

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015810.D
 Acq On : 29 Jun 2023 14:39
 Operator : MA/JU
 Sample : 03143-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:26:52 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)

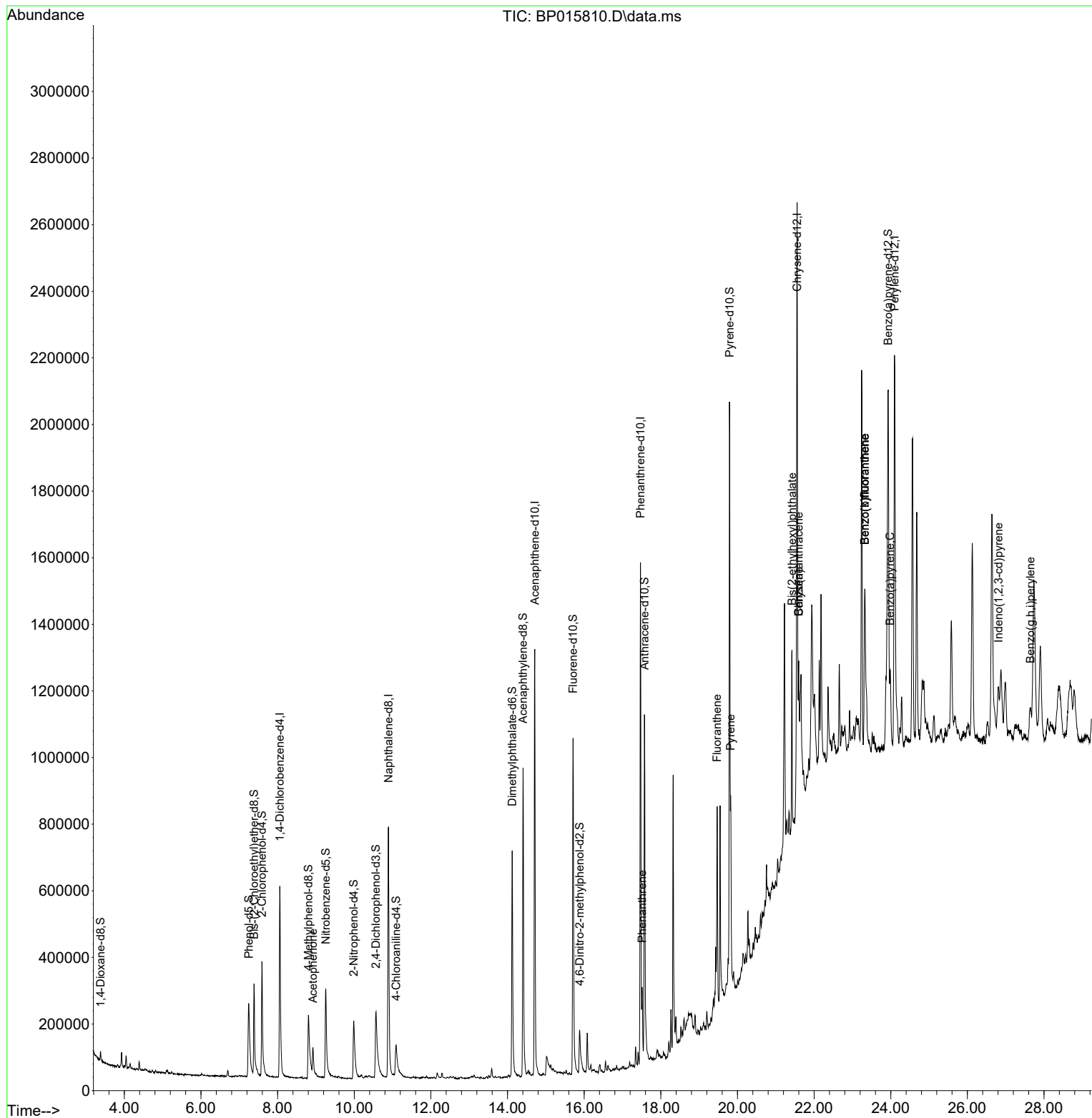
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	187437	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	779250	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.710	164	452092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	943466	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	841953	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	960368	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	13523	2.596	ng/uL	0.00
4) Pyridine-d5	3.811	84	1296	0.099	ng/ul	-0.01
7) Phenol-d5	7.246	99	225612	14.068	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	162395	16.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	190853	15.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	134926	10.650	ng/ul	0.02
21) Nitrobenzene-d5	9.258	128	85231	14.312	ng/ul	0.02
24) 2-Nitrophenol-d4	9.987	143	95024	13.671	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	154809	12.499	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	114688	7.208	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	568808	16.278	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	656325	16.708	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	148	0.032	ng/ul	0.00
60) Fluorene-d10	15.710	176	487300	16.936	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	43478	7.493	ng/ul	0.02
73) Anthracene-d10	17.575	188	714751	16.585	ng/ul	0.00
81) Pyrene-d10	19.792	212	884372	16.086	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	822983	16.988	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.922	105	60907	2.925	ng/ul	99
72) Phenanthrene	17.510	178	115549	2.254	ng/ul	100
80) Fluoranthene	19.469	202	351976	5.151	ng/ul#	91
82) Pyrene	19.822	202	295058	4.233	ng/ul#	88
85) Benzo(a)anthracene	21.598	228	196550	3.319	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.422	149	182506	4.670	ng/ul	98
87) Chrysene	21.598	228	196053	3.489	ng/ul	99
90) Benzo(b)fluoranthene	23.322	252	312925	5.071	ng/ul#	94
91) Benzo(k)fluoranthene	23.322	252	312925	5.019	ng/ul#	93
93) Benzo(a)pyrene	23.986	252	191725	3.556	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.810	276	162175	2.216	ng/ul#	95
96) Benzo(g,h,i)perylene	27.645	276	145419	2.415	ng/ul#	94

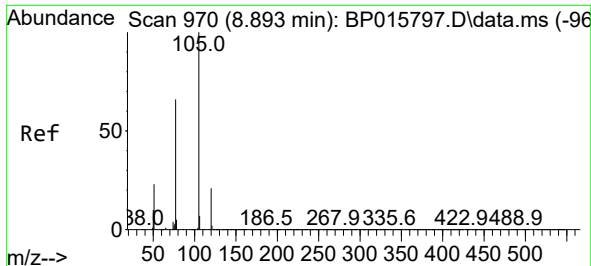
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 22:26:52 2023
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

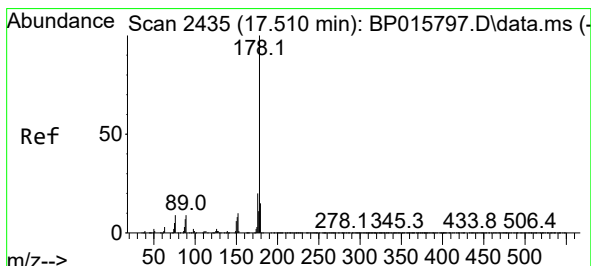
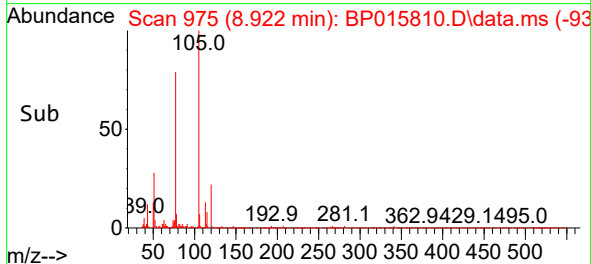
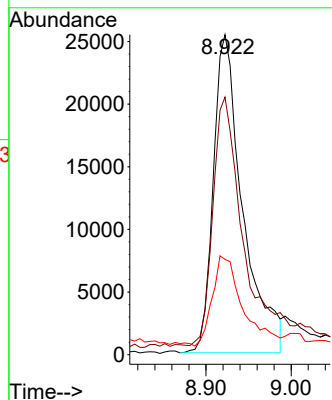
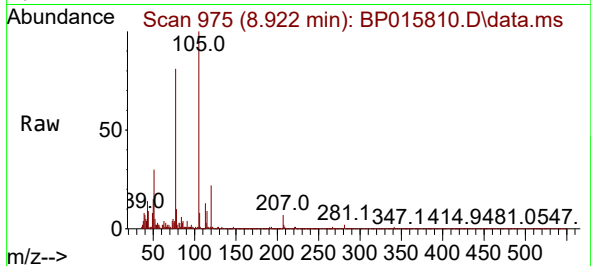




#16
Acetophenone
Concen: 2.925 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP015810.D
Acq: 29 Jun 2023 14:39

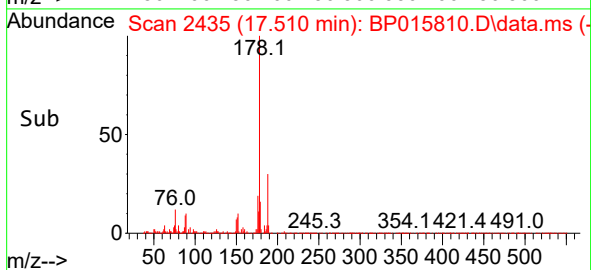
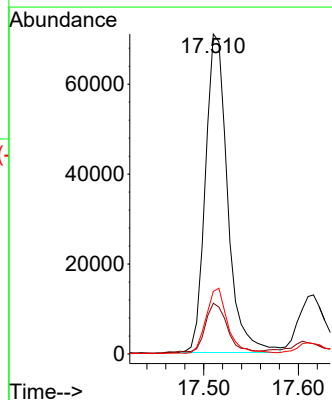
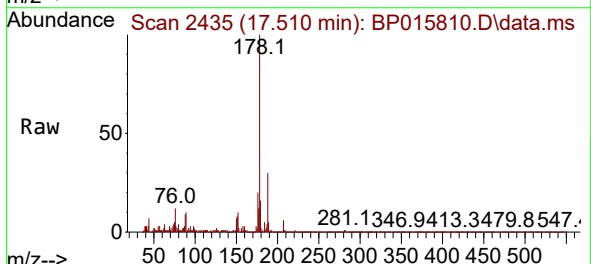
Instrument :
BNA_P
ClientSampleId :

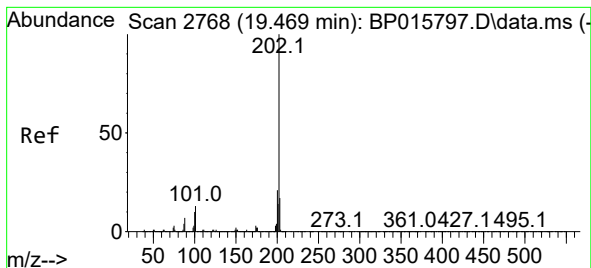
Tgt Ion:105 Resp: 60907
Ion Ratio Lower Upper
105 100
77 80.5 65.0 97.4
51 29.8 25.1 37.7



#72
Phenanthrene
Concen: 2.254 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP015810.D
Acq: 29 Jun 2023 14:39

Tgt Ion:178 Resp: 115549
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.5 15.6 23.4





#80

Fluoranthene

Concen: 5.151 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

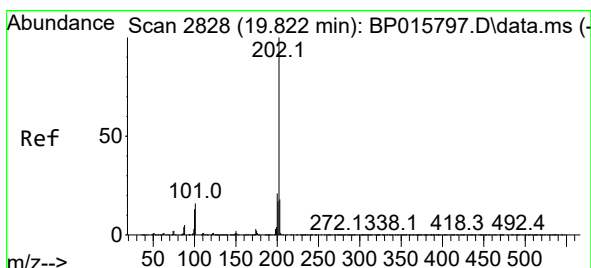
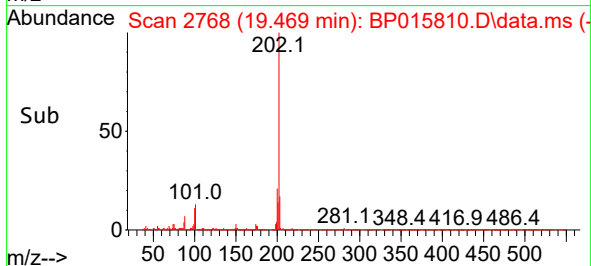
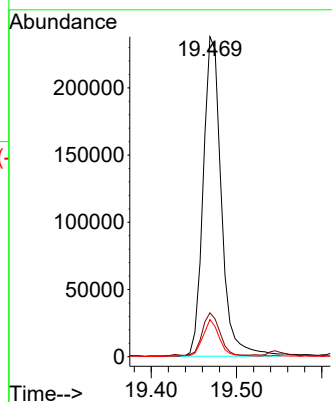
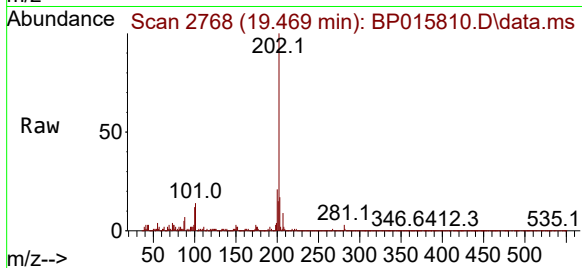
Tgt Ion:202 Resp: 351976

Ion Ratio Lower Upper

202 100

101 13.7 8.3 12.5#

100 11.6 6.6 9.8#



#82

Pyrene

Concen: 4.233 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

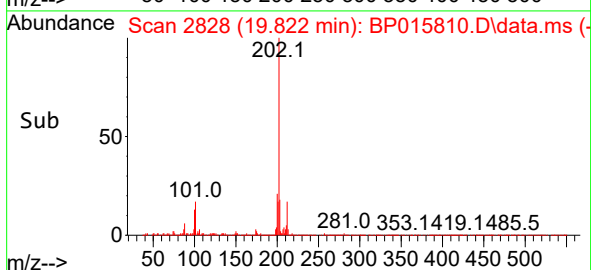
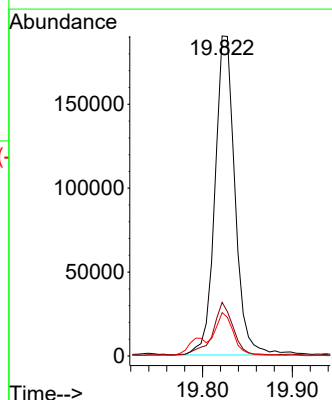
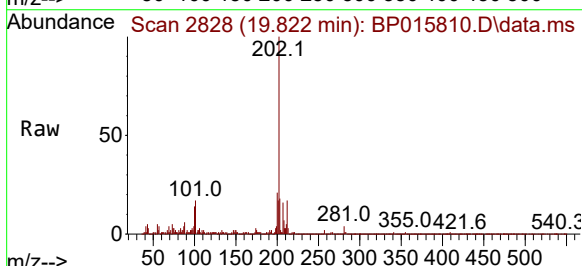
Tgt Ion:202 Resp: 295058

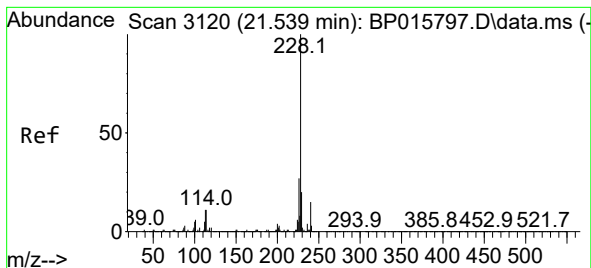
Ion Ratio Lower Upper

202 100

101 16.8 9.3 13.9#

100 13.6 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 3.319 ng/ul

RT: 21.598 min Scan# 31

Delta R.T. 0.059 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

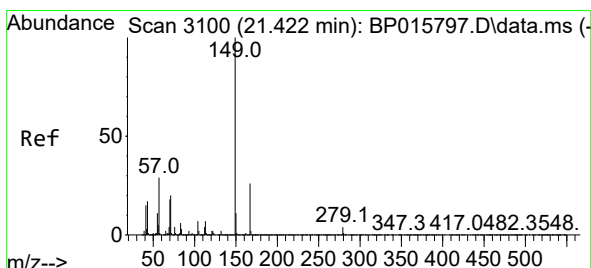
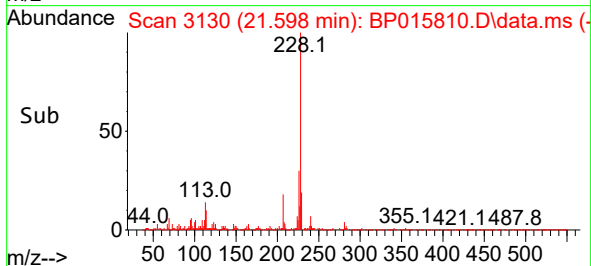
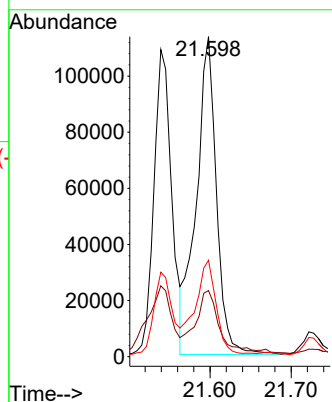
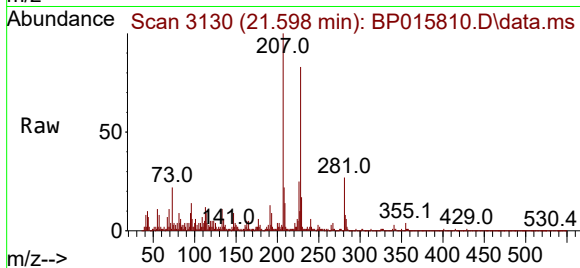
Tgt Ion:228 Resp: 196550

Ion Ratio Lower Upper

228 100

229 20.6 15.3 22.9

226 30.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.670 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

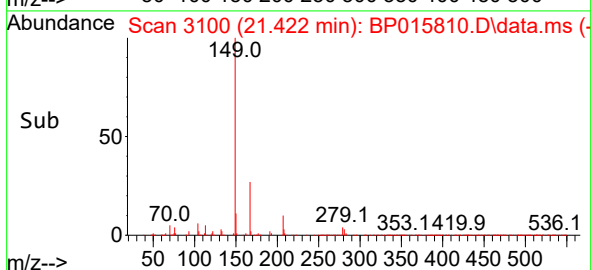
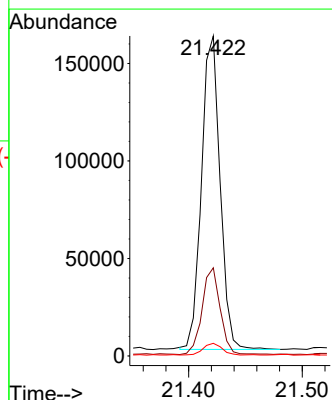
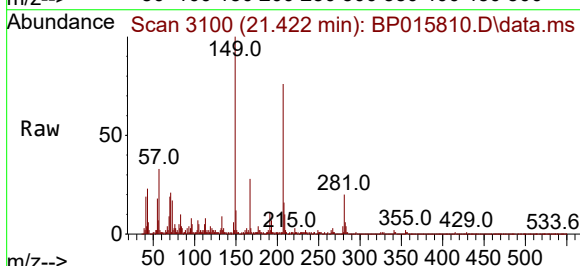
Tgt Ion:149 Resp: 182506

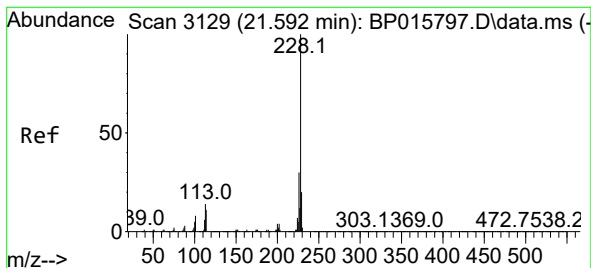
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.6

279 4.0 3.8 5.6





#87

Chrysene

Concen: 3.489 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

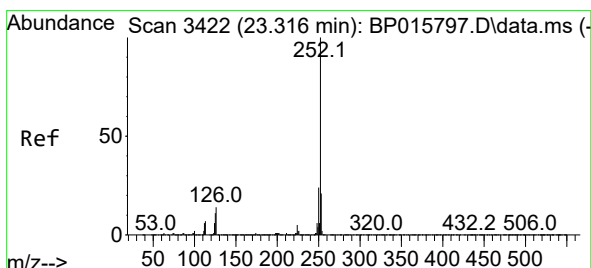
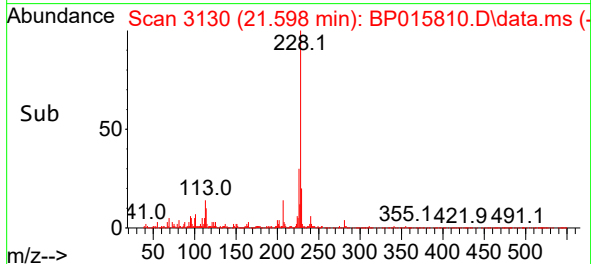
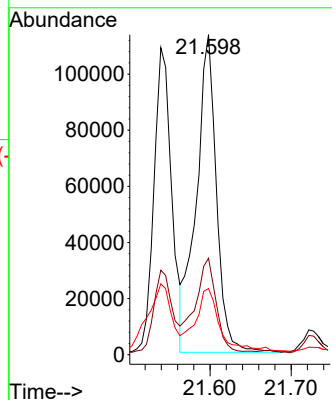
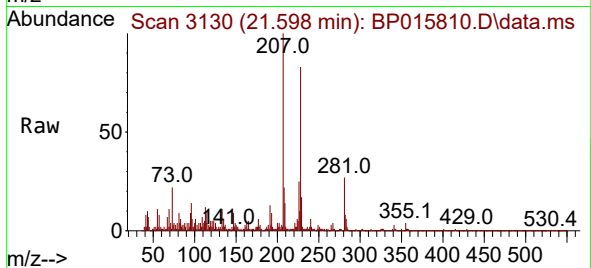
Tgt Ion:228 Resp: 196053

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 20.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 5.071 ng/ul

RT: 23.322 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

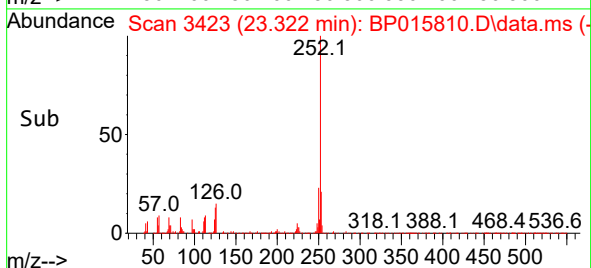
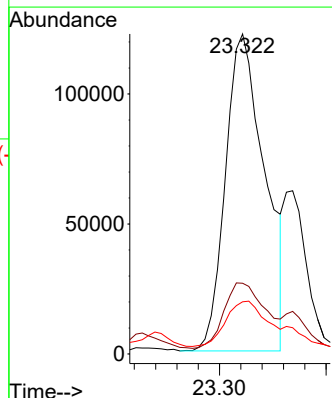
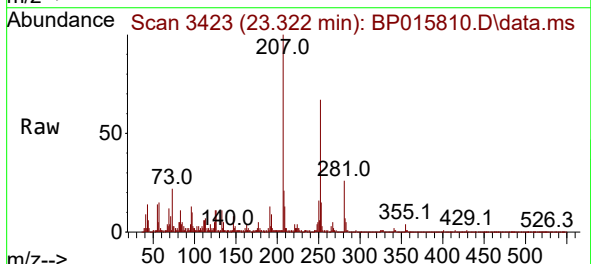
Tgt Ion:252 Resp: 312925

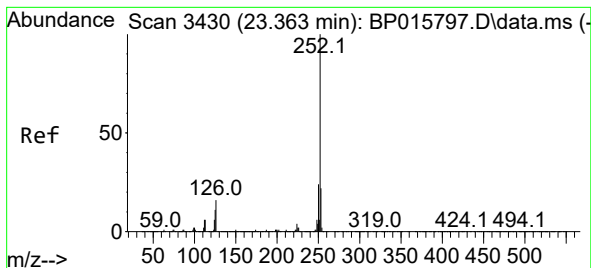
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 16.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 5.019 ng/ul

RT: 23.322 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

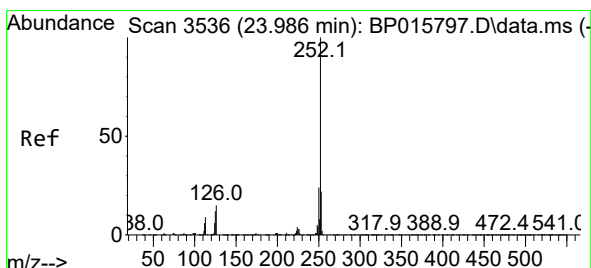
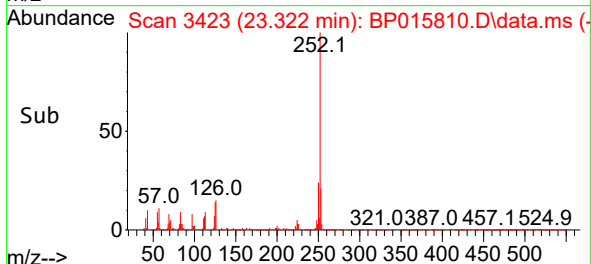
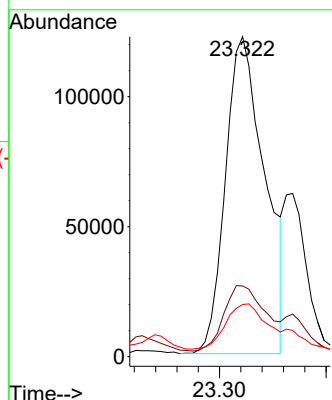
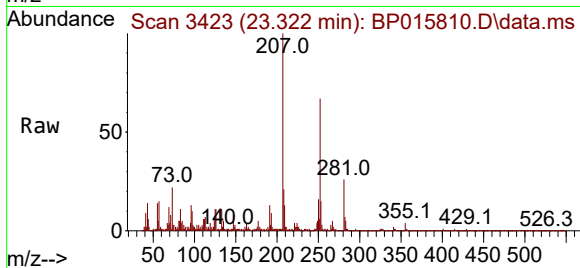
Tgt Ion:252 Resp: 312925

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 16.3 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 3.556 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

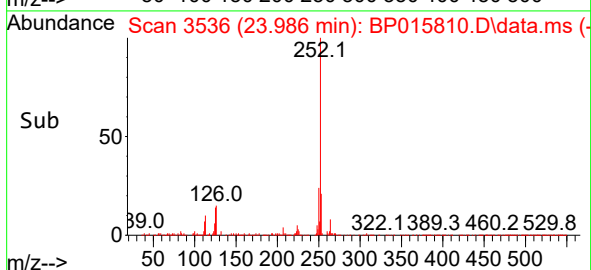
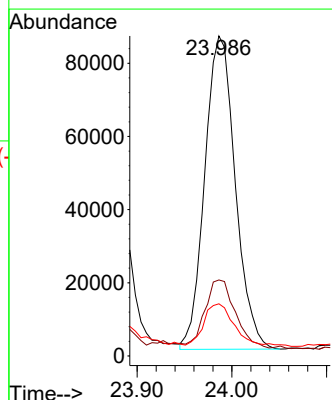
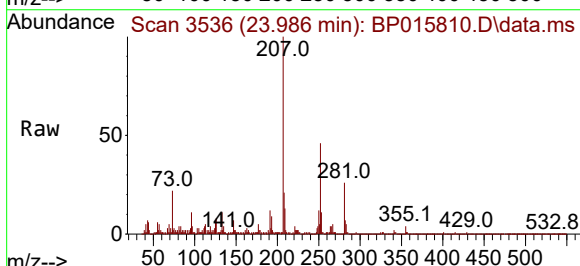
Tgt Ion:252 Resp: 191725

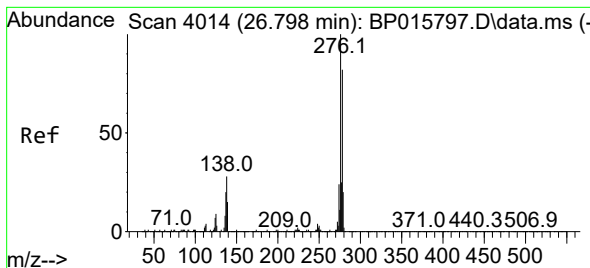
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 16.3 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.216 ng/ul

RT: 26.810 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

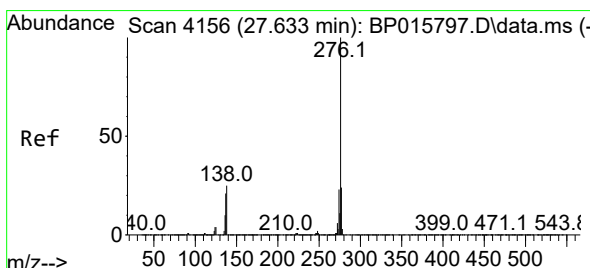
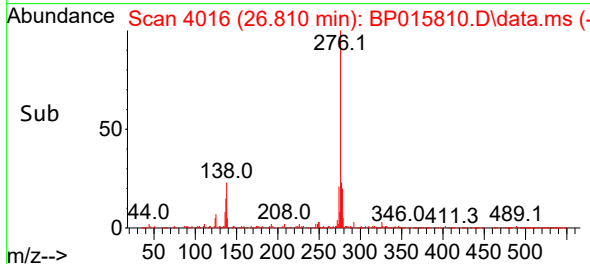
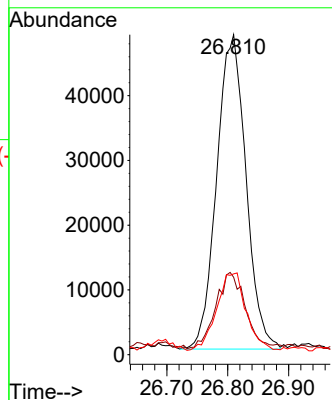
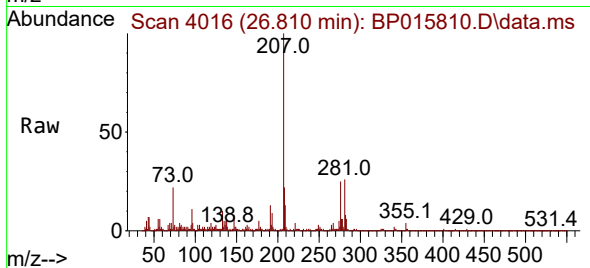
Tgt Ion:276 Resp: 162175

Ion Ratio Lower Upper

276 100

138 24.2 15.7 23.5#

277 25.3 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 2.415 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.012 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Tgt Ion:276 Resp: 145419

Ion Ratio Lower Upper

276 100

138 24.4 15.1 22.7#

277 22.8 18.8 28.2

