

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015875.D
 Acq On : 01 Jul 2023 09:12
 Operator : MA/JU
 Sample : 03239-13
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ1

Quant Time: Jul 02 00:43:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

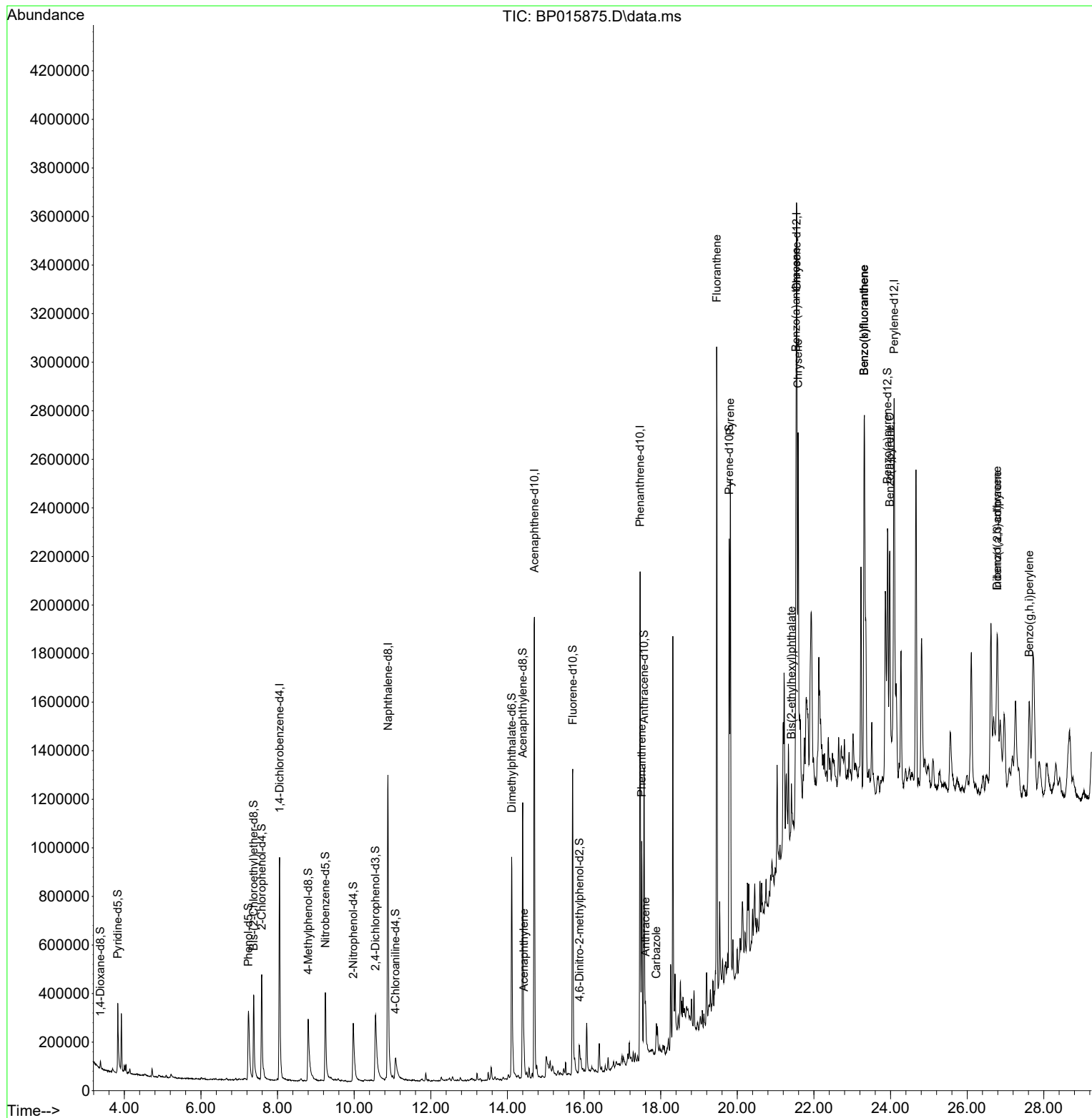
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	285458	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1208079	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	669169	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1171022	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	907955	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1113845	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15057	1.898	ng/uL	-0.01
4) Pyridine-d5	3.828	84	156183	7.809	ng/ul	0.00
7) Phenol-d5	7.240	99	288065	11.794	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	205858	13.623	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.587	132	236157	12.809	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	178013	9.226	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	108289	11.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	123821	11.491	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	202069	10.523	ng/ul	0.04
31) 4-Chloroaniline-d4	11.075	131	100635	4.080	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	717900	13.880	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	794612	13.667	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.928	143	235	0.034	ng/ul	-0.02
60) Fluorene-d10	15.704	176	569225	13.366	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	33376	4.634	ng/ul	0.02
73) Anthracene-d10	17.569	188	748317	13.990	ng/ul	0.00
81) Pyrene-d10	19.786	212	794786	13.406	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.921	264	820367	14.601	ng/ul	-0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.428	152	85937	1.341	ng/ul	99
72) Phenanthrene	17.504	178	513065	8.065	ng/ul	100
74) Anthracene	17.604	178	116534	1.823	ng/ul	97
77) Carbazole	17.886	167	74699	1.386	ng/ul	98
80) Fluoranthene	19.463	202	1510461	20.500	ng/ul#	93
82) Pyrene	19.816	202	1222053	16.259	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	748371	11.717	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	64545	1.532	ng/ul	98
87) Chrysene	21.586	228	814854	13.447	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	1272318	17.777	ng/ul#	95
91) Benzo(k)fluoranthene	23.310	252	1272318	17.595	ng/ul#	94
93) Benzo(a)pyrene	23.980	252	778229	12.444	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	614129	7.234	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.780	278	177427	2.544	ng/ul#	76
96) Benzo(g,h,i)perylene	27.621	276	540591	7.740	ng/ul#	95

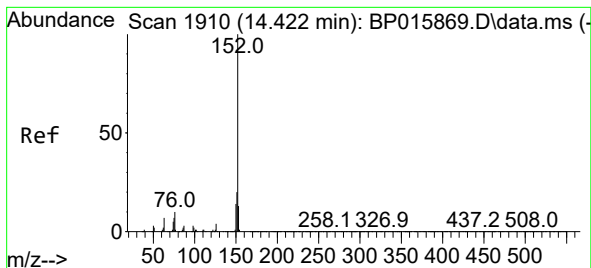
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.341 ng/ul

RT: 14.428 min Scan# 1910

Delta R.T. -0.012 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1

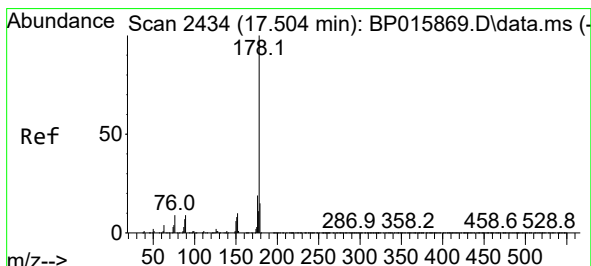
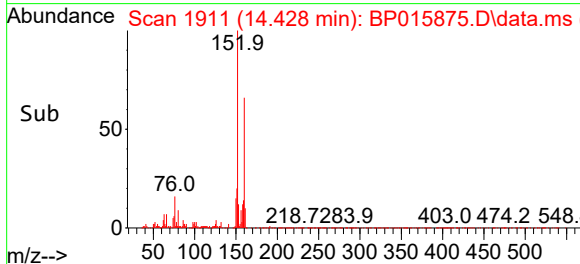
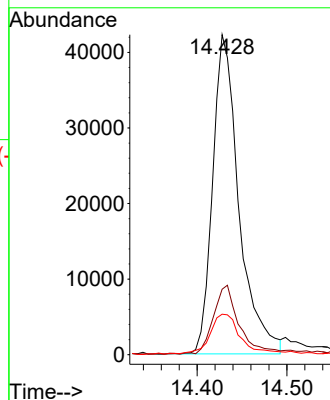
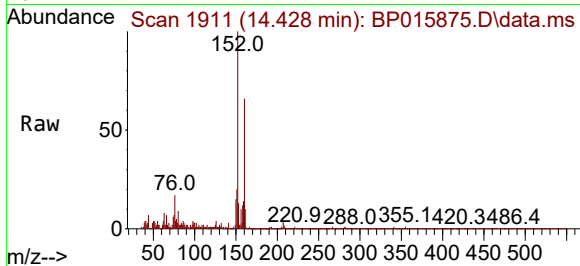
Tgt Ion:152 Resp: 85937

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 12.7 10.5 15.7



#72

Phenanthrene

Concen: 8.065 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

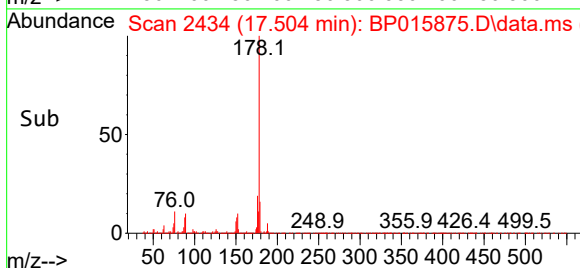
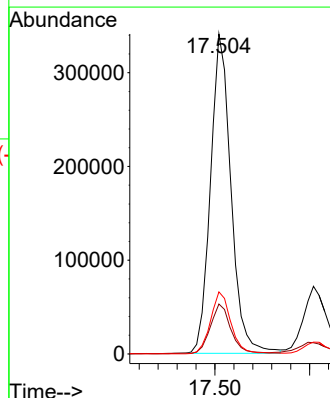
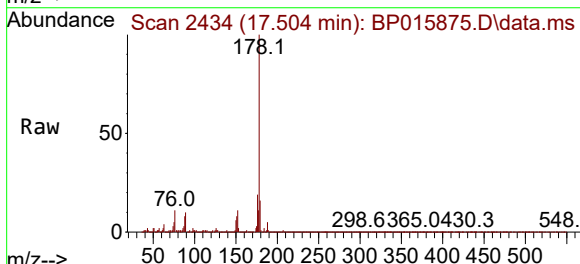
Tgt Ion:178 Resp: 513065

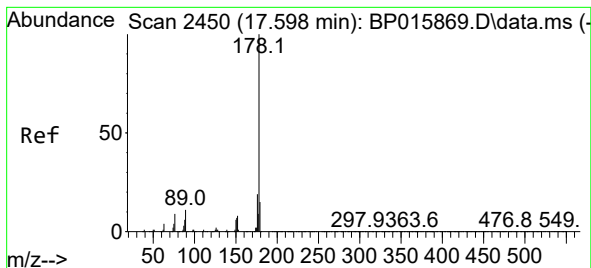
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.4 15.6 23.4





#74

Anthracene

Concen: 1.823 ng/ul

RT: 17.604 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1

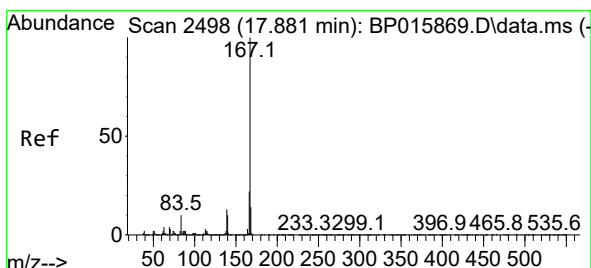
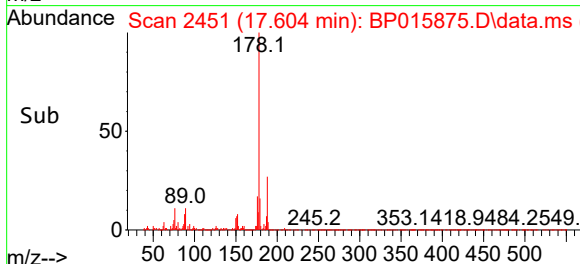
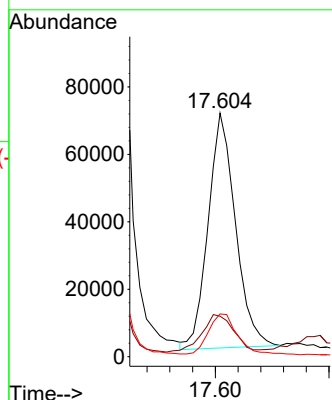
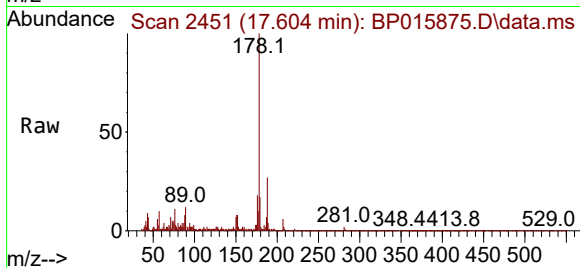
Tgt Ion:178 Resp: 116534

Ion Ratio Lower Upper

178 100

179 16.6 12.1 18.1

176 17.5 14.6 22.0



#77

Carbazole

Concen: 1.386 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

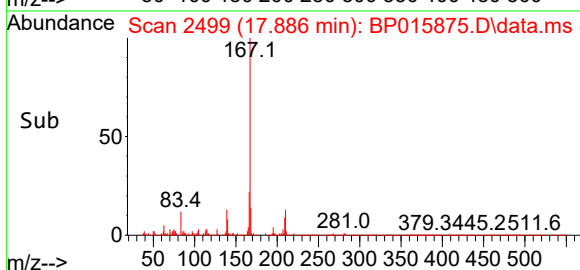
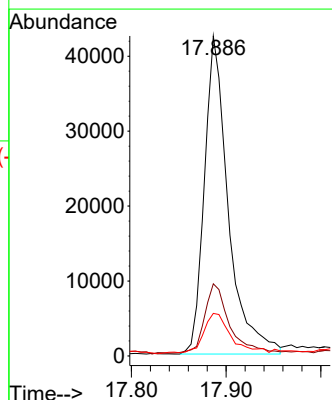
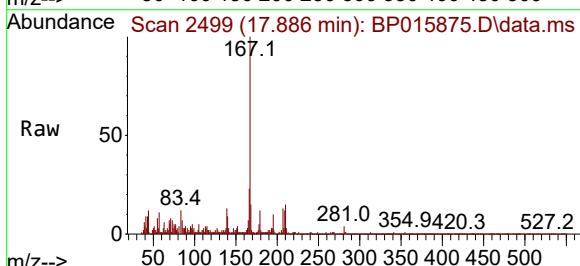
Tgt Ion:167 Resp: 74699

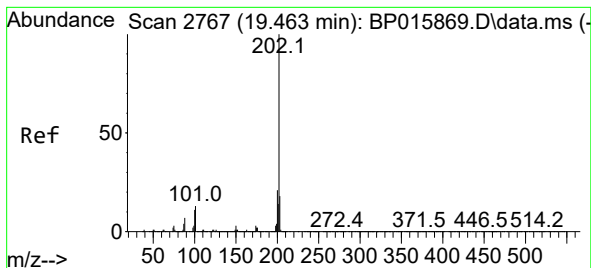
Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

139 13.3 11.0 16.4





#80

Fluoranthene

Concen: 20.500 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1

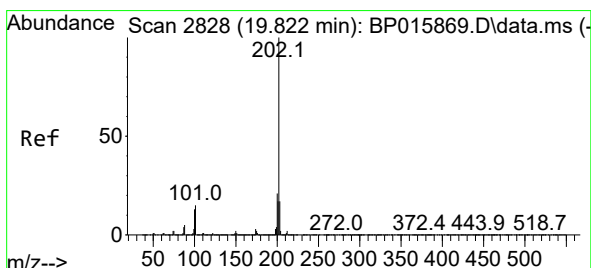
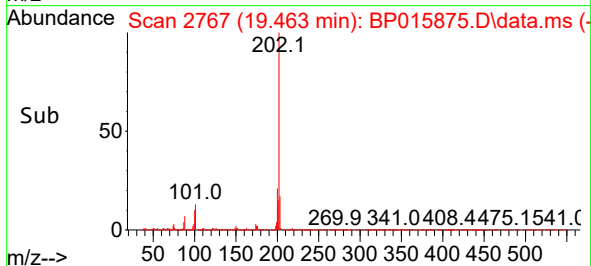
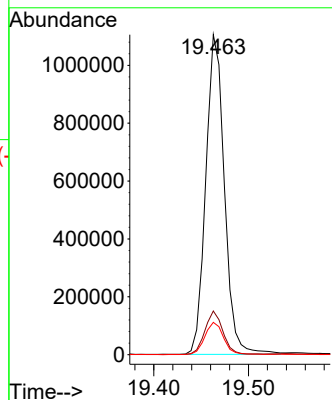
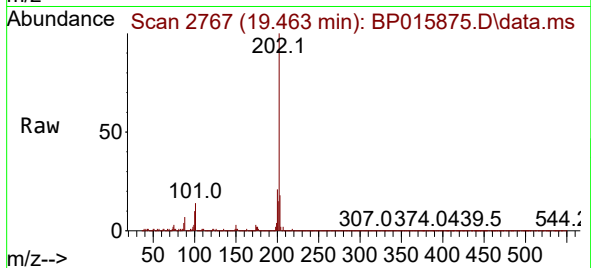
Tgt Ion:202 Resp: 1510461

Ion Ratio Lower Upper

202 100

101 13.7 8.3 12.5#

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 16.259 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. -0.018 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

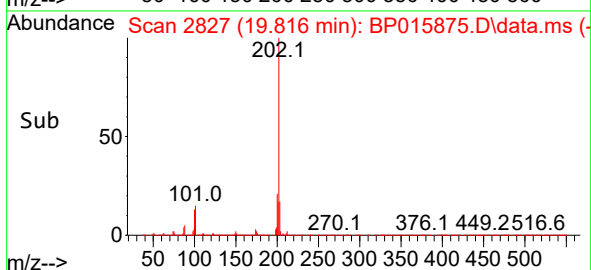
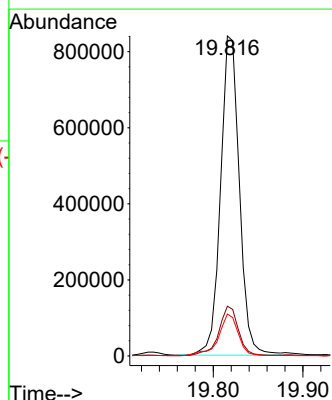
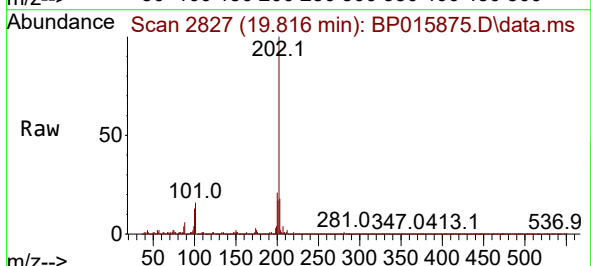
Tgt Ion:202 Resp: 1222053

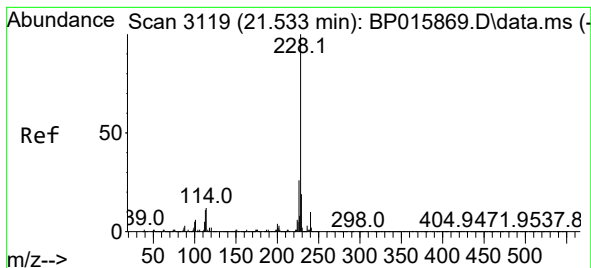
Ion Ratio Lower Upper

202 100

101 15.5 9.3 13.9#

100 13.1 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 11.717 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1

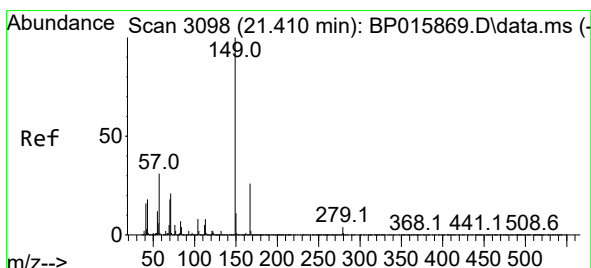
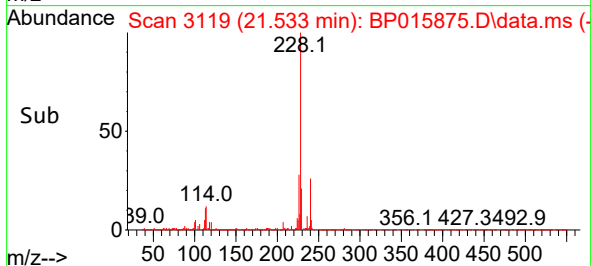
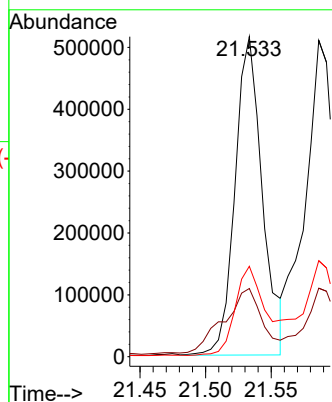
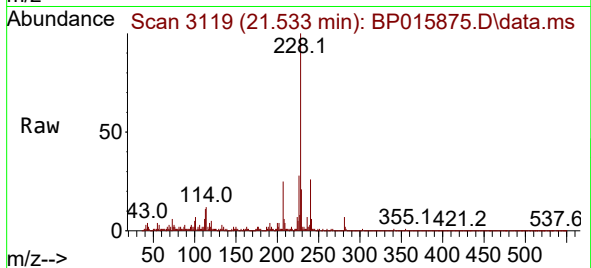
Tgt Ion:228 Resp: 748371

Ion Ratio Lower Upper

228 100

229 21.3 15.3 22.9

226 28.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.532 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. -0.023 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

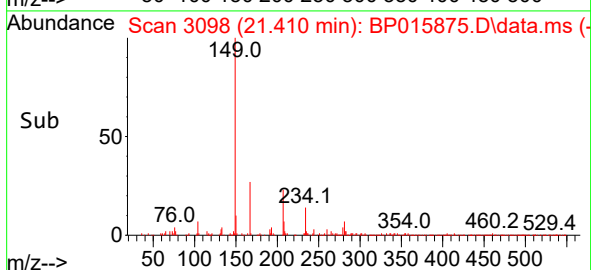
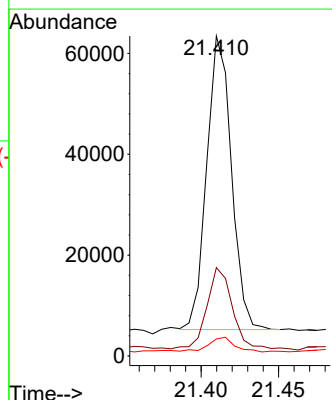
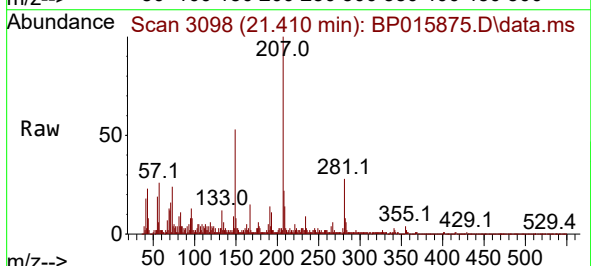
Tgt Ion:149 Resp: 64545

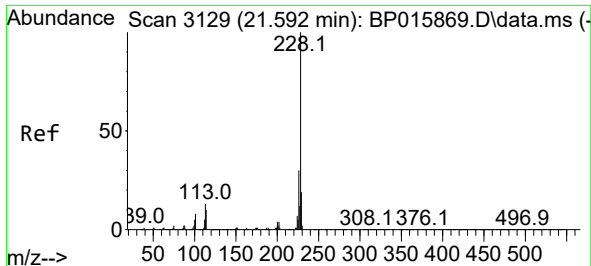
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 5.3 3.8 5.6

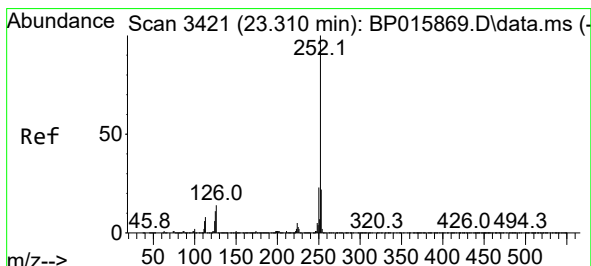
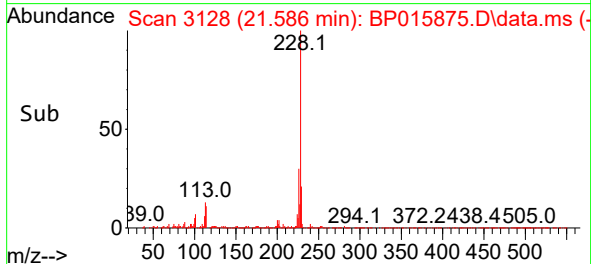
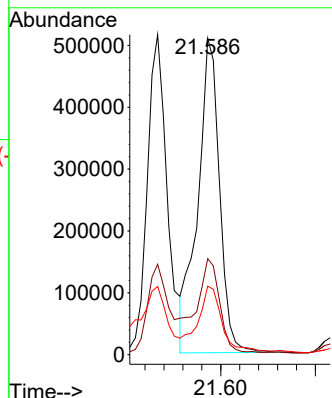
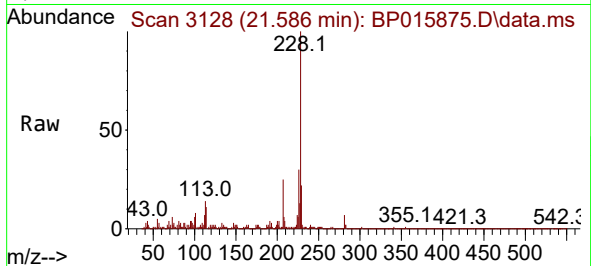




#87
Chrysene
Concen: 13.447 ng/ul
RT: 21.586 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

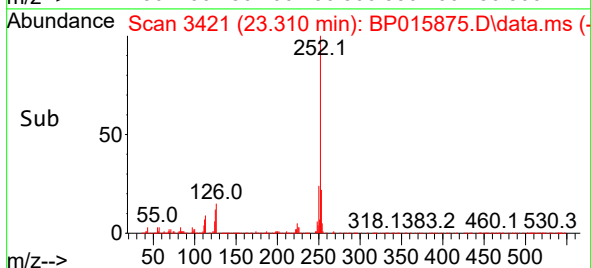
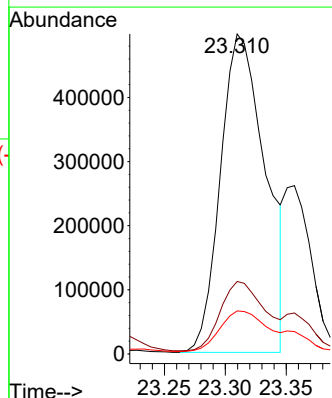
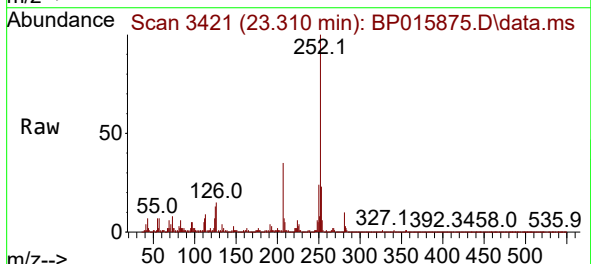
Instrument :
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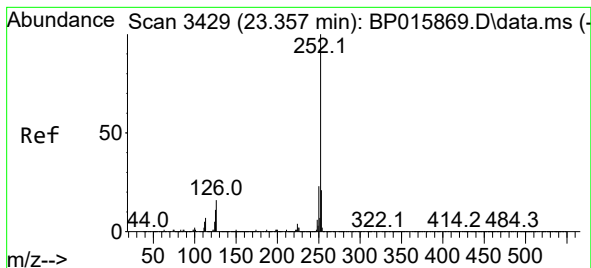
Tgt Ion:228 Resp: 814854
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.7 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 17.777 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BP015875.D
Acq: 01 Jul 2023 09:12

Tgt Ion:252 Resp: 1272318
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 13.5 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 17.595 ng/ul

RT: 23.310 min Scan# 3429

Delta R.T. -0.070 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1

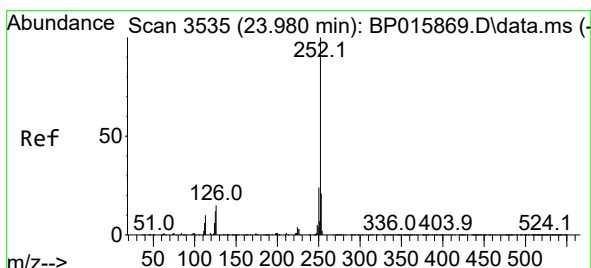
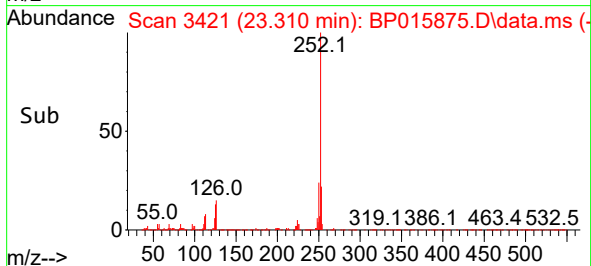
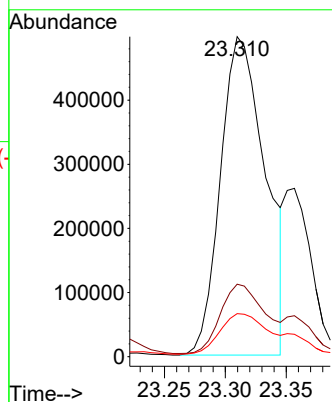
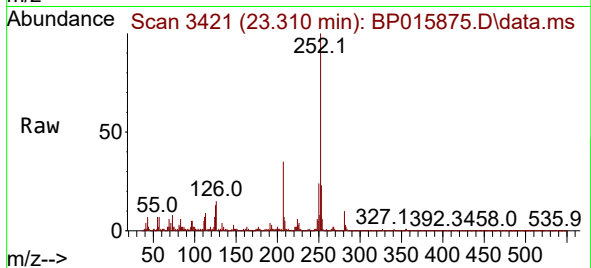
Tgt Ion:252 Resp: 1272318

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 13.5 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 12.444 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.023 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

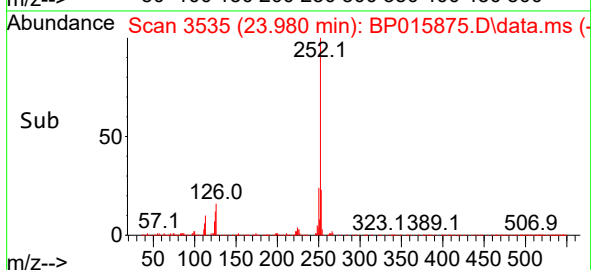
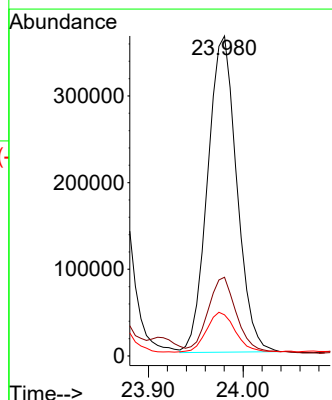
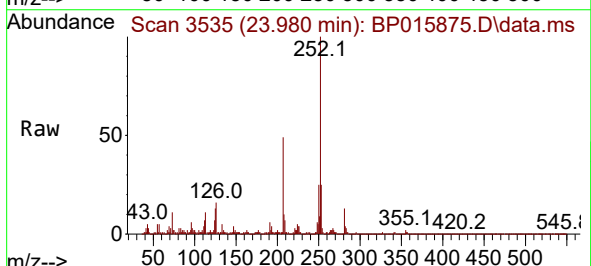
Tgt Ion:252 Resp: 778229

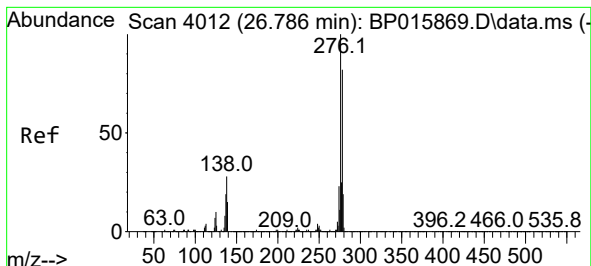
Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 12.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.234 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.029 min

Lab File: BP015875.D

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DCFZ1

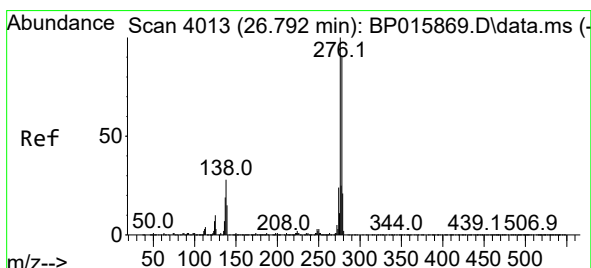
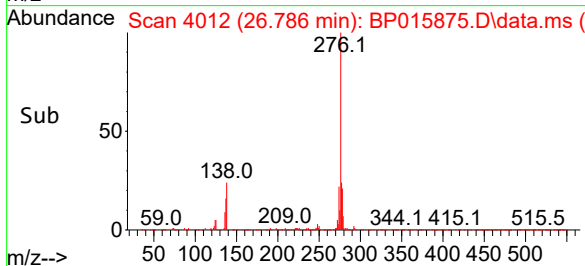
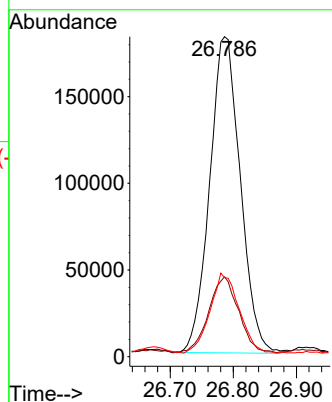
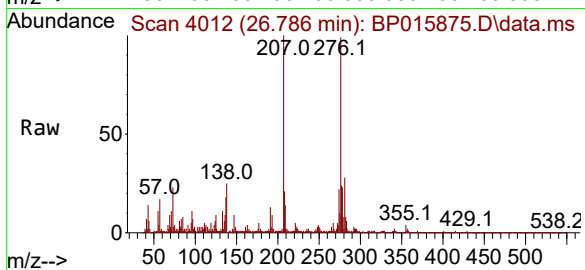
Tgt Ion:276 Resp: 614129

Ion Ratio Lower Upper

276 100

138 24.9 15.7 23.5#

277 24.7 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 2.544 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.047 min

Lab File: BP015875.D

Acq: 01 Jul 2023 09:12

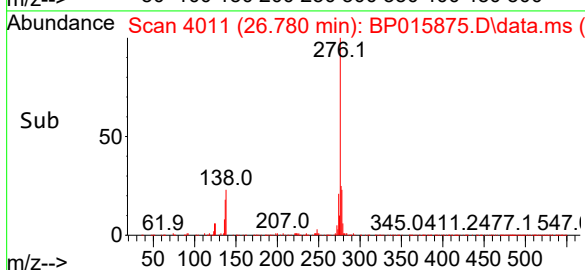
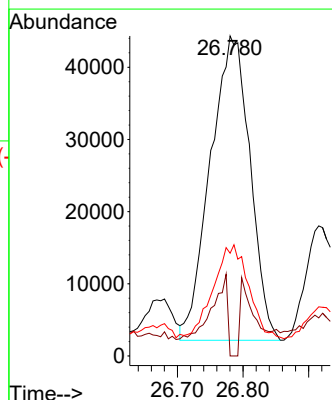
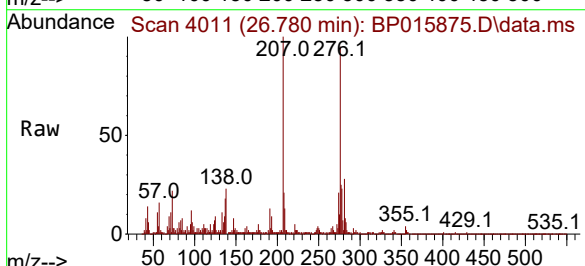
Tgt Ion:278 Resp: 177427

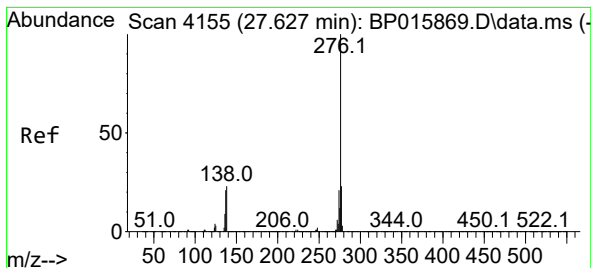
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 32.1 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 7.740 ng/ul

RT: 27.621 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP015875.D

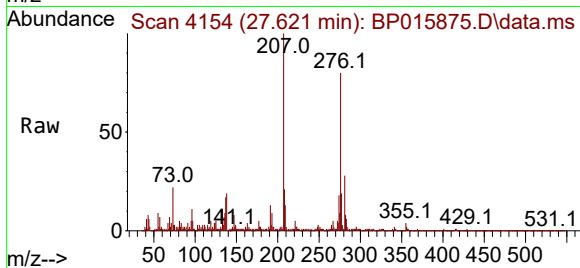
Acq: 01 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

DCFZ1



Tgt Ion:276 Resp: 540591

Ion Ratio Lower Upper

276 100

138 23.3 15.1 22.7#

277 23.8 18.8 28.2

