

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
 Data File : BP014992.D
 Acq On : 08 May 2023 13:09
 Operator : CG/JU
 Sample : 02479-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW943DL

Quant Time: May 08 22:50:27 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)

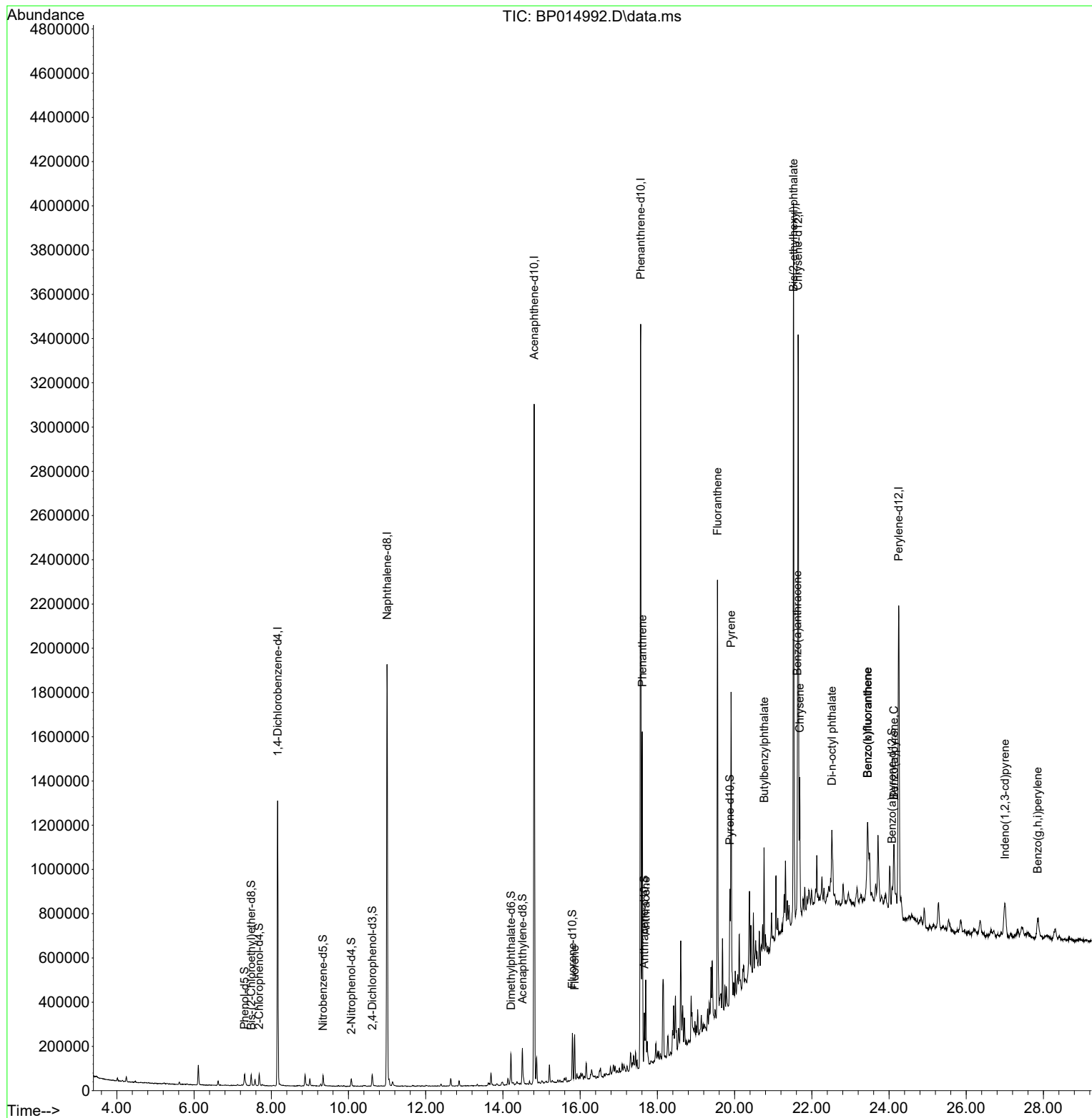
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	348863	20.000	ng/ul	0.00
20) Naphthalene-d8	10.998	136	1591127	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	1012732	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.568	188	2071094	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1188194	20.000	ng/ul	0.00
88) Perylene-d12	24.250	264	1193713	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.463	96	2112	0.225	ng/uL	0.00
4) Pyridine-d5	3.910	84	681	0.027	ng/ul	0.01
7) Phenol-d5	7.310	99	30650	1.013	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	21574	1.154	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	24752	1.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	22575	0.969	ng/ul	0.00
21) Nitrobenzene-d5	9.339	128	12561	1.110	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	12295	1.058	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	23247	1.019	ng/ul	0.00
31) 4-Chloroaniline-d4	11.145	131	10387	0.315	ng/ul	0.01
46) Dimethylphthalate-d6	14.210	166	95195	1.328	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	104213	1.212	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	2958	0.237	ng/ul	0.00
60) Fluorene-d10	15.798	176	83504	1.354	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	5066	0.435	ng/ul	0.00
73) Anthracene-d10	17.663	188	125877	1.353	ng/ul	0.00
81) Pyrene-d10	19.880	212	125238	1.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	78899	1.357	ng/ul	0.00
Target Compounds						Qvalue
61) Fluorene	15.857	166	88102	1.227	ng/ul	98
72) Phenanthrene	17.610	178	869893	7.603	ng/ul	100
74) Anthracene	17.698	178	234135	2.055	ng/ul	99
80) Fluoranthene	19.557	202	1120691	11.397	ng/ul	99
82) Pyrene	19.909	202	832379	7.990	ng/ul	98
83) Butylbenzylphthalate	20.762	149	130148	4.161	ng/ul	96
85) Benzo(a)anthracene	21.627	228	358016	4.514	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1294316	32.886	ng/ul	100
87) Chrysene	21.686	228	359507	4.502	ng/ul	97
89) Di-n-octyl phthalate	22.521	149	258747	3.712	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	350335	4.541	ng/ul	96
91) Benzo(k)fluoranthene	23.445	252	350335	4.462	ng/ul	97
93) Benzo(a)pyrene	24.127	252	223872	3.309	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.003	276	151810	1.839	ng/ul	96
96) Benzo(g,h,i)perylene	27.850	276	132843	1.891	ng/ul	99

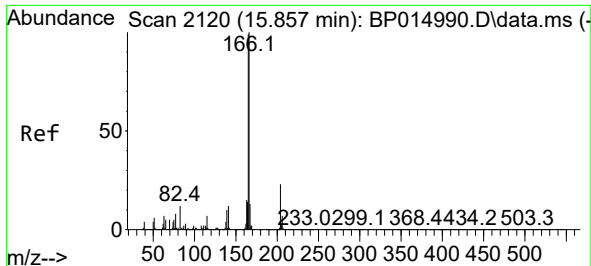
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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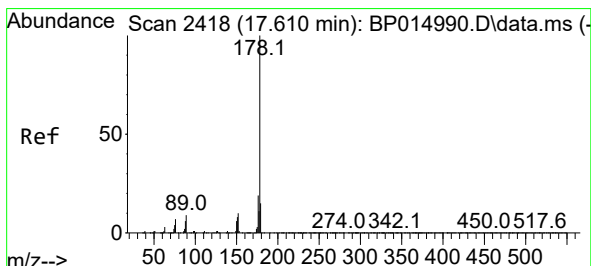
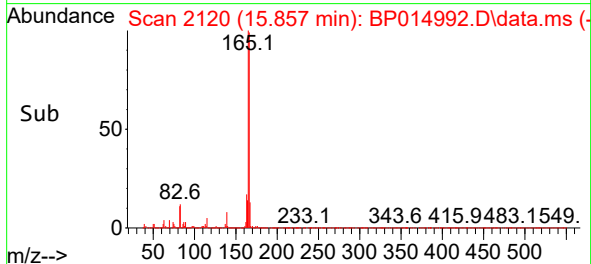
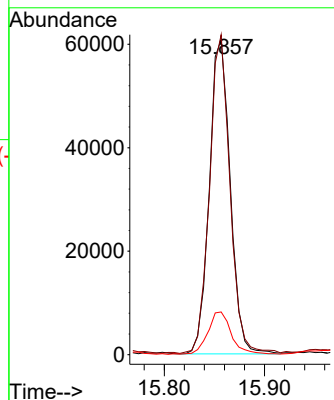
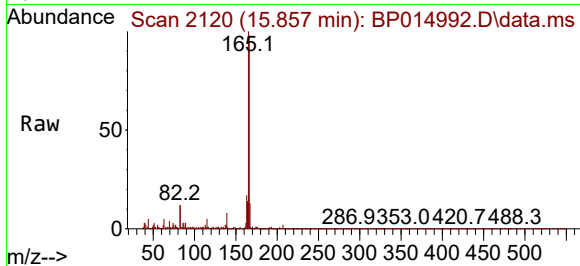




#61
Fluorene
Concen: 1.227 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

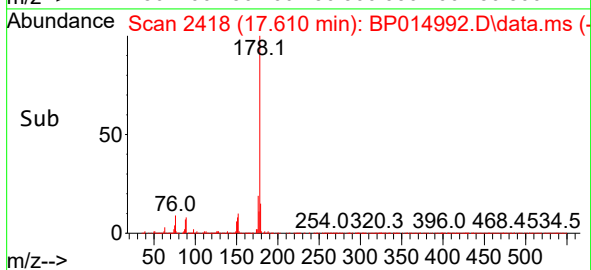
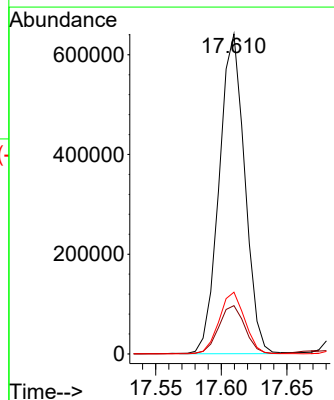
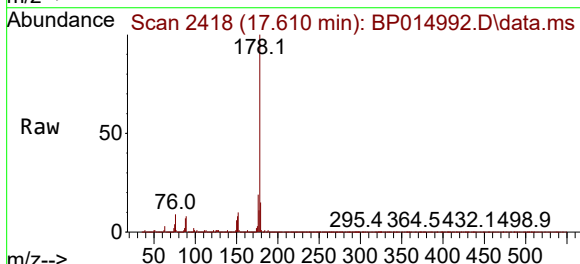
Instrument :
BNA_P
ClientSampleId :
EW943DL

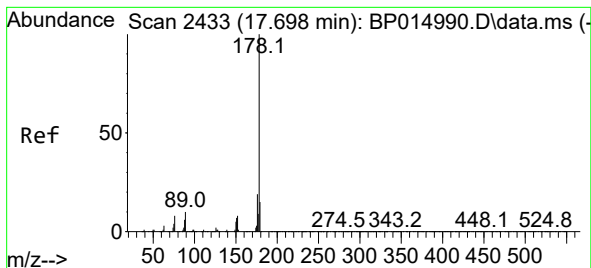
Tgt Ion:166 Resp: 88102
Ion Ratio Lower Upper
166 100
165 101.5 79.3 118.9
167 13.5 10.7 16.1



#72
Phenanthrene
Concen: 7.603 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

Tgt Ion:178 Resp: 869893
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 19.3 15.4 23.0





#74

Anthracene

Concen: 2.055 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL

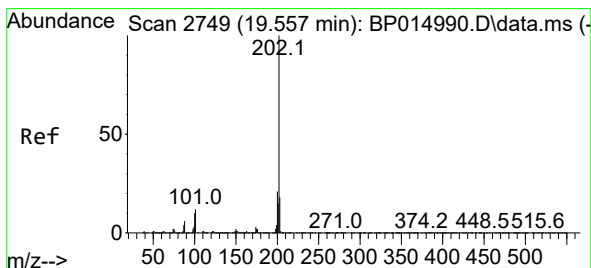
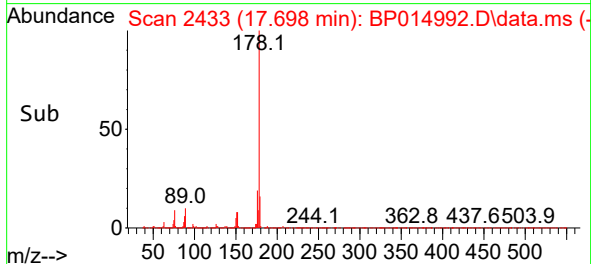
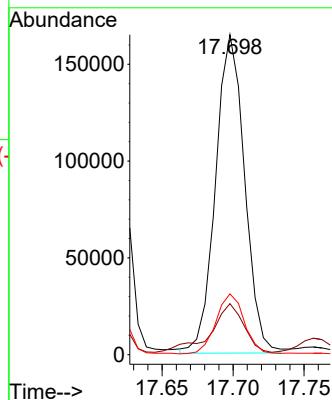
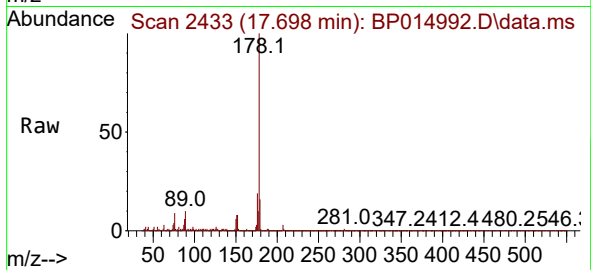
Tgt Ion:178 Resp: 234135

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 19.0 15.0 22.4



#80

Fluoranthene

Concen: 11.397 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

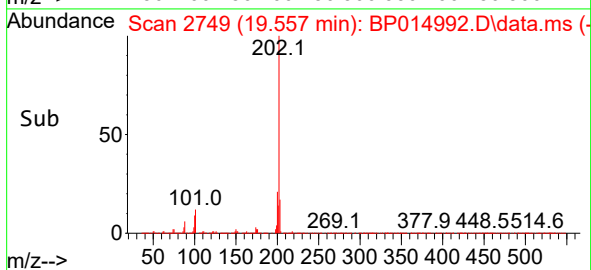
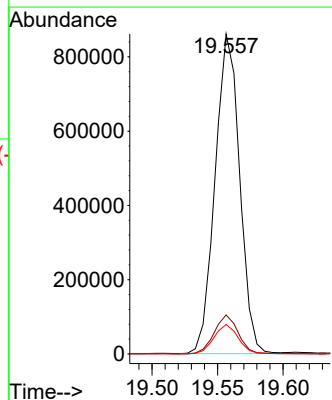
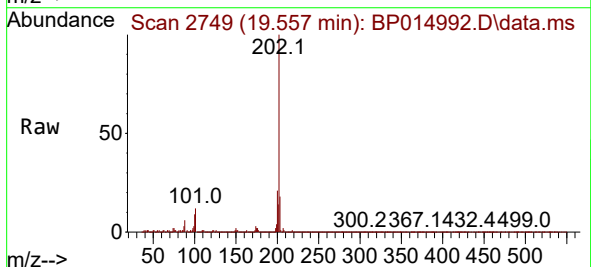
Tgt Ion:202 Resp: 1120691

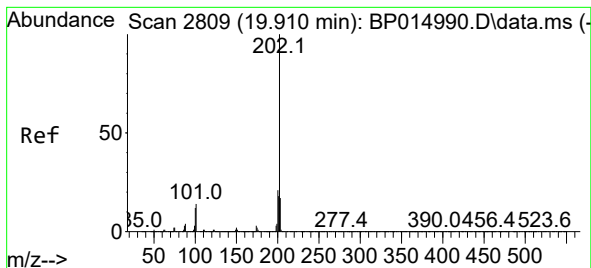
Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

100 9.2 7.7 11.5





#82

Pyrene

Concen: 7.990 ng/ul

RT: 19.909 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL

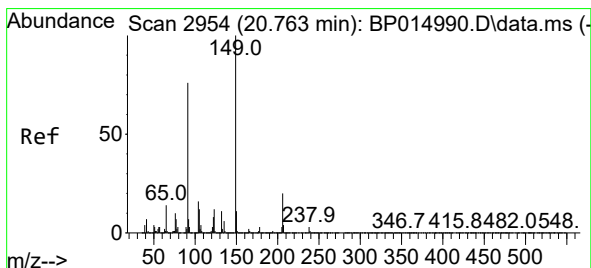
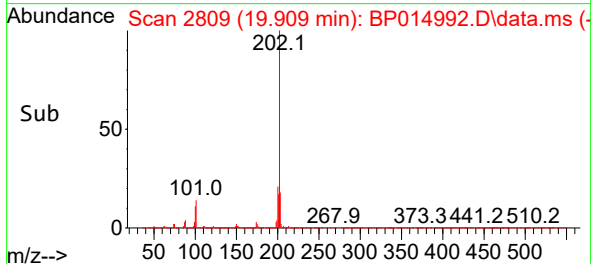
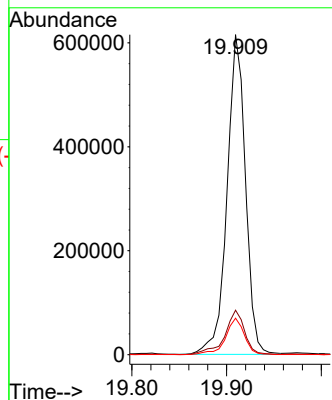
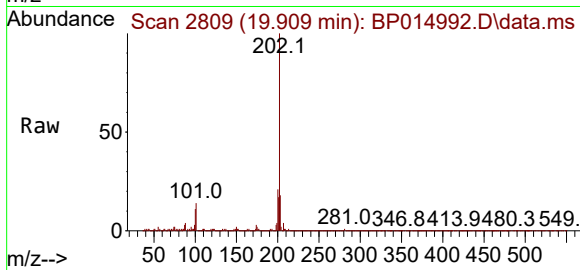
Tgt Ion:202 Resp: 832379

Ion Ratio Lower Upper

202 100

101 13.9 11.9 17.9

100 11.4 9.7 14.5



#83

Butylbenzylphthalate

Concen: 4.161 ng/ul

RT: 20.762 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

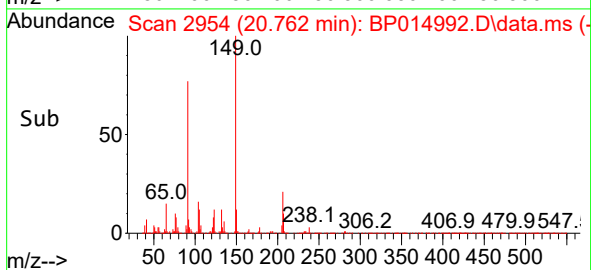
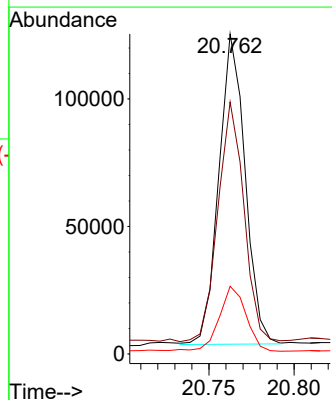
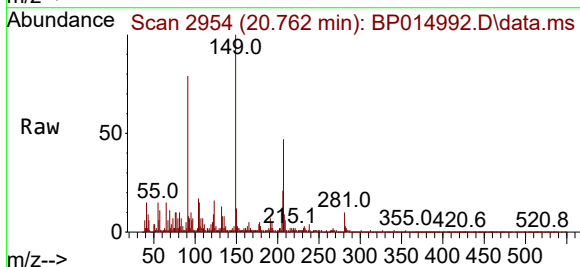
Tgt Ion:149 Resp: 130148

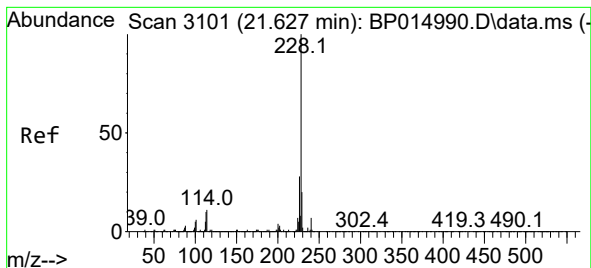
Ion Ratio Lower Upper

149 100

91 78.7 60.1 90.1

206 21.1 16.0 24.0





#85

Benzo(a)anthracene

Concen: 4.514 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL

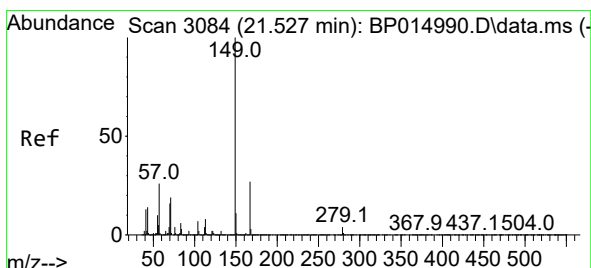
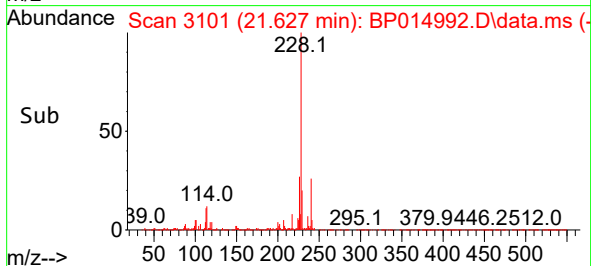
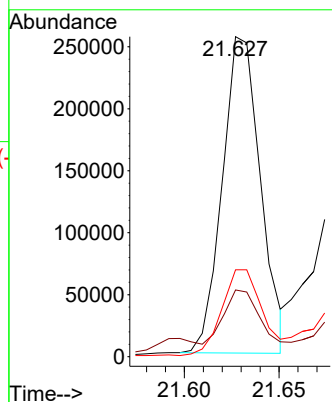
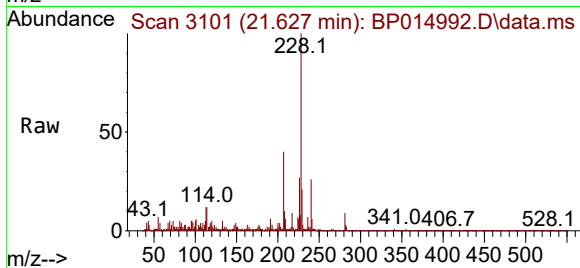
Tgt Ion:228 Resp: 358016

Ion Ratio Lower Upper

228 100

229 20.9 15.9 23.9

226 27.1 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.886 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

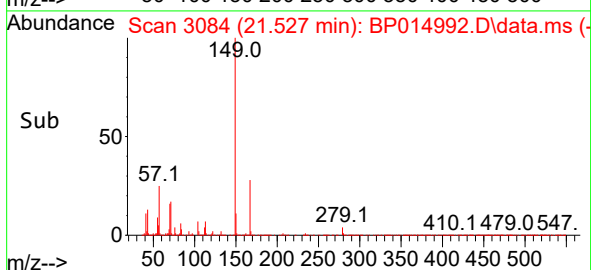
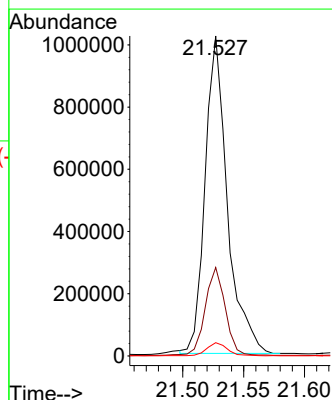
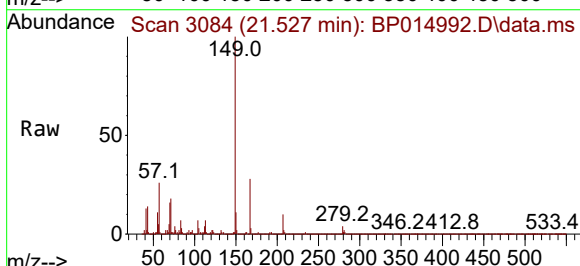
Tgt Ion:149 Resp: 1294316

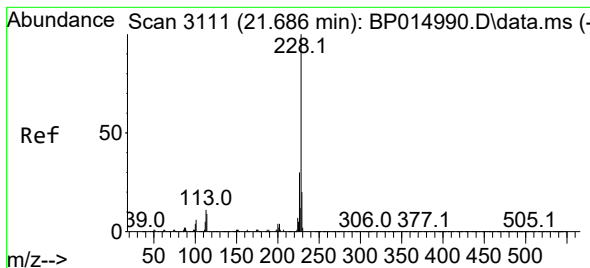
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.1 2.9 4.3





#87

Chrysene

Concen: 4.502 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

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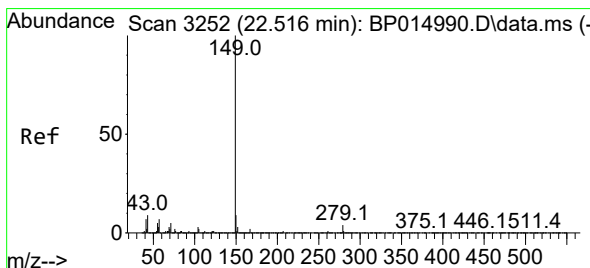
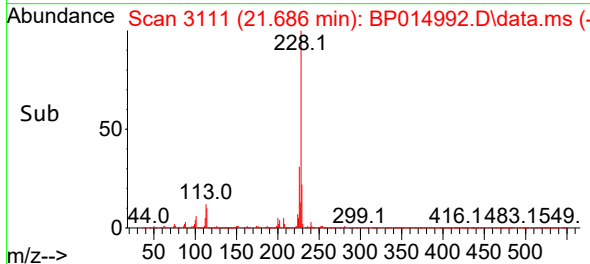
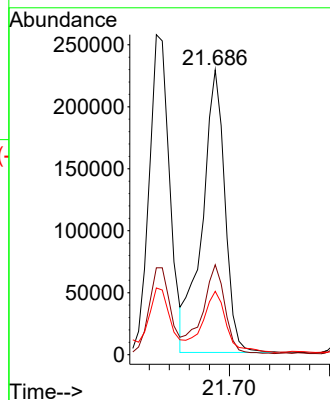
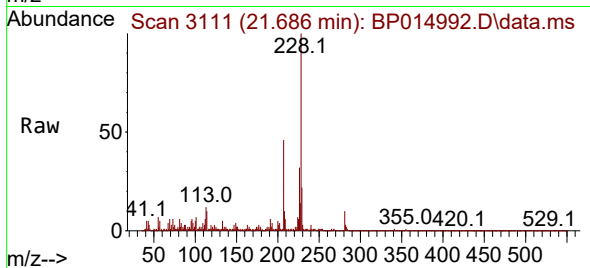
Tgt Ion:228 Resp: 359507

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 22.3 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 3.712 ng/ul

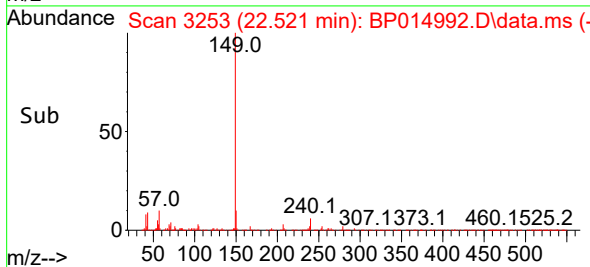
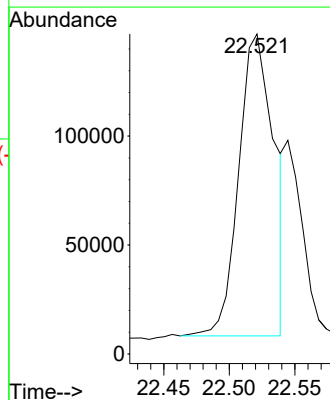
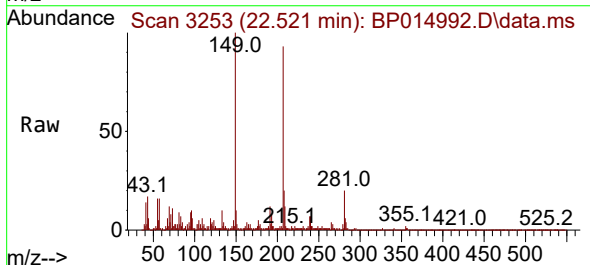
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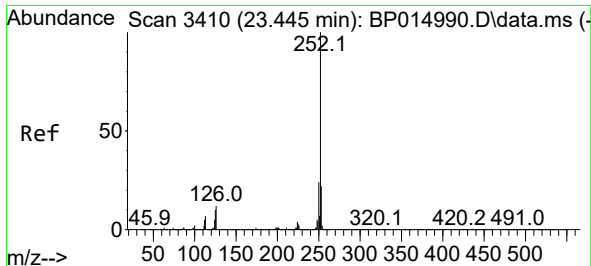
Delta R.T. 0.006 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Tgt Ion:149 Resp: 258747

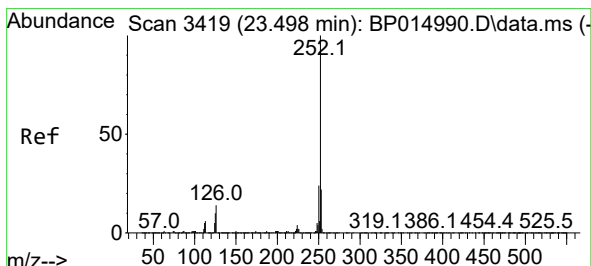
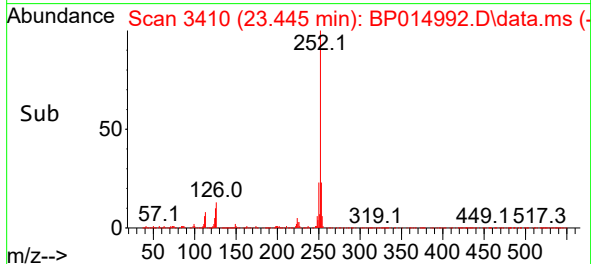
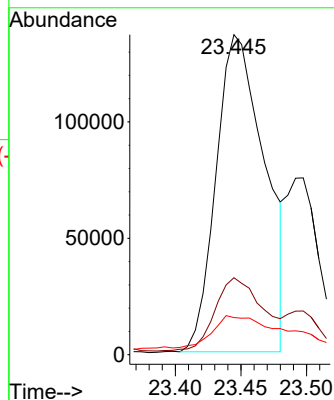
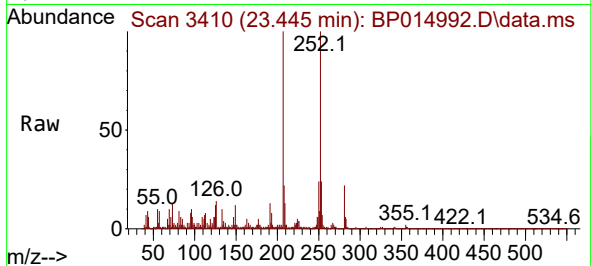




#90
Benzo(b)fluoranthene
Concen: 4.541 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.000 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

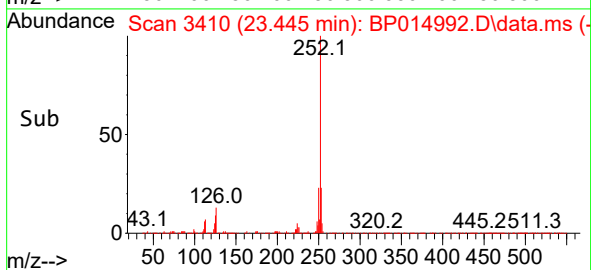
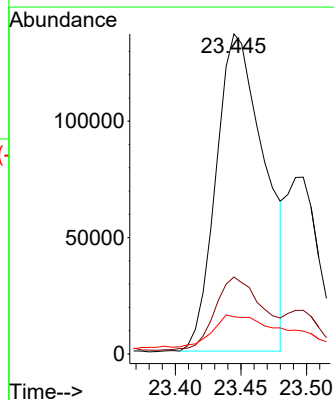
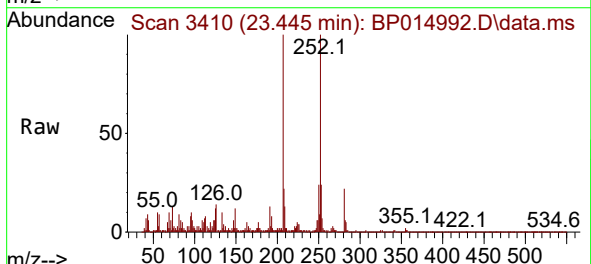
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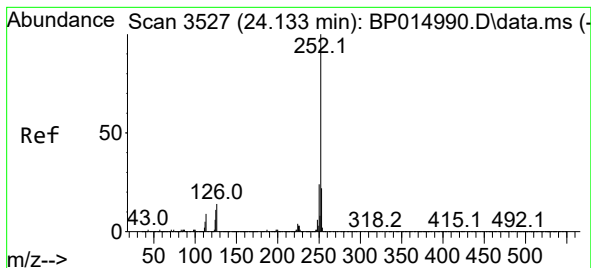
Tgt Ion:252 Resp: 350335
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 11.6 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 4.462 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.053 min
Lab File: BP014992.D
Acq: 08 May 2023 13:09

Tgt Ion:252 Resp: 350335
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 11.6 8.9 13.3





#93

Benzo(a)pyrene

Concen: 3.309 ng/ul

RT: 24.127 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL

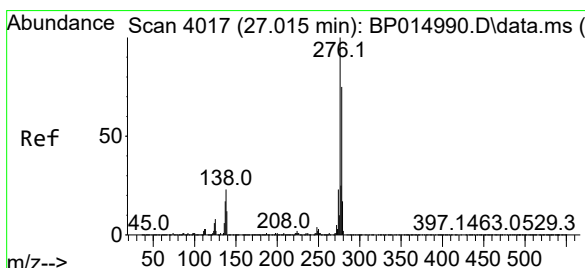
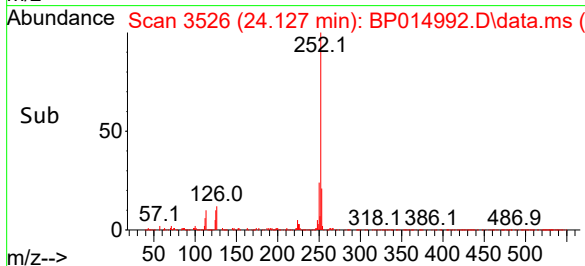
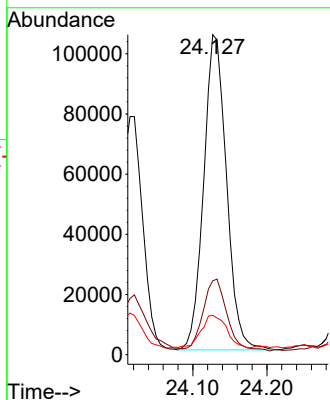
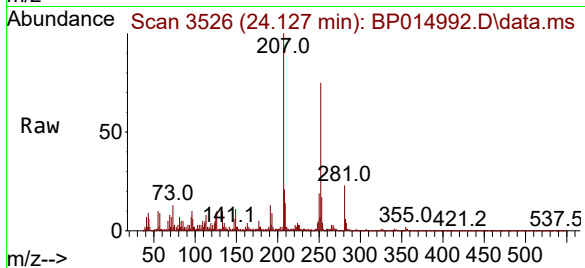
Tgt Ion:252 Resp: 223872

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.3 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.839 ng/ul

RT: 27.003 min Scan# 4015

Delta R.T. -0.000 min

Lab File: BP014992.D

Acq: 08 May 2023 13:09

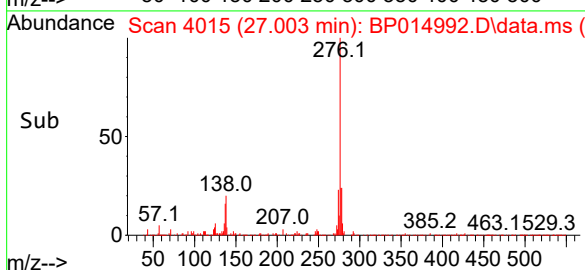
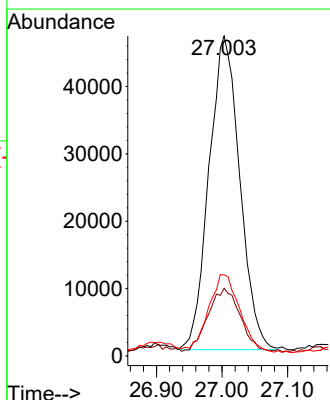
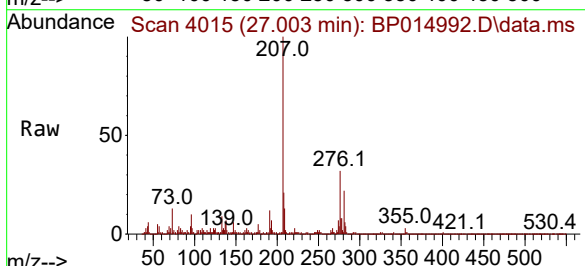
Tgt Ion:276 Resp: 151810

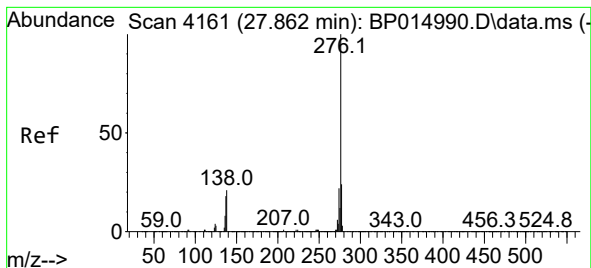
Ion Ratio Lower Upper

276 100

138 21.1 19.4 29.0

277 25.4 19.4 29.2





#96

Benzo(g,h,i)perylene

Concen: 1.891 ng/ul

RT: 27.850 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP014992.D

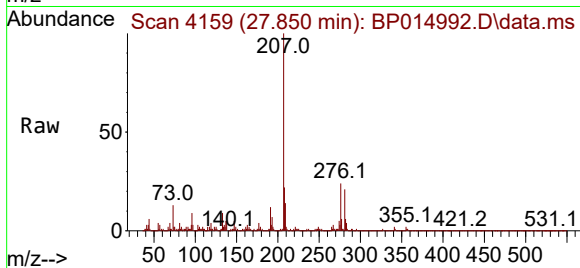
Acq: 08 May 2023 13:09

Instrument :

BNA_P

ClientSampleId :

EW943DL



Tgt Ion:276 Resp: 132843

Ion Ratio Lower Upper

276 100

138 21.3 18.0 27.0

277 24.7 19.8 29.8

