

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015809.D
 Acq On : 29 Jun 2023 14:05
 Operator : MA/JU
 Sample : 03143-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:26:38 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

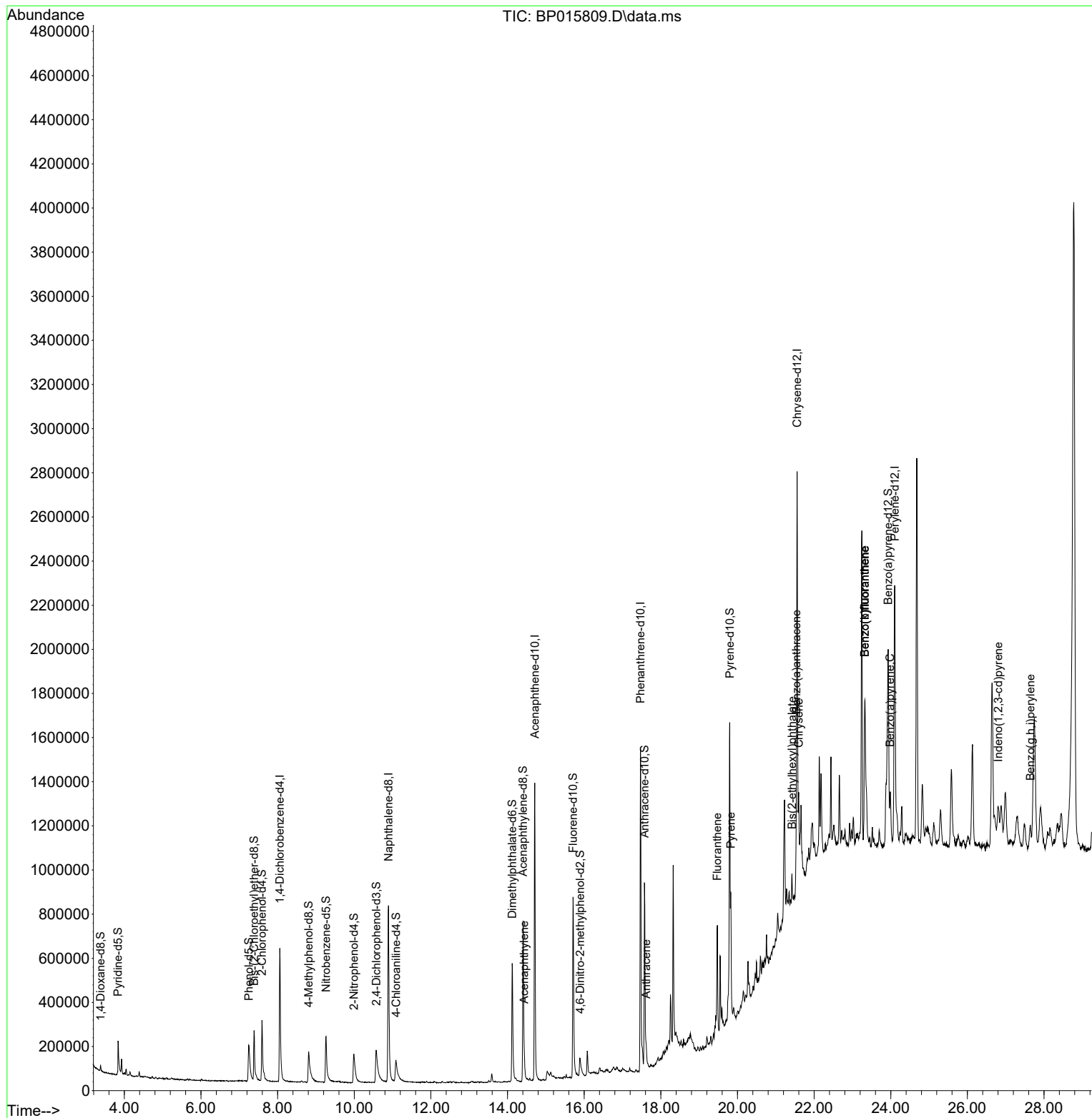
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	198928	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	846833	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.710	164	478782	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	958470	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	839036	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	967966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	11271	2.039	ng/uL	0.00
4) Pyridine-d5	3.834	84	90476	6.491	ng/ul	0.01
7) Phenol-d5	7.246	99	183377	10.774	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	134905	12.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	157233	12.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	113150	8.415	ng/ul	0.02
21) Nitrobenzene-d5	9.263	128	65135	10.064	ng/ul	0.02
24) 2-Nitrophenol-d4	9.993	143	80354	10.638	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.575	165	120552	8.956	ng/ul	0.06
31) 4-Chloroaniline-d4	11.093	131	124766	7.216	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	469216	12.679	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	537759	12.927	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	50	0.010	ng/ul	-0.01
60) Fluorene-d10	15.710	176	396851	13.024	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.892	200	28097	4.767	ng/ul	0.04
73) Anthracene-d10	17.575	188	573185	13.092	ng/ul	0.00
81) Pyrene-d10	19.798	212	686613	12.532	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	662971	13.578	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	57100	1.246	ng/ul	98
74) Anthracene	17.616	178	55338	1.058	ng/ul	98
80) Fluoranthene	19.474	202	288750	4.241	ng/ul#	92
82) Pyrene	19.827	202	323630	4.659	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	203598	3.450	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.421	149	42378	1.088	ng/ul	97
87) Chrysene	21.598	228	227216	4.058	ng/ul	96
90) Benzo(b)fluoranthene	23.321	252	390507	6.279	ng/ul#	92
91) Benzo(k)fluoranthene	23.321	252	390507	6.214	ng/ul#	92
93) Benzo(a)pyrene	23.986	252	198619	3.655	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.804	276	173985	2.358	ng/ul#	95
96) Benzo(g,h,i)perylene	27.645	276	138377	2.280	ng/ul#	91

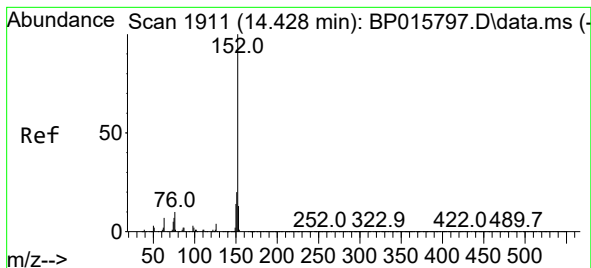
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 22:26:38 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.246 ng/ul

RT: 14.434 min Scan# 1911

Delta R.T. 0.006 min

Lab File: BP015809.D

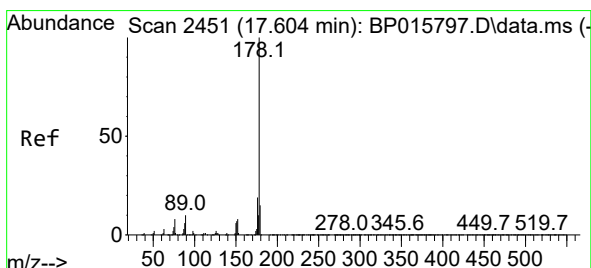
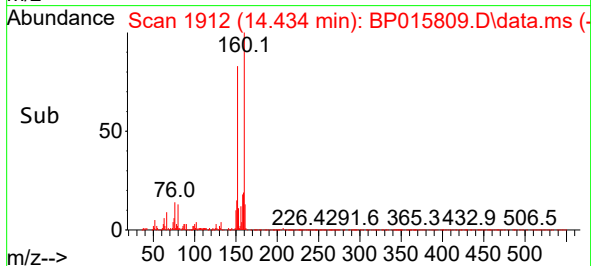
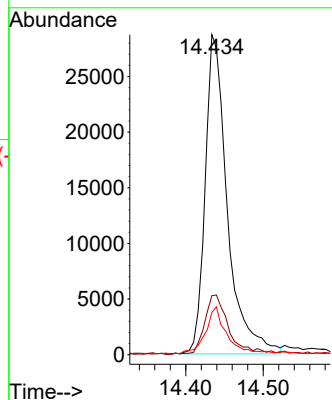
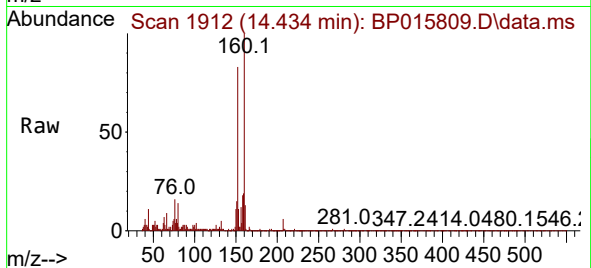
Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:152	Resp:	57100
Ion Ratio	Lower	Upper
152	100	
151	18.4	16.2 24.2
153	13.2	10.5 15.7



#74

Anthracene

Concen: 1.058 ng/ul

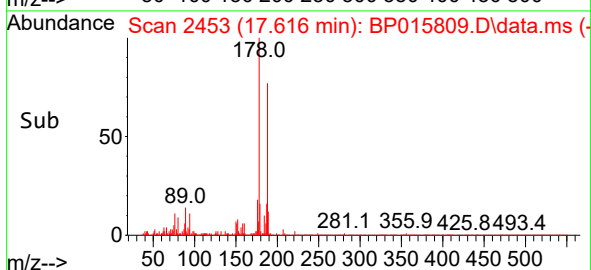
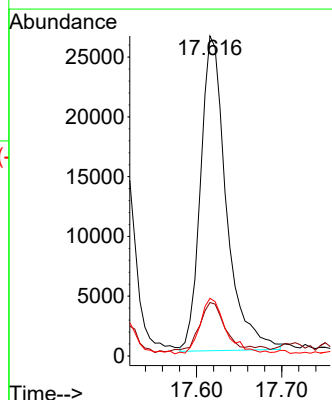
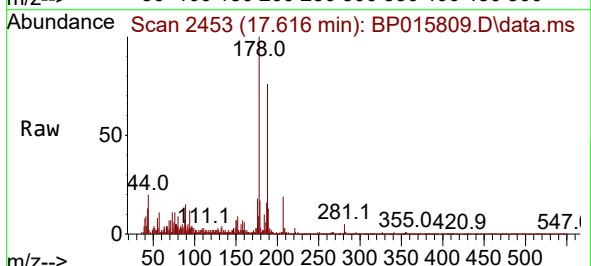
RT: 17.616 min Scan# 2453

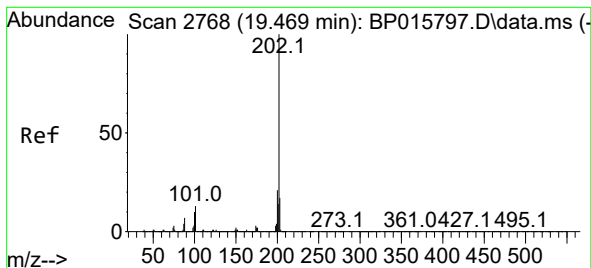
Delta R.T. 0.012 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Tgt Ion:178	Resp:	55338
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.1 18.1
176	18.0	14.6 22.0





#80

Fluoranthene

Concen: 4.241 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

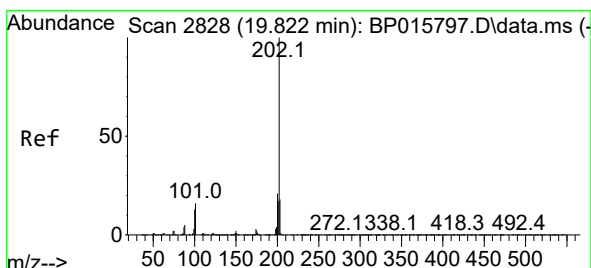
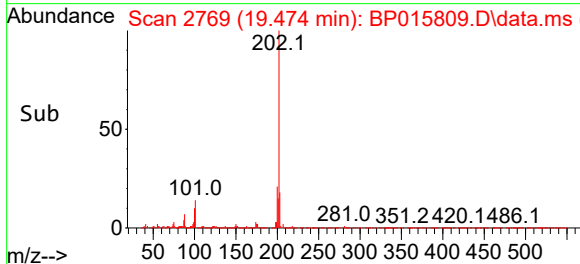
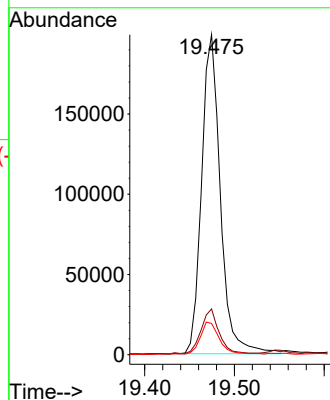
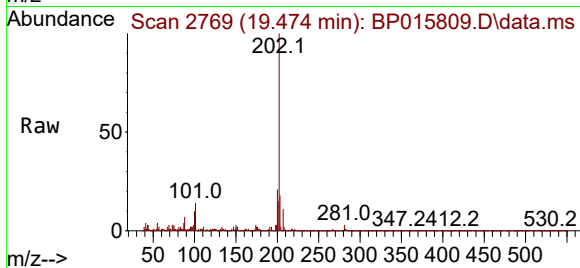
Tgt Ion:202 Resp: 288750

Ion Ratio Lower Upper

202 100

101 14.3 8.3 12.5#

100 9.8 6.6 9.8



#82

Pyrene

Concen: 4.659 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

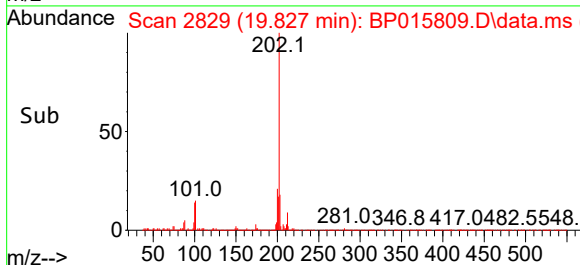
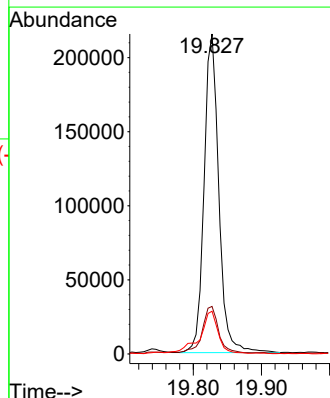
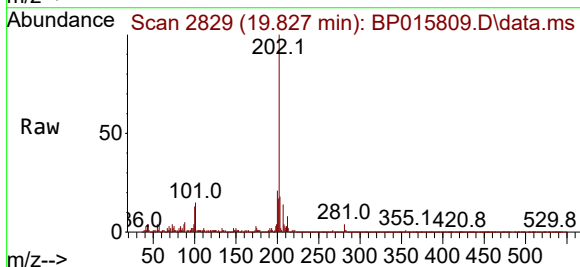
Tgt Ion:202 Resp: 323630

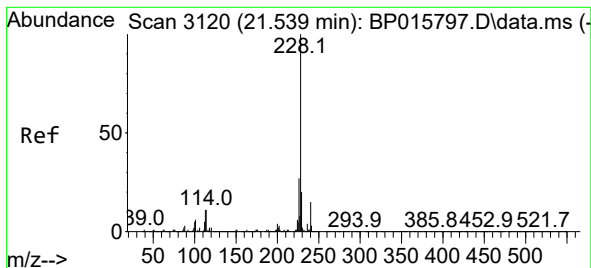
Ion Ratio Lower Upper

202 100

101 14.8 9.3 13.9#

100 13.3 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 3.450 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

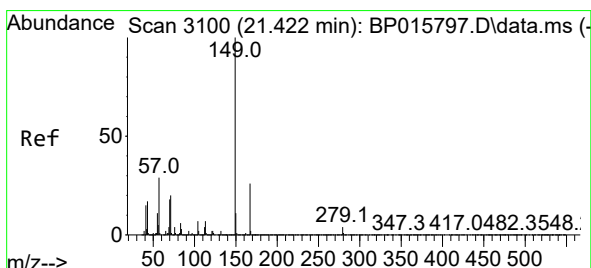
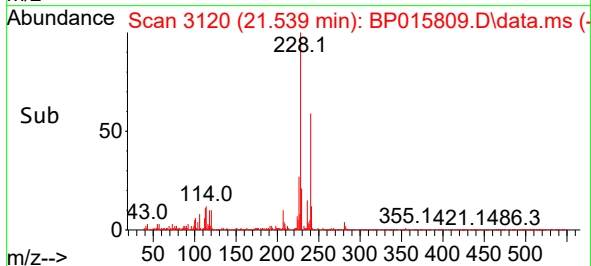
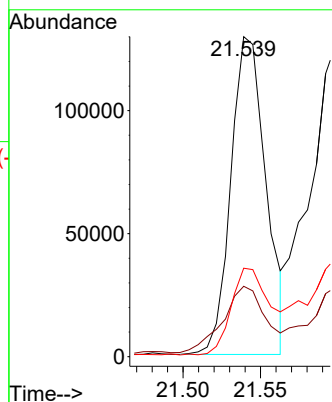
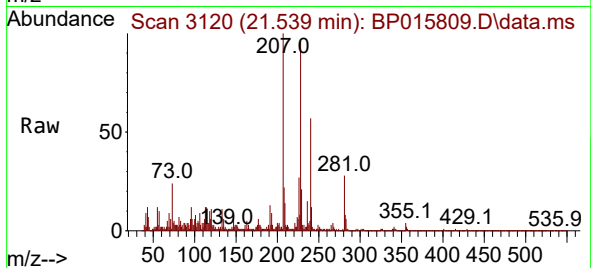
Tgt Ion:228 Resp: 203598

Ion Ratio Lower Upper

228 100

229 22.0 15.3 22.9

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.088 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

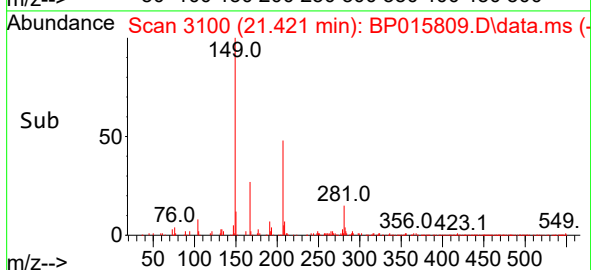
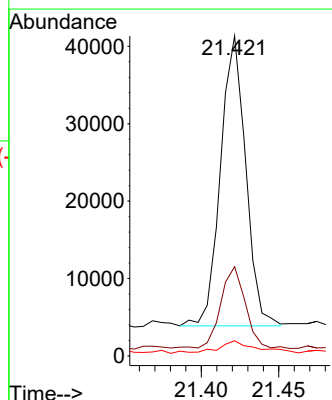
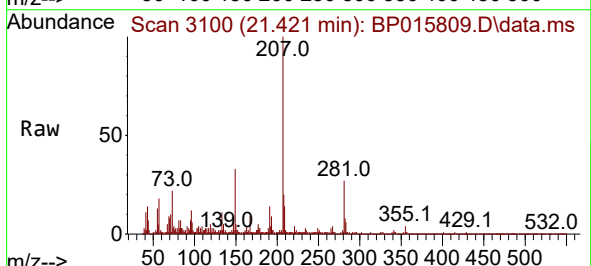
Tgt Ion:149 Resp: 42378

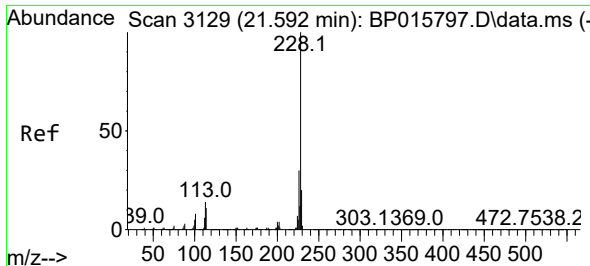
Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.6

279 4.8 3.8 5.6





#87

Chrysene

Concen: 4.058 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

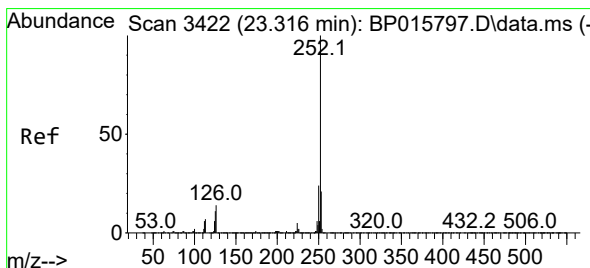
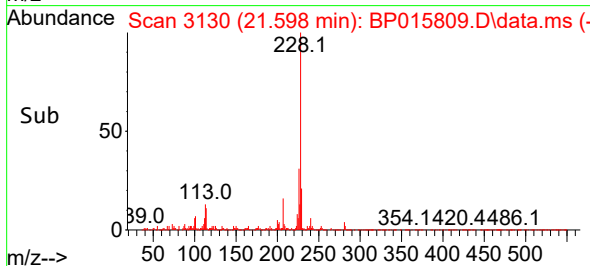
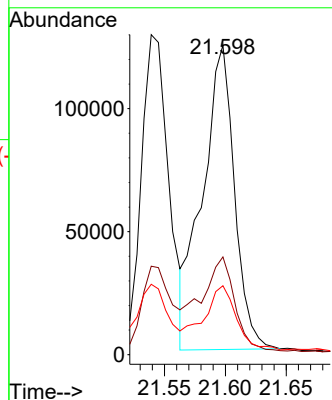
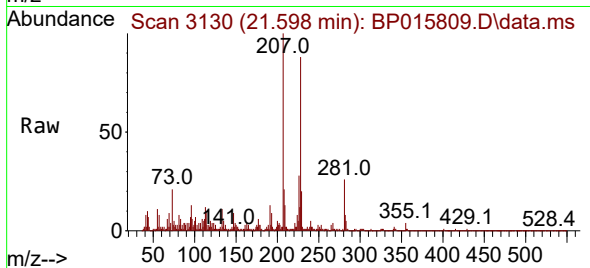
Tgt Ion:228 Resp: 227216

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 22.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 6.279 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

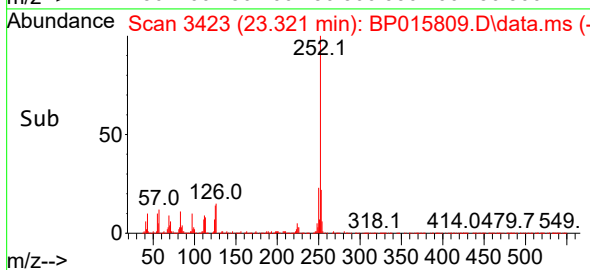
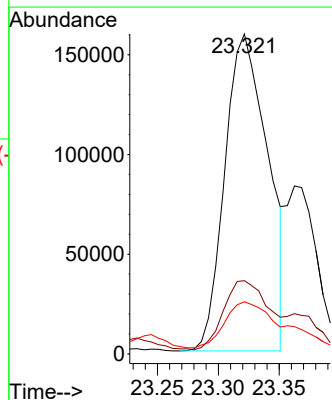
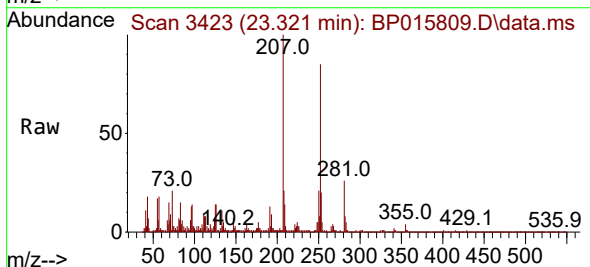
Tgt Ion:252 Resp: 390507

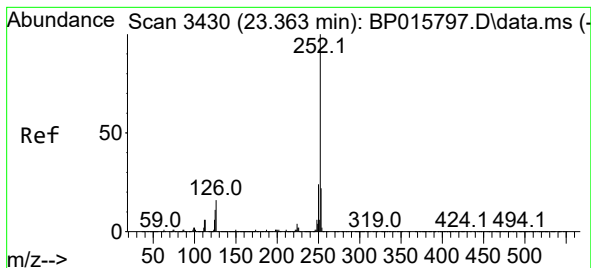
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 16.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 6.214 ng/ul

RT: 23.321 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

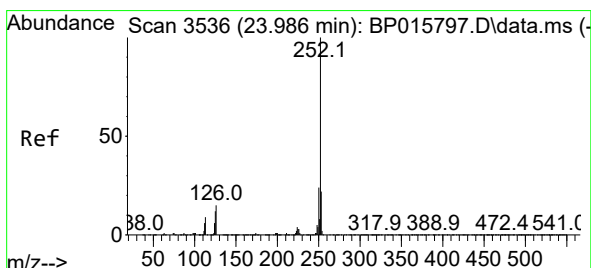
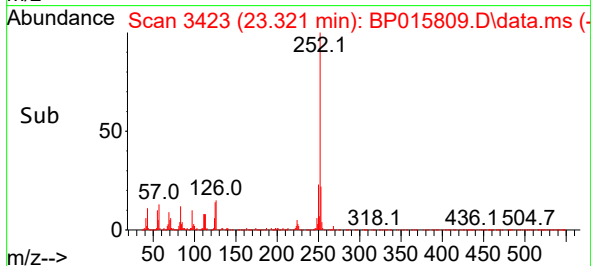
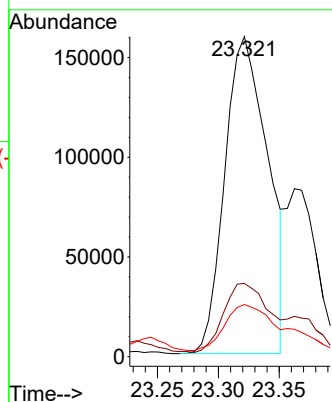
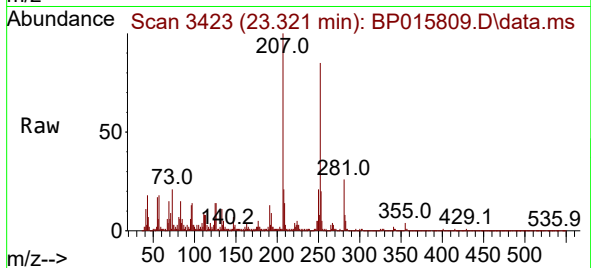
Tgt Ion:252 Resp: 390507

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

125 16.3 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 3.655 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

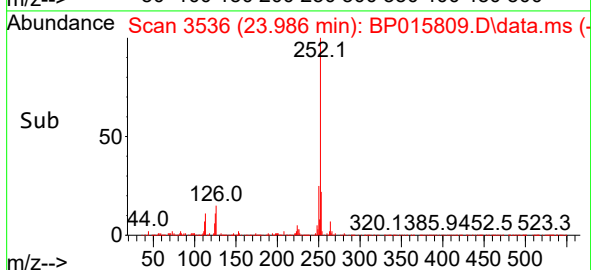
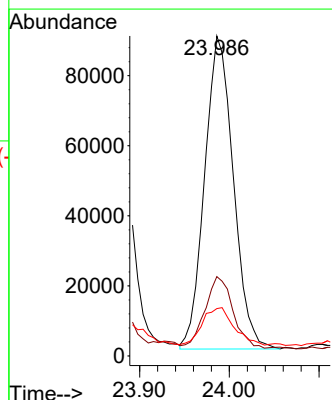
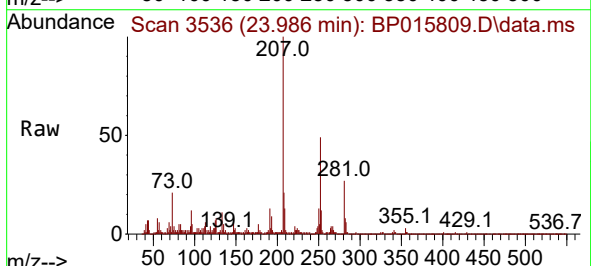
Tgt Ion:252 Resp: 198619

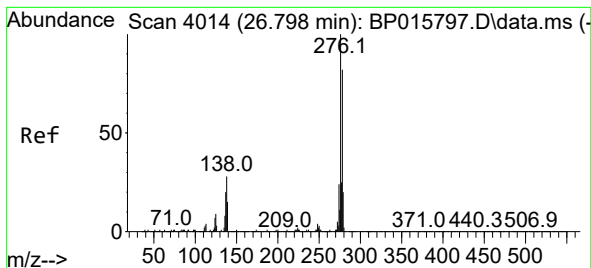
Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 14.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.358 ng/ul

RT: 26.804 min Scan# 4014

Delta R.T. 0.006 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

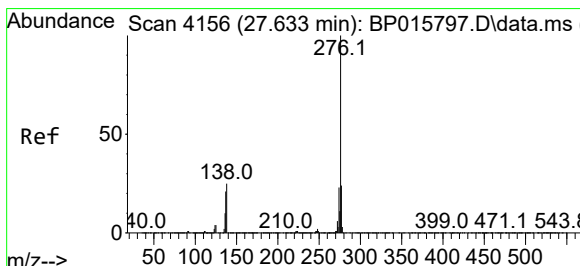
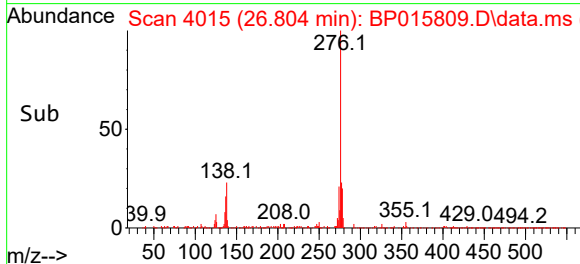
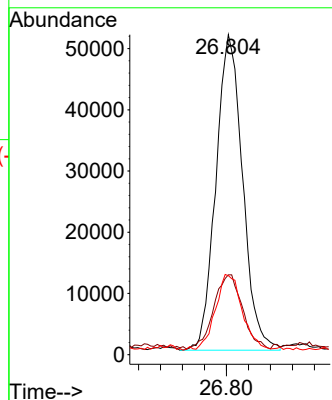
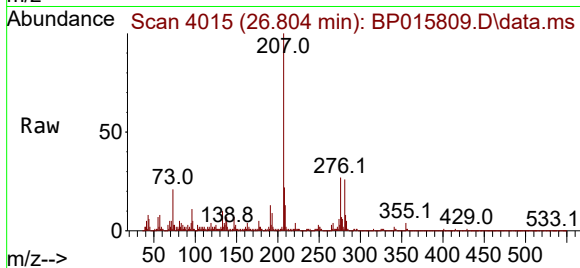
Tgt Ion:276 Resp: 173985

Ion Ratio Lower Upper

276 100

138 25.0 15.7 23.5#

277 24.7 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 2.280 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.012 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Tgt Ion:276 Resp: 138377

Ion Ratio Lower Upper

276 100

138 27.5 15.1 22.7#

277 23.4 18.8 28.2

