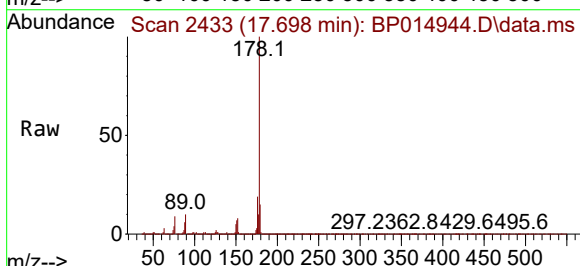
Tgt Ion:178 Resp: 3041207

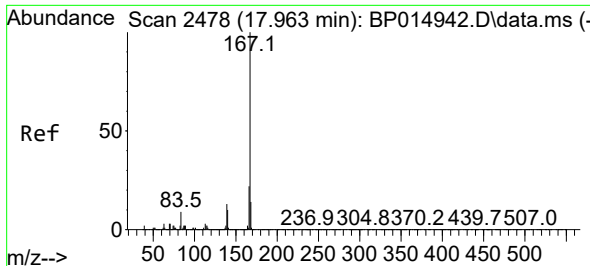
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.8 15.0 22.4

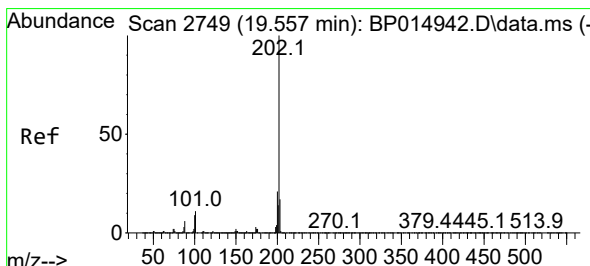
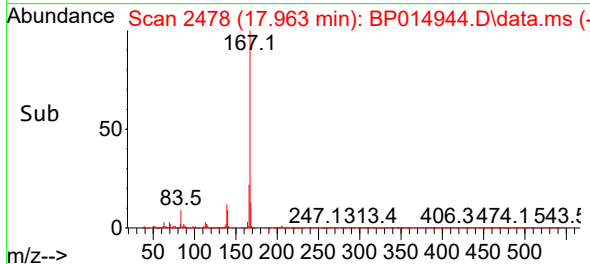
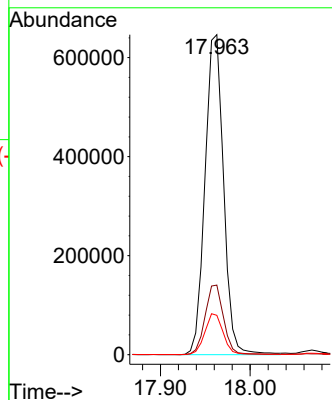
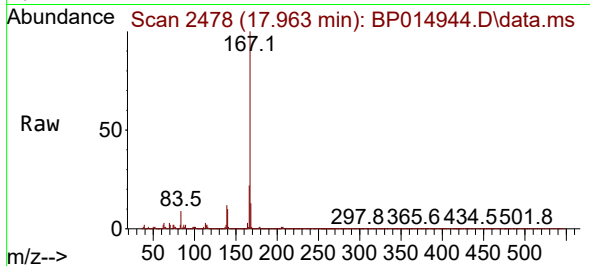




#77
 Carbazole
 Concen: 16.936 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BP014944.D
 Acq: 04 May 2023 10:32

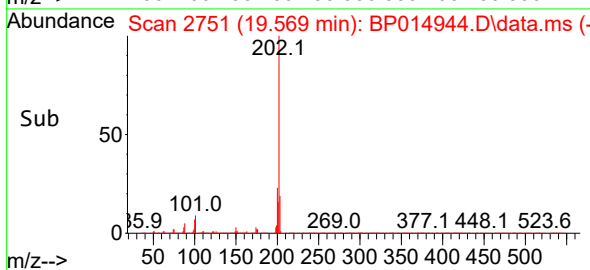
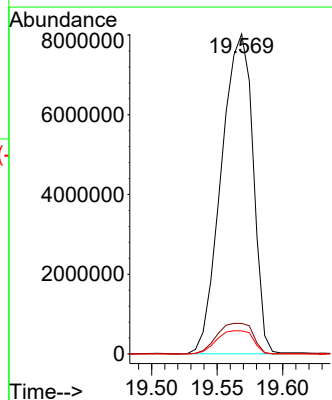
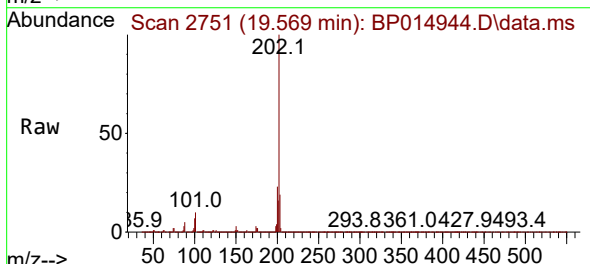
Instrument :
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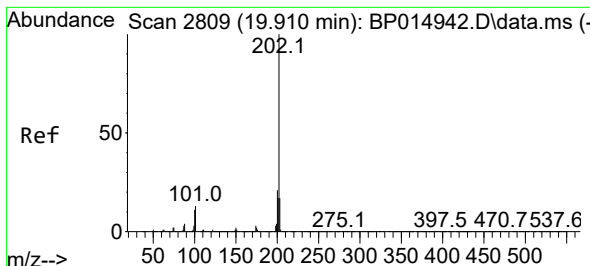
Tgt Ion:167 Resp: 928856
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.3 10.1 15.1



#80
 Fluoranthene
 Concen: 150.668 ng/ul
 RT: 19.569 min Scan# 2751
 Delta R.T. 0.012 min
 Lab File: BP014944.D
 Acq: 04 May 2023 10:32

Tgt Ion:202 Resp:13487602
 Ion Ratio Lower Upper
 202 100
 101 9.5 10.1 15.1#
 100 7.2 7.7 11.5#





#82

Pyrene

Concen: 124.258 ng/ul

RT: 19.922 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

Instrument :

BNA_P

ClientSampleId :

EW941

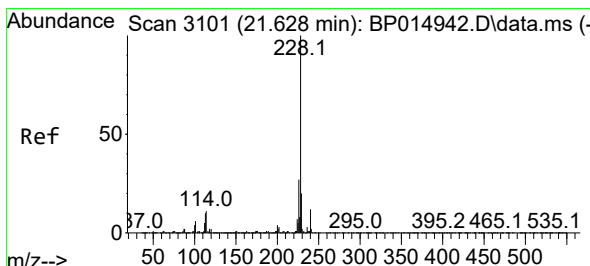
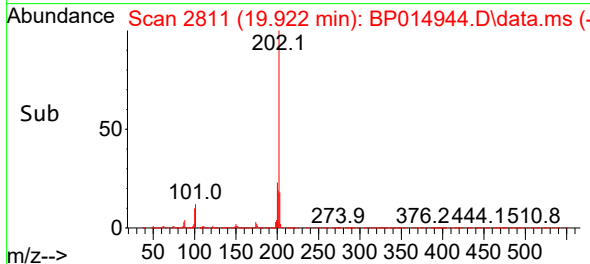
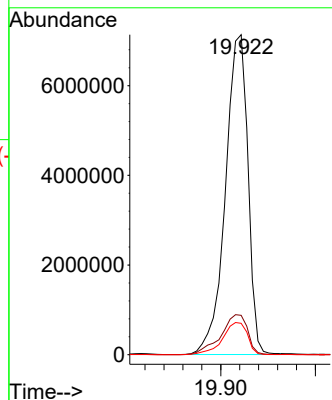
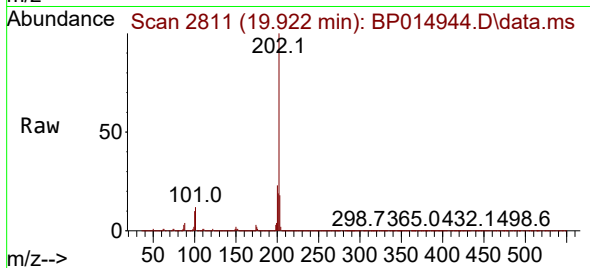
Tgt Ion:202 Resp:11784907

Ion Ratio Lower Upper

202 100

101 12.3 11.9 17.9

100 9.8 9.7 14.5



#85

Benzo(a)anthracene

Concen: 89.916 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

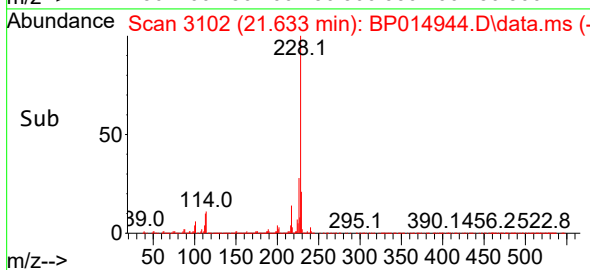
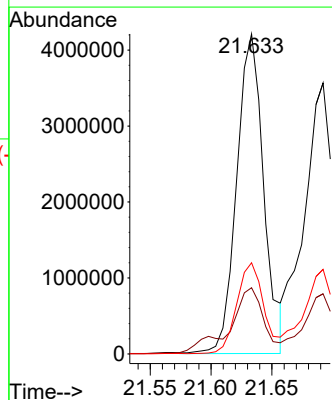
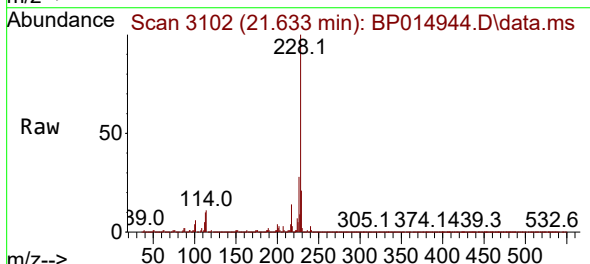
Tgt Ion:228 Resp: 6491715

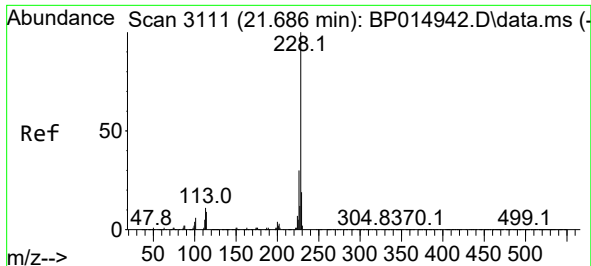
Ion Ratio Lower Upper

228 100

229 20.7 15.9 23.9

226 28.5 22.1 33.1





#87

Chrysene

Concen: 80.564 ng/ul

RT: 21.692 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

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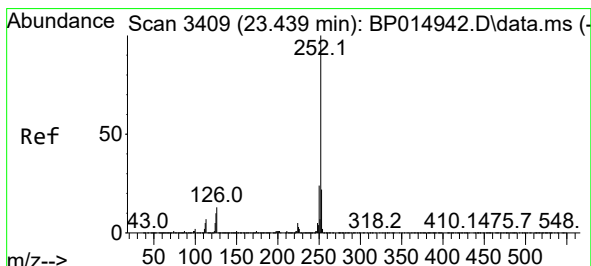
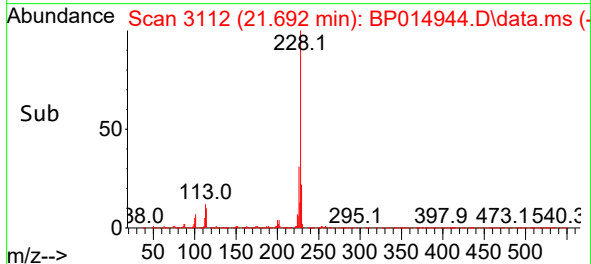
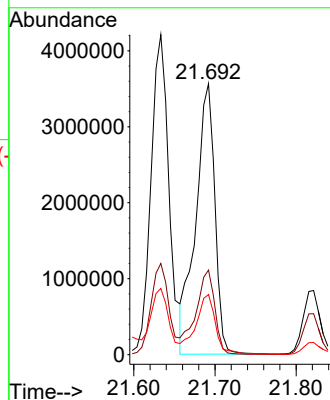
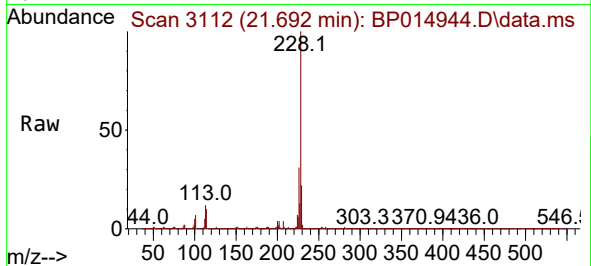
Tgt Ion:228 Resp: 5856647

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 22.2 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 97.346 ng/ul

RT: 23.457 min Scan# 3412

Delta R.T. 0.017 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

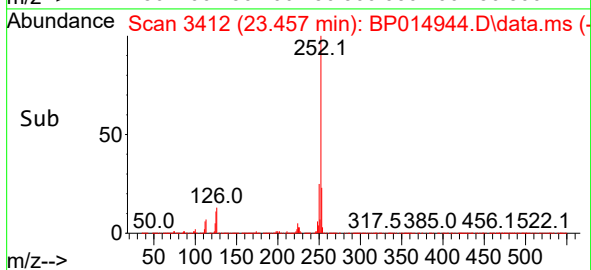
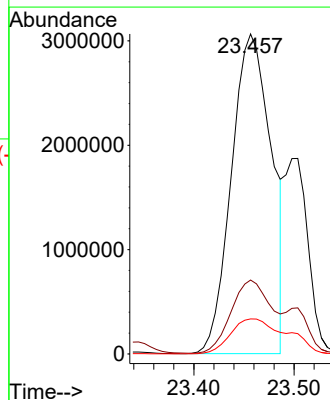
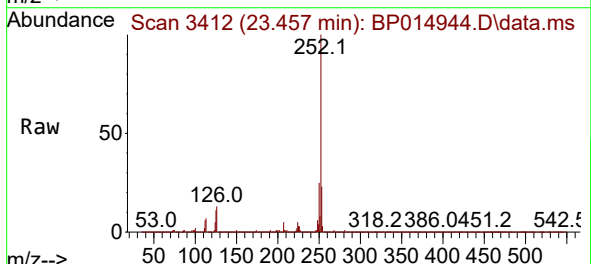
Tgt Ion:252 Resp: 8510959

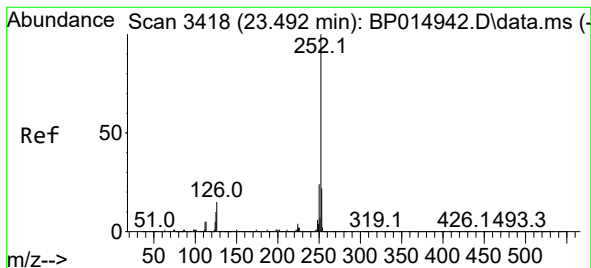
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 11.0 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 95.650 ng/ul

RT: 23.457 min Scan# 3418

Delta R.T. -0.035 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

Instrument :

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EW941

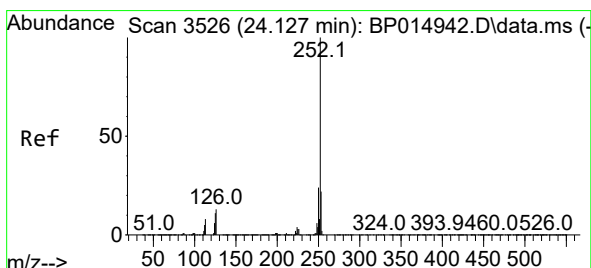
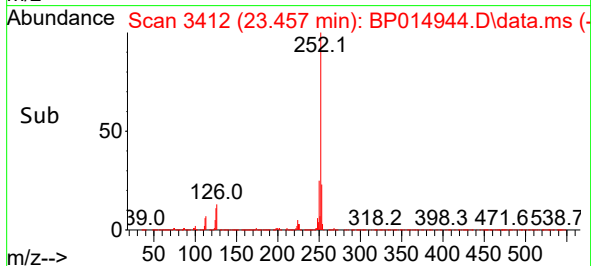
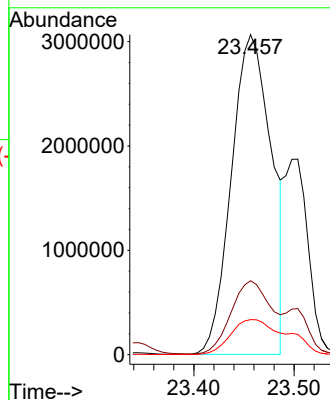
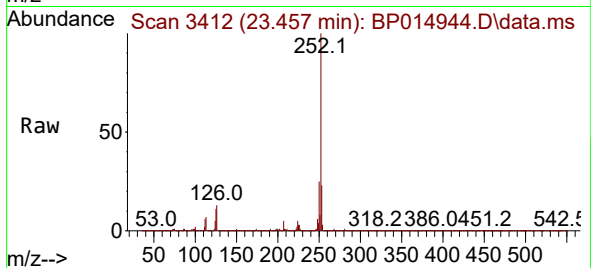
Tgt Ion:252 Resp: 8510959

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 11.0 8.9 13.3



#93

Benzo(a)pyrene

Concen: 82.715 ng/ul

RT: 24.145 min Scan# 3529

Delta R.T. 0.017 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

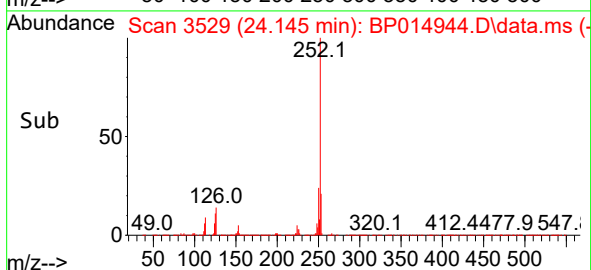
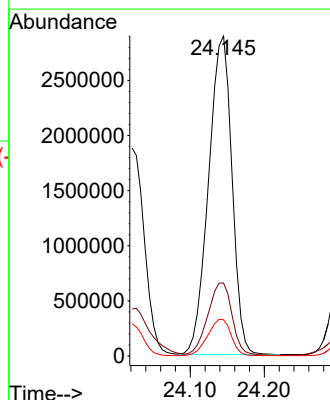
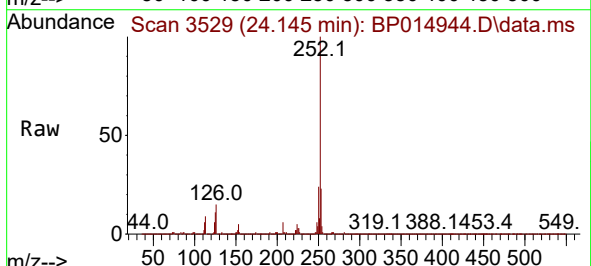
Tgt Ion:252 Resp: 6342265

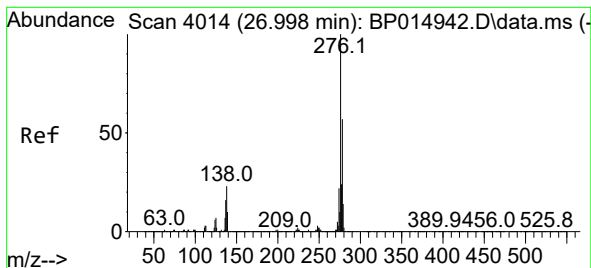
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 11.3 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 49.291 ng/ul

RT: 27.015 min Scan# 4017

Delta R.T. 0.017 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

Instrument :

BNA_P

ClientSampleId :

EW941

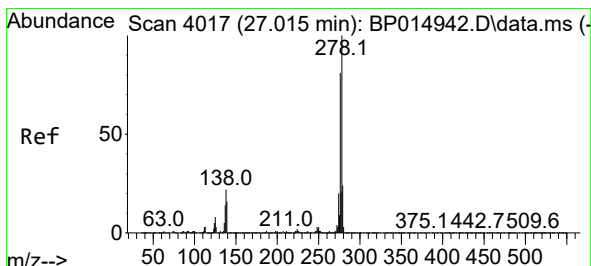
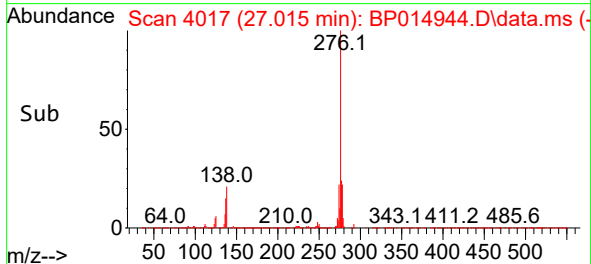
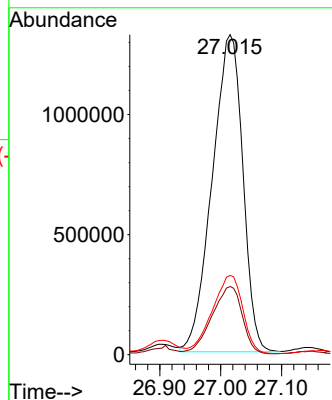
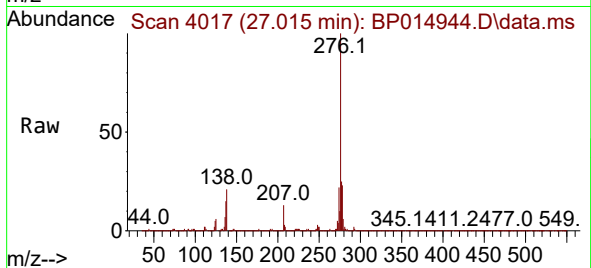
Tgt Ion:276 Resp: 4610219

Ion Ratio Lower Upper

276 100

138 21.3 19.4 29.0

277 24.8 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 13.974 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP014944.D

Acq: 04 May 2023 10:32

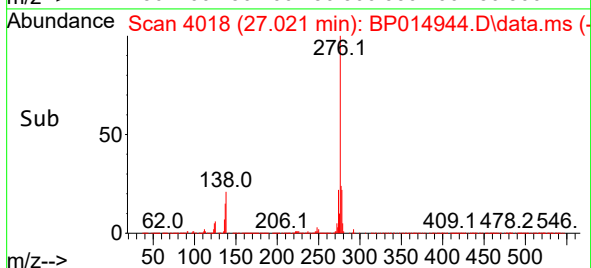
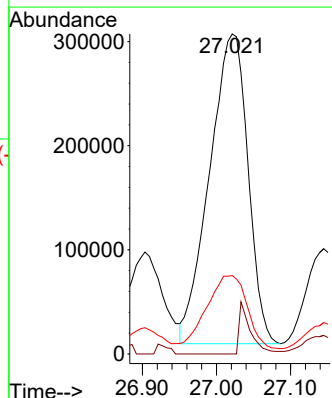
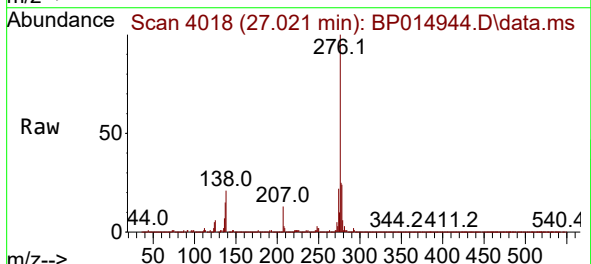
Tgt Ion:278 Resp: 1071262

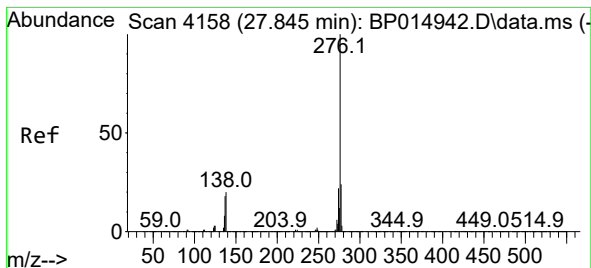
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 24.5 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 50.653 ng/ul

RT: 27.868 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP014944.D

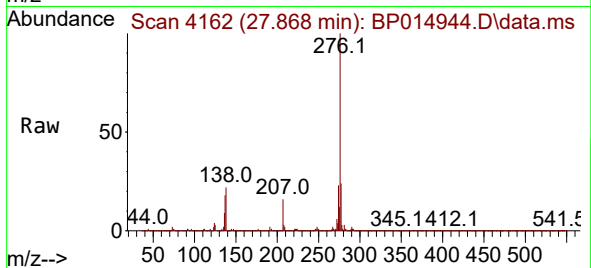
Acq: 04 May 2023 10:32

Instrument :

BNA_P

ClientSampleId :

EW941



Tgt Ion:276 Resp: 4032141

Ion Ratio Lower Upper

276 100

138 21.7 18.0 27.0

277 24.1 19.8 29.8

