

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015806.D
 Acq On : 29 Jun 2023 12:23
 Operator : MA/JU
 Sample : 03143-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV0

Quant Time: Jun 29 22:25:53 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

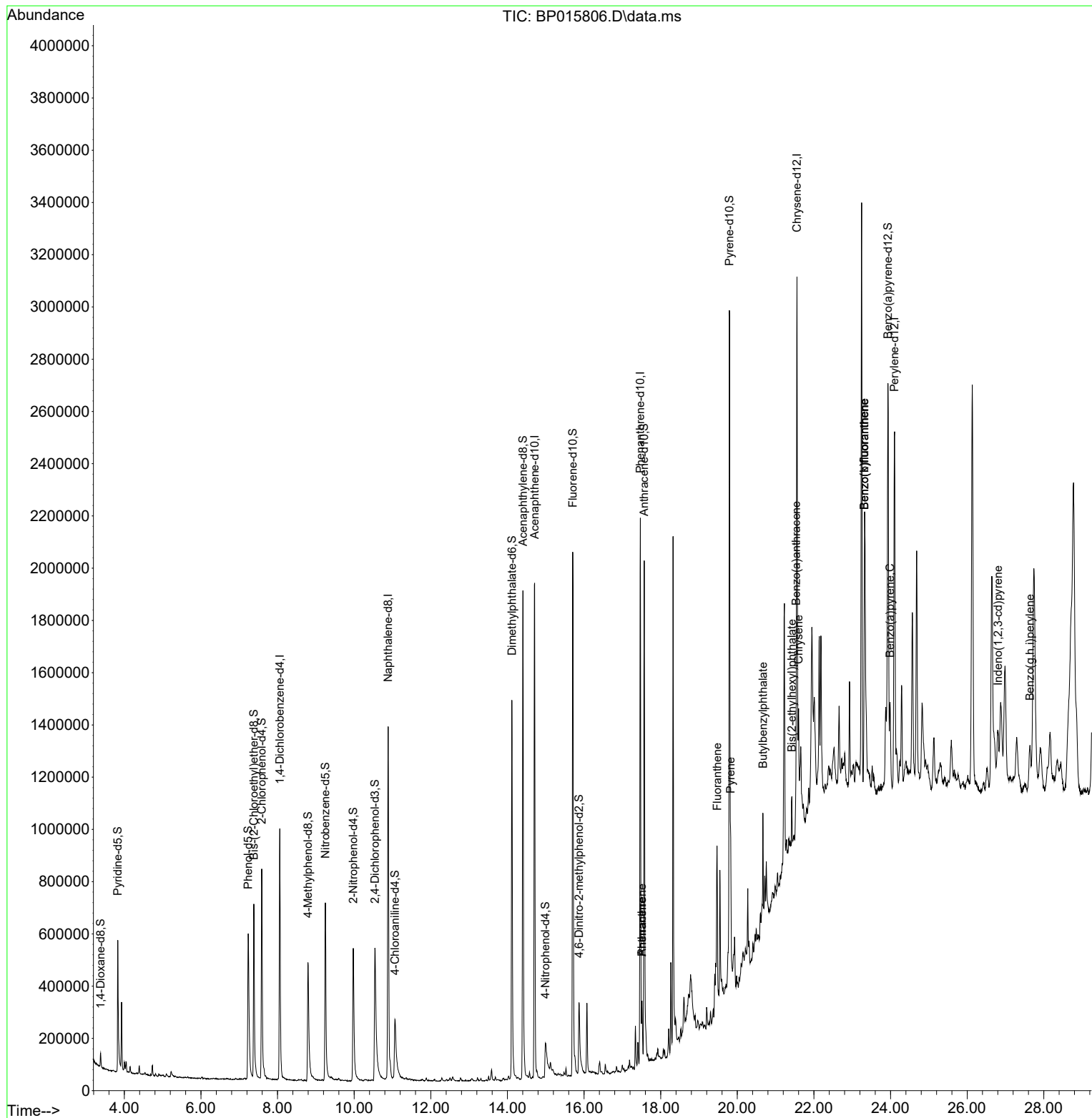
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	287755	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1186466	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	660691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1244022	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	953115	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1108607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25633	3.205	ng/uL	0.00
4) Pyridine-d5	3.828	84	266666	13.227	ng/ul	0.00
7) Phenol-d5	7.234	99	484135	19.664	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	347651	22.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	398819	21.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	260221	13.379	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	199187	21.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	210729	19.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	328382	17.413	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	228817	9.445	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1089925	21.343	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1251741	21.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	27442	4.072	ng/ul	0.04
60) Fluorene-d10	15.704	176	882759	20.994	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	88803	11.607	ng/ul	0.01
73) Anthracene-d10	17.569	188	1211566	21.321	ng/ul	0.00
81) Pyrene-d10	19.792	212	1331615	21.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1211043	21.655	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	120965	1.790	ng/ul	99
74) Anthracene	17.510	178	122185	1.799	ng/ul	97
80) Fluoranthene	19.474	202	313663	4.055	ng/ul#	94
82) Pyrene	19.827	202	270231	3.425	ng/ul#	91
83) Butylbenzylphthalate	20.669	149	110748	3.441	ng/ul	91
85) Benzo(a)anthracene	21.539	228	191591	2.858	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.421	149	67763	1.532	ng/ul	99
87) Chrysene	21.598	228	236279	3.714	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	443822	6.231	ng/ul#	93
91) Benzo(k)fluoranthene	23.315	252	443822	6.167	ng/ul#	93
93) Benzo(a)pyrene	23.986	252	276440	4.441	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.804	276	241421	2.857	ng/ul#	86
96) Benzo(g,h,i)perylene	27.639	276	225807	3.248	ng/ul#	91

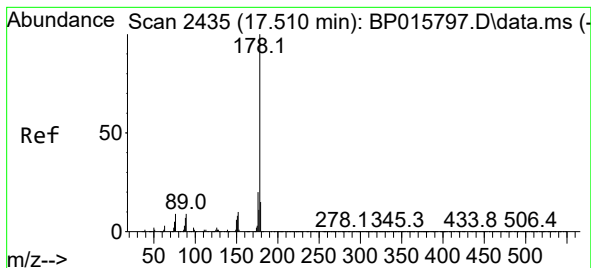
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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#72

Phenanthrene

Concen: 1.790 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

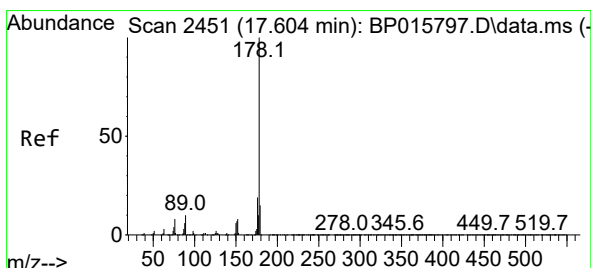
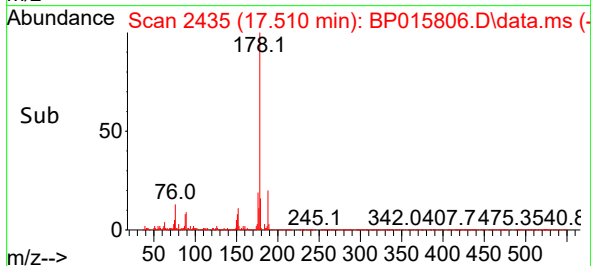
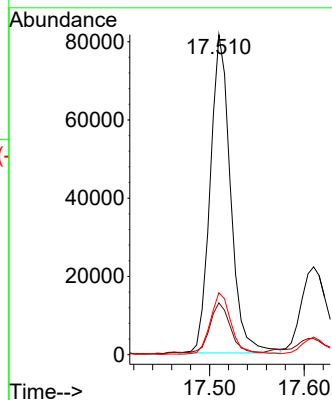
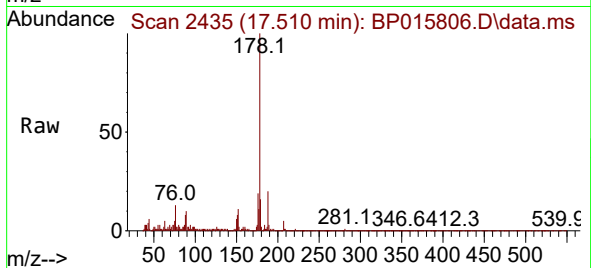
Tgt Ion:178 Resp: 120965

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 1.799 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

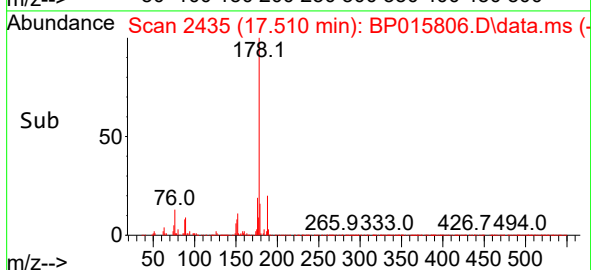
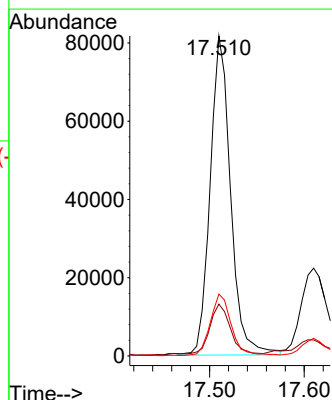
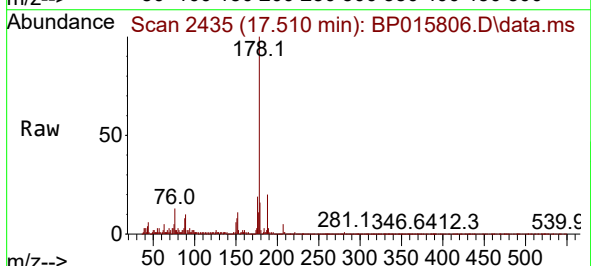
Tgt Ion:178 Resp: 122185

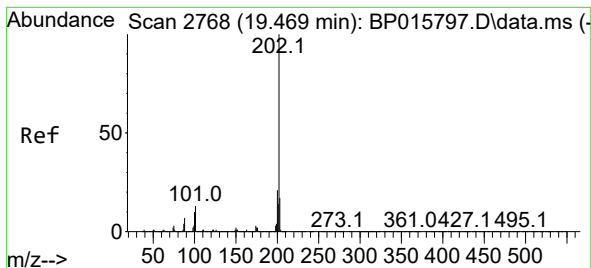
Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

176 19.4 14.6 22.0





#80

Fluoranthene

Concen: 4.055 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

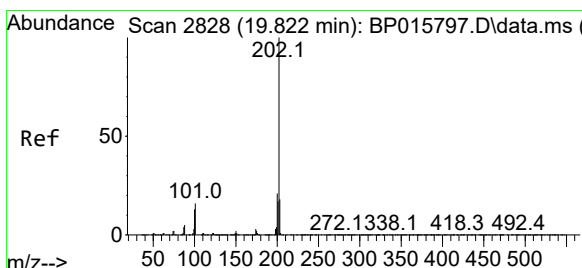
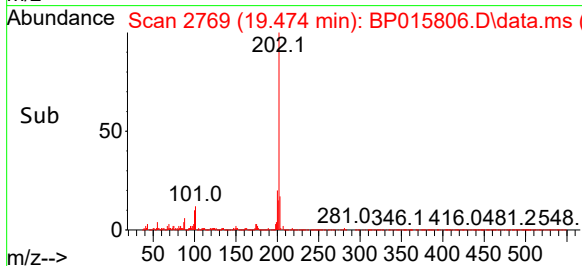
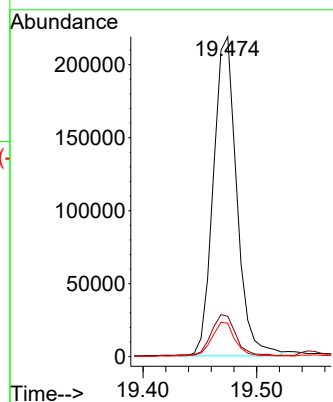
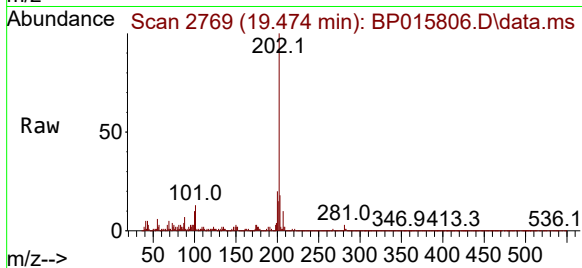
Tgt Ion:202 Resp: 313663

Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 10.4 6.6 9.8#



#82

Pyrene

Concen: 3.425 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

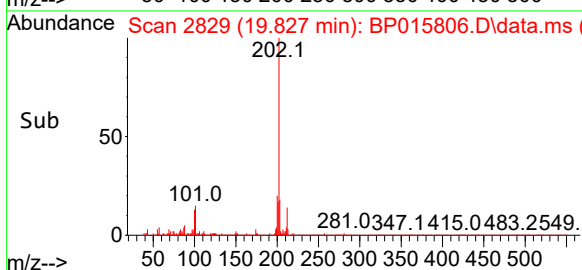
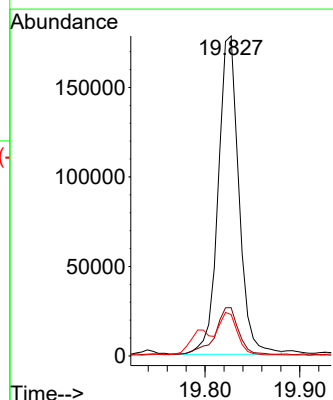
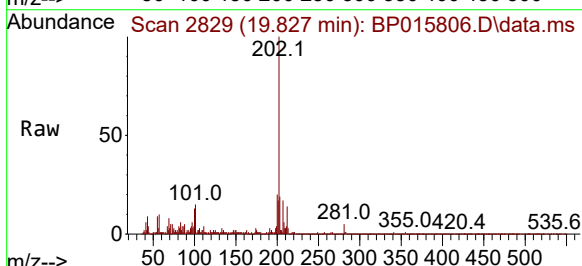
Tgt Ion:202 Resp: 270231

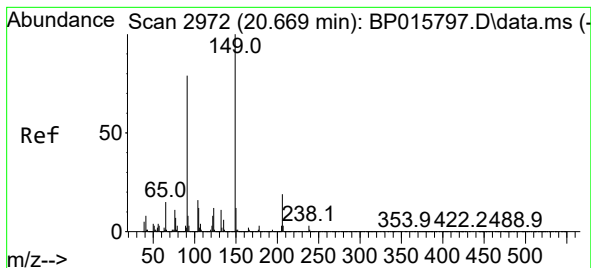
Ion Ratio Lower Upper

202 100

101 15.1 9.3 13.9#

100 12.9 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 3.441 ng/ul

RT: 20.669 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

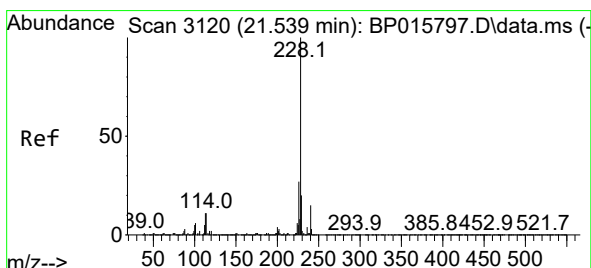
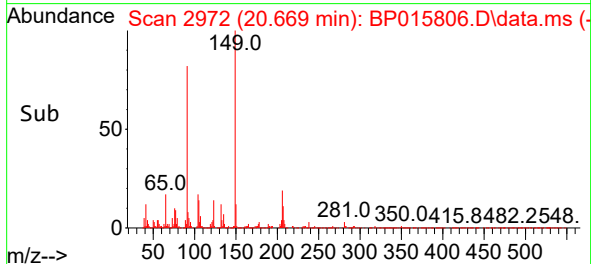
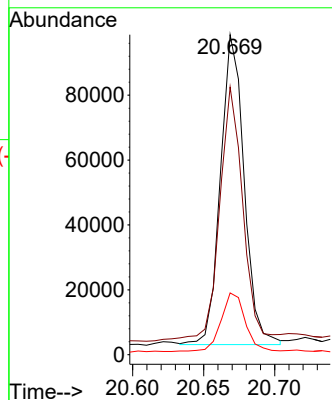
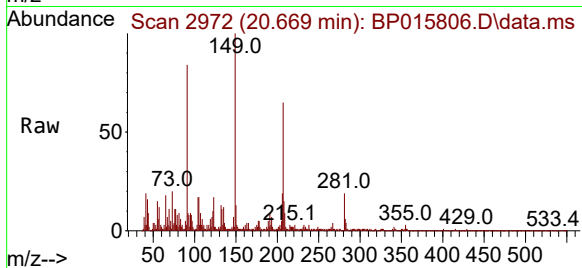
Tgt Ion:149 Resp: 110748

Ion Ratio Lower Upper

149 100

91 83.7 59.8 89.6

206 19.3 16.4 24.6



#85

Benzo(a)anthracene

Concen: 2.858 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

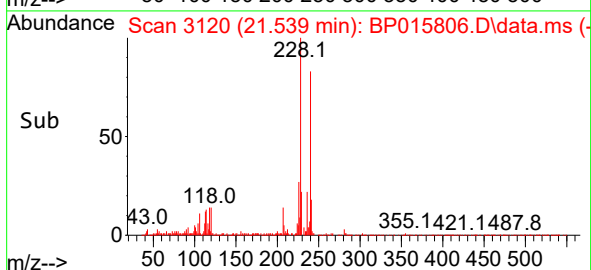
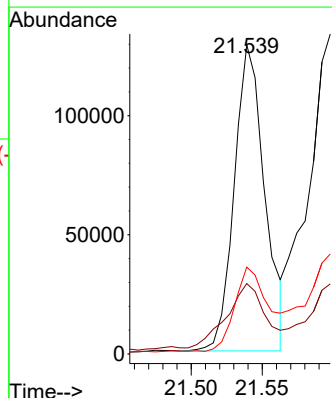
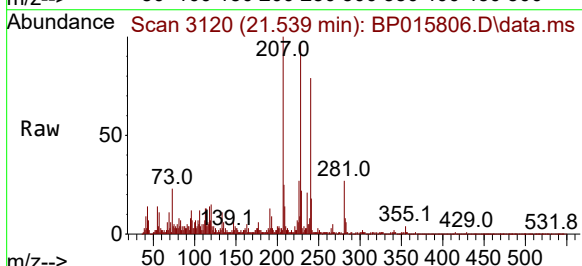
Tgt Ion:228 Resp: 191591

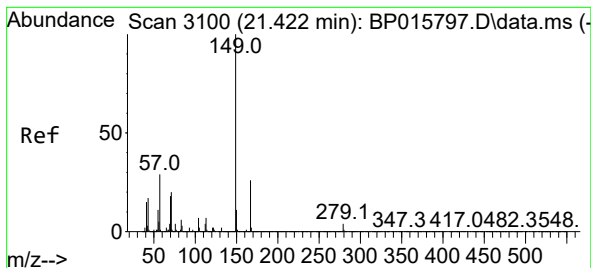
Ion Ratio Lower Upper

228 100

229 22.8 15.3 22.9

226 28.1 21.4 32.0

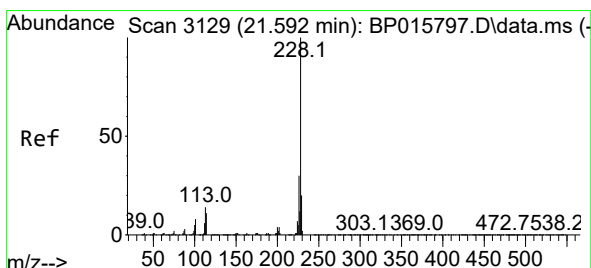
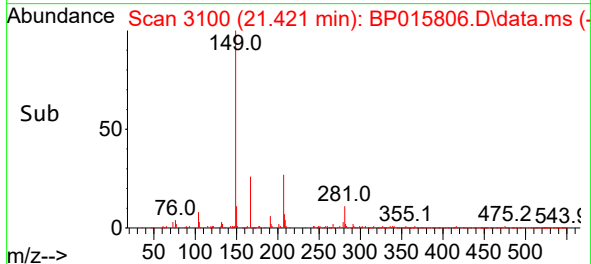
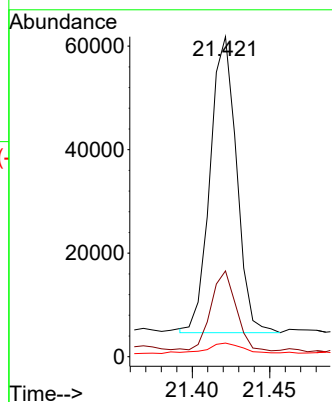
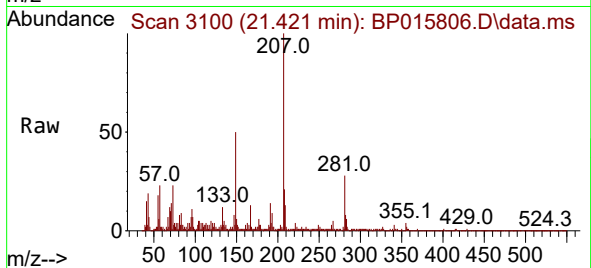




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.532 ng/ul
 RT: 21.421 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BP015806.D
 Acq: 29 Jun 2023 12:23

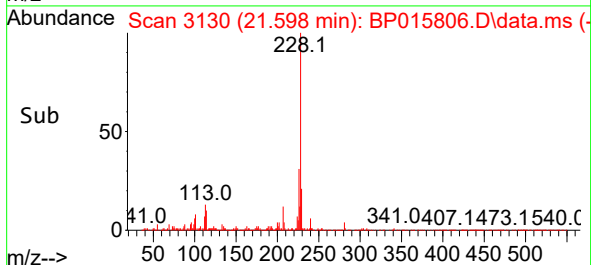
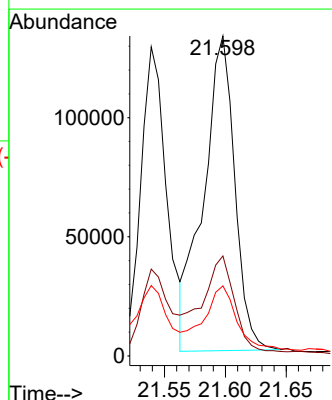
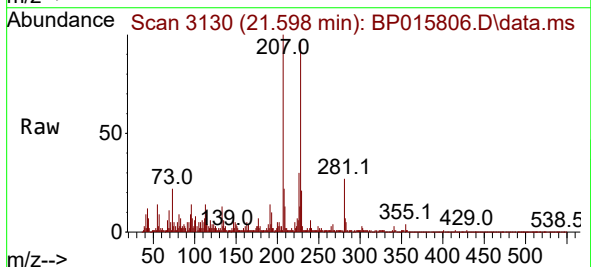
Instrument :
 BNA_P
 ClientSampleId :
 DCFV0

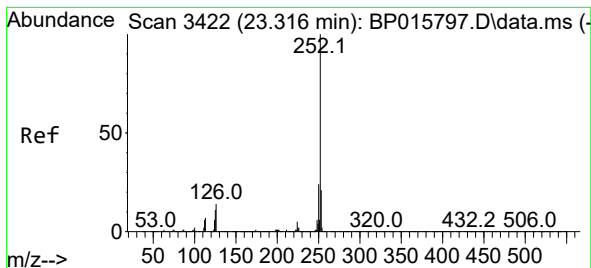
Tgt Ion:149 Resp: 67763
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.6
 279 4.3 3.8 5.6



#87
 Chrysene
 Concen: 3.714 ng/ul
 RT: 21.598 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BP015806.D
 Acq: 29 Jun 2023 12:23

Tgt Ion:228 Resp: 236279
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 21.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 6.231 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

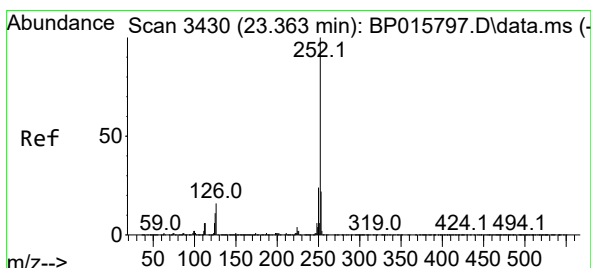
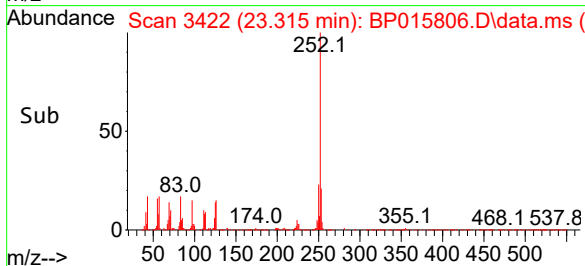
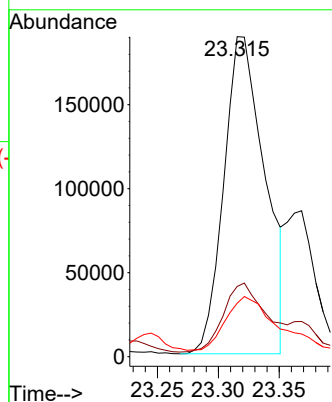
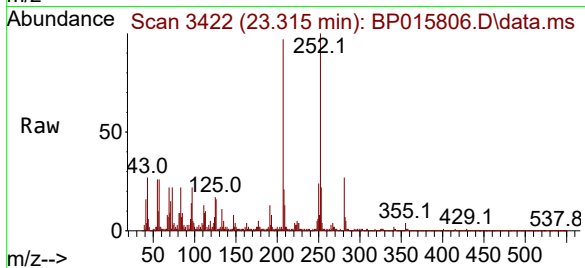
Tgt Ion:252 Resp: 443822

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 16.7 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 6.167 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.053 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

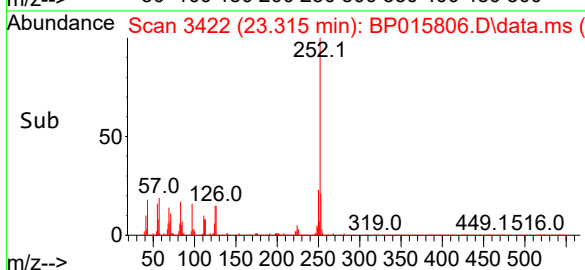
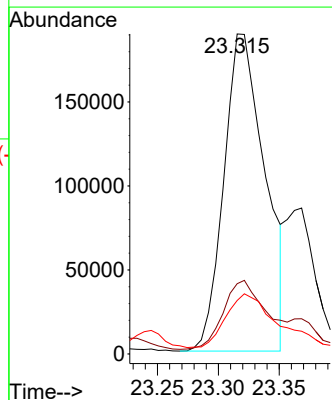
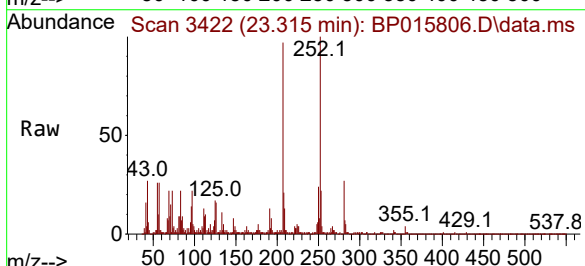
Tgt Ion:252 Resp: 443822

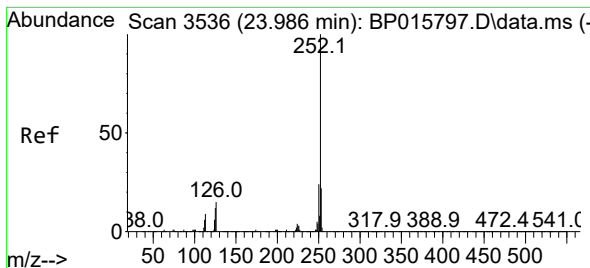
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 16.7 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 4.441 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

DCFV0

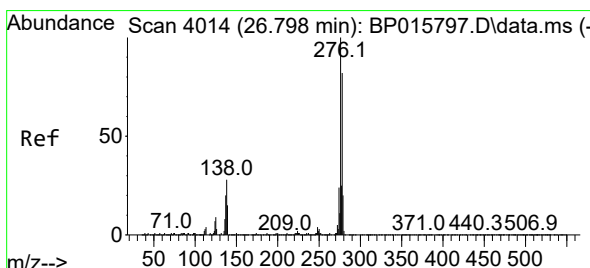
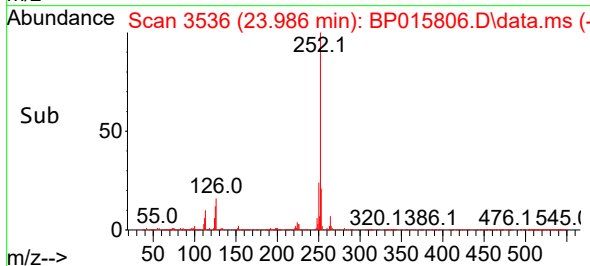
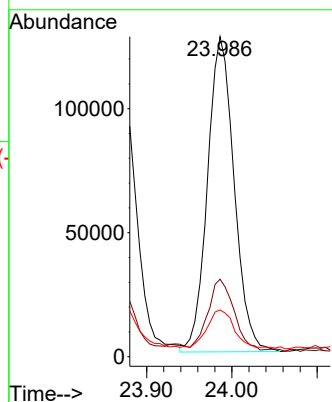
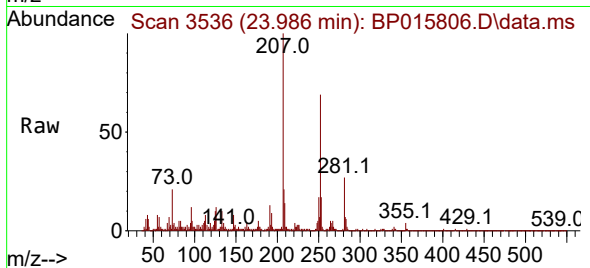
Tgt Ion:252 Resp: 276440

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 14.6 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.857 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP015806.D

Acq: 29 Jun 2023 12:23

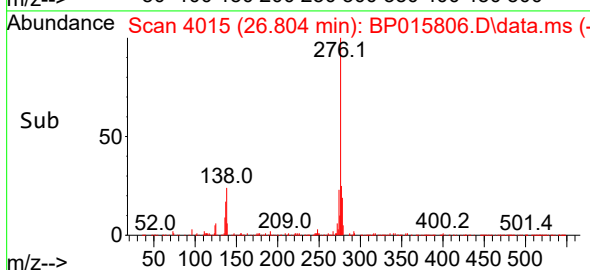
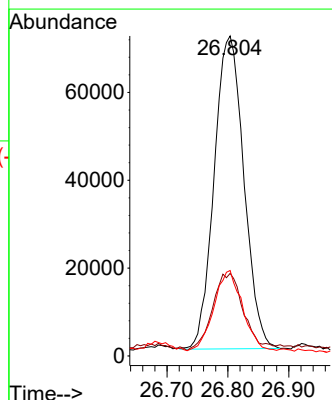
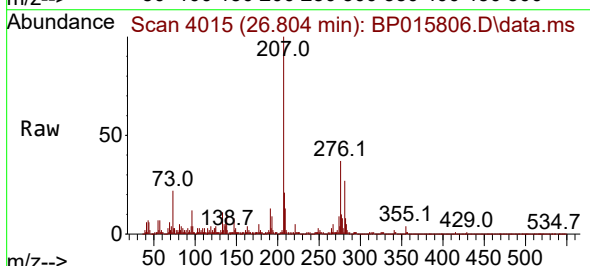
Tgt Ion:276 Resp: 241421

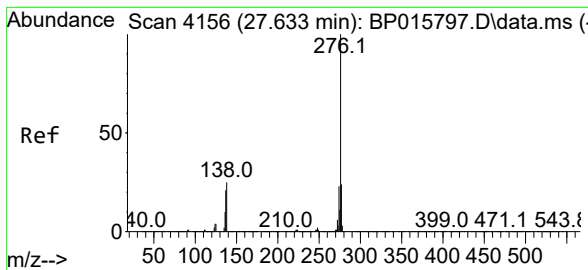
Ion Ratio Lower Upper

276 100

138 31.9 15.7 23.5#

277 26.7 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 3.248 ng/ul
 RT: 27.639 min Scan# 4157
 Delta R.T. 0.006 min
 Lab File: BP015806.D
 Acq: 29 Jun 2023 12:23

Instrument :
 BNA_P
 ClientSampleId :
 DCFV0

Tgt Ion:	276	Resp:	225807
Ion Ratio	Lower	Upper	
276	100		
138	25.2	15.1	22.7#
277	25.9	18.8	28.2

