

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015228.D
 Acq On : 22 May 2023 22:53
 Operator : CG/JU
 Sample : 02664-11DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JRELODL

Quant Time: May 23 01:27:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

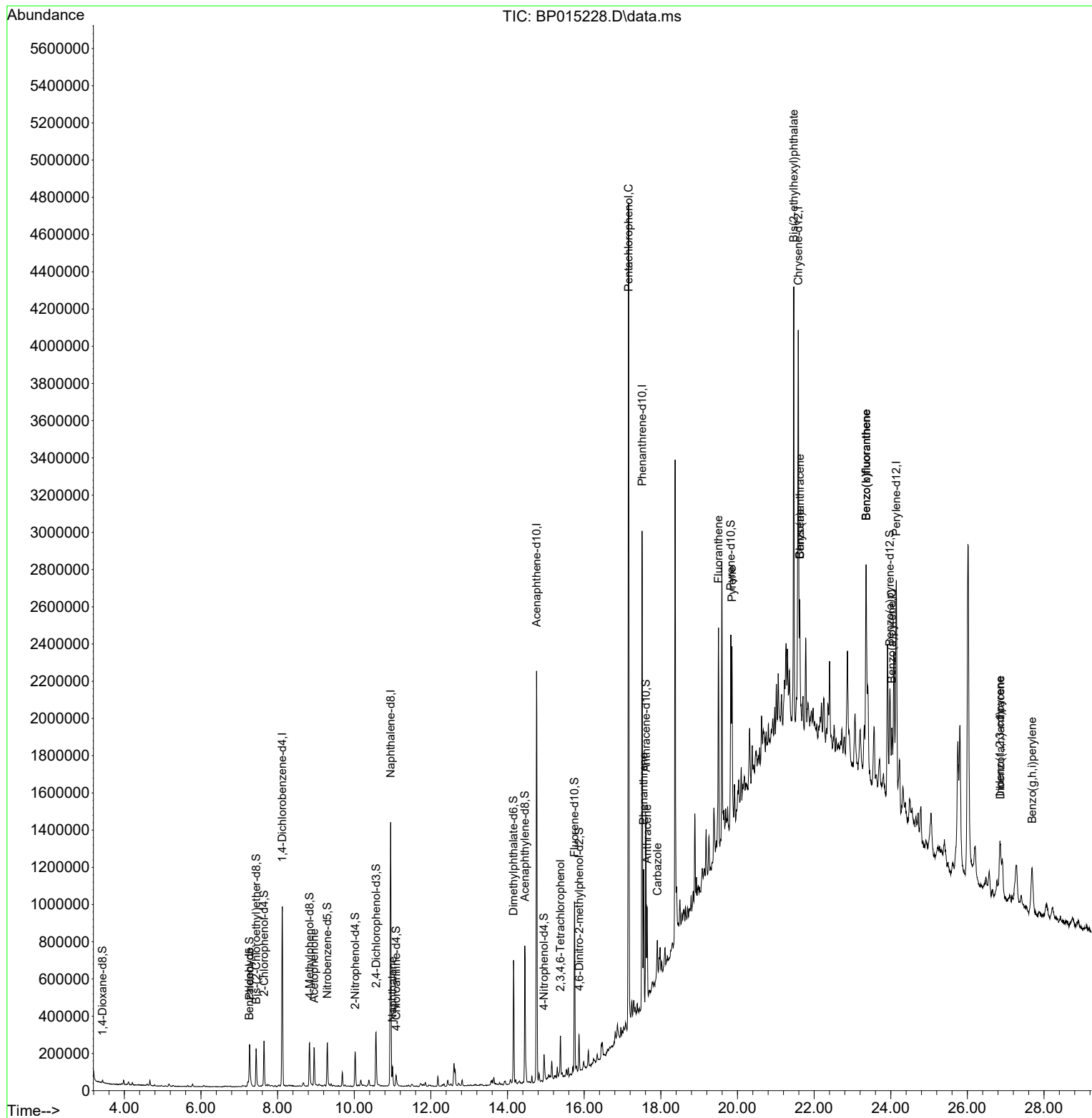
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	263520	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	1184848	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	737198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1495638	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	915371	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1027217	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	7063	1.041	ng/uL	0.00
4) Pyridine-d5	3.870	84	89	0.005	ng/ul	0.00
7) Phenol-d5	7.269	99	128395	5.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	85612	6.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	109064	6.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	97919	5.022	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	56378	6.055	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	60216	5.813	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	113476	6.070	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	33409	1.208	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	403373	7.241	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	450110	7.065	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	39453	3.647	ng/ul	0.00
60) Fluorene-d10	15.745	176	359438	7.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	42360	4.494	ng/ul	0.00
73) Anthracene-d10	17.610	188	512195	7.479	ng/ul	0.00
81) Pyrene-d10	19.828	212	487111	9.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	389067	7.630	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.258	77	6937	1.032	ng/ul	89
16) Acetophenone	8.952	105	111034	3.649	ng/ul	96
30) Naphthalene	10.999	128	80220	1.245	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	41075	2.883	ng/ul#	98
71) Pentachlorophenol	17.157	266	772927	67.874	ng/ul	100
72) Phenanthrene	17.551	178	420229	5.160	ng/ul	99
74) Anthracene	17.645	178	309797	3.762	ng/ul	98
77) Carbazole	17.910	167	99726	1.381	ng/ul#	96
80) Fluoranthene	19.504	202	660950	10.214	ng/ul	98
82) Pyrene	19.857	202	538615	8.060	ng/ul	98
85) Benzo(a)anthracene	21.628	228	497143	7.855	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.469	149	840232	19.701	ng/ul	99
87) Chrysene	21.628	228	490672	8.110	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	947881	14.556	ng/ul	96
91) Benzo(k)fluoranthene	23.357	252	947881	15.159	ng/ul	97
93) Benzo(a)pyrene	24.027	252	185341	3.220	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.851	276	349574	4.690	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.863	278	88207	1.442	ng/ul#	89
96) Benzo(g,h,i)perylene	27.686	276	322489	5.306	ng/ul	99

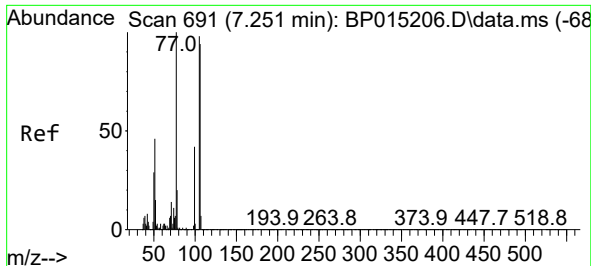
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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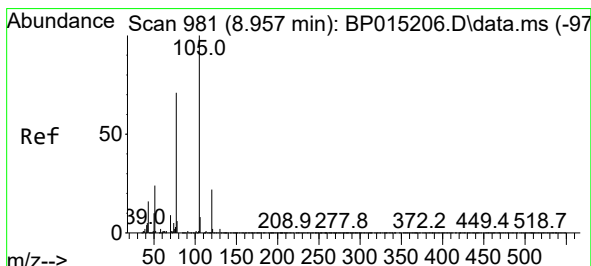
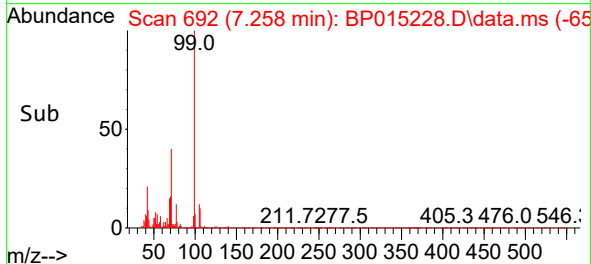
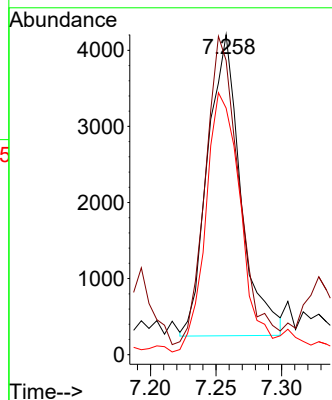
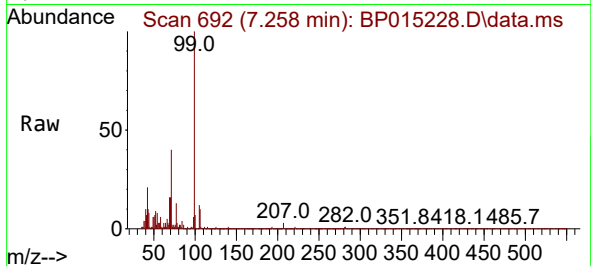




#6
Benzaldehyde
Concen: 1.032 ng/ul
RT: 7.258 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

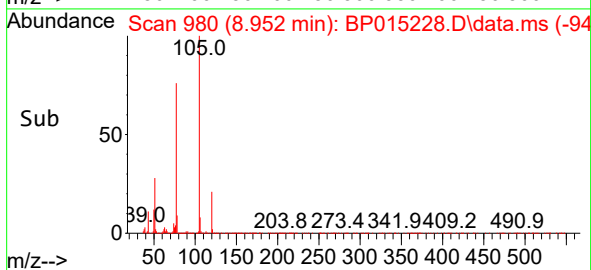
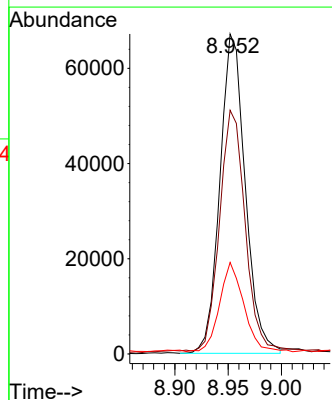
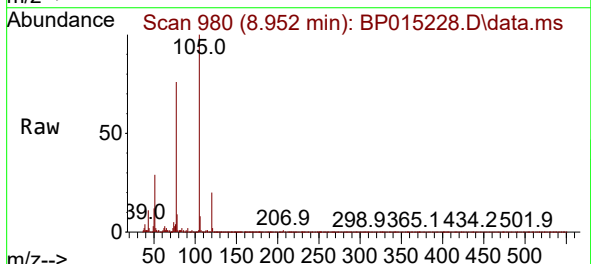
Instrument :
BNA_P
ClientSampleId :
JRELODL

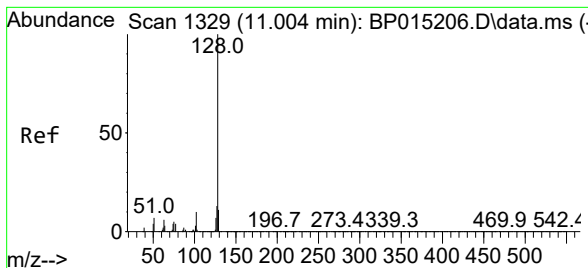
Tgt Ion: 77 Resp: 6937
Ion Ratio Lower Upper
77 100
105 92.0 76.9 115.3
106 77.1 75.0 112.6



#16
Acetophenone
Concen: 3.649 ng/ul
RT: 8.952 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Tgt Ion: 105 Resp: 111034
Ion Ratio Lower Upper
105 100
77 76.1 59.4 89.2
51 28.6 19.2 28.8

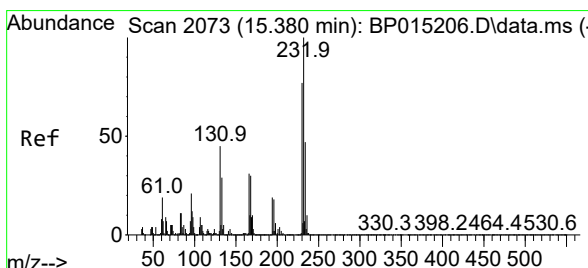
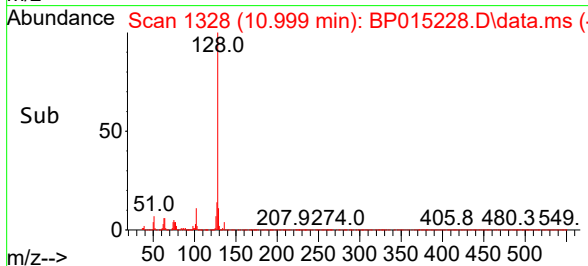
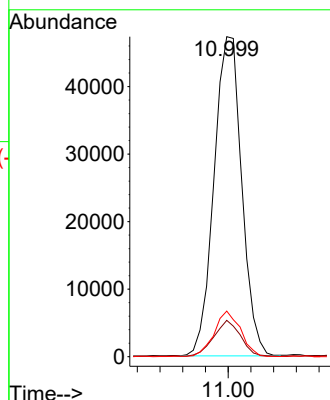
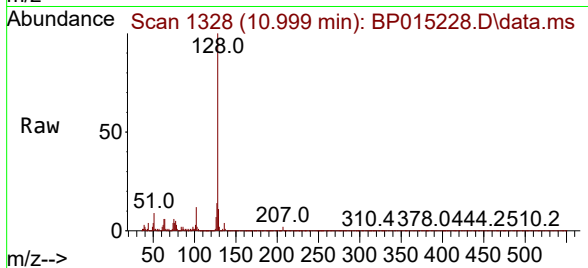




#30
Naphthalene
Concen: 1.245 ng/ul
RT: 10.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

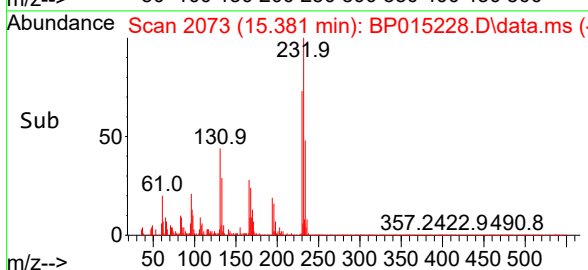
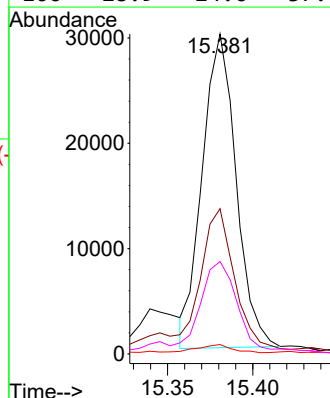
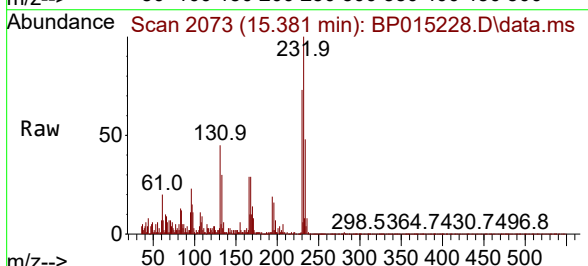
Instrument :
BNA_P
ClientSampleId :
JRELODL

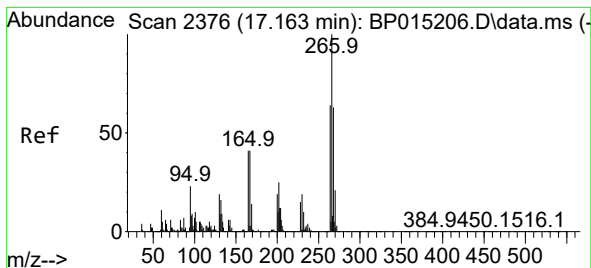
Tgt Ion:128 Resp: 80220
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 14.2 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.883 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP015228.D
Acq: 22 May 2023 22:53

Tgt Ion:232 Resp: 41075
Ion Ratio Lower Upper
232 100
131 45.4 36.8 55.2
130 2.9 1.9 2.9#
166 28.9 24.6 37.0





#71

Pentachlorophenol

Concen: 67.874 ng/ul

RT: 17.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

JRELODL

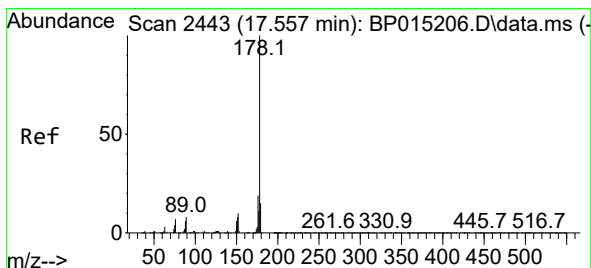
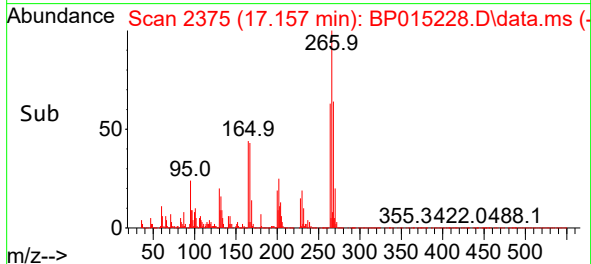
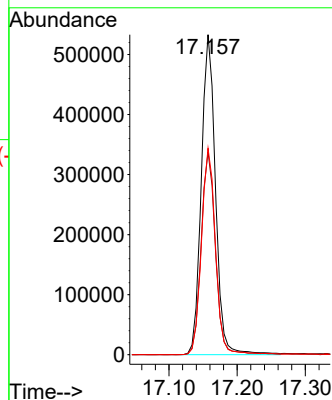
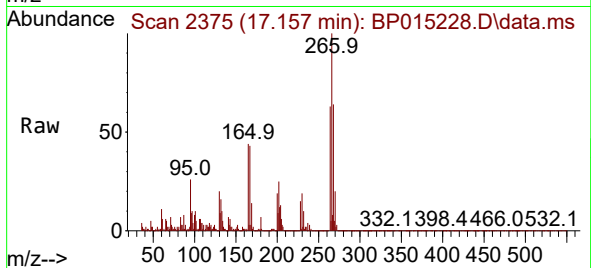
Tgt Ion:266 Resp: 772927

Ion Ratio Lower Upper

266 100

264 63.4 51.0 76.4

268 64.5 51.8 77.6



#72

Phenanthrene

Concen: 5.160 ng/ul

RT: 17.551 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

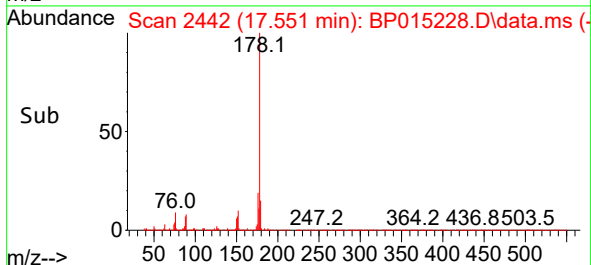
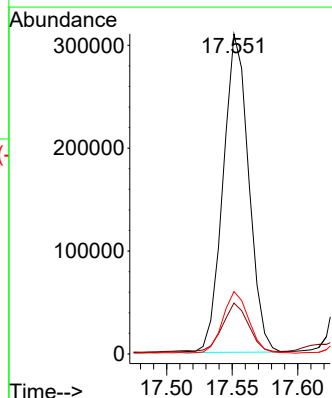
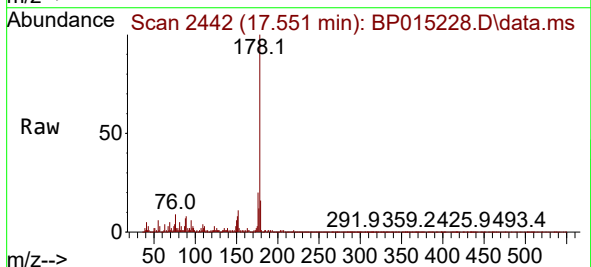
Tgt Ion:178 Resp: 420229

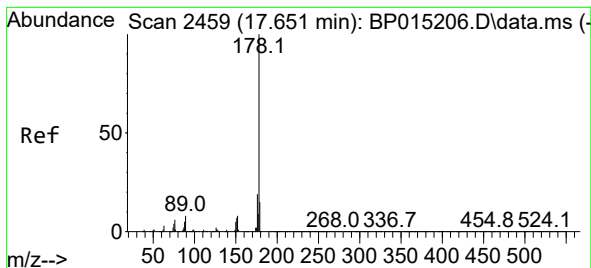
Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

176 19.5 15.6 23.4





#74

Anthracene

Concen: 3.762 ng/ul

RT: 17.645 min Scan# 2459

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

JRELODL

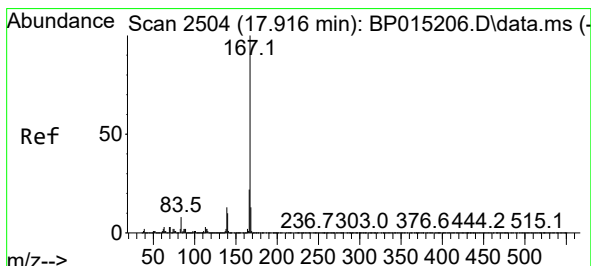
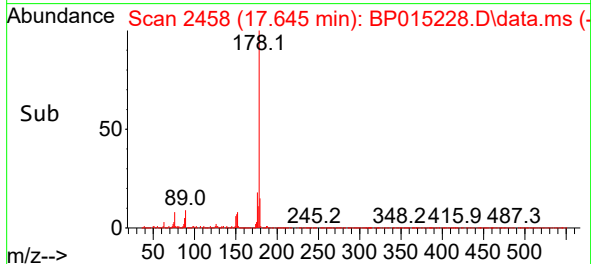
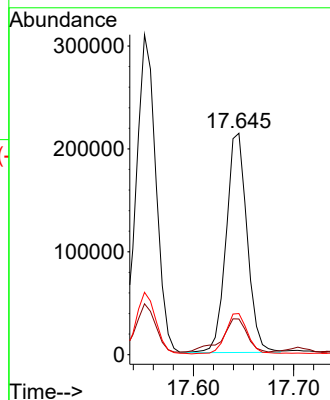
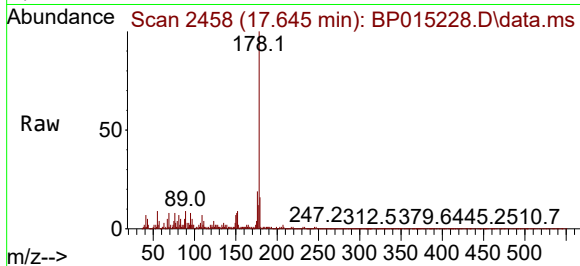
Tgt Ion:178 Resp: 309797

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

176 18.6 15.2 22.8



#77

Carbazole

Concen: 1.381 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

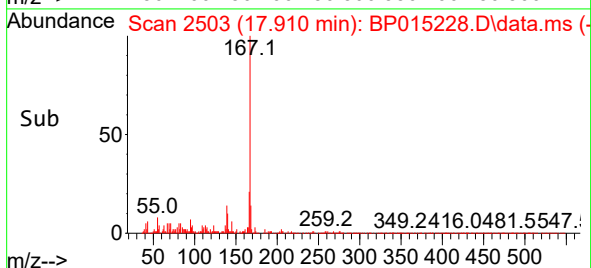
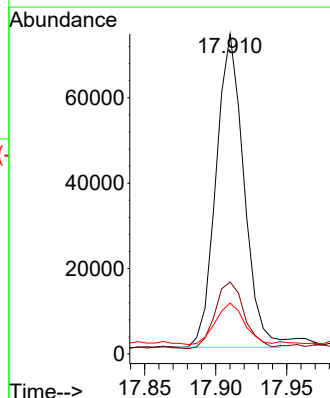
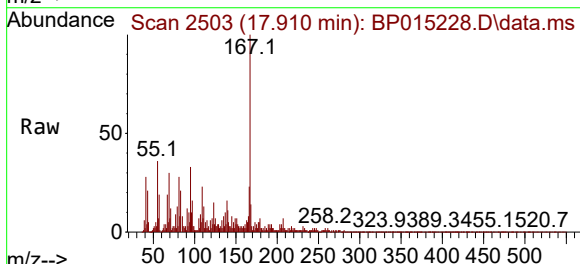
Tgt Ion:167 Resp: 99726

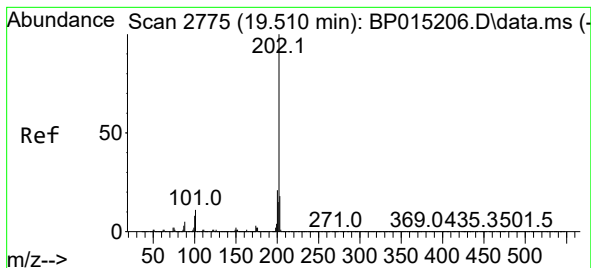
Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.2

139 15.9 10.2 15.4#





#80

Fluoranthene

Concen: 10.214 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. 0.000 min

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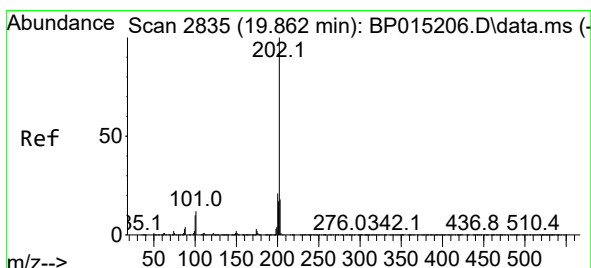
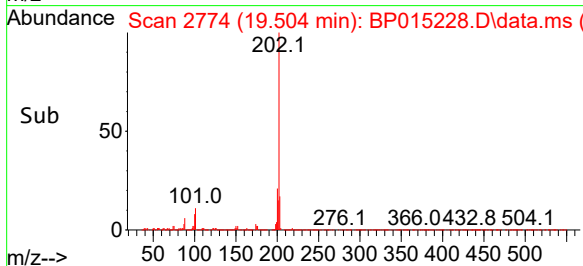
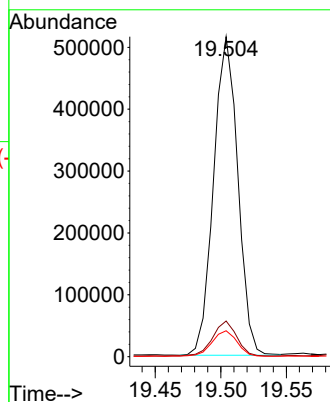
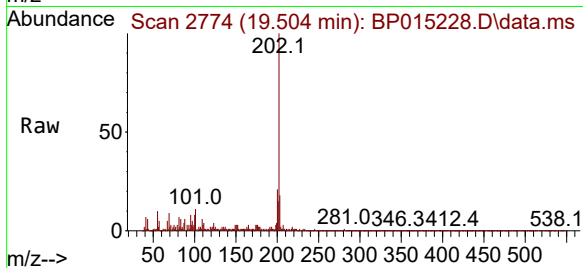
Tgt Ion:202 Resp: 660950

Ion Ratio Lower Upper

202 100

101 11.2 9.5 14.3

100 8.1 7.3 10.9



#82

Pyrene

Concen: 8.060 ng/ul

RT: 19.857 min Scan# 2834

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

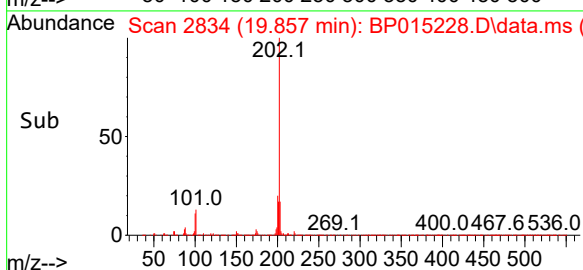
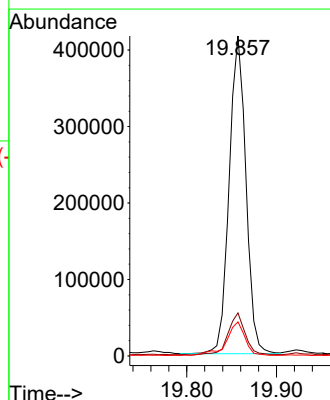
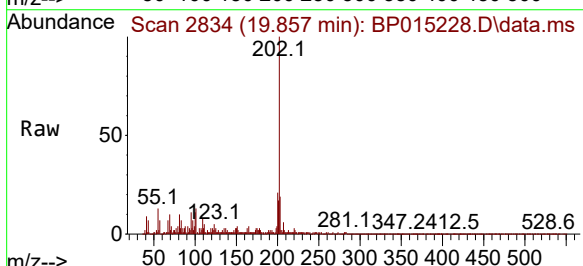
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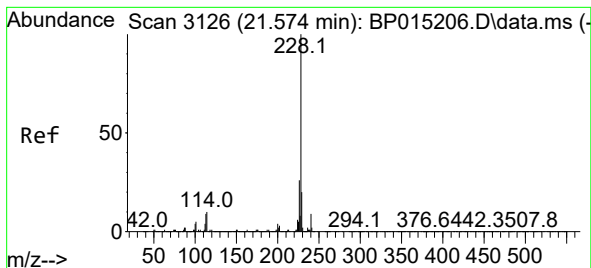
Ion Ratio Lower Upper

202 100

101 13.4 11.2 16.8

100 10.6 9.0 13.6





#85

Benzo(a)anthracene

Concen: 7.855 ng/ul

RT: 21.628 min Scan# 3126

Delta R.T. 0.059 min

Lab File: BP015228.D

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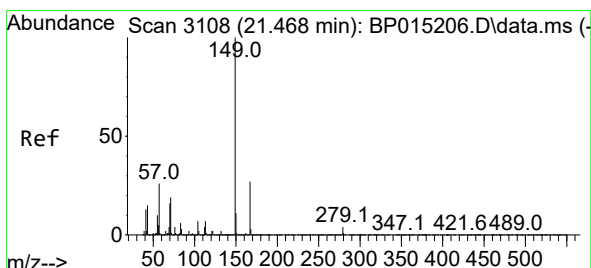
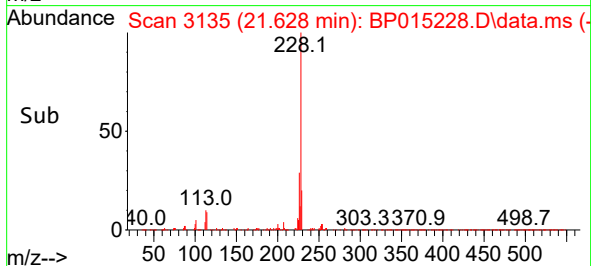
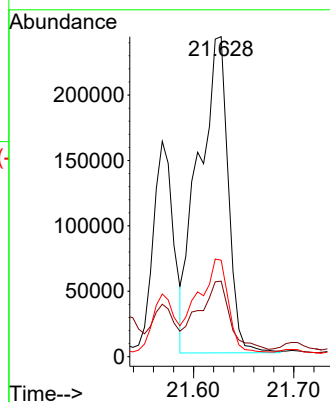
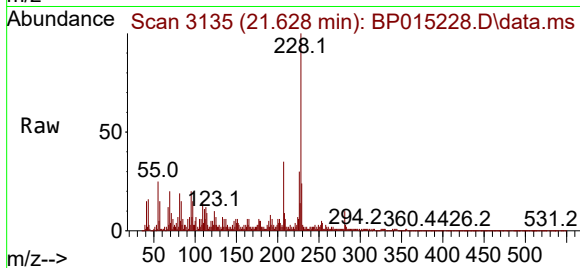
Tgt Ion:228 Resp: 497143

Ion Ratio Lower Upper

228 100

229 23.6 16.1 24.1

226 30.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.701 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

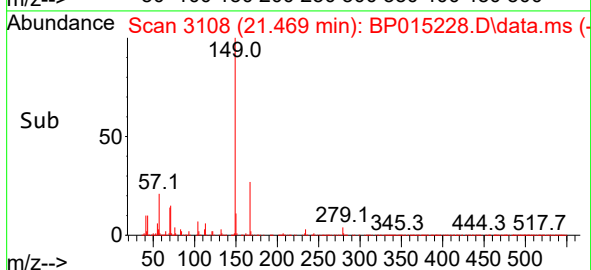
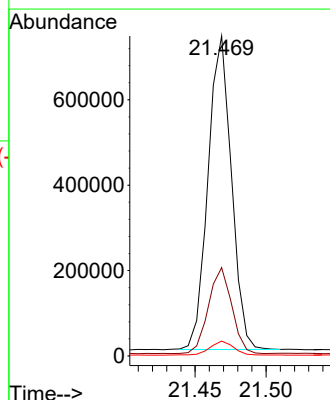
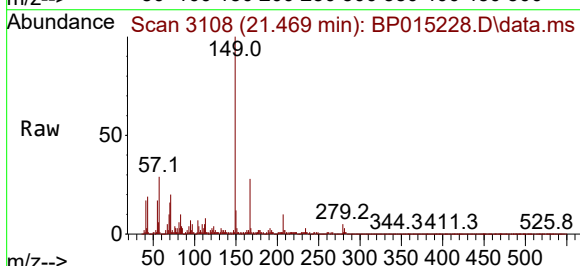
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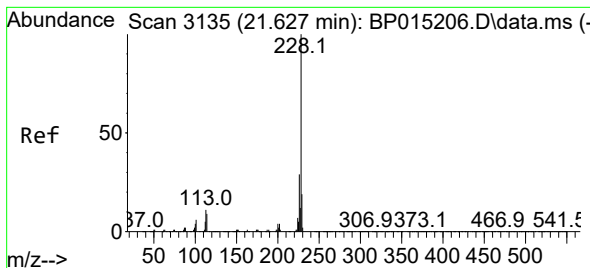
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.7 3.2 4.8





#87

Chrysene

Concen: 8.110 ng/ul

RT: 21.628 min Scan# 3135

Delta R.T. 0.000 min

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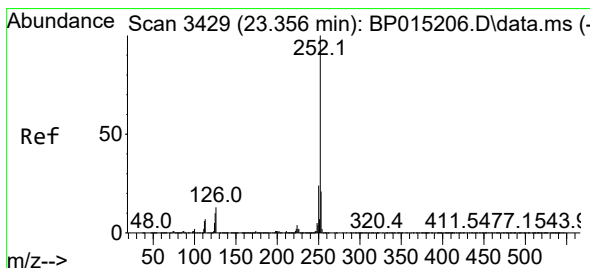
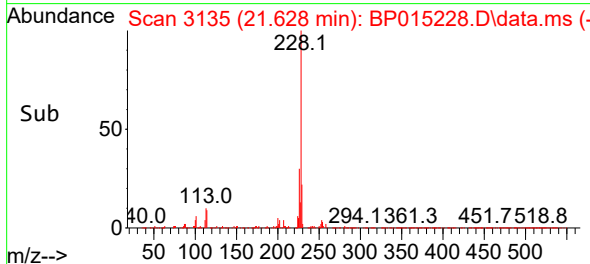
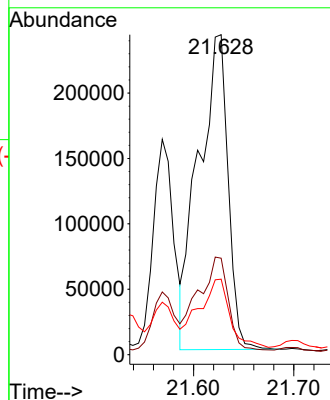
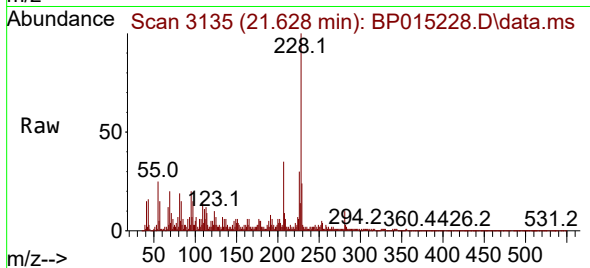
Tgt Ion:228 Resp: 490672

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 23.6 16.1 24.1



#90

Benzo(b)fluoranthene

Concen: 14.556 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.006 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

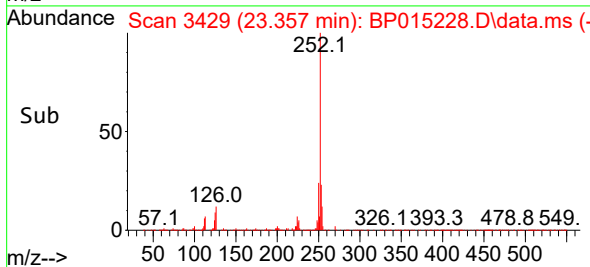
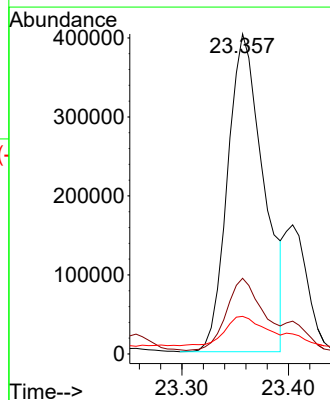
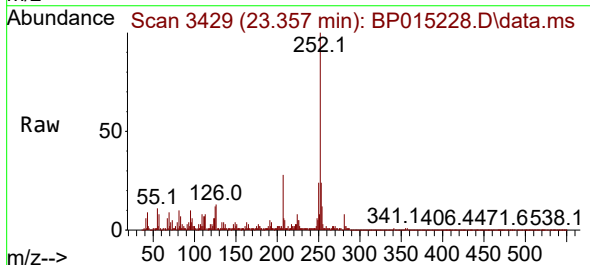
Tgt Ion:252 Resp: 947881

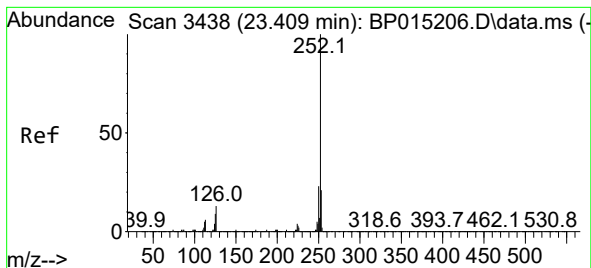
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 11.8 8.3 12.5





#91

Benzo(k)fluoranthene

Concen: 15.159 ng/ul

RT: 23.357 min Scan# 3438

Delta R.T. -0.047 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

JRELODL

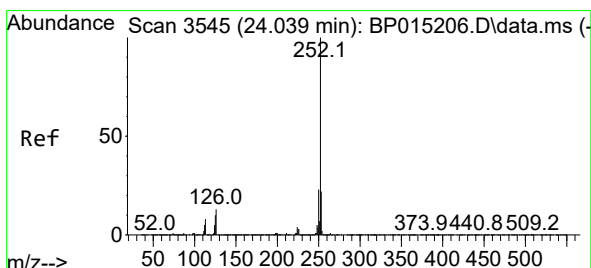
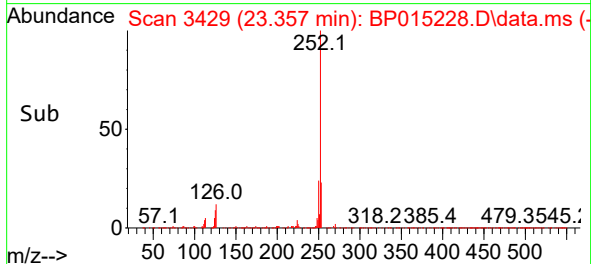
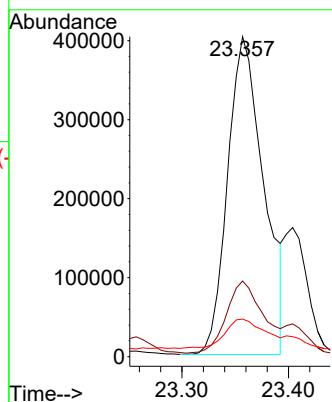
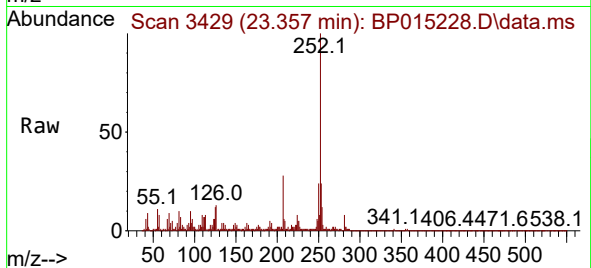
Tgt Ion:252 Resp: 947881

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 11.8 8.5 12.7



#93

Benzo(a)pyrene

Concen: 3.220 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

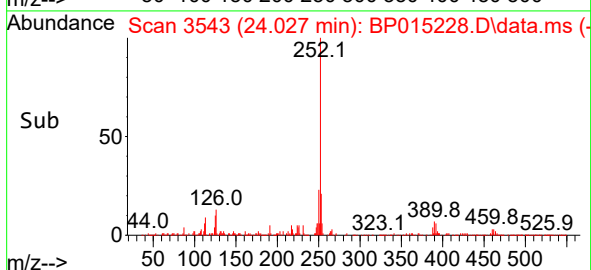
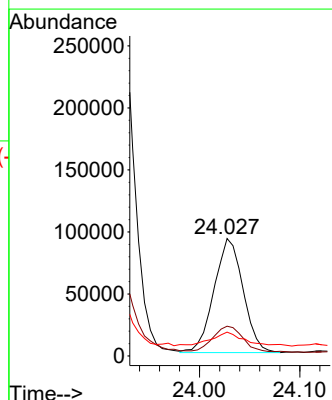
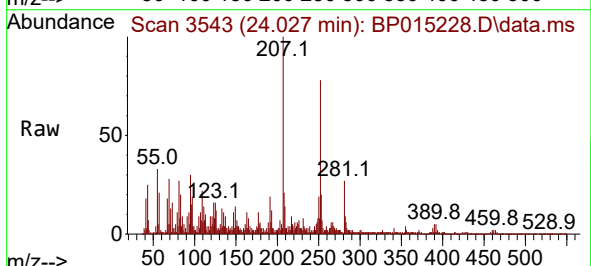
Tgt Ion:252 Resp: 185341

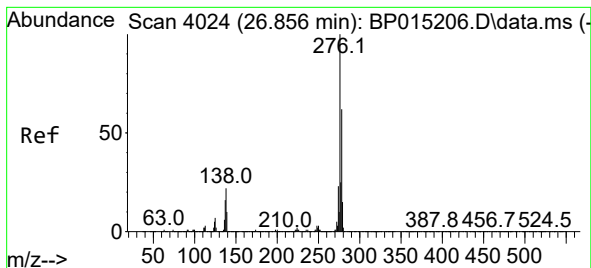
Ion Ratio Lower Upper

252 100

253 25.4 17.2 25.8

125 20.3 9.1 13.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.690 ng/ul

RT: 26.851 min Scan# 4024

Delta R.T. 0.006 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

JRELODL

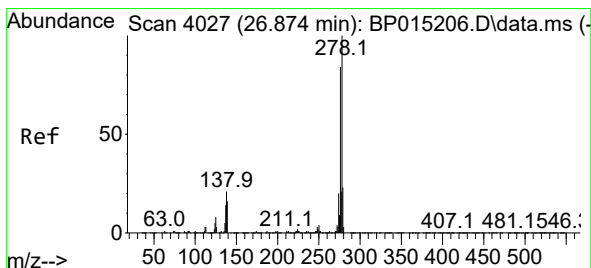
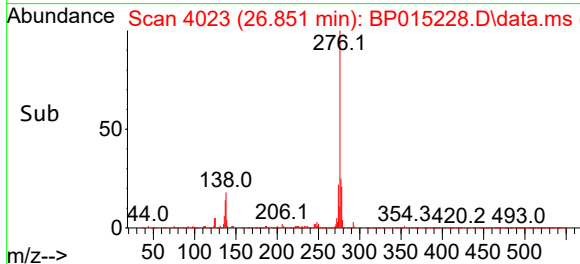
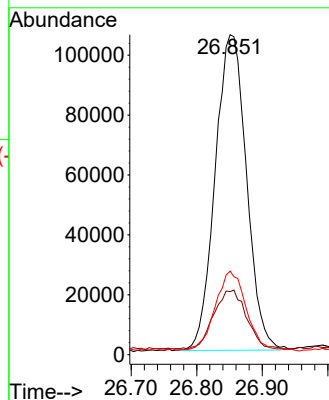
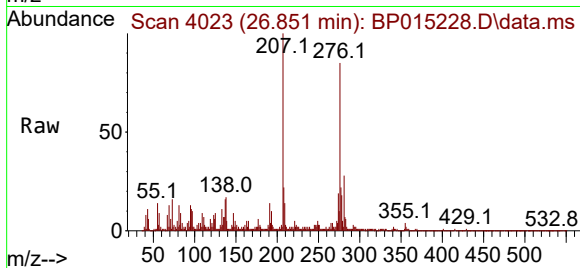
Tgt Ion:276 Resp: 349574

Ion Ratio Lower Upper

276 100

138 19.7 20.1 30.1#

277 26.1 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 1.442 ng/ul

RT: 26.863 min Scan# 4025

Delta R.T. 0.000 min

Lab File: BP015228.D

Acq: 22 May 2023 22:53

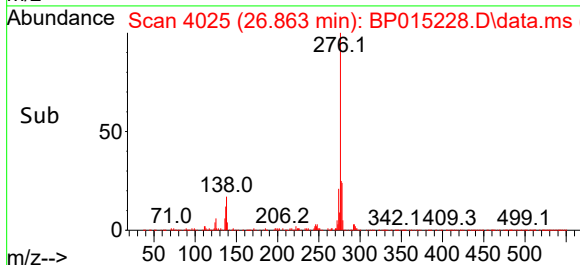
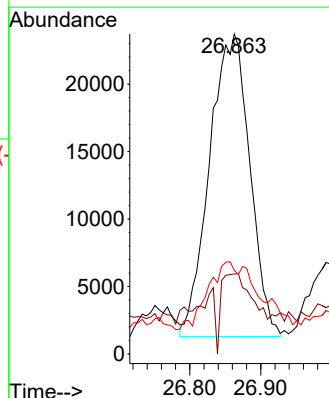
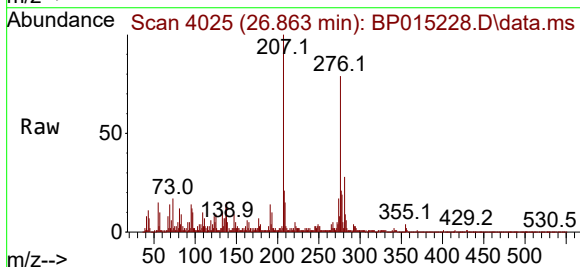
Tgt Ion:278 Resp: 88207

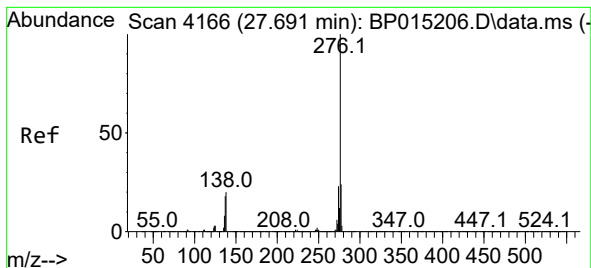
Ion Ratio Lower Upper

278 100

139 25.0 13.3 19.9#

279 26.1 19.1 28.7





#96

Benzo(g,h,i)perylene

Concen: 5.306 ng/ul

RT: 27.686 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP015228.D

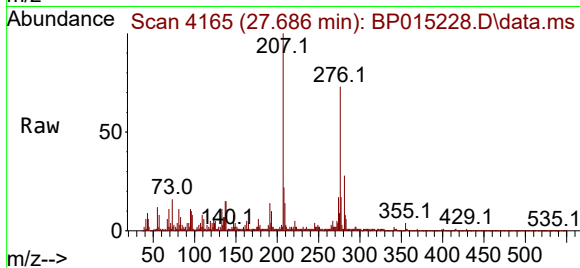
Acq: 22 May 2023 22:53

Instrument :

BNA_P

ClientSampleId :

JRELODL



Tgt Ion:276 Resp: 322489

Ion Ratio Lower Upper

276 100

138 21.0 17.7 26.5

277 23.5 18.8 28.2

