

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015935.D
 Acq On : 02 Jul 2023 21:25
 Operator : MA/JU
 Sample : 03245-09
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 03 04:21:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

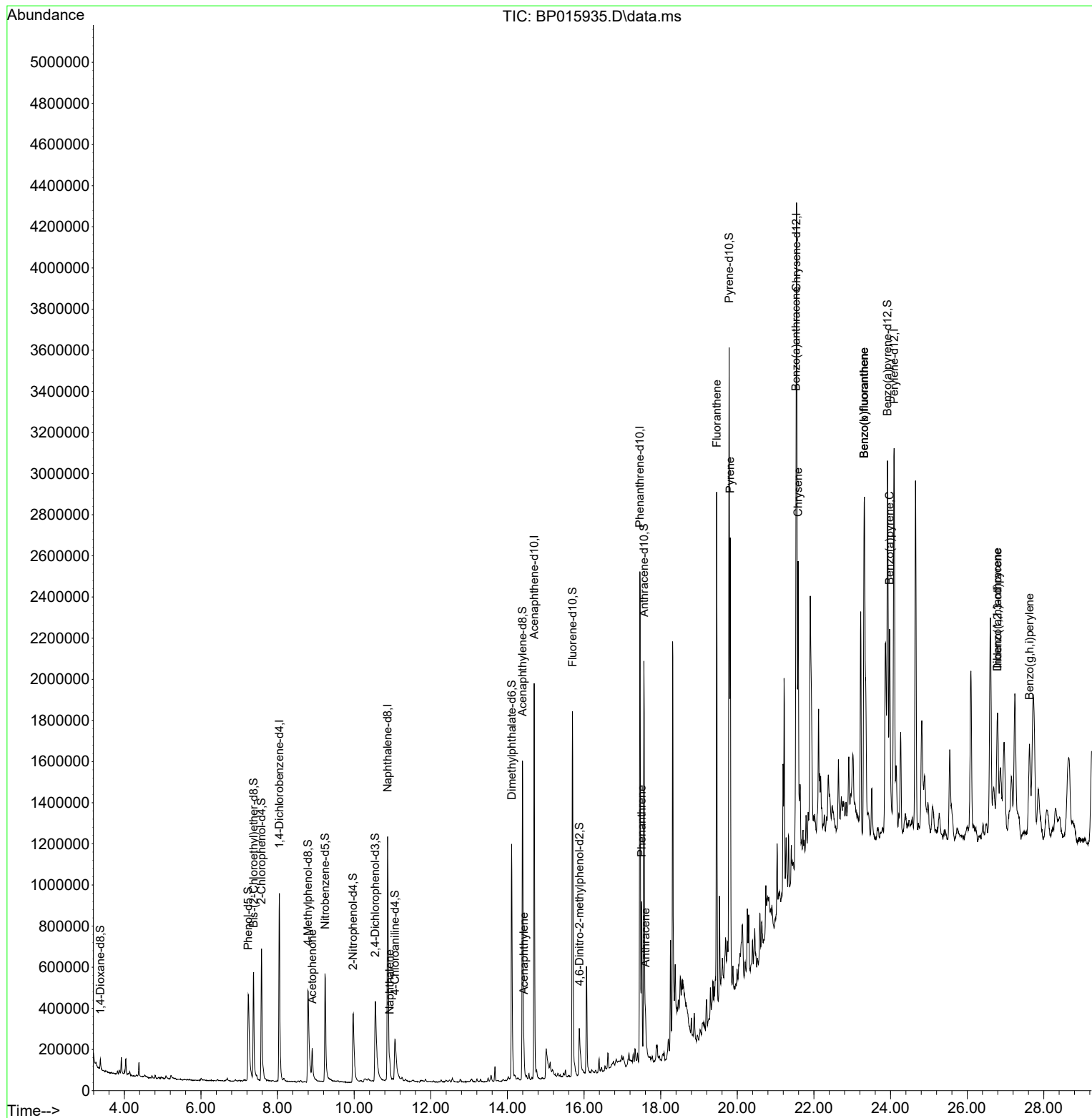
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	276303	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1140675	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	659960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1426258	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1272156	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1487677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22478	2.927	ng/uL	0.00
4) Pyridine-d5	3.822	84	1163	0.060	ng/ul	0.00
7) Phenol-d5	7.234	99	398547	16.858	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	282294	19.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	333781	18.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	292720	15.674	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	153817	17.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	169042	16.615	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.552	165	276298	15.239	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	236172	10.140	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	914998	17.938	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1052222	18.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	84	0.012	ng/ul	-0.02
60) Fluorene-d10	15.698	176	792509	18.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	78466	8.946	ng/ul	0.02
73) Anthracene-d10	17.563	188	1216109	18.667	ng/ul	0.00
81) Pyrene-d10	19.786	212	1467269	17.663	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1447984	19.295	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.905	105	102297	3.332	ng/ul	98
30) Naphthalene	10.928	128	73742	1.189	ng/ul	98
50) Acenaphthylene	14.428	152	103878	1.644	ng/ul	98
72) Phenanthrene	17.504	178	446831	5.767	ng/ul	99
74) Anthracene	17.604	178	133721	1.718	ng/ul	98
80) Fluoranthene	19.463	202	1399229	13.553	ng/ul#	95
82) Pyrene	19.816	202	1218018	11.566	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	724482	8.096	ng/ul	97
87) Chrysene	21.586	228	812088	9.565	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	1221500	12.779	ng/ul#	96
91) Benzo(k)fluoranthene	23.310	252	1221500	12.647	ng/ul#	95
93) Benzo(a)pyrene	23.974	252	812334	9.726	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	675808	5.960	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.786	278	178452	1.916	ng/ul#	78
96) Benzo(g,h,i)perylene	27.627	276	614387	6.586	ng/ul#	93

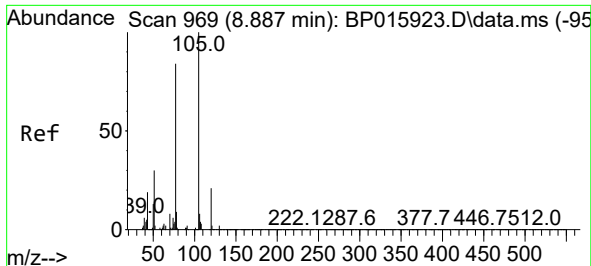
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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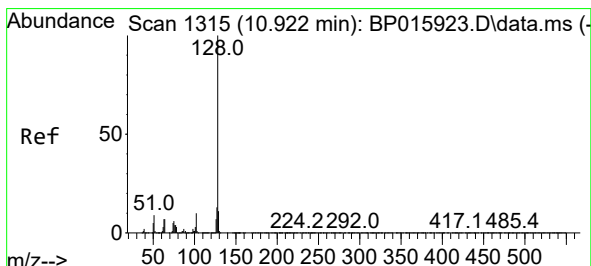
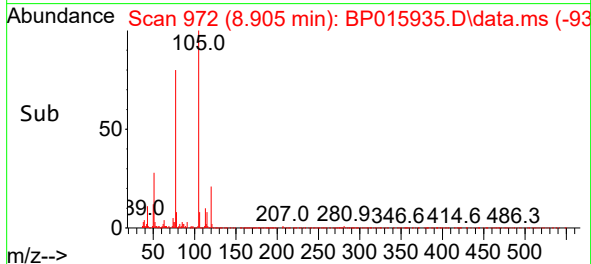
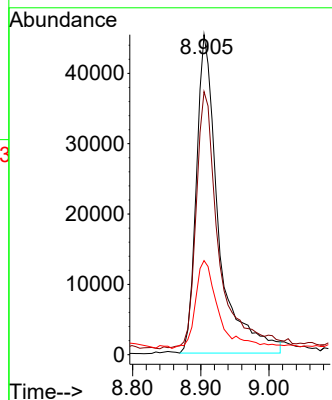
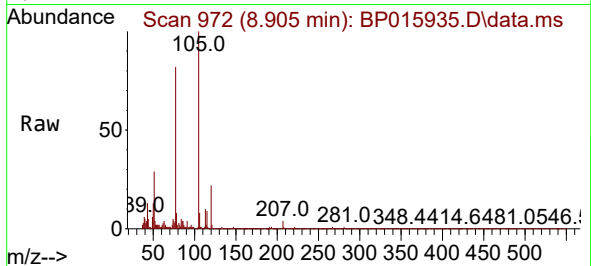




#16
Acetophenone
Concen: 3.332 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

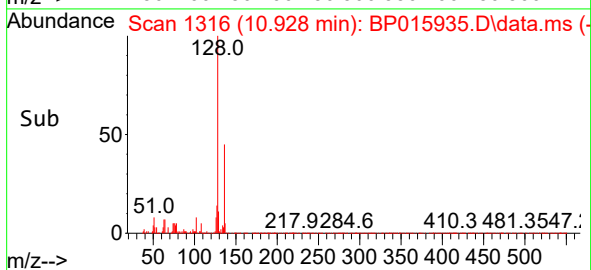
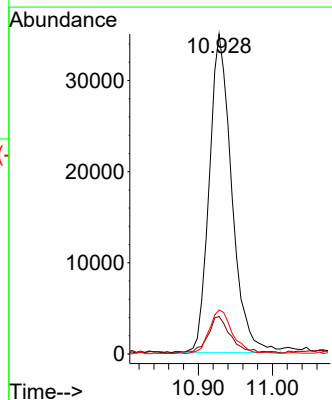
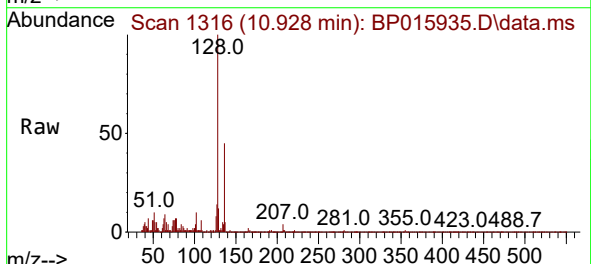
Instrument :
BNA_P
ClientSampleId :

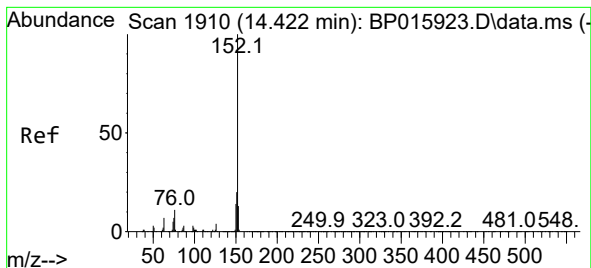
Tgt Ion:105 Resp: 102297
Ion Ratio Lower Upper
105 100
77 82.2 65.0 97.4
51 29.4 25.1 37.7



#30
Naphthalene
Concen: 1.189 ng/ul
RT: 10.928 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

Tgt Ion:128 Resp: 73742
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.8 10.3 15.5





#50

Acenaphthylene

Concen: 1.644 ng/ul

RT: 14.428 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNP_P

ClientSampleId :

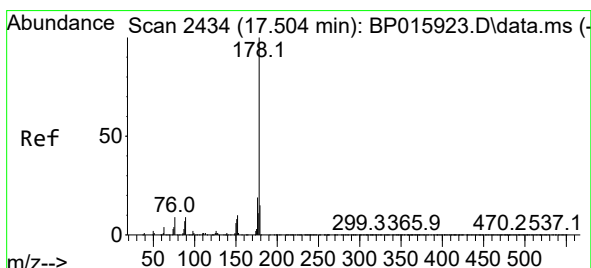
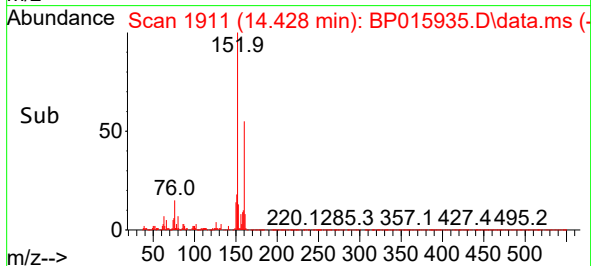
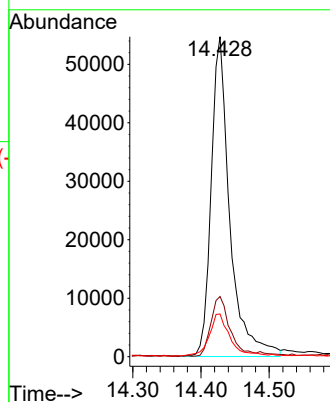
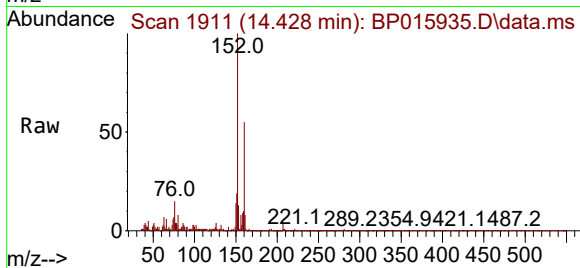
Tgt Ion:152 Resp: 103878

Ion Ratio Lower Upper

152 100

151 18.8 16.2 24.2

153 13.3 10.5 15.7



#72

Phenanthrene

Concen: 5.767 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

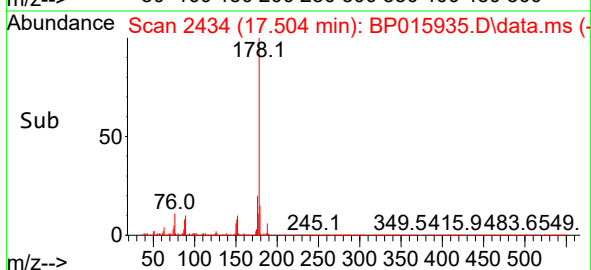
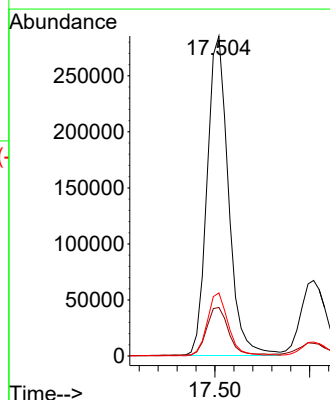
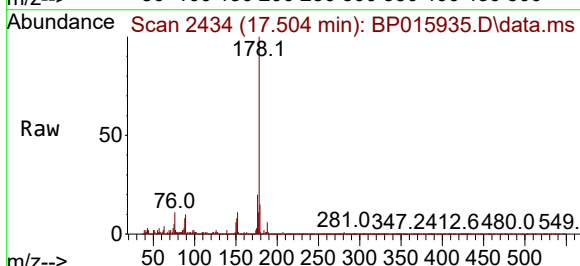
Tgt Ion:178 Resp: 446831

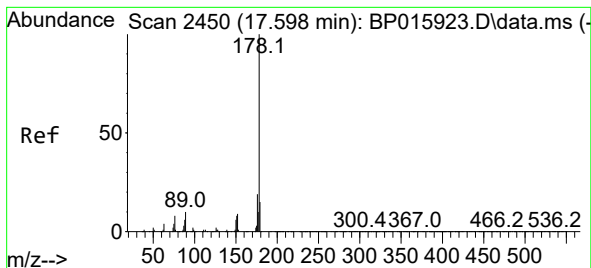
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.7 15.6 23.4





#74

Anthracene

Concen: 1.718 ng/ul

RT: 17.604 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

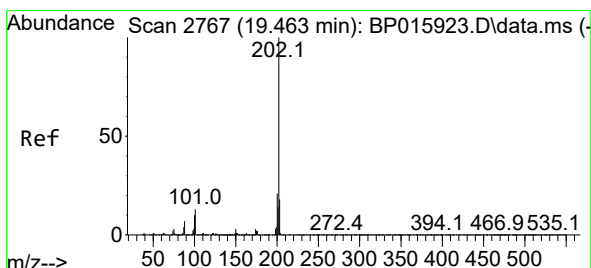
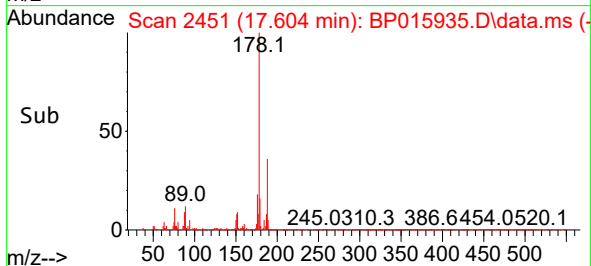
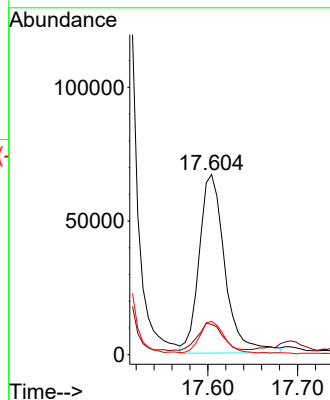
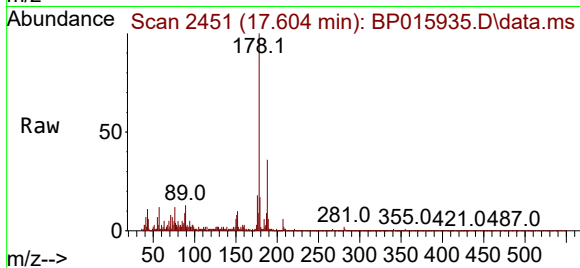
Tgt Ion:178 Resp: 133721

Ion Ratio Lower Upper

178 100

179 16.8 12.1 18.1

176 18.4 14.6 22.0



#80

Fluoranthene

Concen: 13.553 ng/ul

RT: 19.463 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

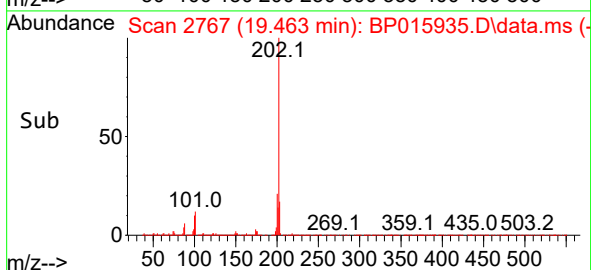
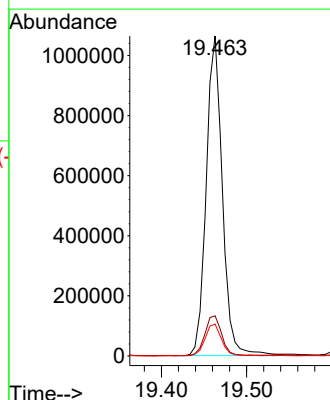
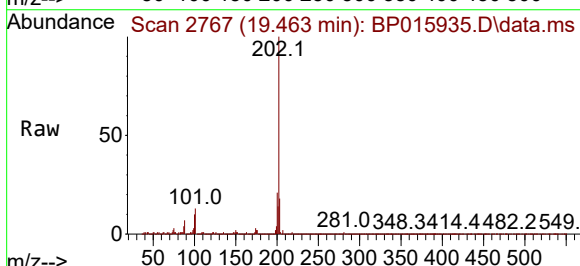
Tgt Ion:202 Resp: 1399229

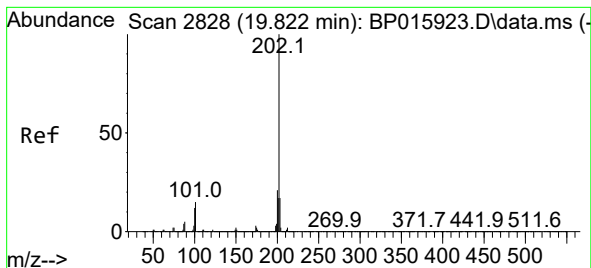
Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 10.0 6.6 9.8#





#82

Pyrene

Concen: 11.566 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

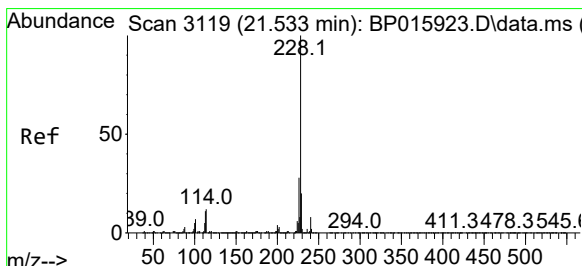
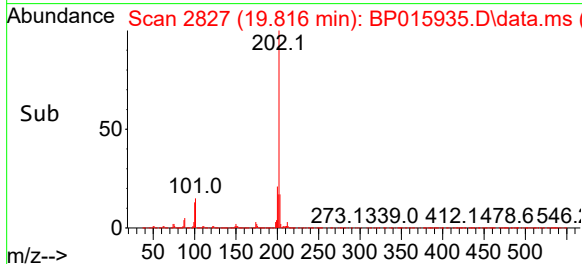
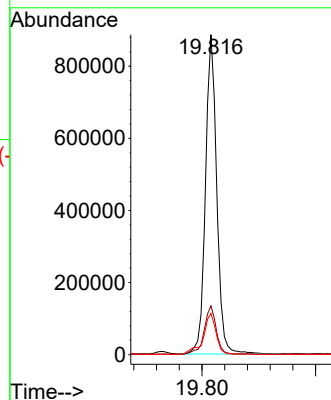
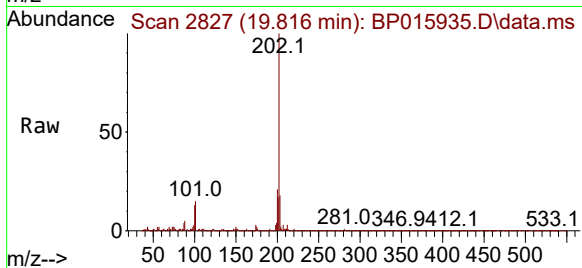
Tgt Ion:202 Resp: 1218018

Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 12.9 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 8.096 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

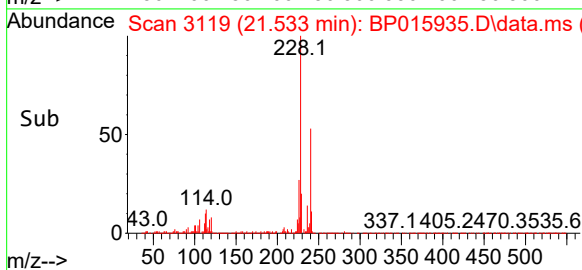
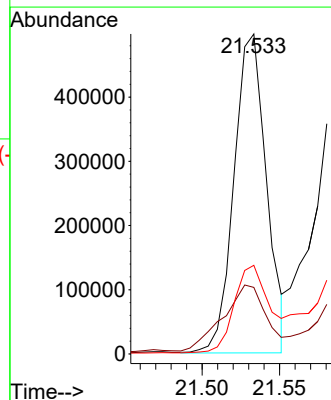
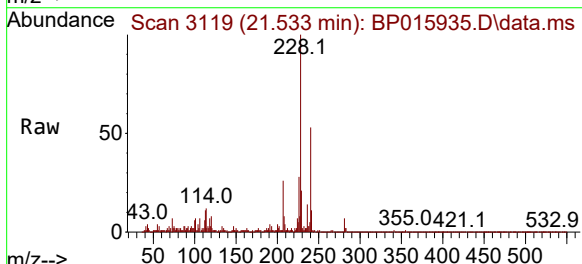
Tgt Ion:228 Resp: 724482

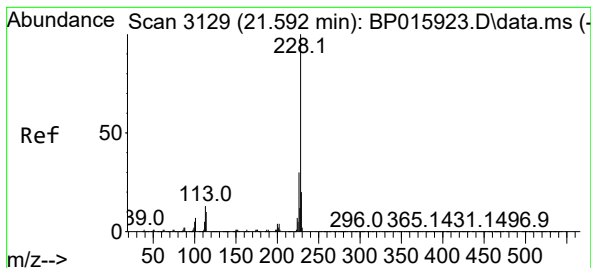
Ion Ratio Lower Upper

228 100

229 20.8 15.3 22.9

226 27.7 21.4 32.0





#87

Chrysene

Concen: 9.565 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

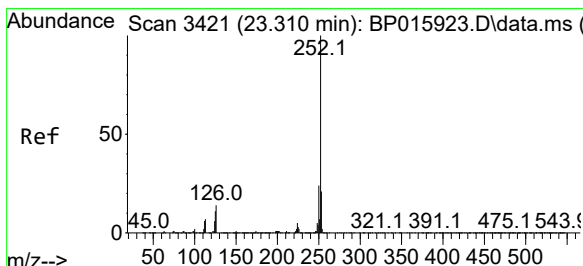
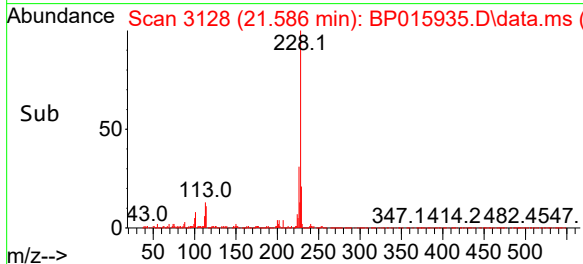
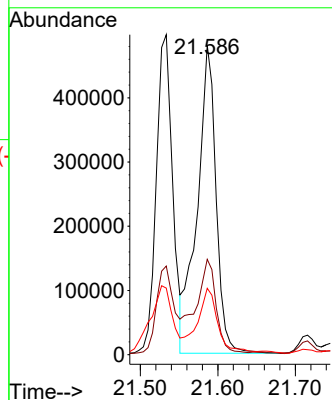
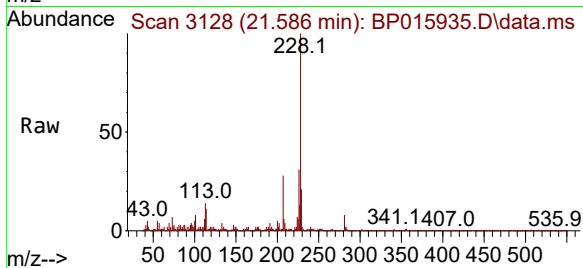
Tgt Ion:228 Resp: 812088

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 21.5 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 12.779 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

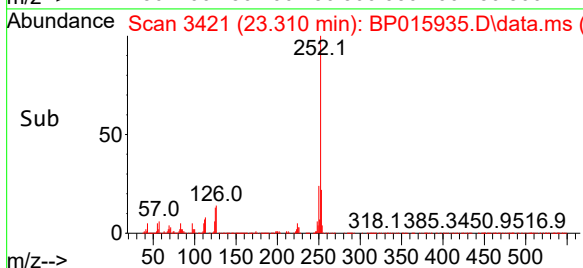
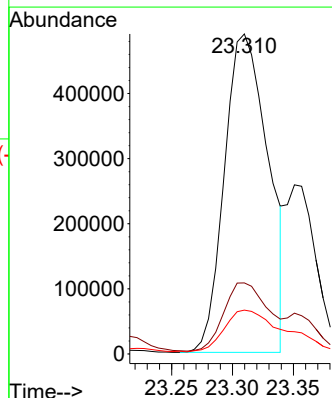
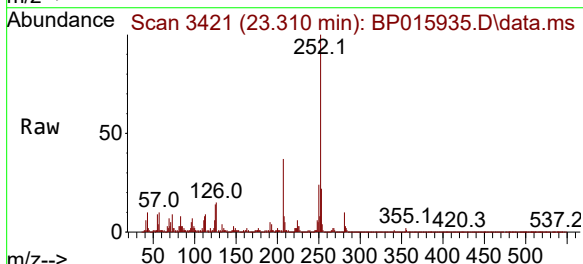
Tgt Ion:252 Resp: 1221500

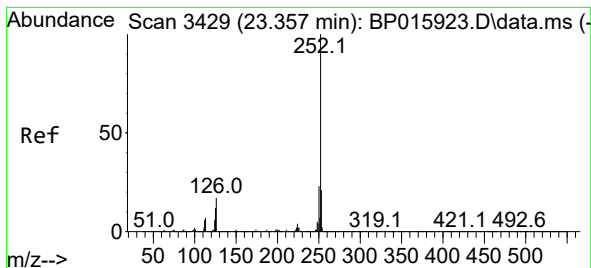
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 13.7 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 12.647 ng/ul

RT: 23.310 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

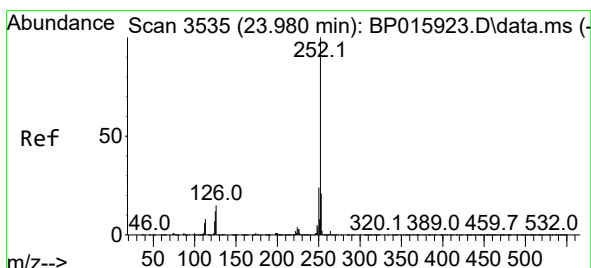
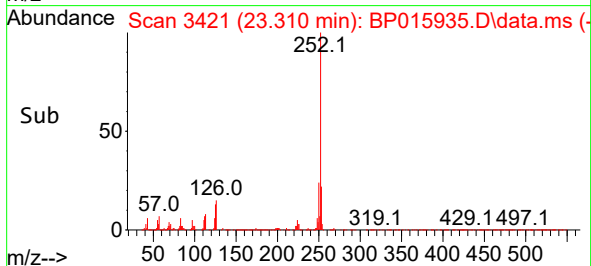
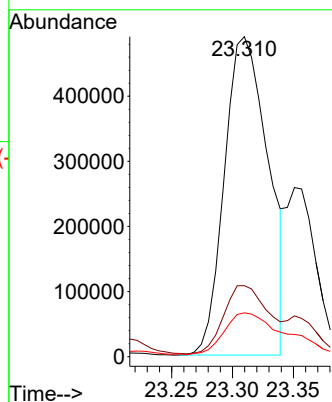
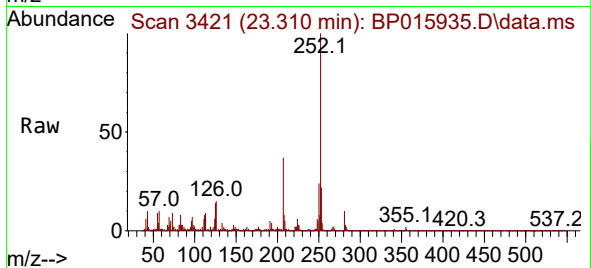
Tgt Ion:252 Resp: 1221500

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 13.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 9.726 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

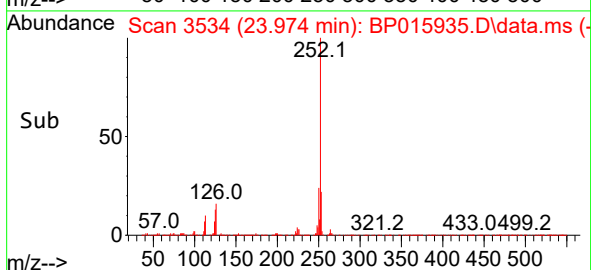
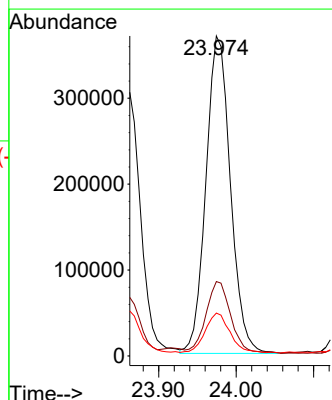
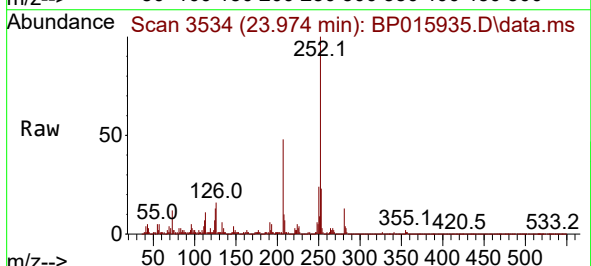
Tgt Ion:252 Resp: 812334

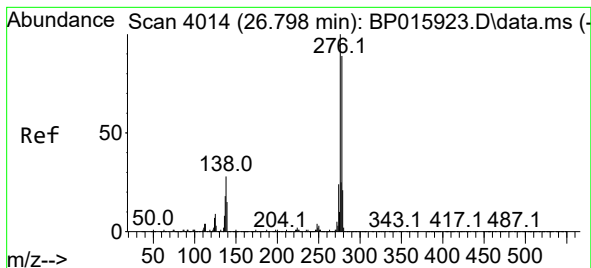
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 13.4 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.960 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

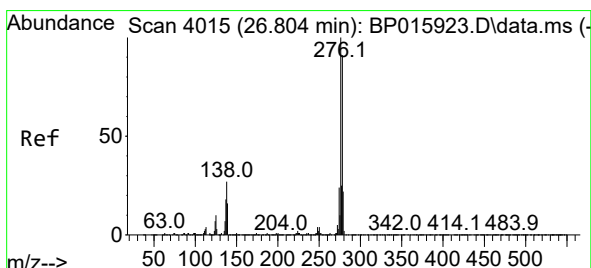
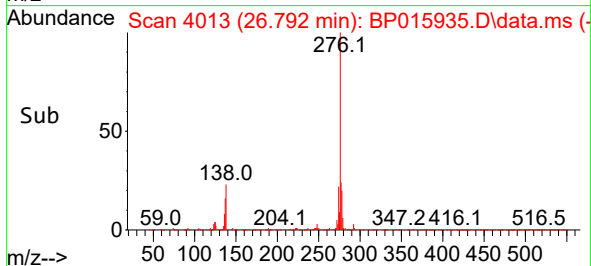
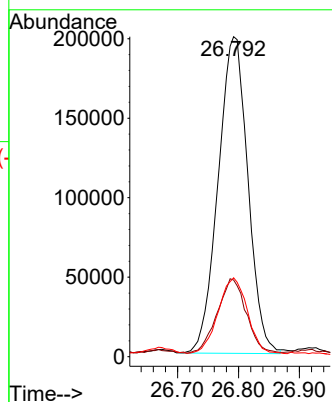
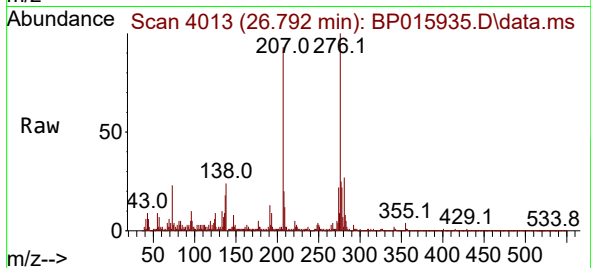
Tgt Ion:276 Resp: 675808

Ion Ratio Lower Upper

276 100

138 24.0 15.7 23.5#

277 24.7 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.916 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.011 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

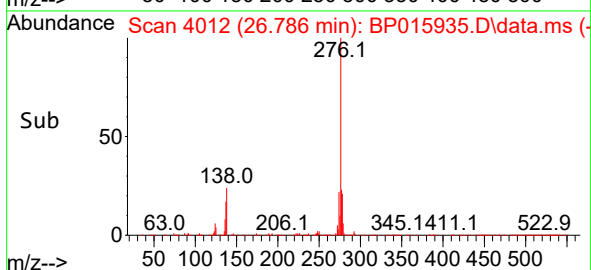
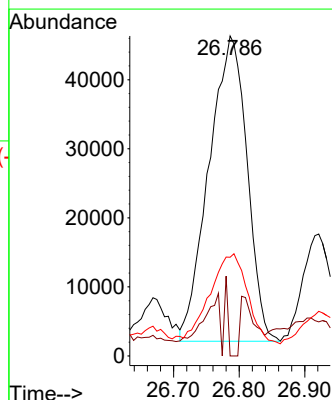
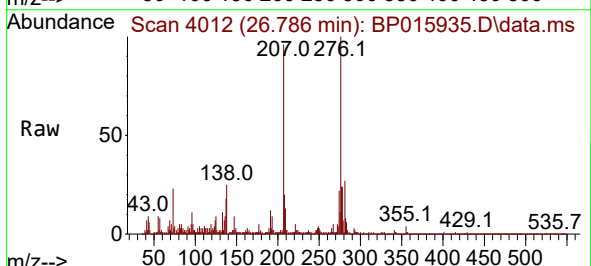
Tgt Ion:278 Resp: 178452

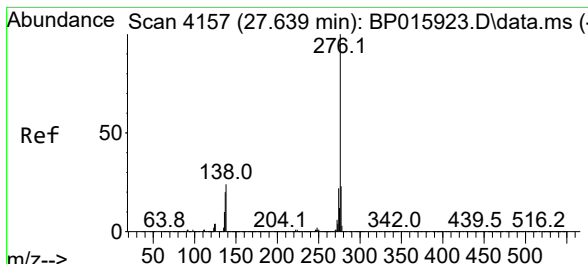
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

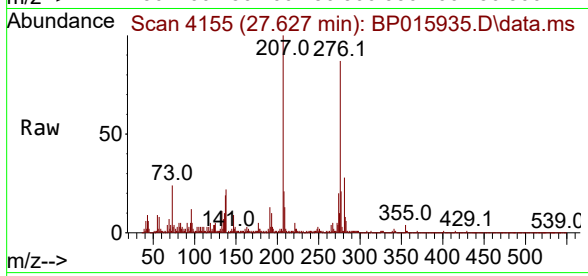
279 30.8 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 6.586 ng/ul
 RT: 27.627 min Scan# 4155
 Delta R.T. 0.000 min
 Lab File: BP015935.D
 Acq: 02 Jul 2023 21:25

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 276 Resp: 614387

Ion	Ratio	Lower	Upper
276	100		
138	25.5	15.1	22.7#
277	24.0	18.8	28.2

