

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015803.D
 Acq On : 29 Jun 2023 10:41
 Operator : MA/JU
 Sample : 03143-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:25:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

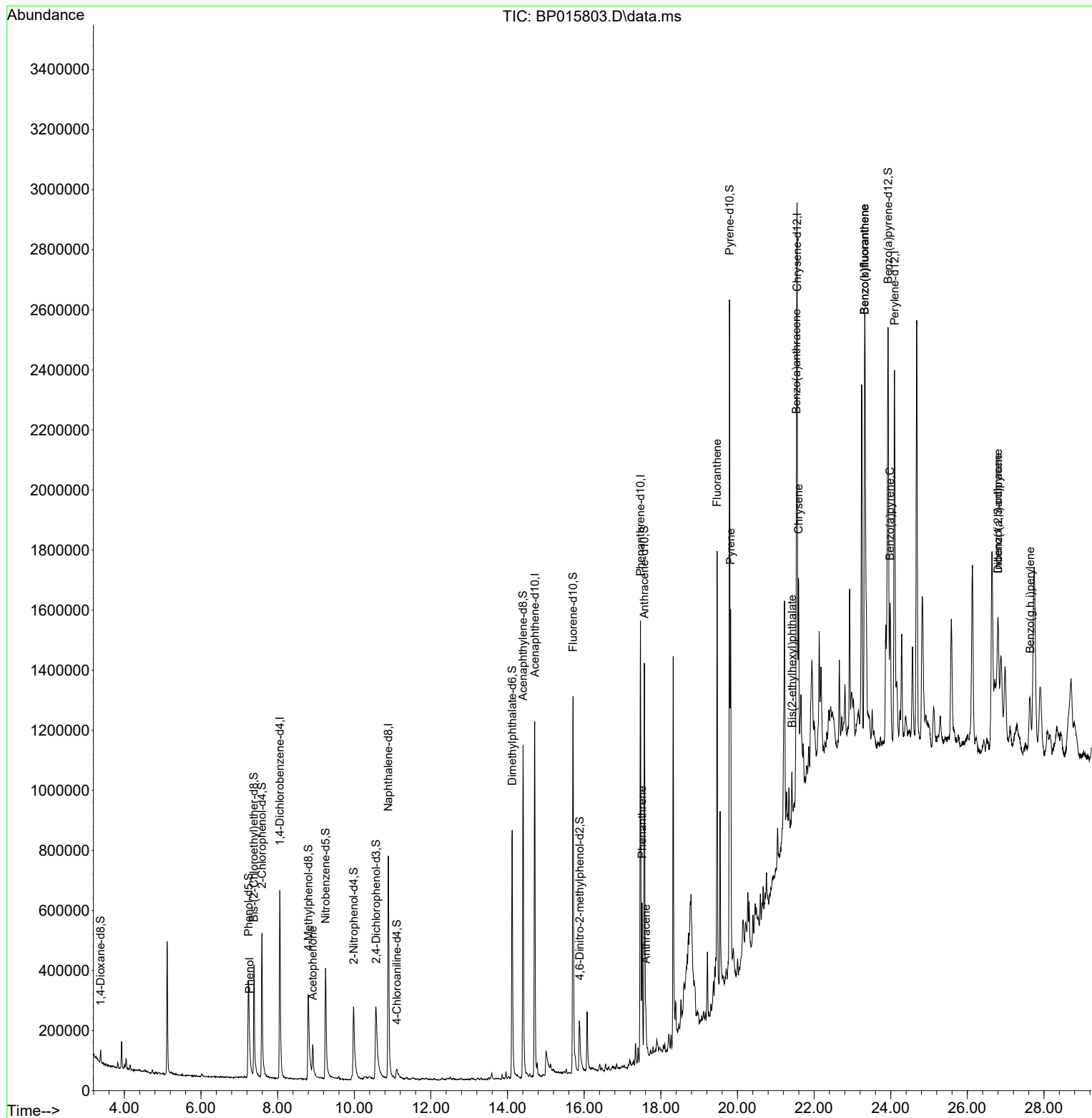
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	194610	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	766250	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	417662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	886763	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	831918	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	972462	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19187	3.547	ng/uL	0.00
4) Pyridine-d5	3.834	84	341	0.025	ng/ul	0.01
7) Phenol-d5	7.240	99	301412	18.102	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	209554	20.342	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	257226	20.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	196551	14.942	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	112441	19.201	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	122947	17.989	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.569	165	187549	15.399	ng/ul	0.05
31) 4-Chloroaniline-d4	11.110	131	25019	1.599	ng/ul	0.08
46) Dimethylphthalate-d6	14.122	166	676321	20.950	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	781872	21.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.946	143	93	0.022	ng/ul	0.00
60) Fluorene-d10	15.710	176	566154	21.299	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	49954	9.160	ng/ul	0.02
73) Anthracene-d10	17.569	188	861206	21.261	ng/ul	0.00
81) Pyrene-d10	19.792	212	1060123	19.515	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1048051	21.365	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.269	94	17513	1.014	ng/ul#	57
16) Acetophenone	8.916	105	74875	3.463	ng/ul	97
72) Phenanthrene	17.510	178	294783	6.119	ng/ul	99
74) Anthracene	17.610	178	62105	1.283	ng/ul	98
80) Fluoranthene	19.469	202	823719	12.201	ng/ul#	93
82) Pyrene	19.822	202	670501	9.736	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	397533	6.793	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.422	149	52605	1.362	ng/ul	100
87) Chrysene	21.592	228	400167	7.207	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	642895	10.289	ng/ul#	92
91) Benzo(k)fluoranthene	23.316	252	642895	10.183	ng/ul#	91
93) Benzo(a)pyrene	23.986	252	393007	7.198	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	326721	4.408	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.798	278	89670	1.473	ng/ul#	78
96) Benzo(g,h,i)perylene	27.639	276	274091	4.495	ng/ul#	93

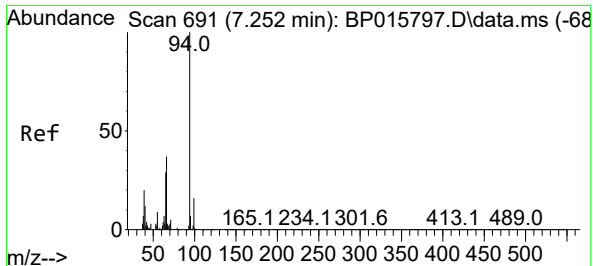
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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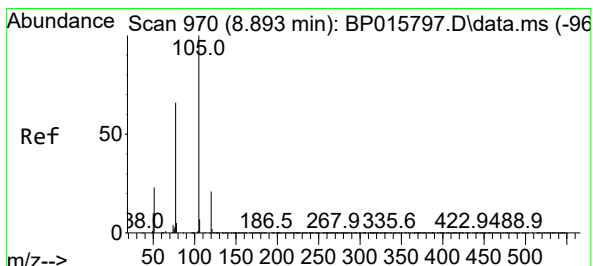
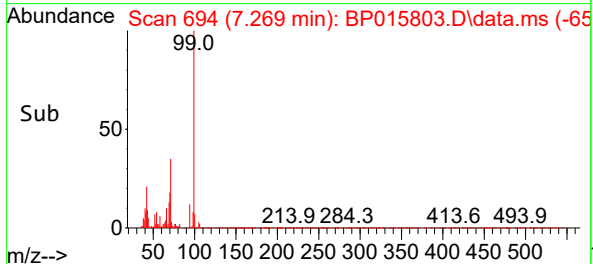
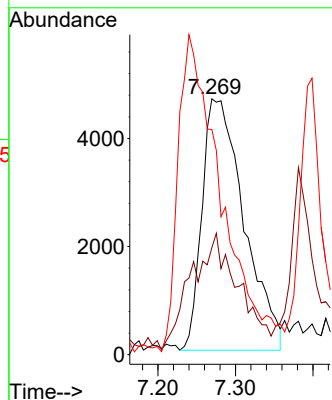
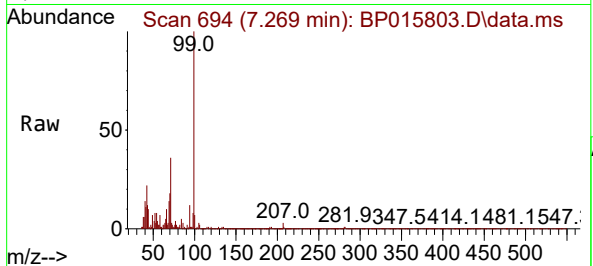




#8
Phenol
Concen: 1.014 ng/ul
RT: 7.269 min Scan# 691
Delta R.T. 0.018 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

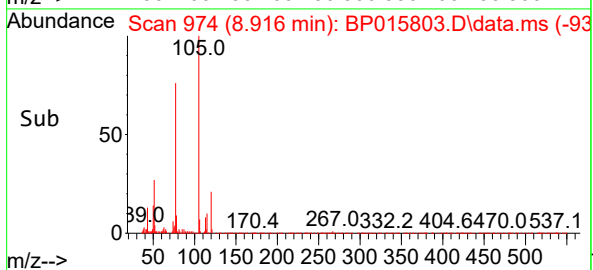
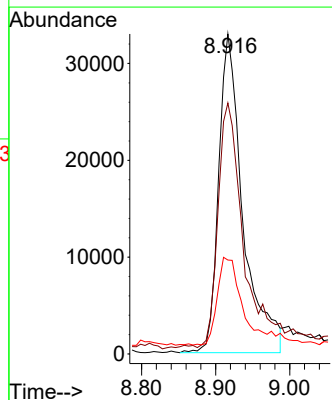
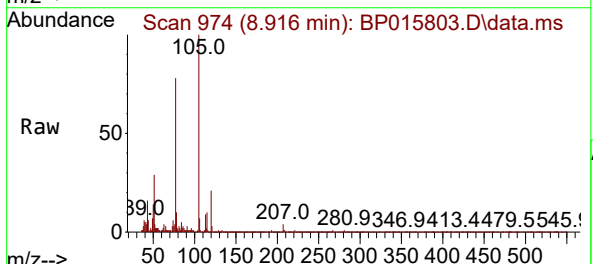
Instrument :
BNA_P
ClientSampleId :

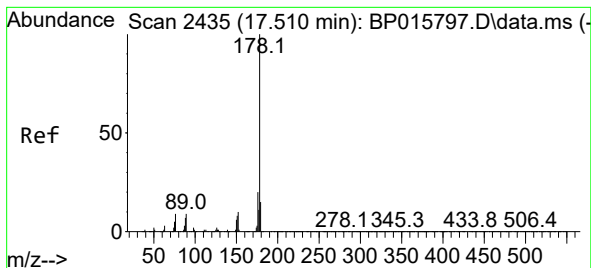
Tgt Ion: 94 Resp: 17513
Ion Ratio Lower Upper
94 100
65 41.8 26.4 39.6#
66 88.0 37.3 55.9#



#16
Acetophenone
Concen: 3.463 ng/ul
RT: 8.916 min Scan# 974
Delta R.T. 0.018 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

Tgt Ion: 105 Resp: 74875
Ion Ratio Lower Upper
105 100
77 78.5 65.0 97.4
51 29.3 25.1 37.7





#72

Phenanthrene

Concen: 6.119 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

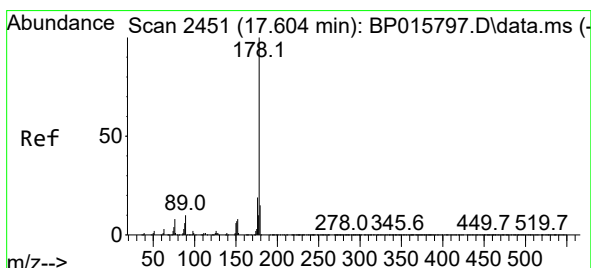
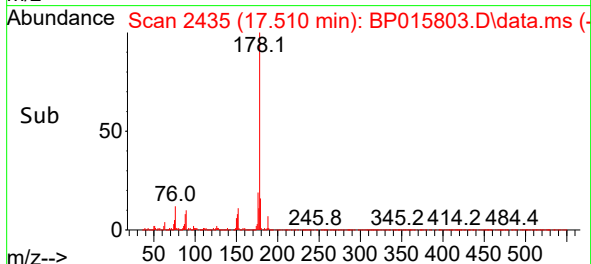
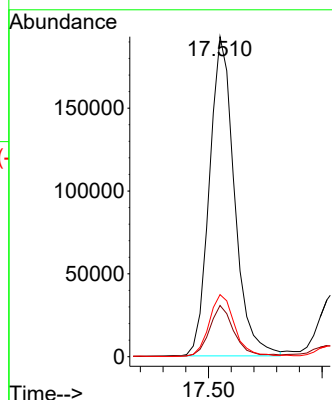
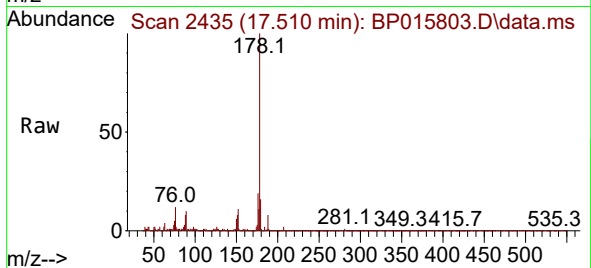
Tgt Ion:178 Resp: 294783

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 1.283 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

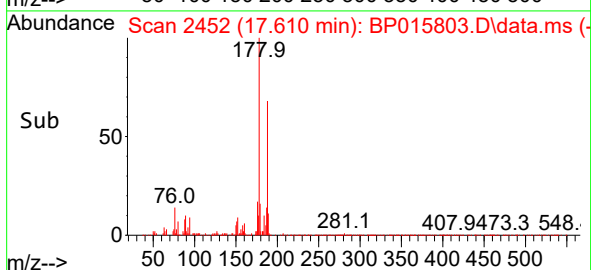
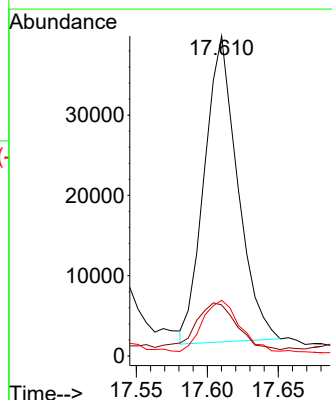
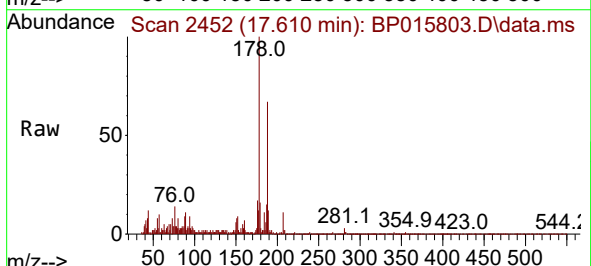
Tgt Ion:178 Resp: 62105

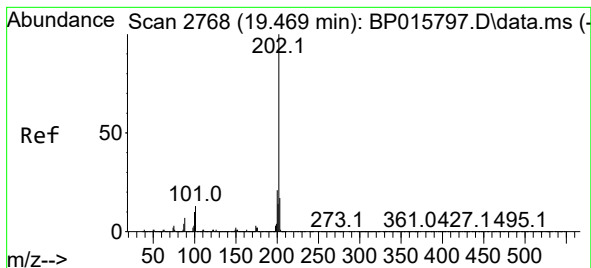
Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

176 17.4 14.6 22.0





#80

Fluoranthene

Concen: 12.201 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

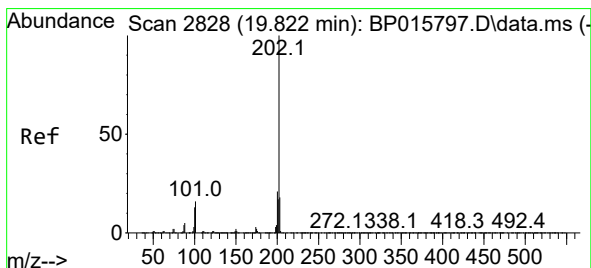
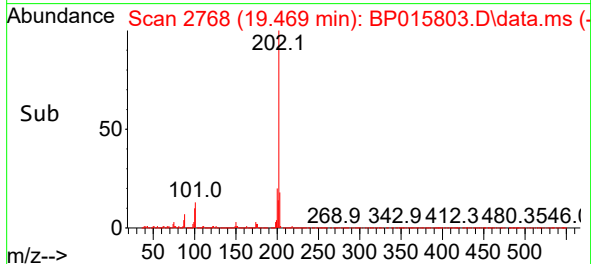
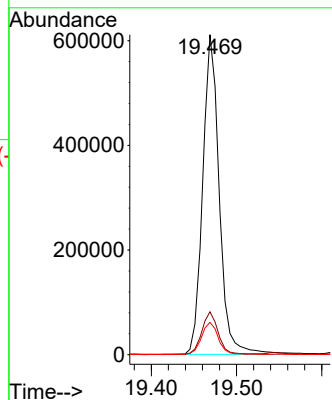
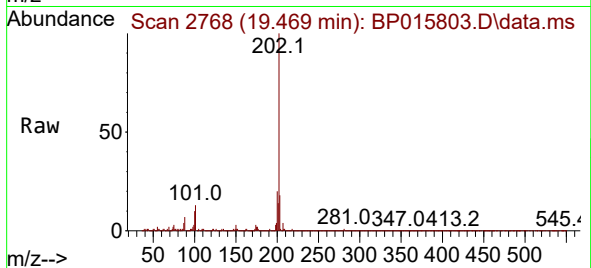
Tgt Ion:202 Resp: 823719

Ion Ratio Lower Upper

202 100

101 13.4 8.3 12.5#

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 9.736 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

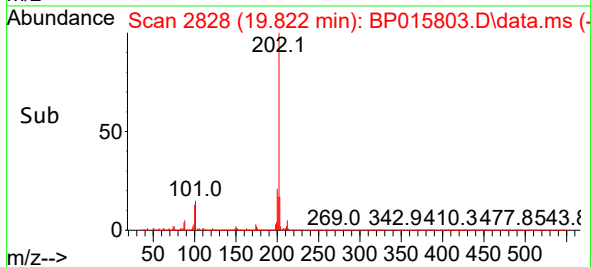
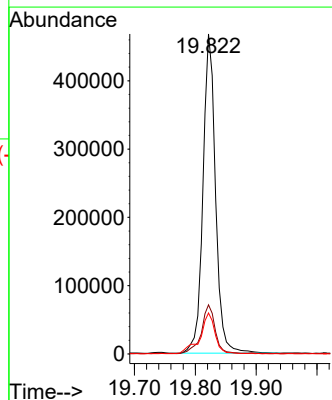
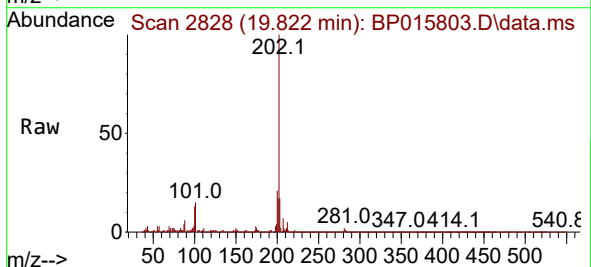
Tgt Ion:202 Resp: 670501

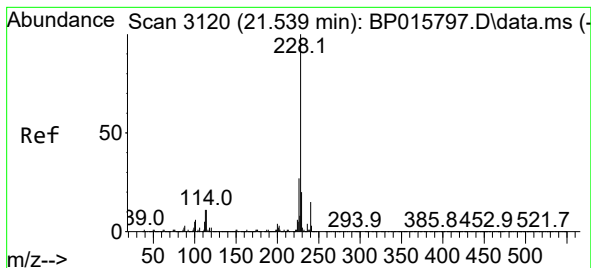
Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9#

100 12.8 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 6.793 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

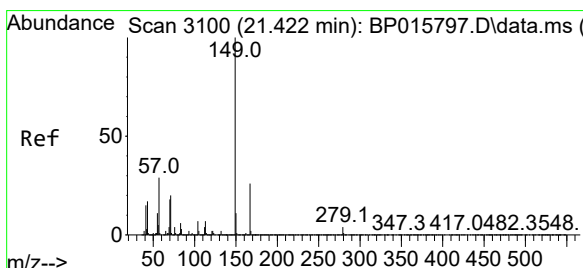
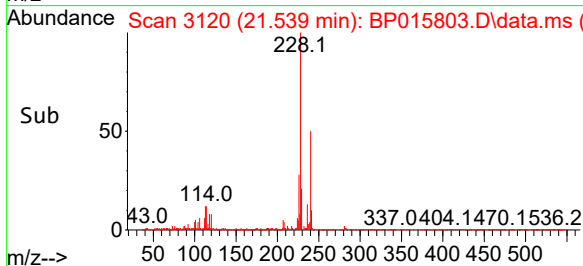
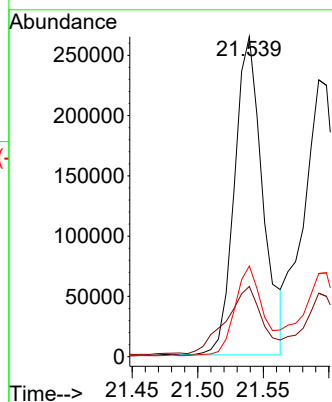
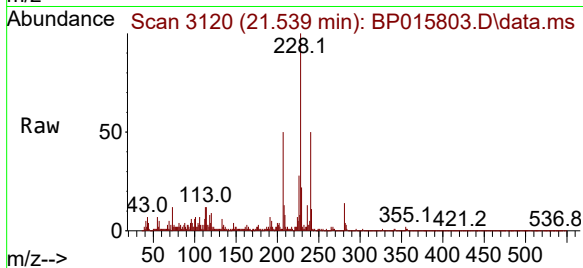
Tgt Ion:228 Resp: 397533

Ion Ratio Lower Upper

228 100

229 21.9 15.3 22.9

226 28.4 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.362 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

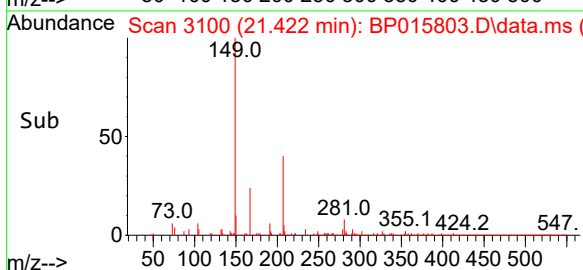
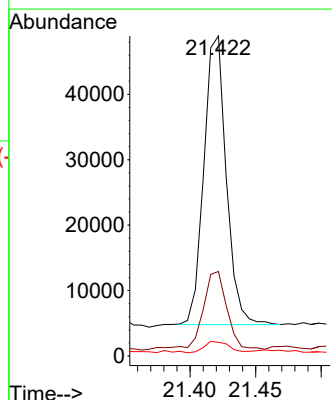
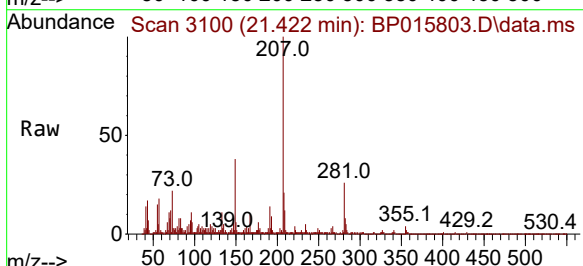
Tgt Ion:149 Resp: 52605

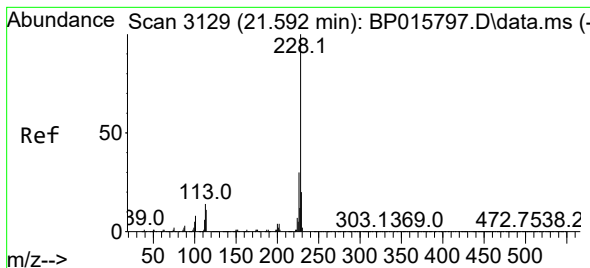
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.6

279 4.3 3.8 5.6





#87

Chrysene

Concen: 7.207 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

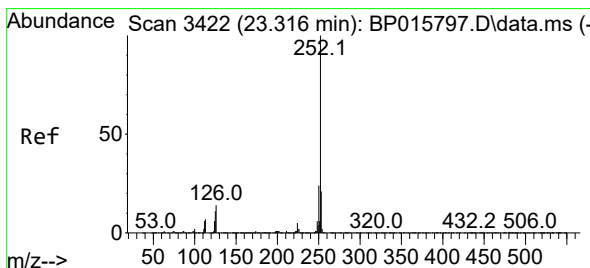
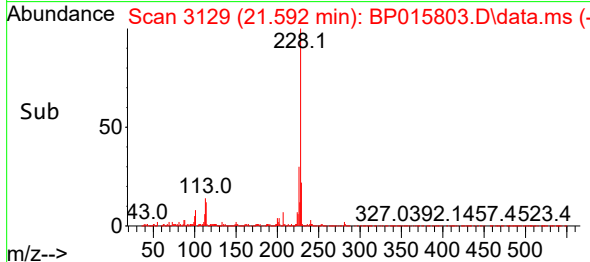
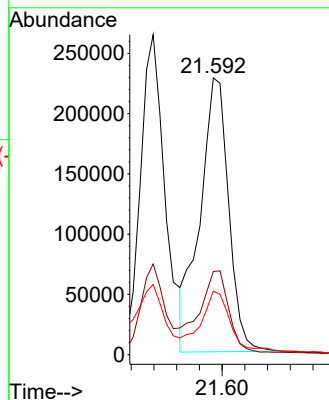
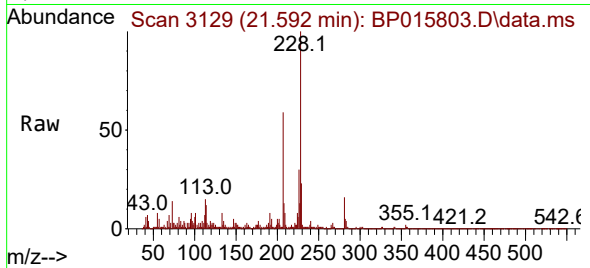
Tgt Ion:228 Resp: 400167

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 22.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 10.289 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

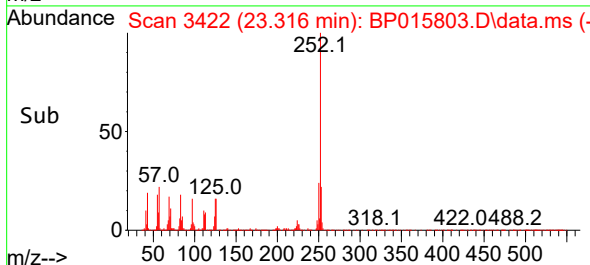
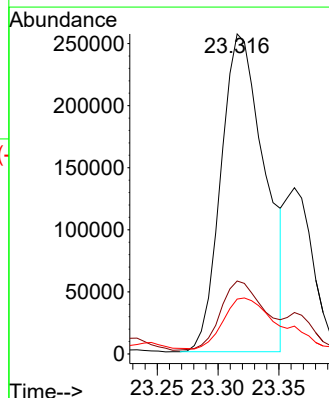
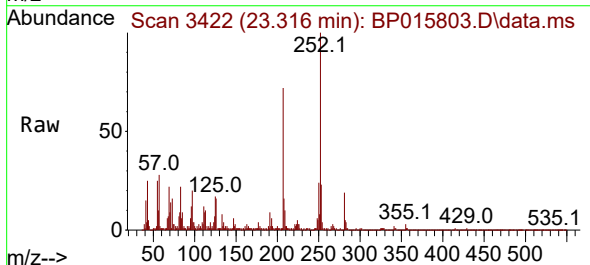
Tgt Ion:252 Resp: 642895

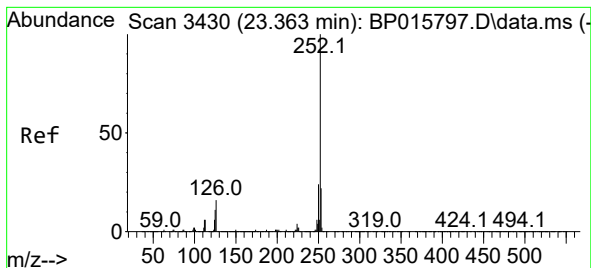
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 17.2 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 10.183 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

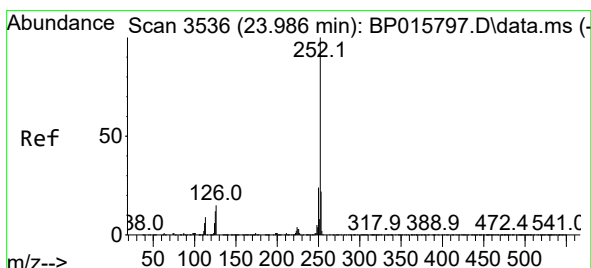
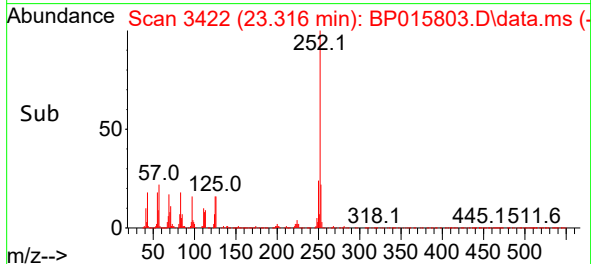
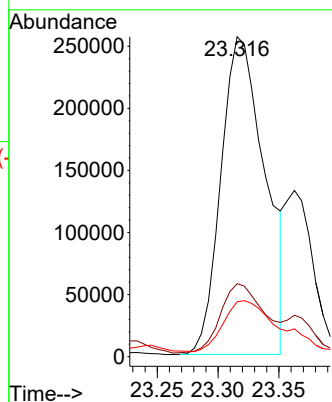
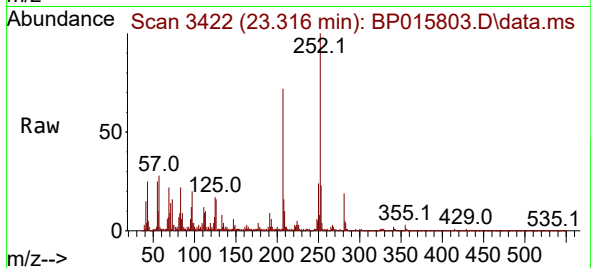
Tgt Ion:252 Resp: 642895

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 17.2 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 7.198 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

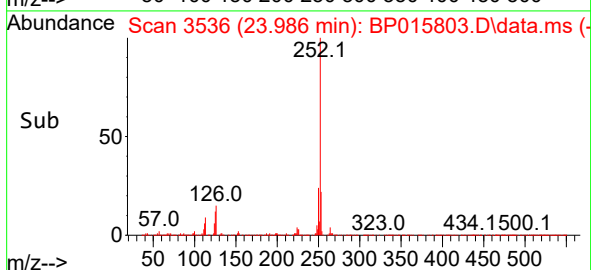
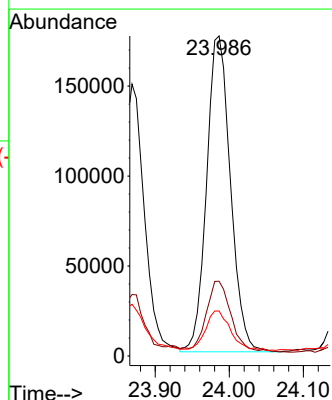
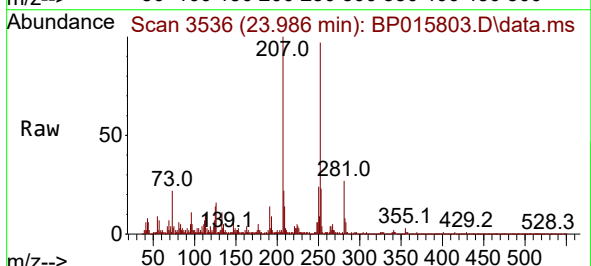
Tgt Ion:252 Resp: 393007

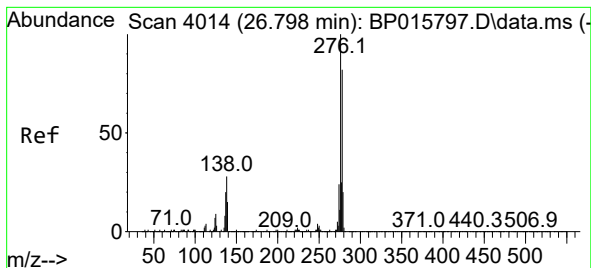
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 14.1 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.408 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

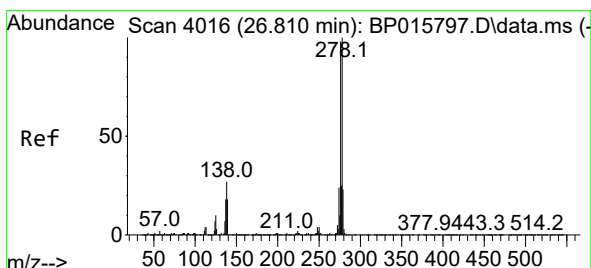
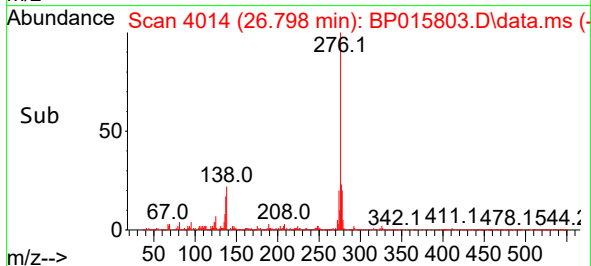
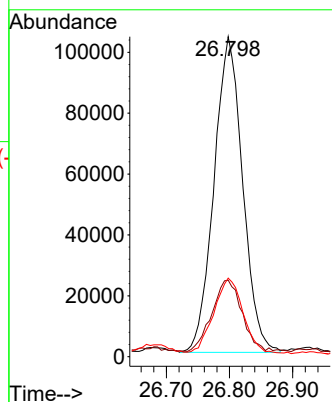
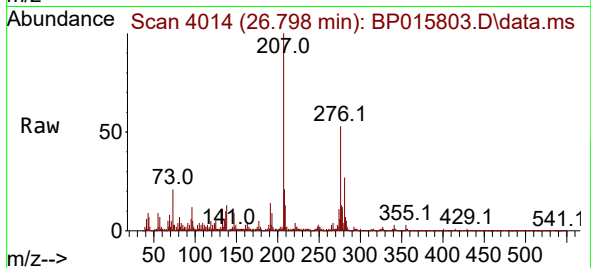
Tgt Ion:276 Resp: 326721

Ion Ratio Lower Upper

276 100

138 23.9 15.7 23.5#

277 24.5 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.473 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015803.D

Acq: 29 Jun 2023 10:41

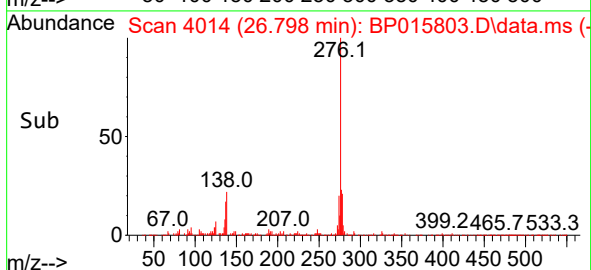
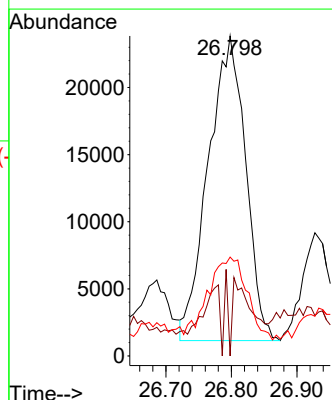
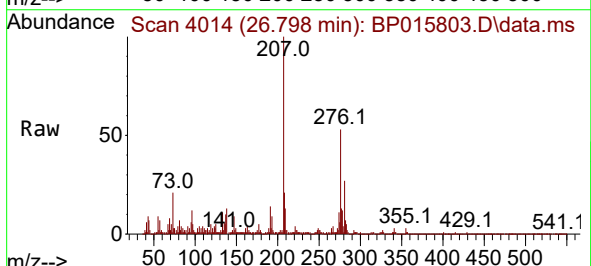
Tgt Ion:278 Resp: 89670

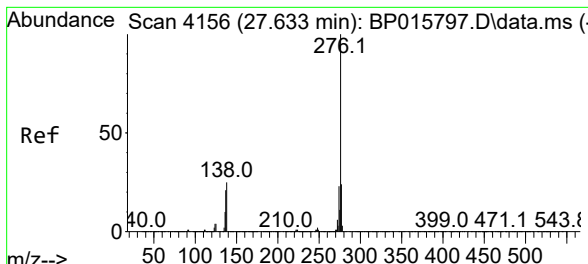
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 30.9 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 4.495 ng/ul
 RT: 27.639 min Scan# 4157
 Delta R.T. 0.006 min
 Lab File: BP015803.D
 Acq: 29 Jun 2023 10:41

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	276	Resp:	274091
Ion Ratio	Lower	Upper	
276	100		
138	24.5	15.1	22.7#
277	24.5	18.8	28.2

