

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015873.D
 Acq On : 01 Jul 2023 08:05
 Operator : MA/JU
 Sample : 03239-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY4

Quant Time: Jul 02 00:43:18 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)

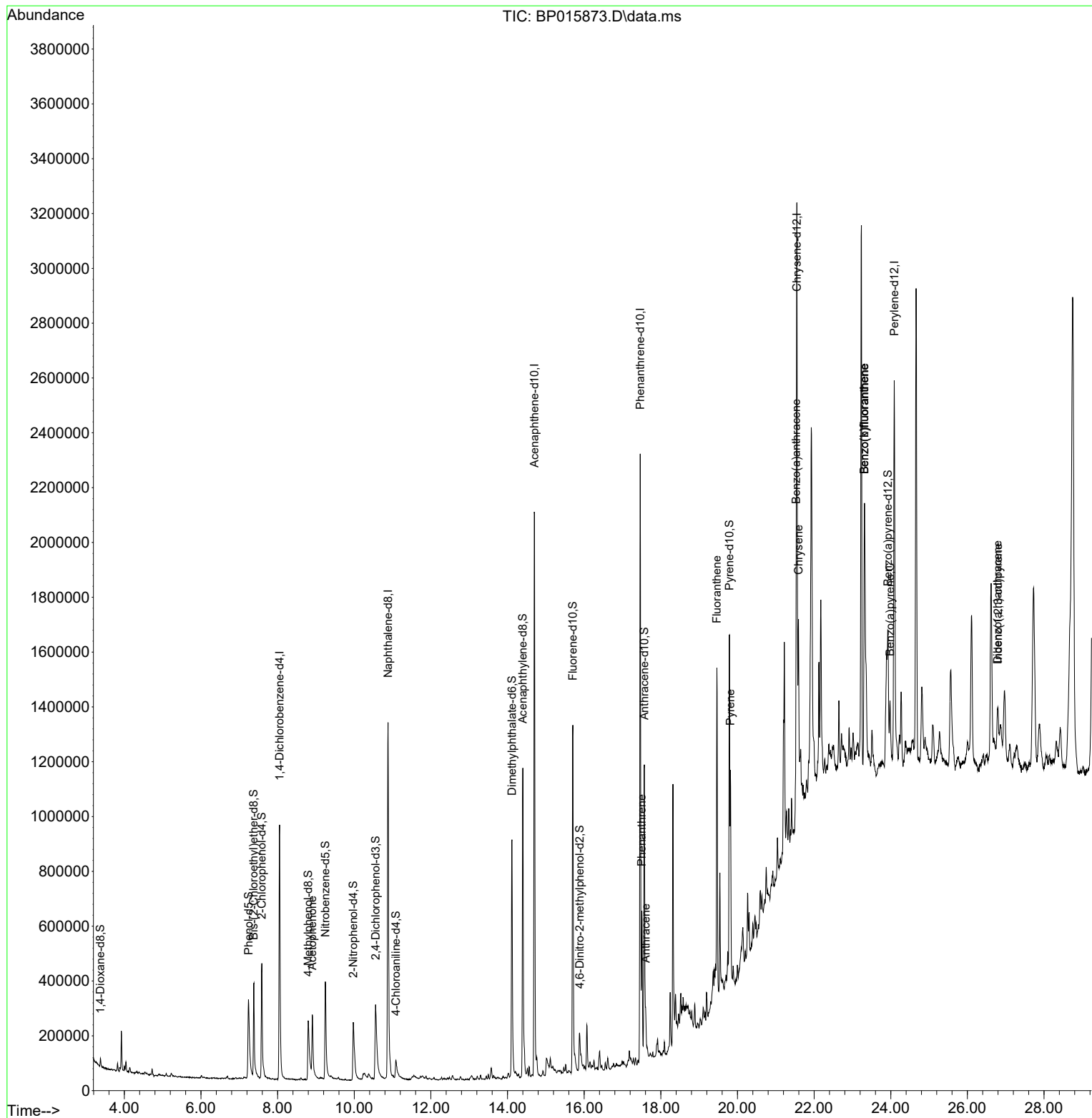
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	292234	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1277661	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.698	164	735919	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1318223	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	929816	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1107693	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15032	1.851	ng/uL	-0.01
4) Pyridine-d5	3.822	84	391	0.019	ng/ul	0.00
7) Phenol-d5	7.240	99	266994	10.678	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	197128	12.743	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.587	132	226593	12.005	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	162068	8.205	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	107010	10.959	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	117227	10.286	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	192671	9.487	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	62941	2.413	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	704589	12.387	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	768866	12.024	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.928	143	93	0.012	ng/ul	-0.02
60) Fluorene-d10	15.704	176	568113	12.130	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	47099	5.810	ng/ul	0.02
73) Anthracene-d10	17.569	188	732346	12.162	ng/ul	0.00
81) Pyrene-d10	19.786	212	594702	9.795	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.927	264	398723	7.136	ng/ul	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.905	105	163229	5.027	ng/ul	97
72) Phenanthrene	17.504	178	299019	4.175	ng/ul	99
74) Anthracene	17.604	178	89833	1.248	ng/ul	98
80) Fluoranthene	19.463	202	719888	9.540	ng/ul#	93
82) Pyrene	19.816	202	446190	5.797	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	374280	5.722	ng/ul	97
87) Chrysene	21.592	228	380673	6.134	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	623232	8.756	ng/ul#	94
91) Benzo(k)fluoranthene	23.310	252	623232	8.667	ng/ul#	93
93) Benzo(a)pyrene	23.980	252	193667	3.114	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.798	276	214477	2.540	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.786	278	94354	1.361	ng/ul#	77

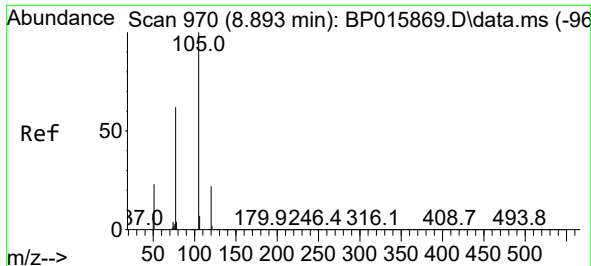
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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Quant Title : SVOA CALIBRATION
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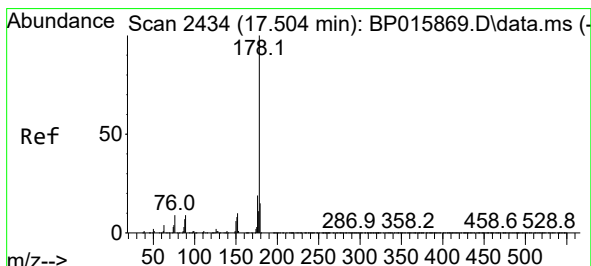
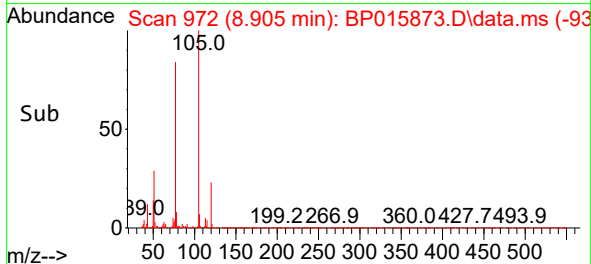
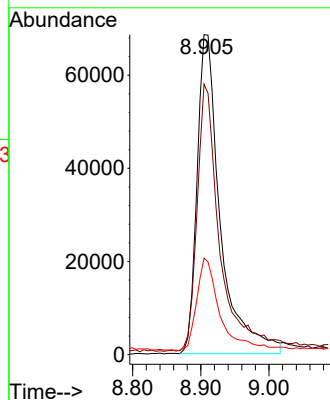
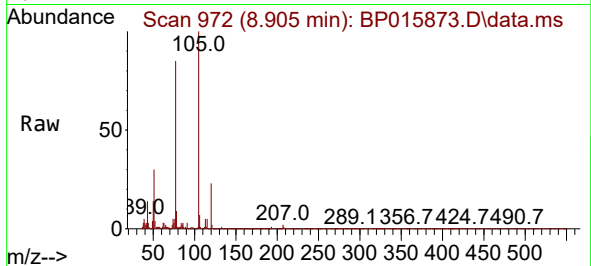




#16
Acetophenone
Concen: 5.027 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015873.D
Acq: 01 Jul 2023 08:05

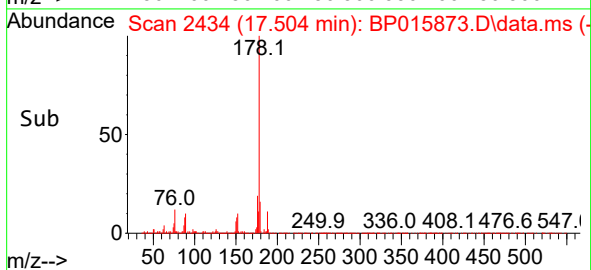
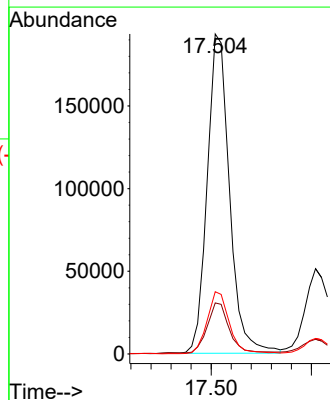
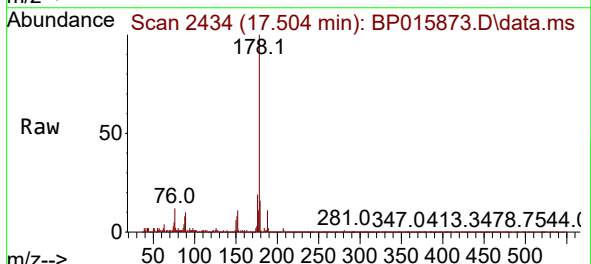
Instrument :
BNA_P
ClientSampleId :
DCFY4

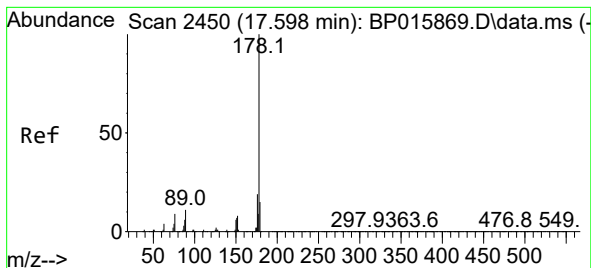
Tgt Ion:105 Resp: 163229
Ion Ratio Lower Upper
105 100
77 84.5 65.0 97.4
51 30.2 25.1 37.7



#72
Phenanthrene
Concen: 4.175 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015873.D
Acq: 01 Jul 2023 08:05

Tgt Ion:178 Resp: 299019
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.5 15.6 23.4





#74

Anthracene

Concen: 1.248 ng/ul

RT: 17.604 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

DCFY4

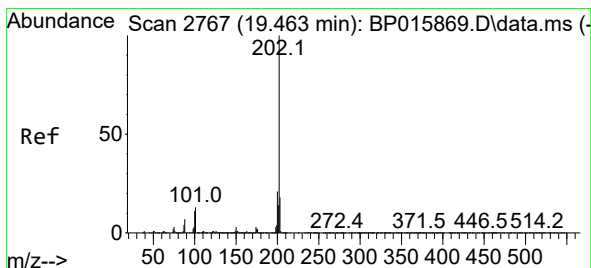
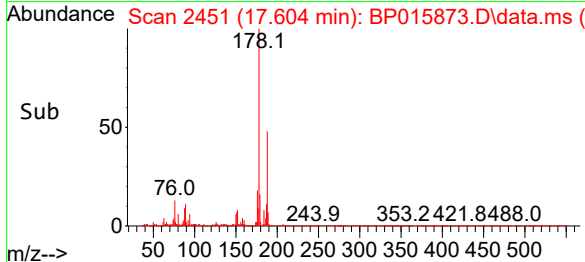
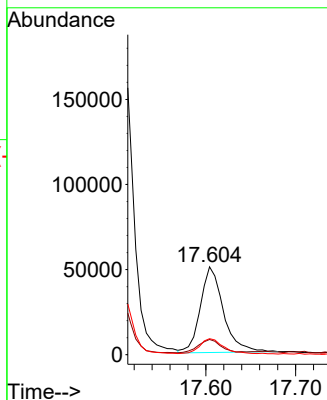
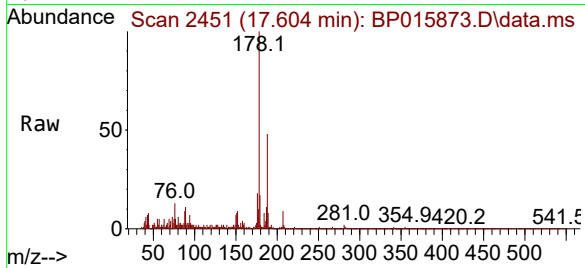
Tgt Ion:178 Resp: 89833

Ion Ratio Lower Upper

178 100

179 17.3 12.1 18.1

176 18.3 14.6 22.0



#80

Fluoranthene

Concen: 9.540 ng/ul

RT: 19.463 min Scan# 2767

Delta R.T. -0.012 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

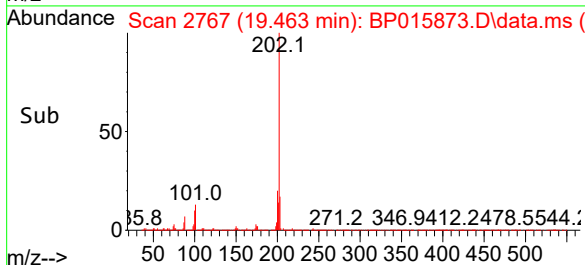
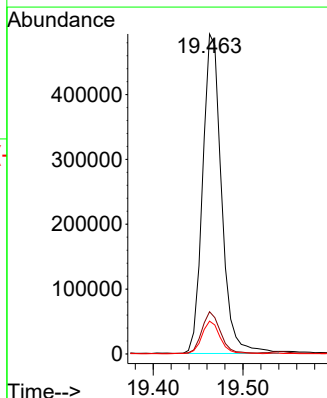
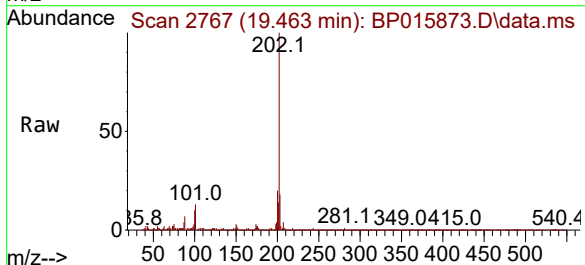
Tgt Ion:202 Resp: 719888

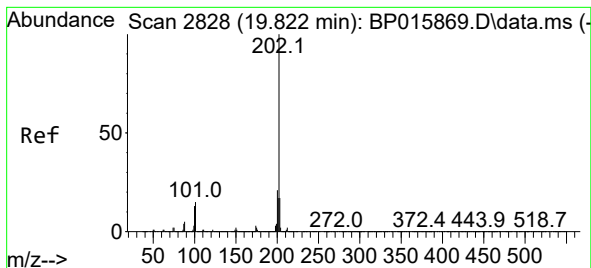
Ion Ratio Lower Upper

202 100

101 13.2 8.3 12.5#

100 10.3 6.6 9.8#





#82

Pyrene

Concen: 5.797 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

DCFY4

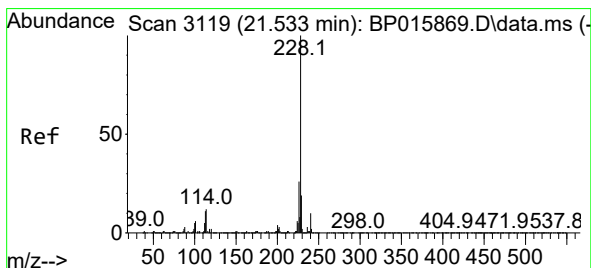
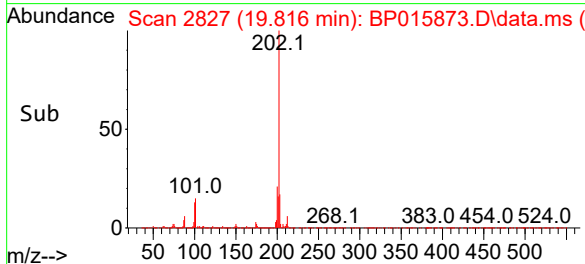
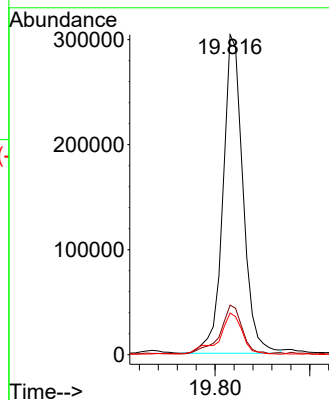
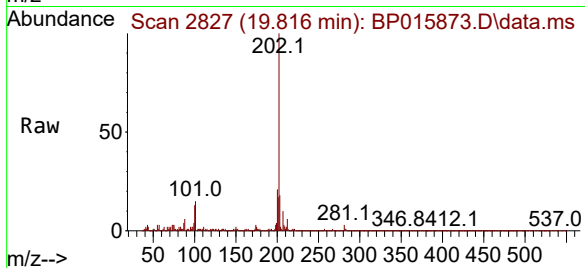
Tgt Ion:202 Resp: 446190

Ion Ratio Lower Upper

202 100

101 15.5 9.3 13.9#

100 13.0 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 5.722 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

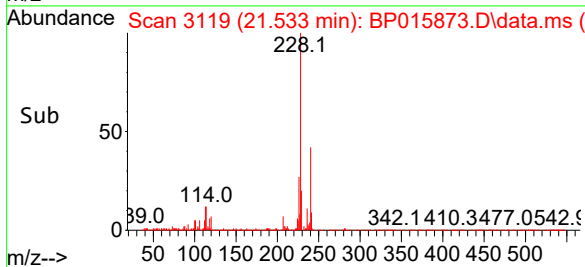
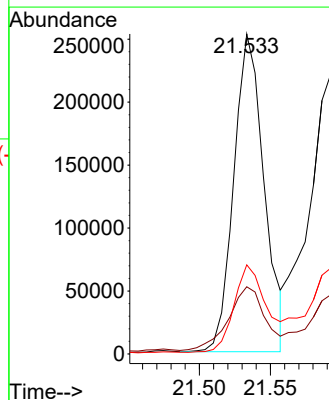
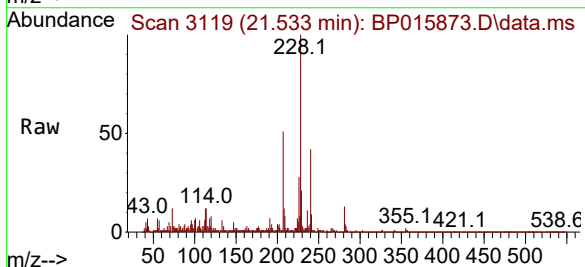
Tgt Ion:228 Resp: 374280

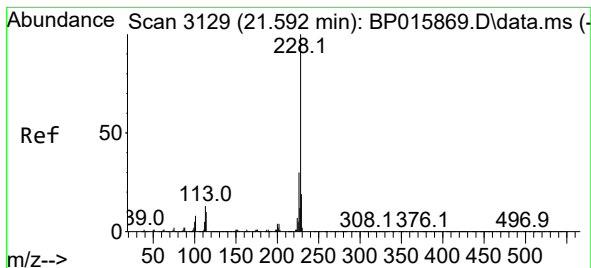
Ion Ratio Lower Upper

228 100

229 21.0 15.3 22.9

226 27.9 21.4 32.0





#87

Chrysene

Concen: 6.134 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

DCFY4

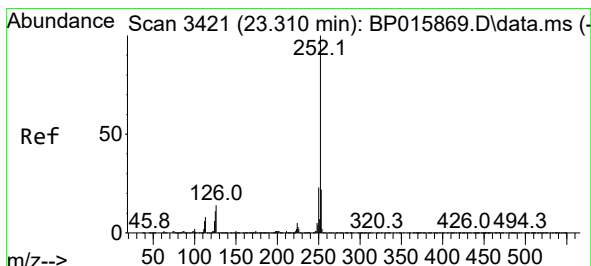
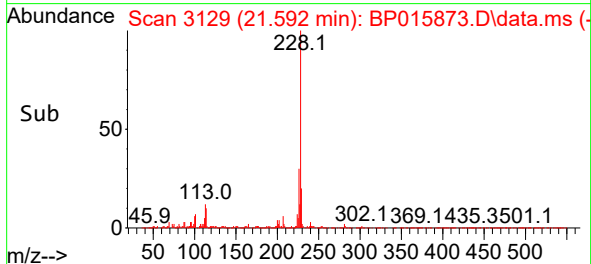
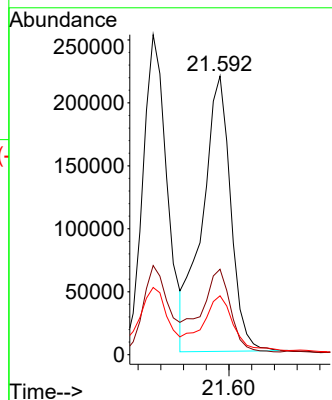
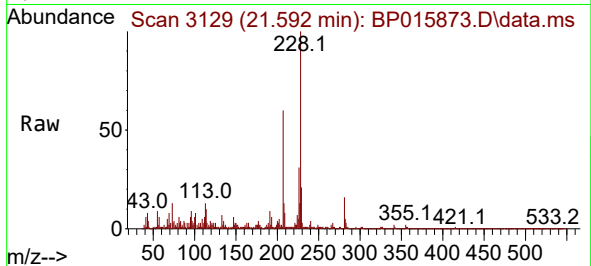
Tgt Ion:228 Resp: 380673

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 21.1 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.756 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.018 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

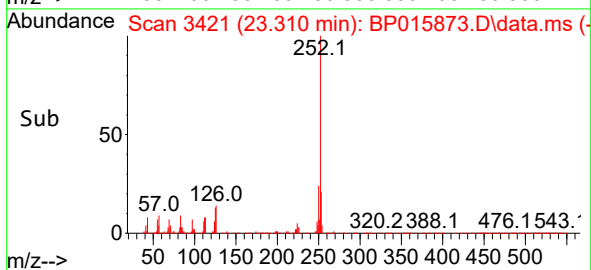
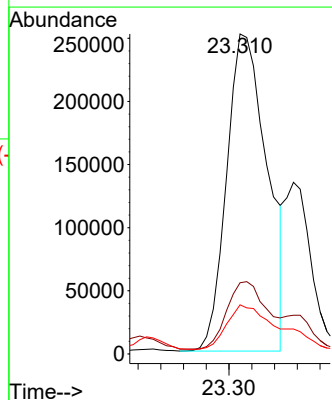
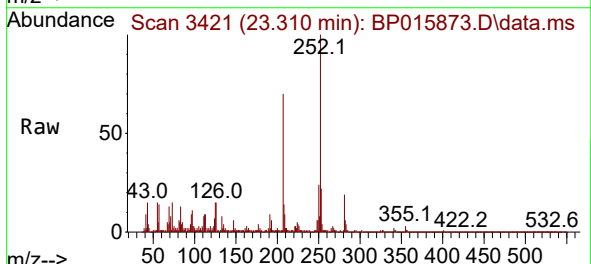
Tgt Ion:252 Resp: 623232

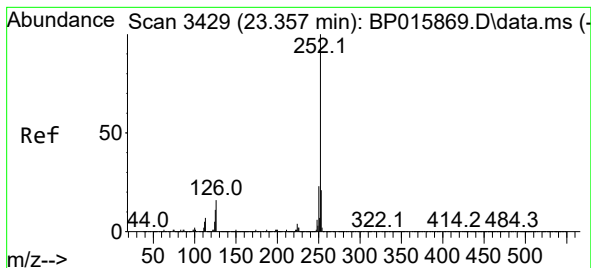
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 15.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 8.667 ng/ul

RT: 23.310 min Scan# 3429

Delta R.T. -0.070 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Instrument :

BNA_P

ClientSampleId :

DCFY4

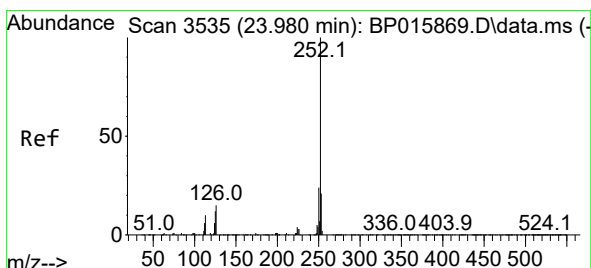
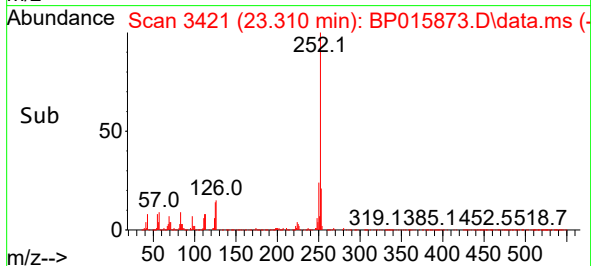
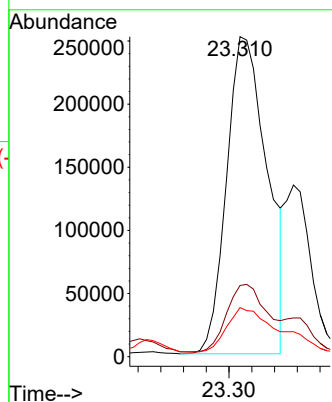
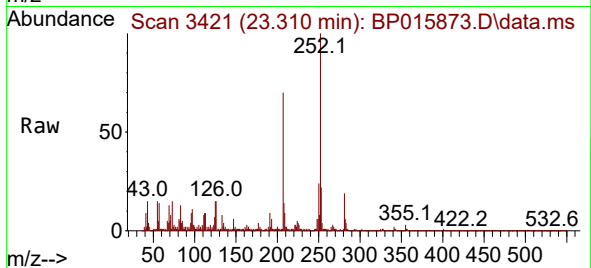
Tgt Ion:252 Resp: 623232

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 15.3 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 3.114 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.023 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

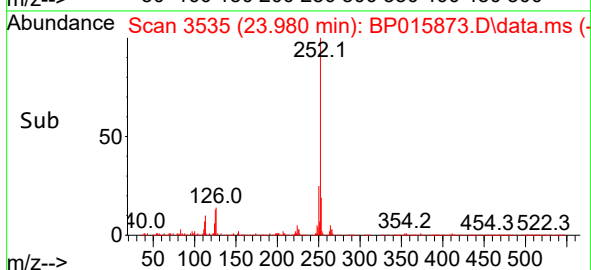
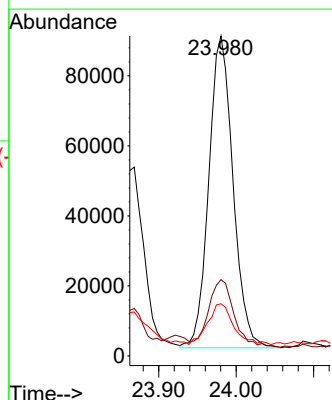
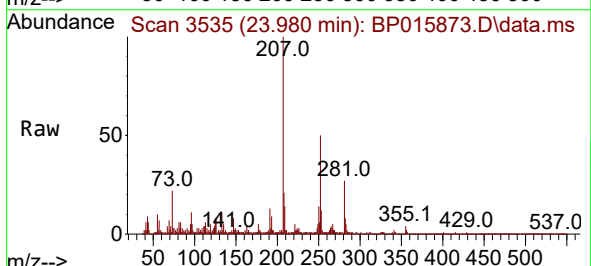
Tgt Ion:252 Resp: 193667

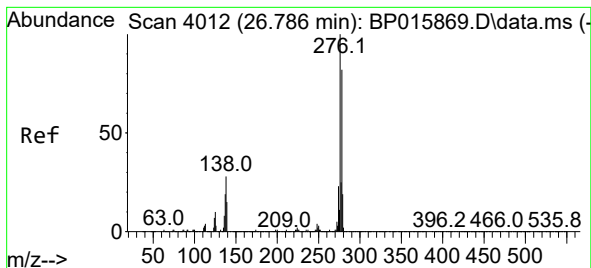
Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

125 16.3 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.540 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.018 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

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BNA_P

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DCFY4

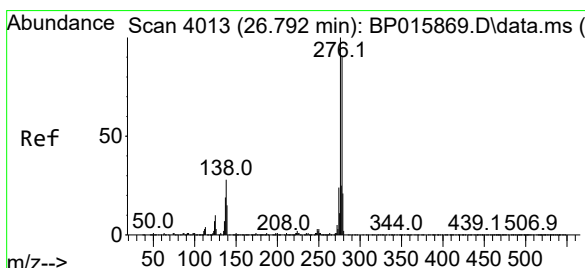
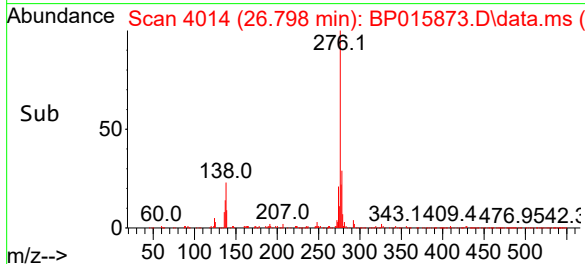
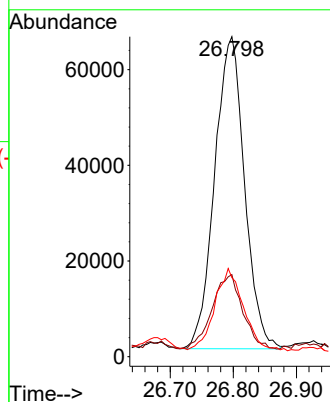
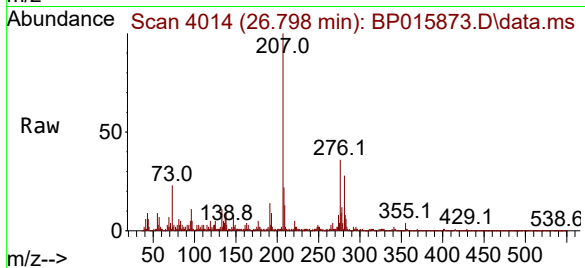
Tgt Ion:276 Resp: 214477

Ion Ratio Lower Upper

276 100

138 25.7 15.7 23.5#

277 24.7 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.361 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.041 min

Lab File: BP015873.D

Acq: 01 Jul 2023 08:05

Tgt Ion:278 Resp: 94354

Ion Ratio Lower Upper

278 100

139 24.3 10.5 15.7#

279 32.8 18.4 27.6#

