

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015802.D
 Acq On : 29 Jun 2023 10:07
 Operator : MA/JU
 Sample : 03143-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:24:51 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)

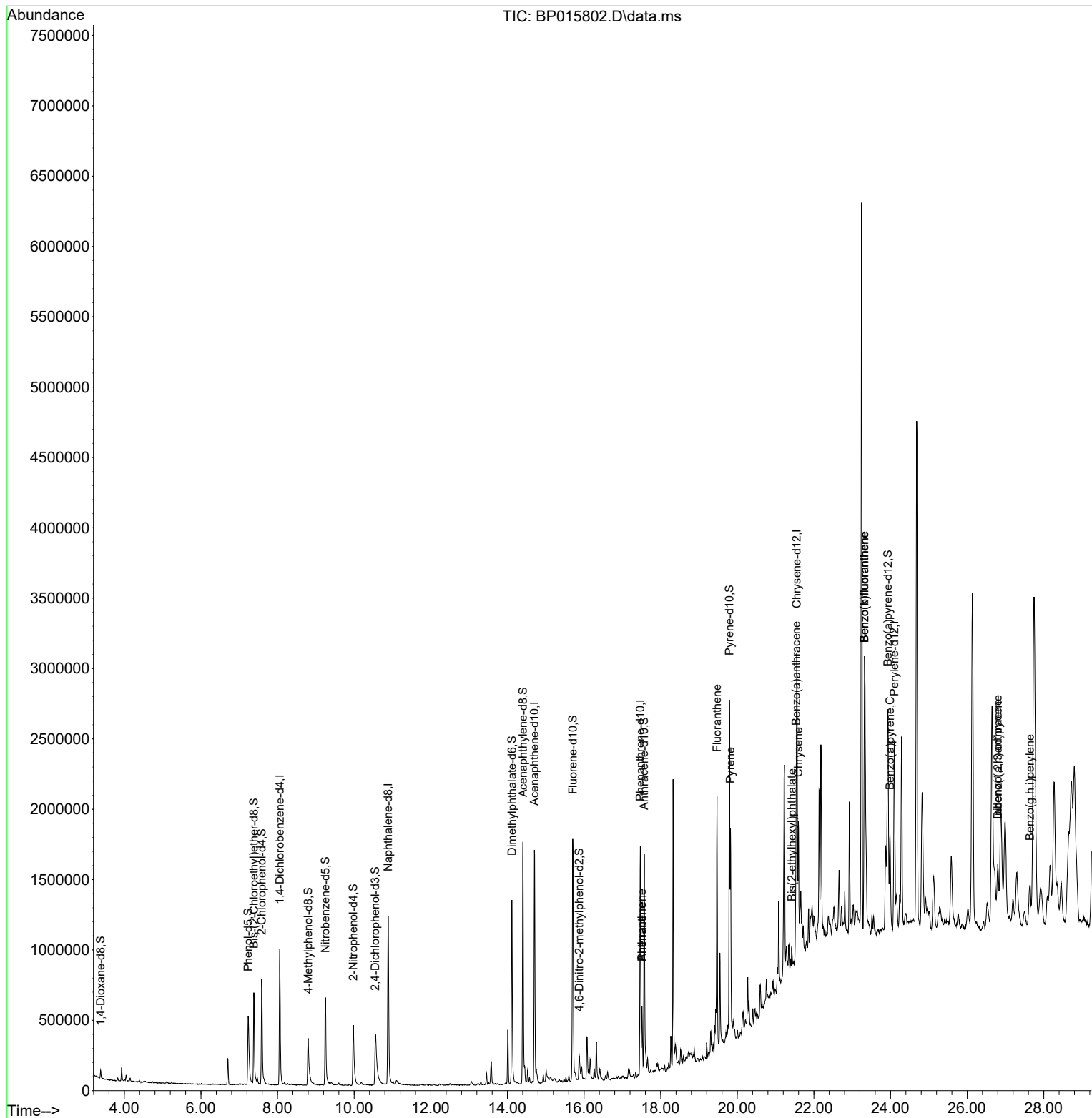
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	283382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1120018	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	575100	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	967485	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	842798	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1063965	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25917	3.290	ng/uL	0.00
4) Pyridine-d5	3.828	84	330	0.017	ng/ul	0.00
7) Phenol-d5	7.234	99	432295	17.829	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	340780	22.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	375014	20.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	199536	10.417	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	182106	21.275	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	187515	18.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	265881	14.935	ng/ul	0.04
31) 4-Chloroaniline-d4	11.099	131	12077	0.528	ng/ul	0.06
46) Dimethylphthalate-d6	14.116	166	962099	21.644	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1112726	22.268	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	264	0.045	ng/ul	-0.01
60) Fluorene-d10	15.704	176	762134	20.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	52972	8.903	ng/ul	0.02
73) Anthracene-d10	17.569	188	968443	21.914	ng/ul	0.00
81) Pyrene-d10	19.792	212	1114825	20.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1222695	22.781	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	266456	5.070	ng/ul	99
74) Anthracene	17.510	178	267239	5.060	ng/ul	99
80) Fluoranthene	19.469	202	972009	14.212	ng/ul#	94
82) Pyrene	19.822	202	790923	11.336	ng/ul#	88
85) Benzo(a)anthracene	21.539	228	484503	8.172	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.421	149	46824	1.197	ng/ul	96
87) Chrysene	21.592	228	534704	9.506	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	925068	13.531	ng/ul#	94
91) Benzo(k)fluoranthene	23.316	252	925068	13.393	ng/ul#	93
93) Benzo(a)pyrene	23.986	252	569775	9.538	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	482729	5.953	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.798	278	123365	1.852	ng/ul#	83
96) Benzo(g,h,i)perylene	27.639	276	426741	6.397	ng/ul#	90

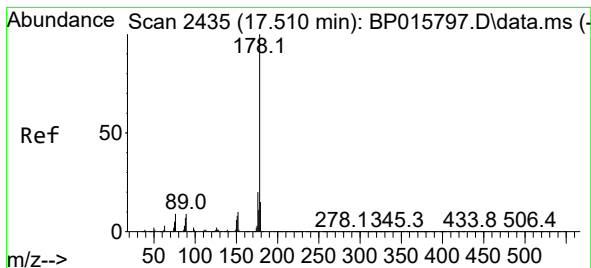
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.070 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

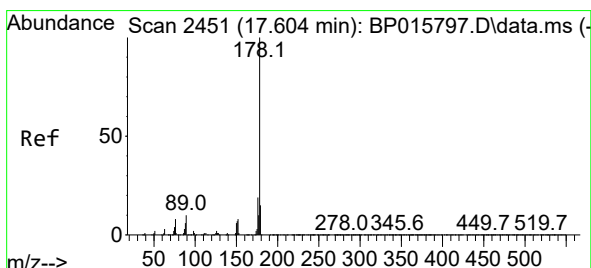
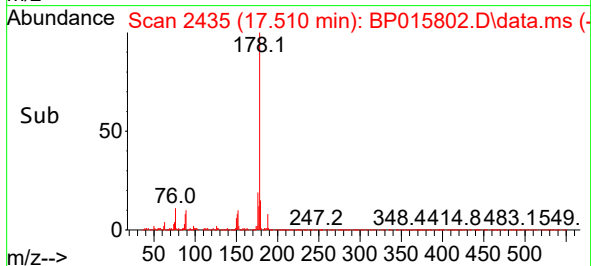
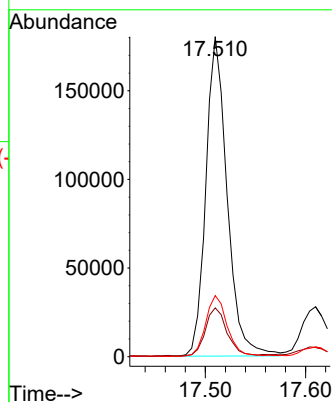
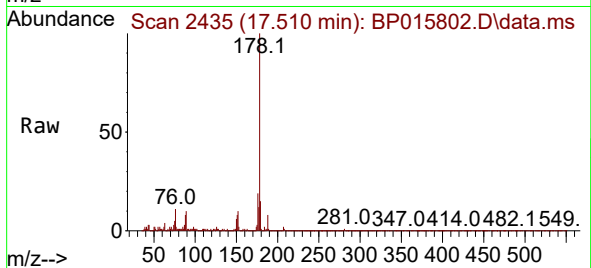
Tgt Ion:178 Resp: 266456

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.1 15.6 23.4



#74

Anthracene

Concen: 5.060 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

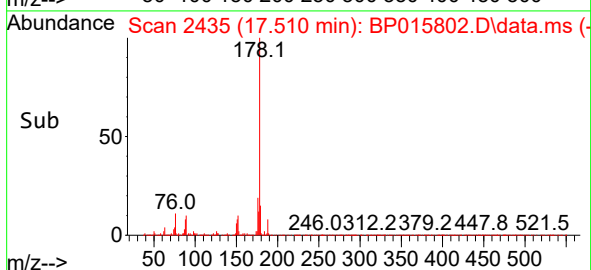
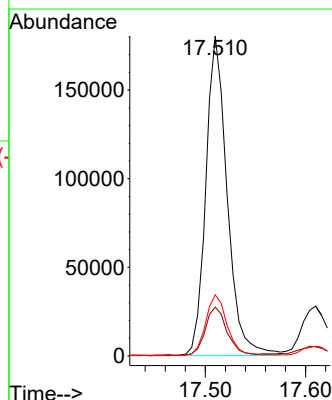
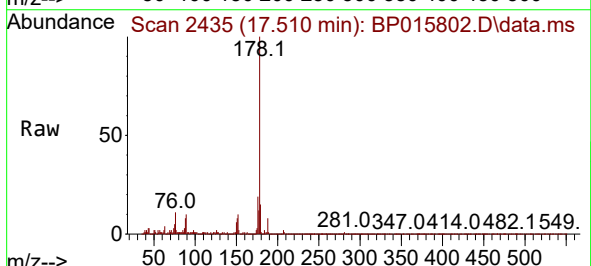
Tgt Ion:178 Resp: 267239

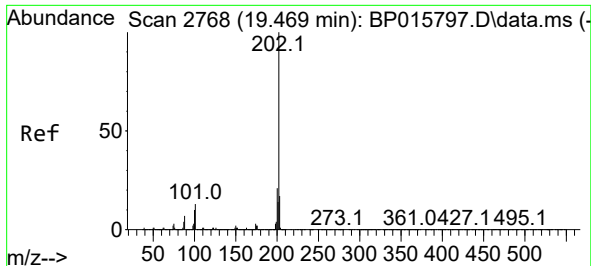
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.1 14.6 22.0

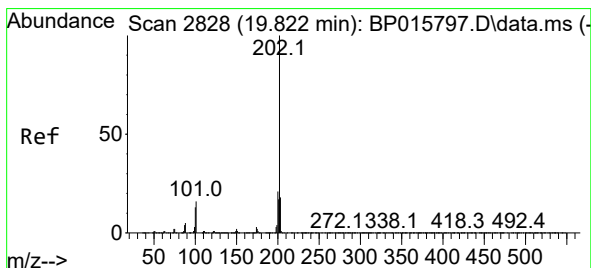
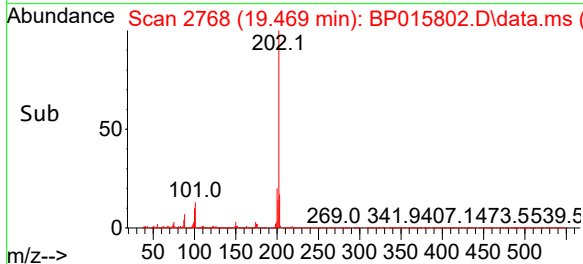
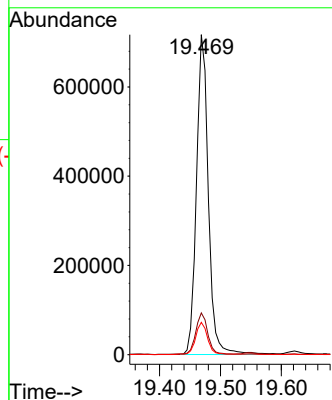
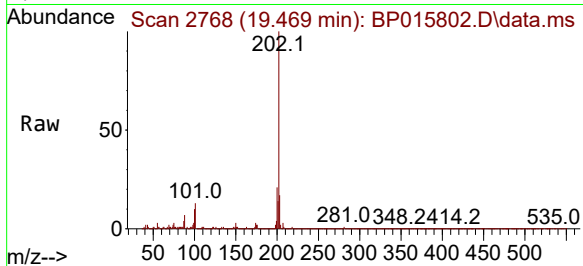




#80
Fluoranthene
Concen: 14.212 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015802.D
Acq: 29 Jun 2023 10:07

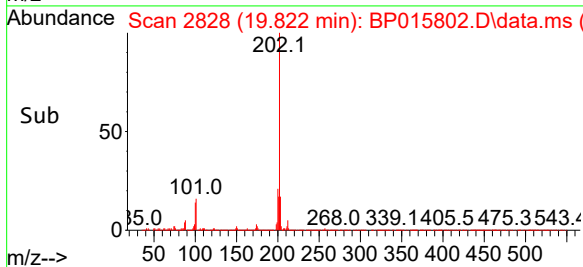
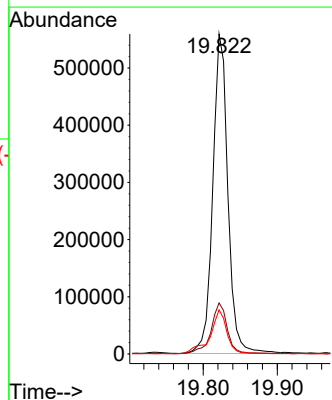
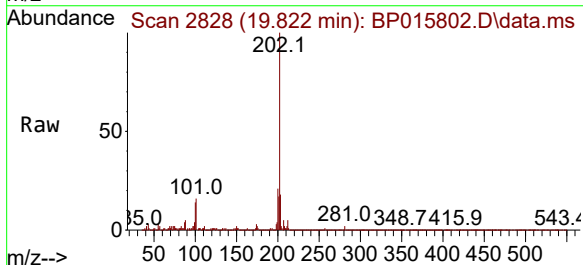
Instrument :
BNA_P
ClientSampleId :

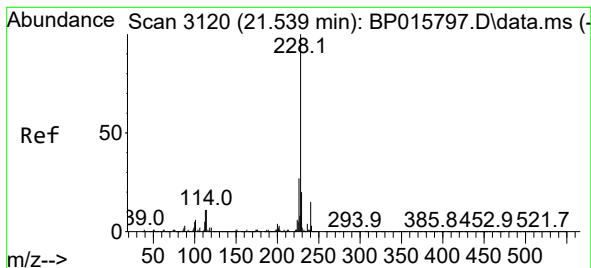
Tgt Ion:202 Resp: 972009
Ion Ratio Lower Upper
202 100
101 13.0 8.3 12.5#
100 10.1 6.6 9.8#



#82
Pyrene
Concen: 11.336 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015802.D
Acq: 29 Jun 2023 10:07

Tgt Ion:202 Resp: 790923
Ion Ratio Lower Upper
202 100
101 16.0 9.3 13.9#
100 13.8 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 8.172 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

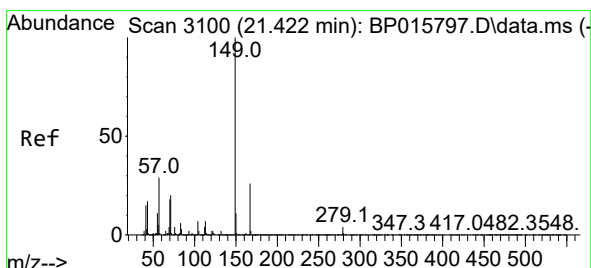
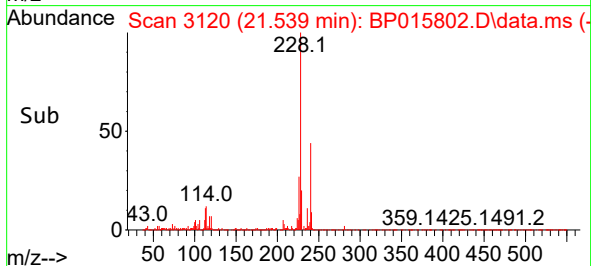
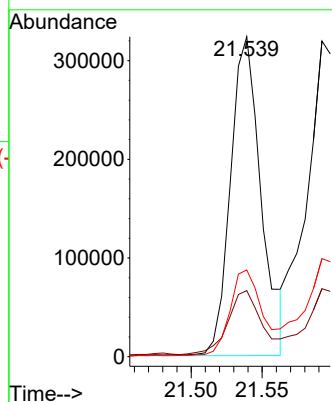
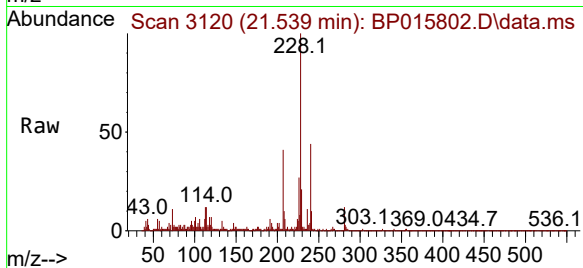
Tgt Ion:228 Resp: 484503

Ion Ratio Lower Upper

228 100

229 20.7 15.3 22.9

226 27.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.197 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

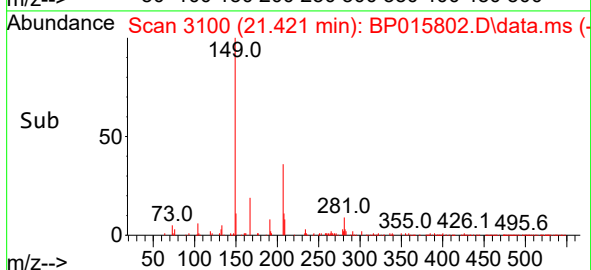
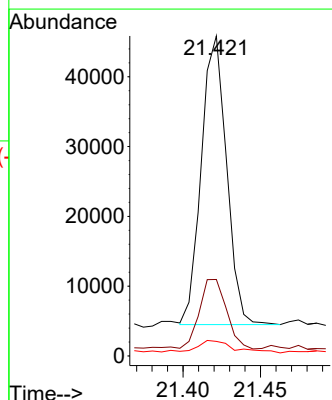
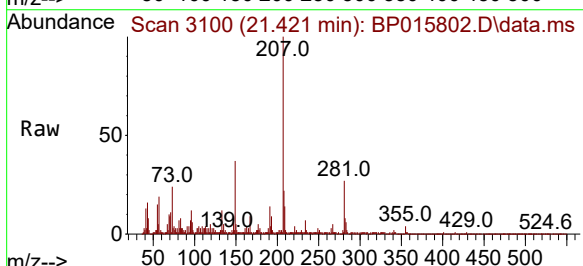
Tgt Ion:149 Resp: 46824

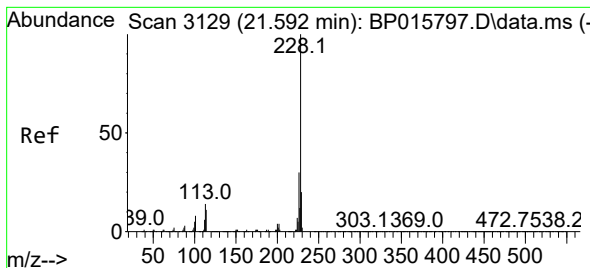
Ion Ratio Lower Upper

149 100

167 23.9 21.0 31.6

279 4.5 3.8 5.6





#87

Chrysene

Concen: 9.506 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

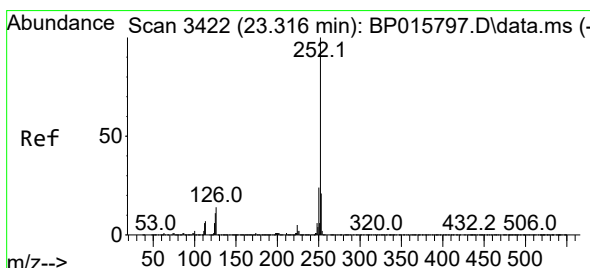
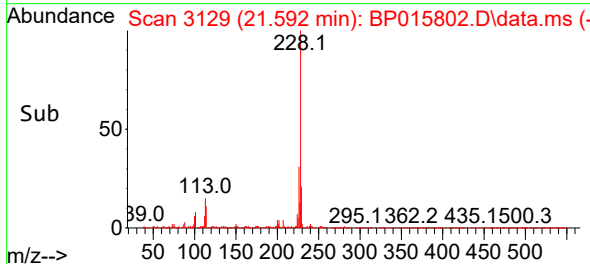
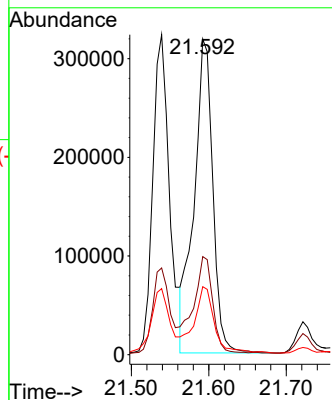
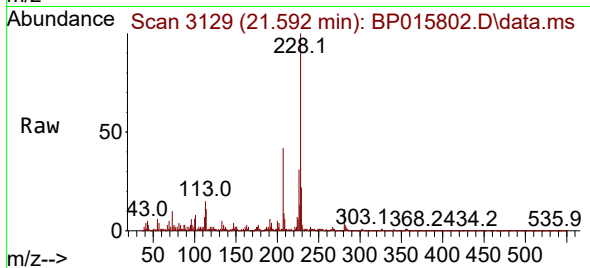
Tgt Ion:228 Resp: 534704

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 21.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 13.531 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

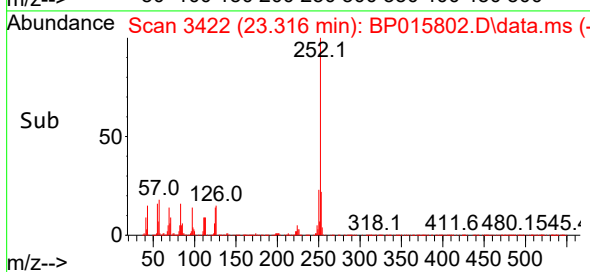
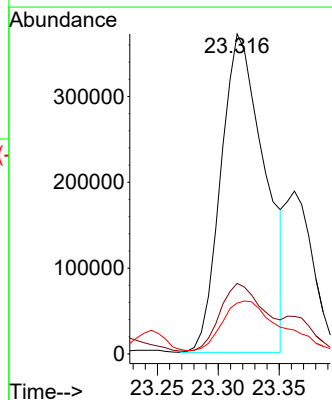
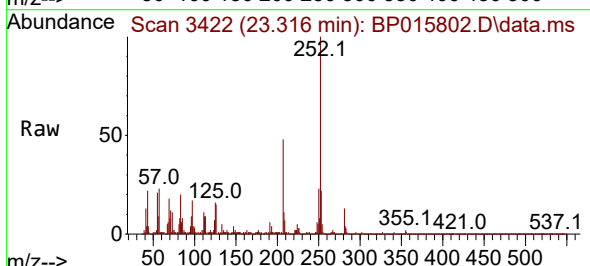
Tgt Ion:252 Resp: 925068

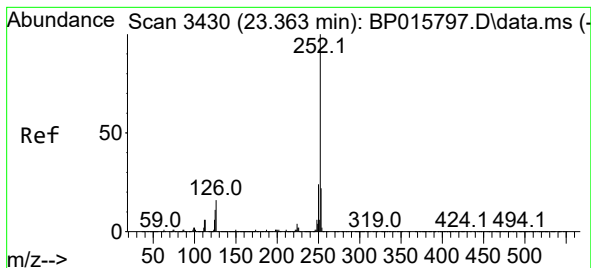
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 15.9 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 13.393 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

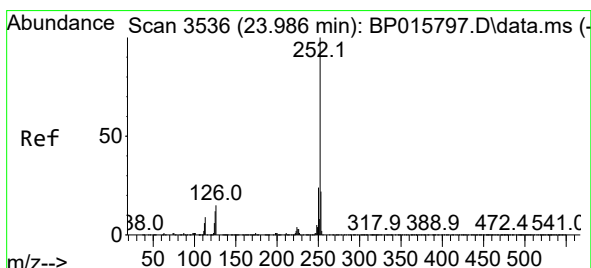
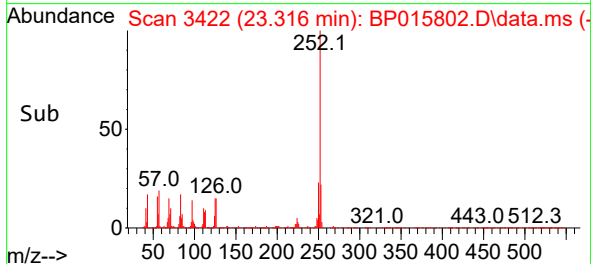
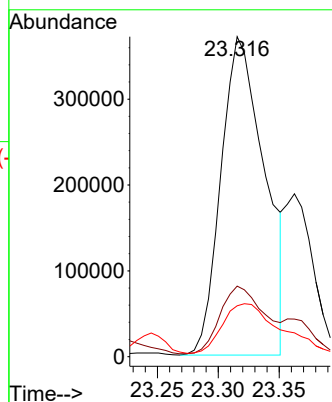
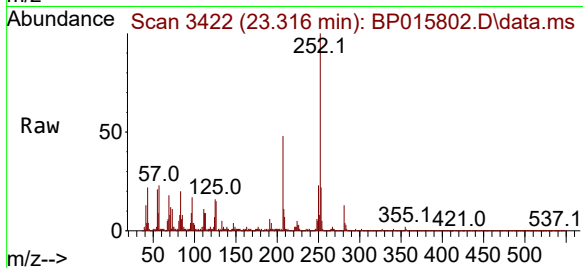
Tgt Ion:252 Resp: 925068

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 15.9 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 9.538 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

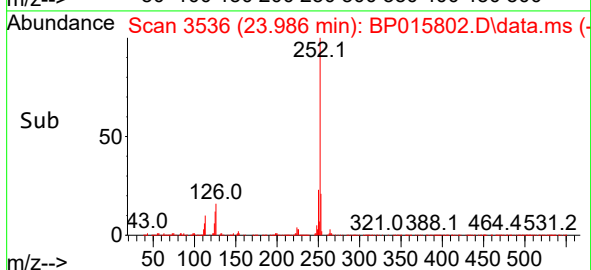
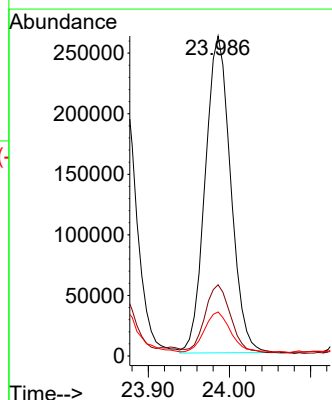
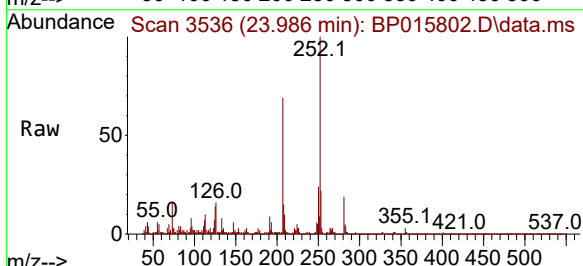
Tgt Ion:252 Resp: 569775

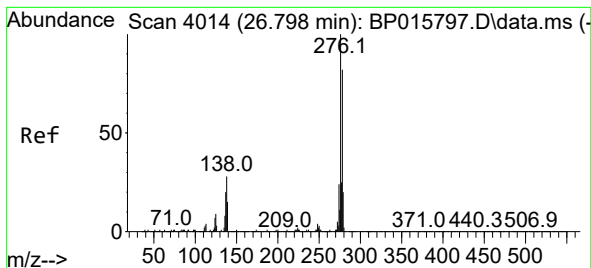
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 13.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.953 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

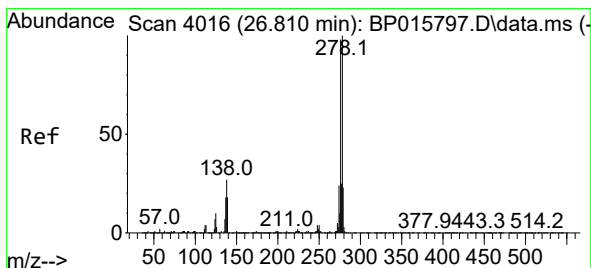
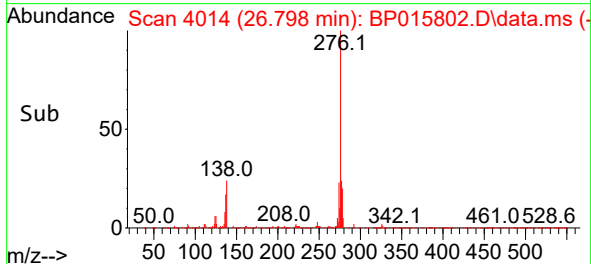
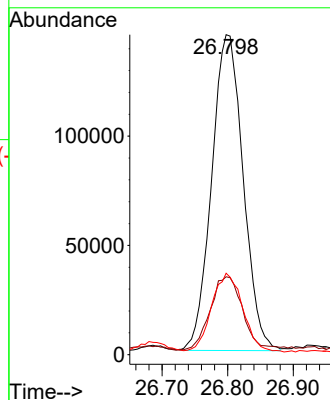
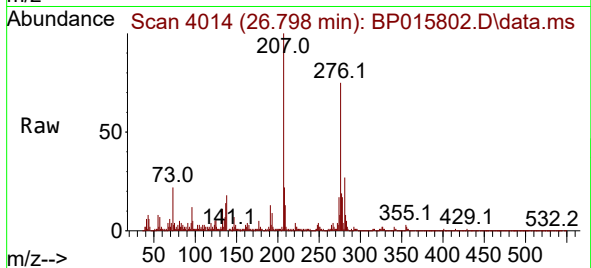
Tgt Ion:276 Resp: 482729

Ion Ratio Lower Upper

276 100

138 24.3 15.7 23.5#

277 25.5 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.852 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

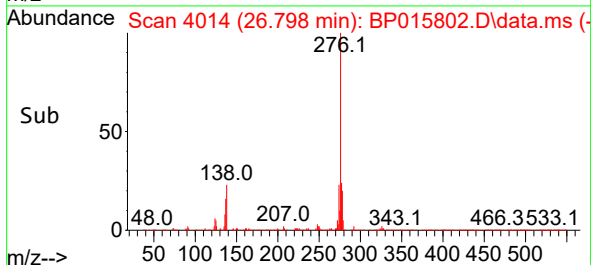
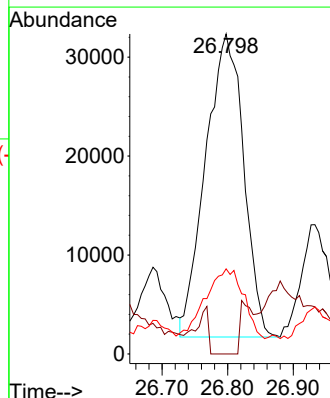
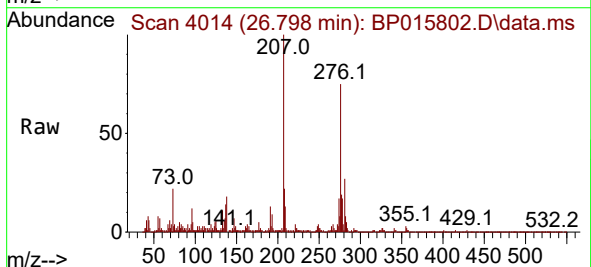
Tgt Ion:278 Resp: 123365

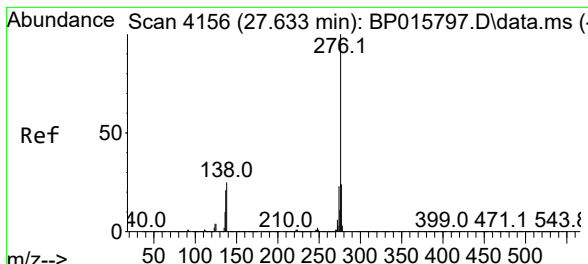
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

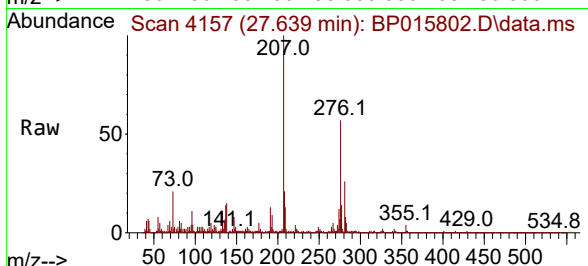
279 26.6 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 6.397 ng/ul
 RT: 27.639 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP015802.D
 Acq: 29 Jun 2023 10:07

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 276 Resp: 426741

Ion	Ratio	Lower	Upper
276	100		
138	26.6	15.1	22.7#
277	25.5	18.8	28.2

