

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015840.D
 Acq On : 30 Jun 2023 12:50
 Operator : MA/JU
 Sample : 03161-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:32:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

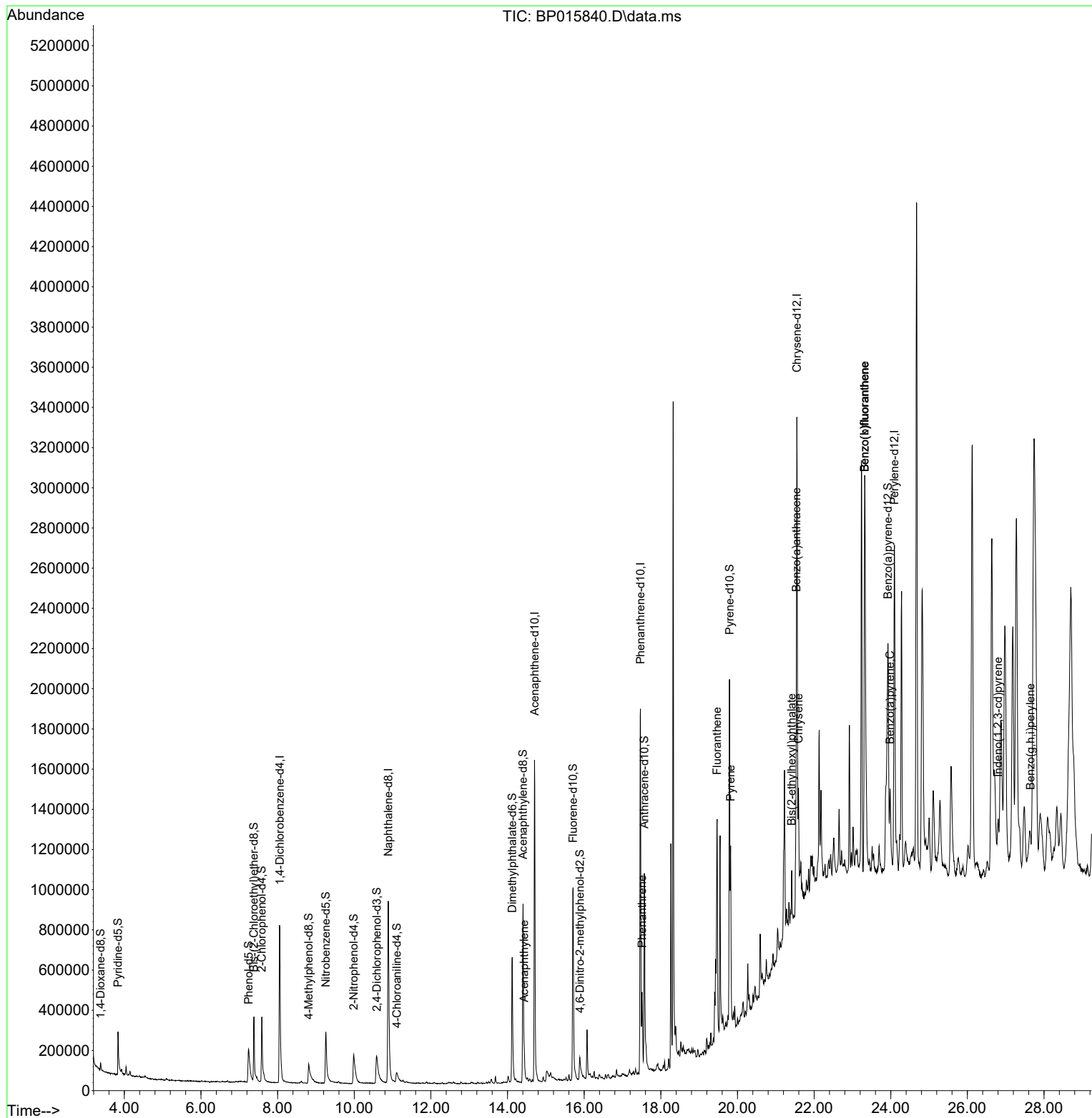
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	264533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1018673	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	558306	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1167428	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1098022	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1334060	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17059	2.320	ng/uL	0.00
4) Pyridine-d5	3.834	84	133954	7.227	ng/ul	0.01
7) Phenol-d5	7.240	99	196974	8.703	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	181640	12.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	181486	10.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	81524	4.559	ng/ul	0.03
21) Nitrobenzene-d5	9.257	128	83120	10.677	ng/ul	0.02
24) 2-Nitrophenol-d4	9.987	143	94876	10.442	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.587	165	112494	6.948	ng/ul	0.07
31) 4-Chloroaniline-d4	11.110	131	63665	3.061	ng/ul	0.08
46) Dimethylphthalate-d6	14.122	166	527788	12.231	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	628828	12.963	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	36	0.006	ng/ul	0.00
60) Fluorene-d10	15.710	176	462652	13.021	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.887	200	36792	5.125	ng/ul	0.03
73) Anthracene-d10	17.569	188	662519	12.424	ng/ul	0.00
81) Pyrene-d10	19.792	212	851201	11.872	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	902943	13.417	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	91846	1.718	ng/ul	98
72) Phenanthrene	17.510	178	207953	3.279	ng/ul	99
80) Fluoranthene	19.469	202	584209	6.556	ng/ul#	93
82) Pyrene	19.822	202	491538	5.408	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	297092	3.846	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	80311	1.576	ng/ul	99
87) Chrysene	21.592	228	335992	4.585	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	578157	6.745	ng/ul#	87
91) Benzo(k)fluoranthene	23.316	252	578157	6.676	ng/ul#	86
93) Benzo(a)pyrene	23.980	252	338779	4.523	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	294775	2.899	ng/ul#	93
96) Benzo(g,h,i)perylene	27.645	276	256936	3.072	ng/ul#	96

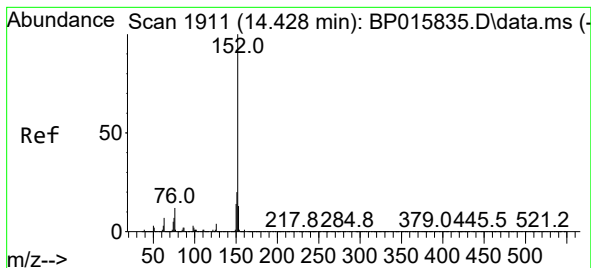
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.718 ng/ul

RT: 14.434 min Scan# 1911

Delta R.T. 0.006 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

Instrument :

BNA_P

ClientSampleId :

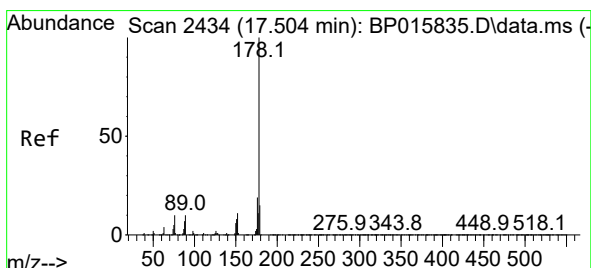
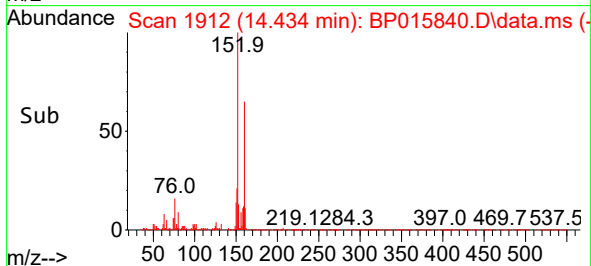
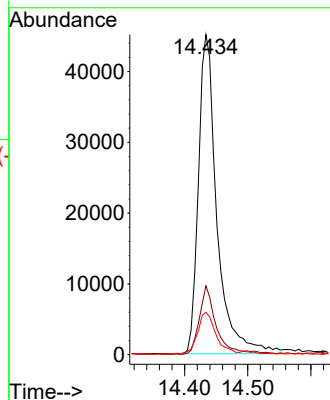
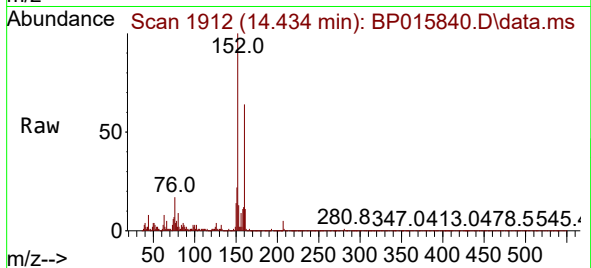
Tgt Ion:152 Resp: 91846

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.2

153 13.2 10.5 15.7



#72

Phenanthrene

Concen: 3.279 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

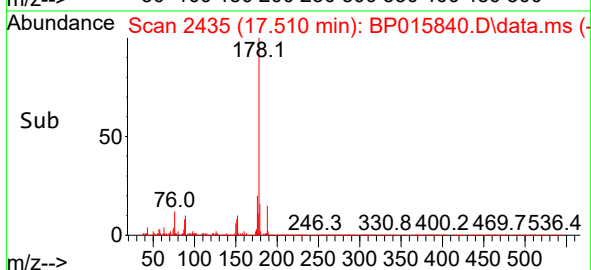
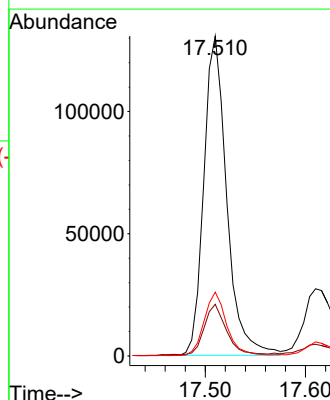
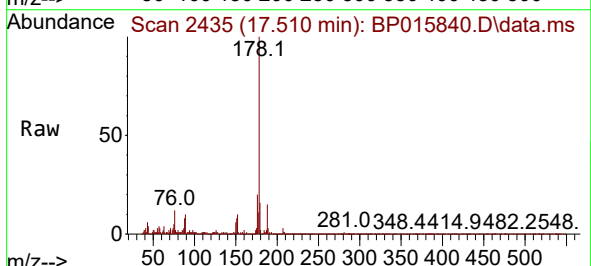
Tgt Ion:178 Resp: 207953

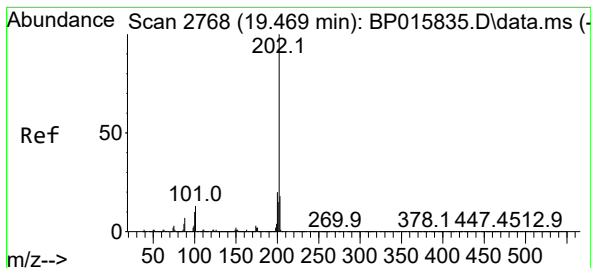
Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

176 20.0 15.6 23.4





#80

Fluoranthene

Concen: 6.556 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

Instrument :

BNA_P

ClientSampleId :

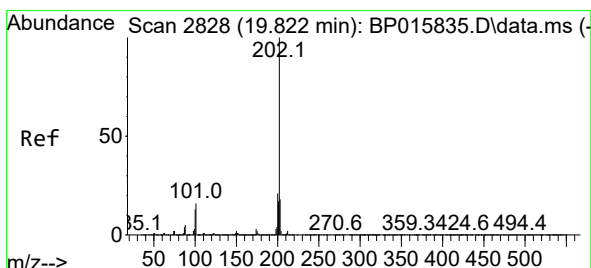
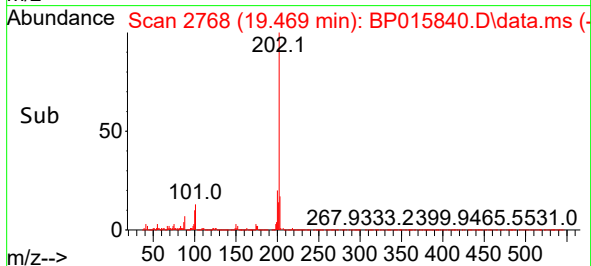
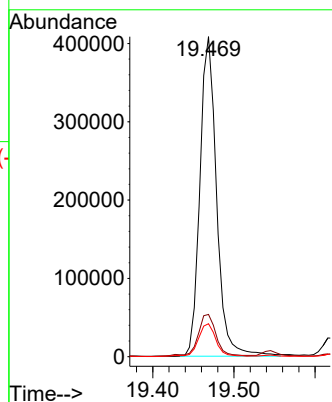
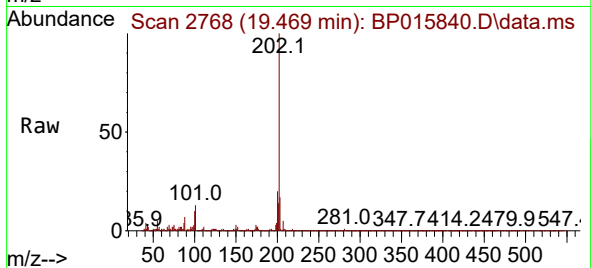
Tgt Ion:202 Resp: 584209

Ion Ratio Lower Upper

202 100

101 13.2 8.3 12.5#

100 10.3 6.6 9.8#



#82

Pyrene

Concen: 5.408 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

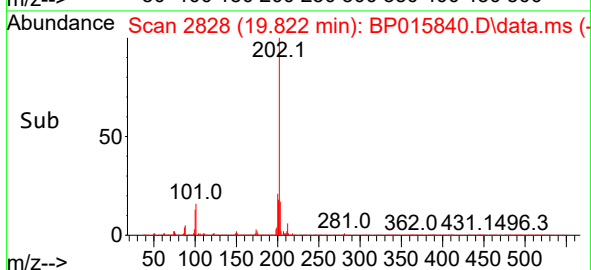
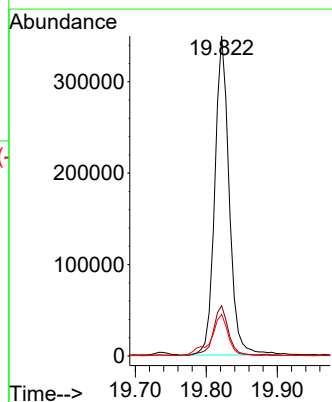
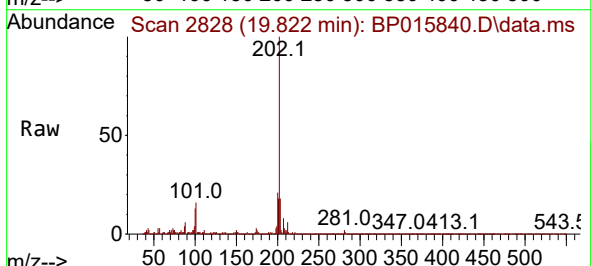
Tgt Ion:202 Resp: 491538

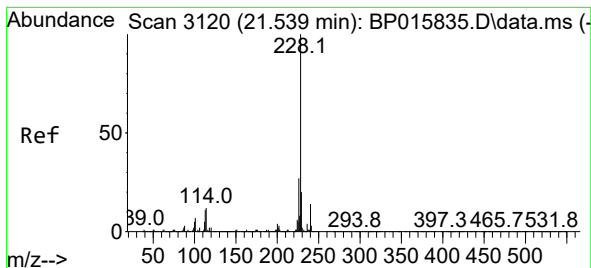
Ion Ratio Lower Upper

202 100

101 15.7 9.3 13.9#

100 13.0 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 3.846 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

Instrument :

BNA_P

ClientSampleId :

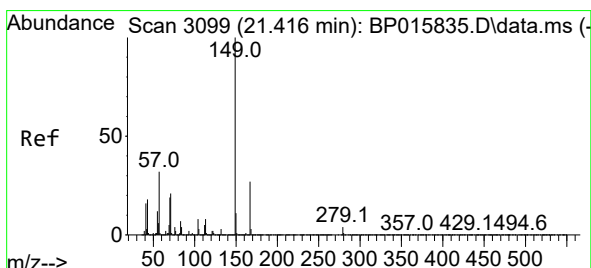
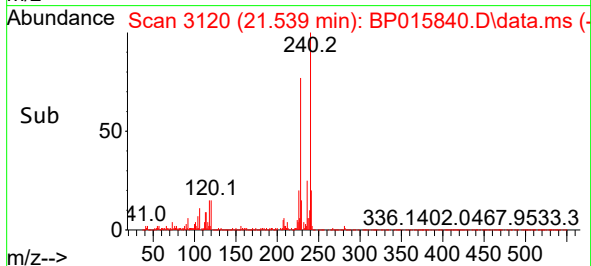
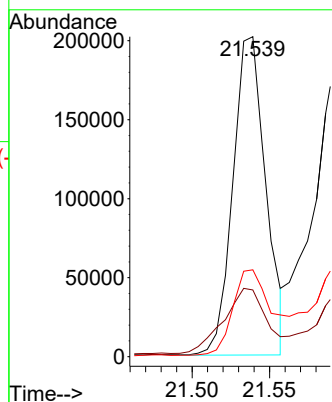
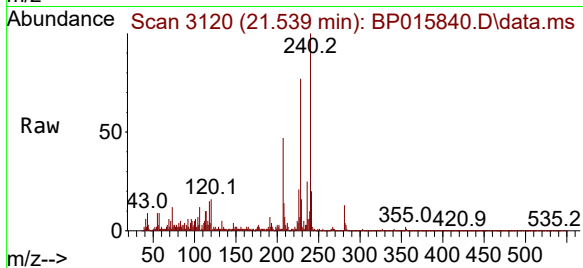
Tgt Ion:228 Resp: 297092

Ion Ratio Lower Upper

228 100

229 20.8 15.3 22.9

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.576 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

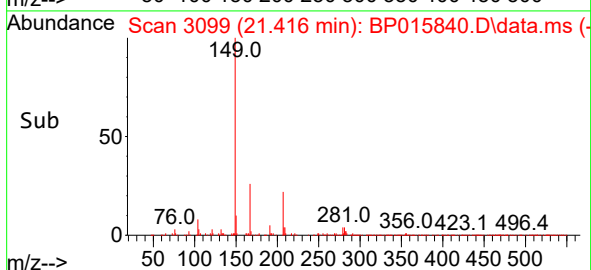
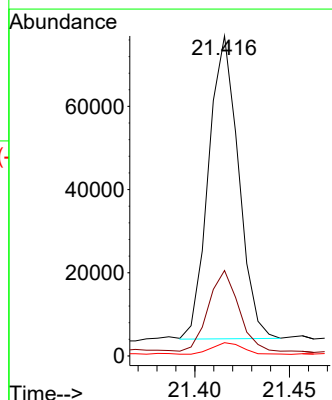
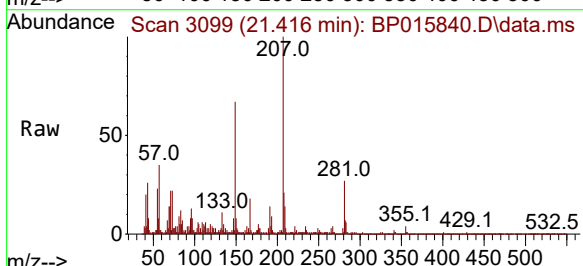
Tgt Ion:149 Resp: 80311

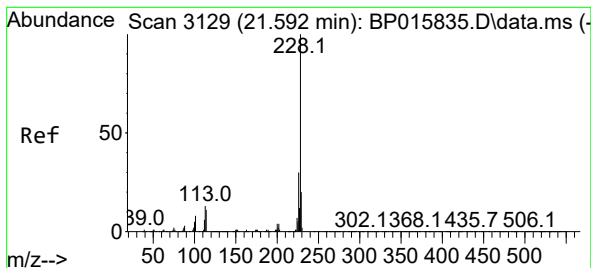
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.6

279 4.2 3.8 5.6





#87

Chrysene

Concen: 4.585 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015840.D

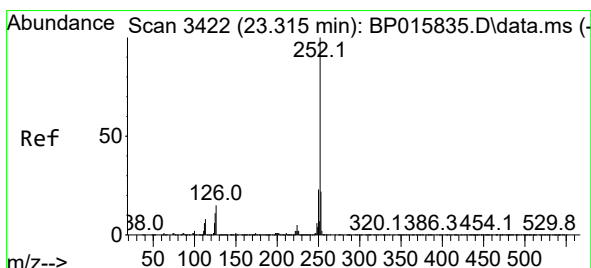
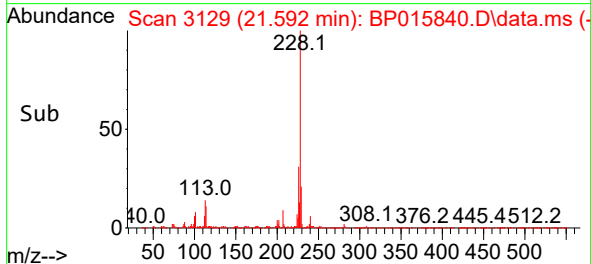
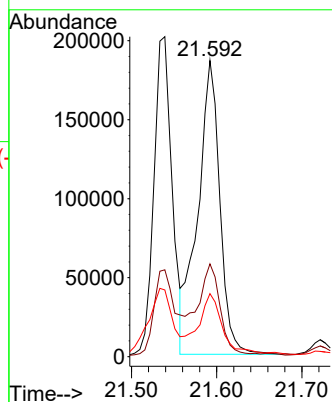
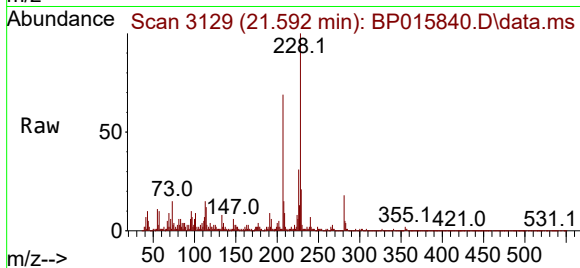
Acq: 30 Jun 2023 12:50

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	228	Resp:	335992
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.3	36.5
229	21.3	15.5	23.3



#90

Benzo(b)fluoranthene

Concen: 6.745 ng/ul

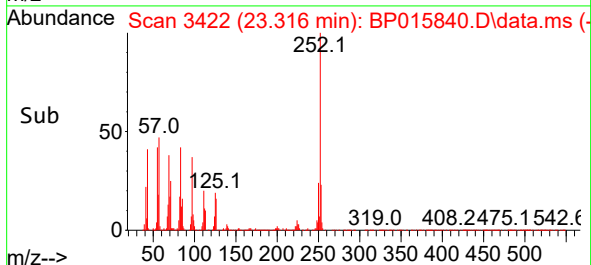
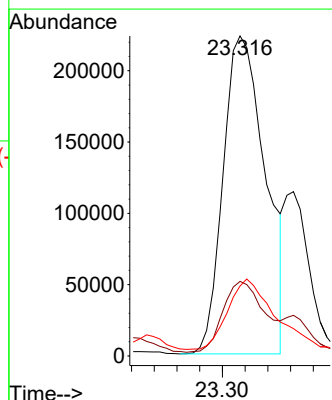
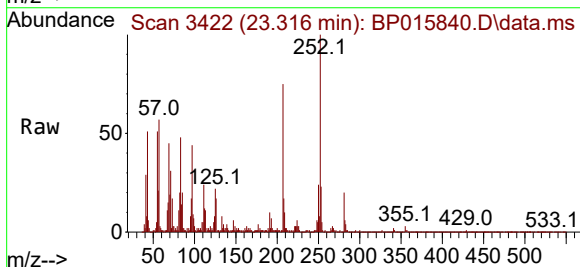
RT: 23.316 min Scan# 3422

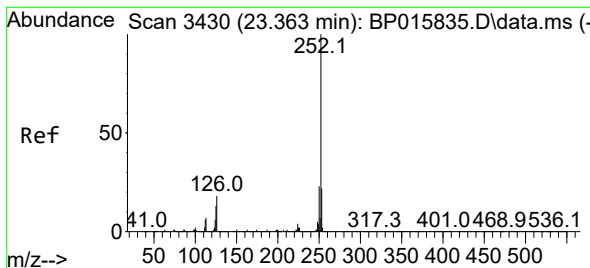
Delta R.T. 0.000 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

Tgt Ion:	252	Resp:	578157
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	21.8	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 6.676 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

Instrument :

BNA_P

ClientSampleId :

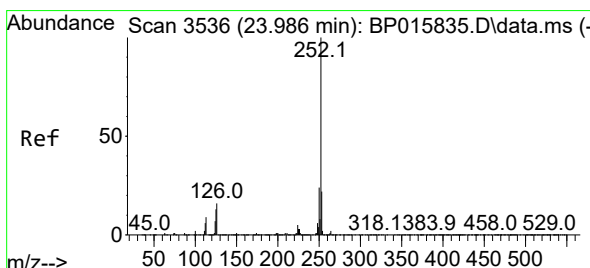
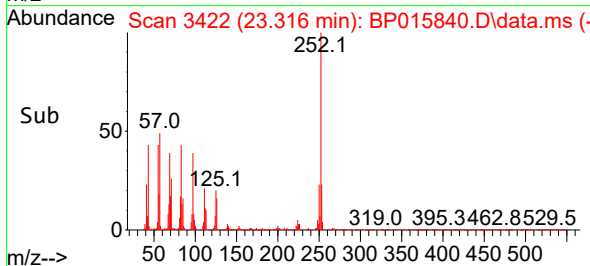
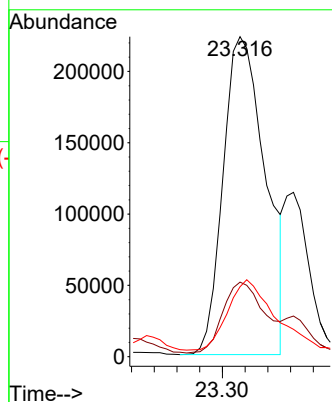
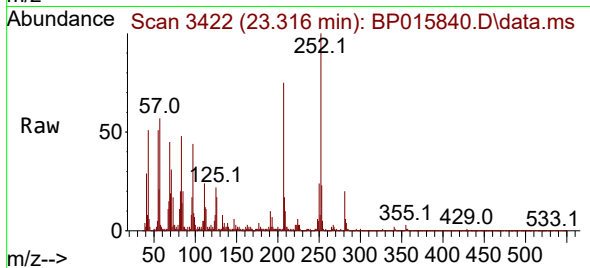
Tgt Ion:252 Resp: 578157

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

125 21.8 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 4.523 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

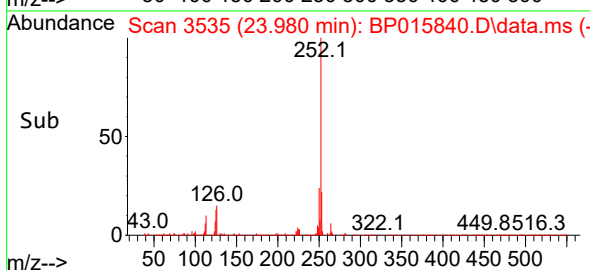
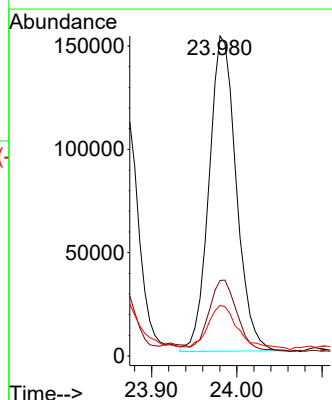
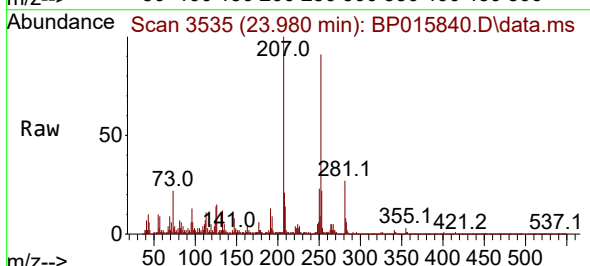
Tgt Ion:252 Resp: 338779

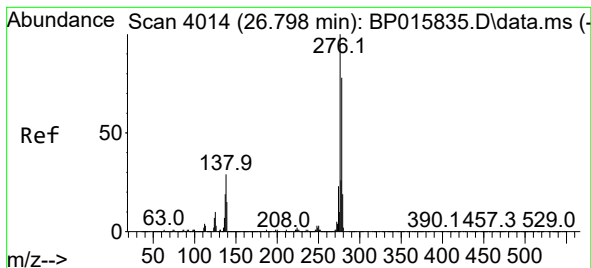
Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 15.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.899 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015840.D

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Instrument :

BNA_P

ClientSampleId :

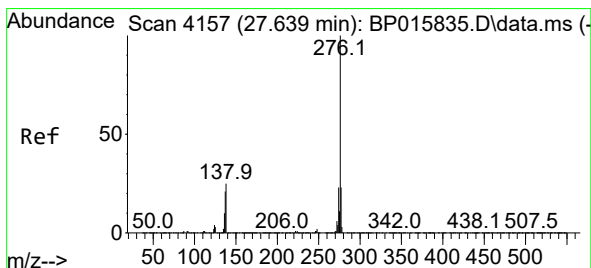
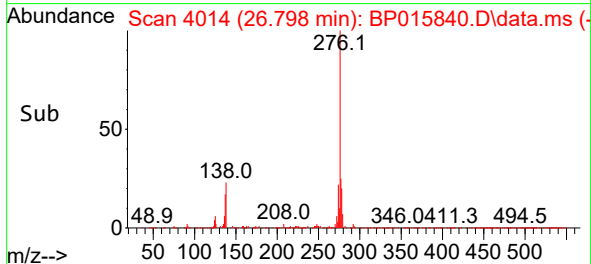
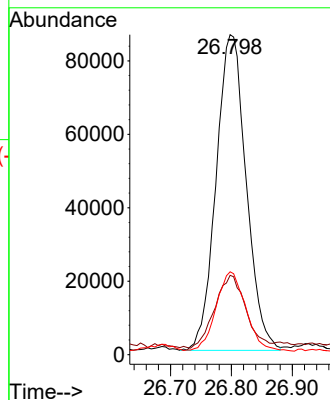
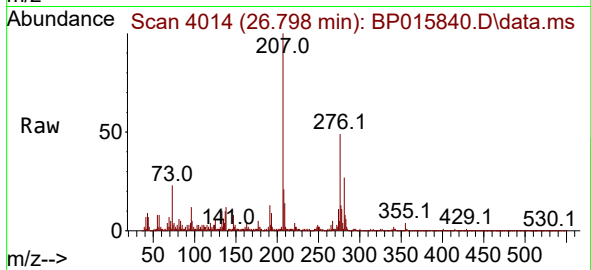
Tgt Ion:276 Resp: 294775

Ion Ratio Lower Upper

276 100

138 24.8 15.7 23.5#

277 25.9 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.072 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP015840.D

Acq: 30 Jun 2023 12:50

Tgt Ion:276 Resp: 256936

Ion Ratio Lower Upper

276 100

138 22.8 15.1 22.7#

277 23.3 18.8 28.2

