

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015817.D
 Acq On : 29 Jun 2023 19:12
 Operator : MA/JU
 Sample : 03143-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:28:30 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)

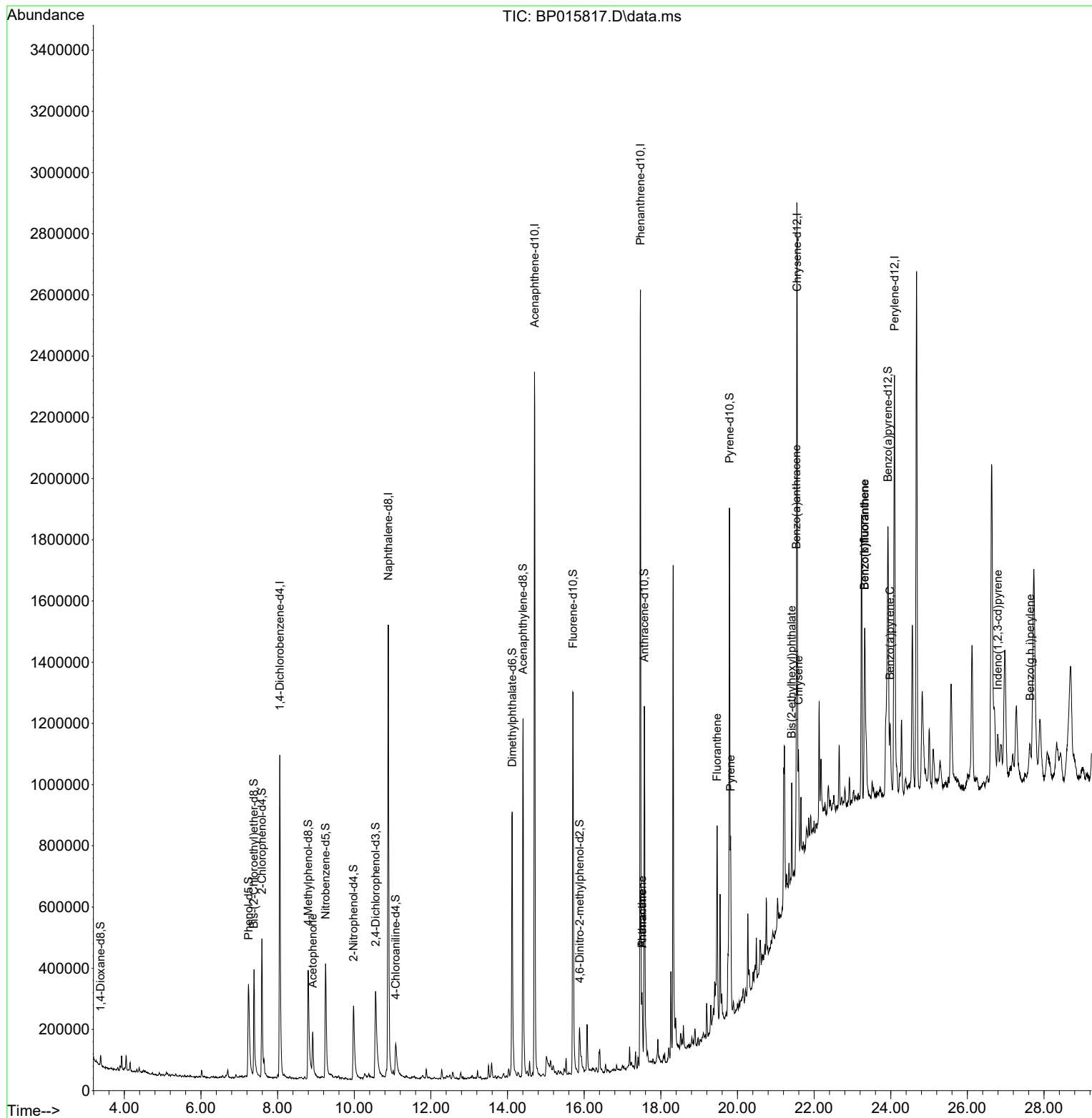
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	325435	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1380551	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	797188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1545011	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1033703	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1142445	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17287	1.911	ng/uL	0.00
4) Pyridine-d5	3.823	84	268	0.012	ng/ul	0.00
7) Phenol-d5	7.240	99	286565	10.292	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	203054	11.787	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	246300	11.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	222760	10.127	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	105681	10.017	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	117956	9.579	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	200548	9.139	ng/ul	0.04
31) 4-Chloroaniline-d4	11.081	131	127038	4.507	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	690686	11.209	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	787962	11.376	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	98	0.012	ng/ul	0.00
60) Fluorene-d10	15.710	176	575969	11.353	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	47711	5.021	ng/ul	0.02
73) Anthracene-d10	17.569	188	792386	11.228	ng/ul	0.00
81) Pyrene-d10	19.792	212	843389	12.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	679300	11.787	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	97243	2.689	ng/ul	98
72) Phenanthrene	17.510	178	109462	1.304	ng/ul	98
74) Anthracene	17.510	178	110349	1.308	ng/ul	99
80) Fluoranthene	19.469	202	357930	4.267	ng/ul#	92
82) Pyrene	19.822	202	312201	3.648	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	169906	2.337	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	100251	2.090	ng/ul	99
87) Chrysene	21.592	228	227951	3.304	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	338430	4.610	ng/ul#	93
91) Benzo(k)fluoranthene	23.316	252	338430	4.563	ng/ul#	93
93) Benzo(a)pyrene	23.986	252	181351	2.827	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.792	276	172078	1.976	ng/ul	95
96) Benzo(g,h,i)perylene	27.639	276	165416	2.309	ng/ul#	92

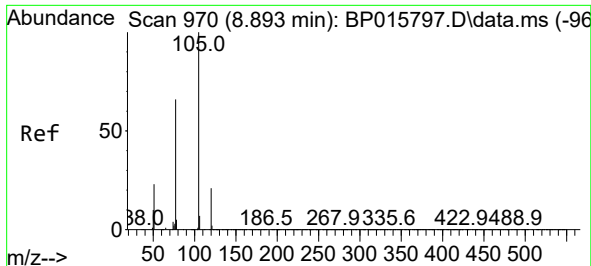
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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Quant Time: Jun 29 22:28:30 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
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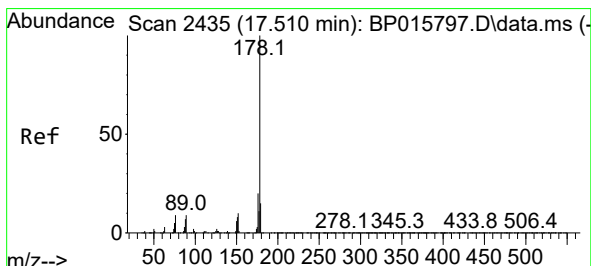
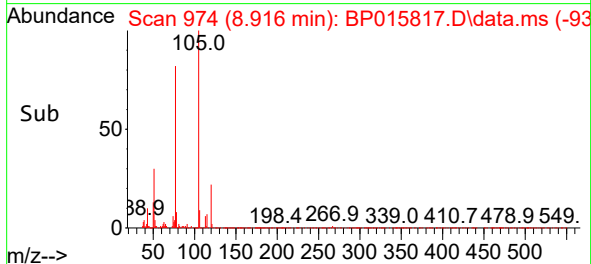
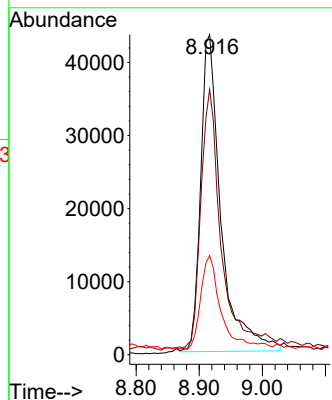
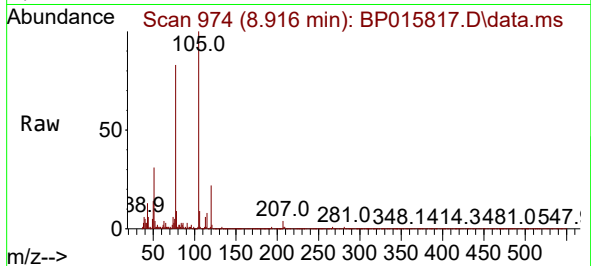




#16
Acetophenone
Concen: 2.689 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015817.D
Acq: 29 Jun 2023 19:12

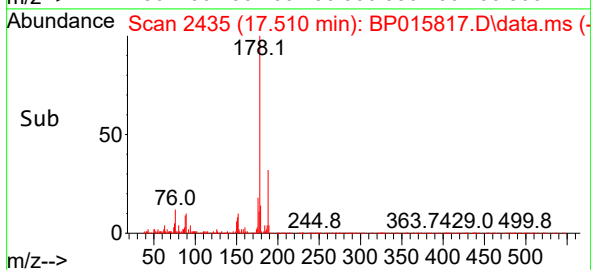
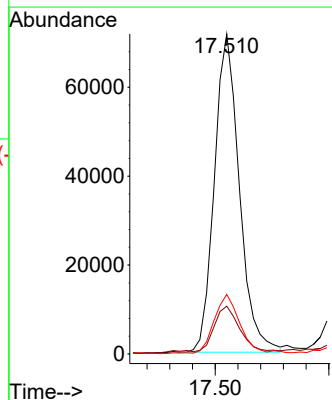
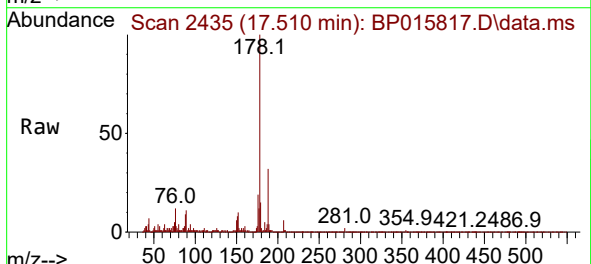
Instrument :
BNA_P
ClientSampleId :

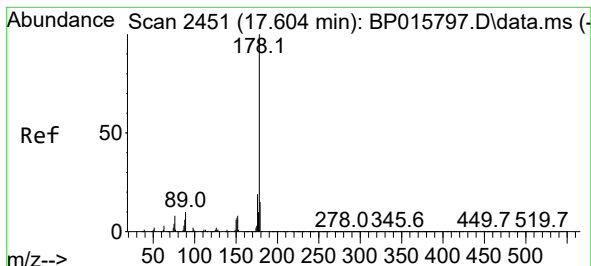
Tgt Ion:105 Resp: 97243
Ion Ratio Lower Upper
105 100
77 82.9 65.0 97.4
51 30.9 25.1 37.7



#72
Phenanthrene
Concen: 1.304 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP015817.D
Acq: 29 Jun 2023 19:12

Tgt Ion:178 Resp: 109462
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.6 15.6 23.4





#74

Anthracene

Concen: 1.308 ng/ul

RT: 17.510 min Scan# 2451

Delta R.T. -0.094 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

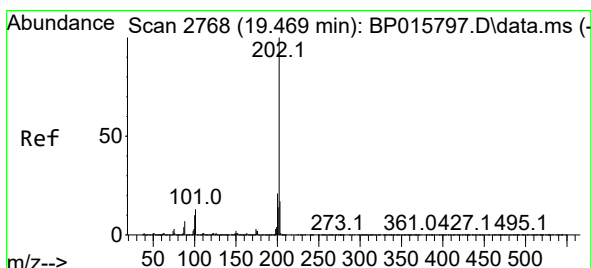
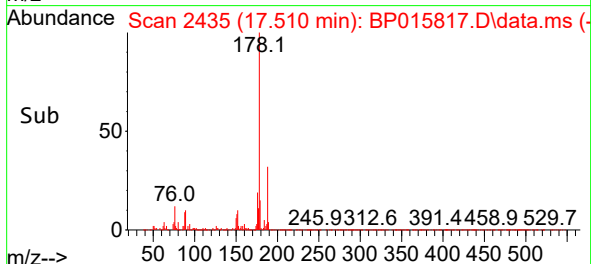
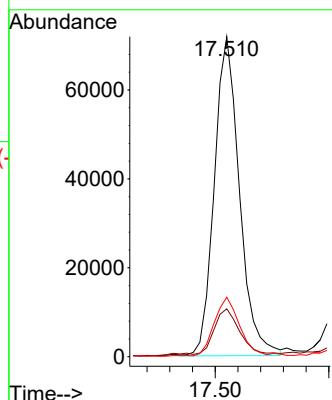
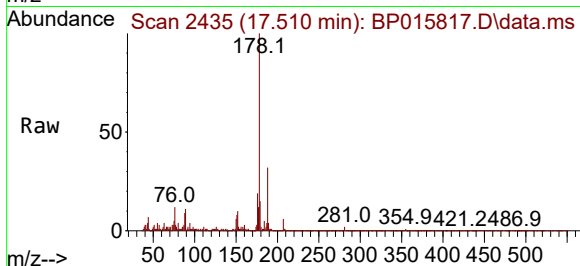
Tgt Ion:178 Resp: 110349

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 18.6 14.6 22.0



#80

Fluoranthene

Concen: 4.267 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

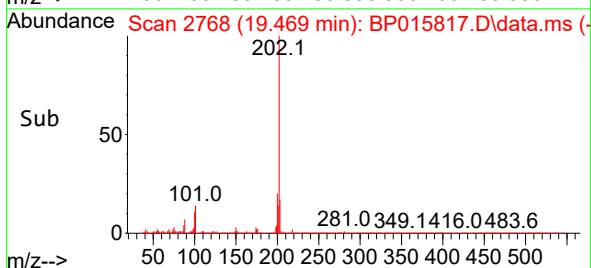
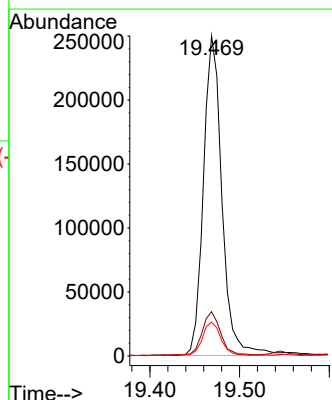
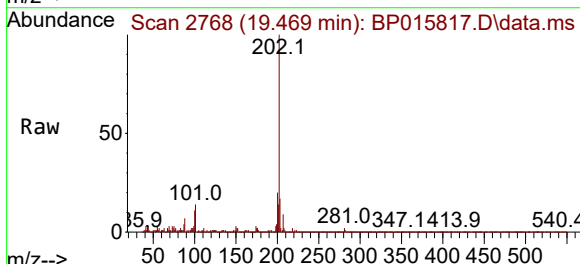
Tgt Ion:202 Resp: 357930

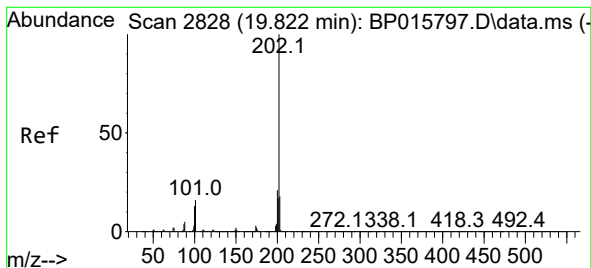
Ion Ratio Lower Upper

202 100

101 13.9 8.3 12.5#

100 10.6 6.6 9.8#





#82

Pyrene

Concen: 3.648 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015817.D

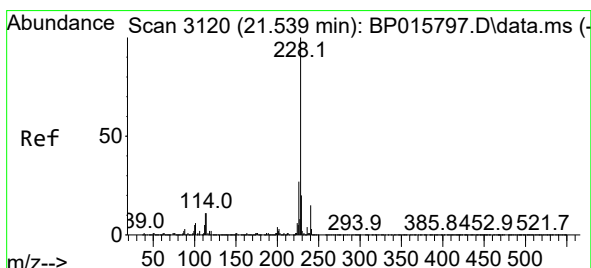
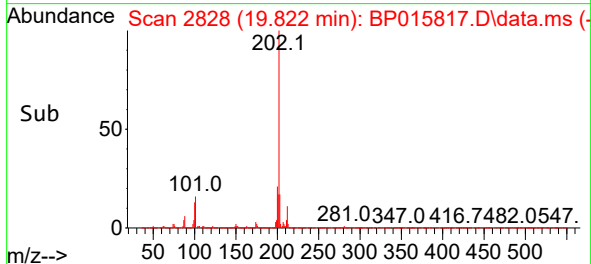
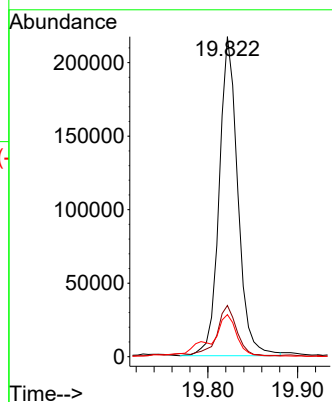
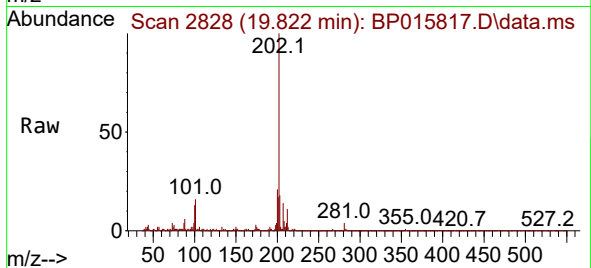
Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	202	Resp:	312201
Ion Ratio	Lower	Upper	
202	100		
101	16.0	9.3	13.9#
100	13.2	7.6	11.4#



#85

Benzo(a)anthracene

Concen: 2.337 ng/ul

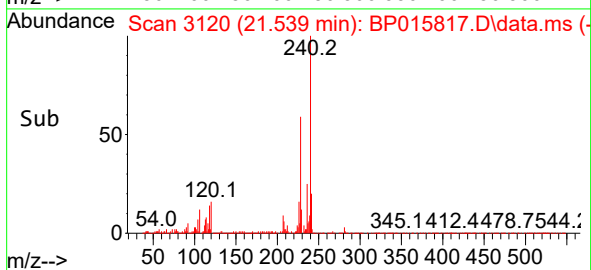
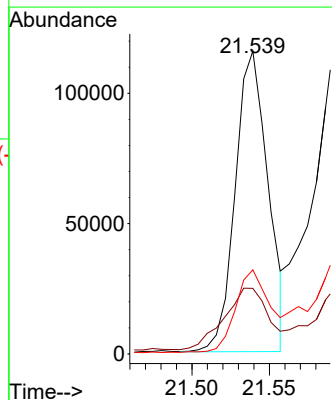
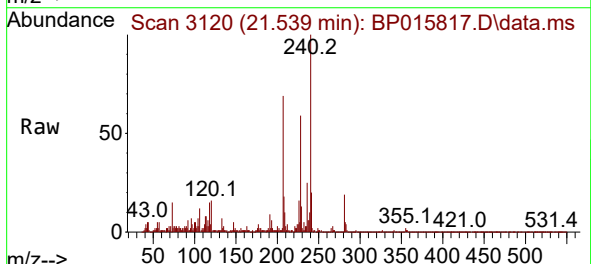
RT: 21.539 min Scan# 3120

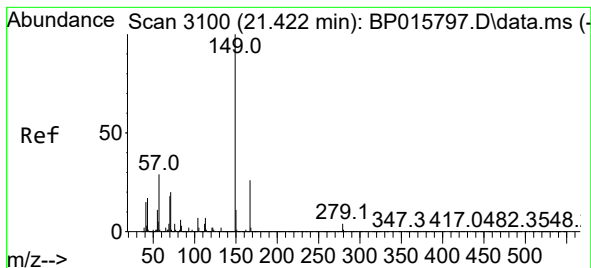
Delta R.T. 0.000 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Tgt Ion:	228	Resp:	169906
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.3	22.9
226	27.8	21.4	32.0

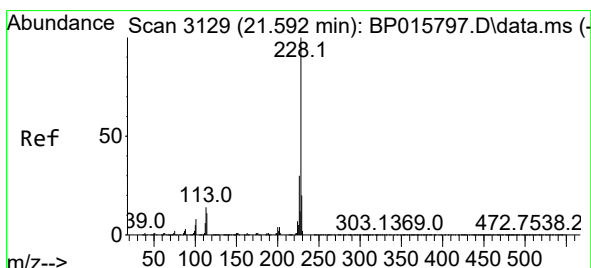
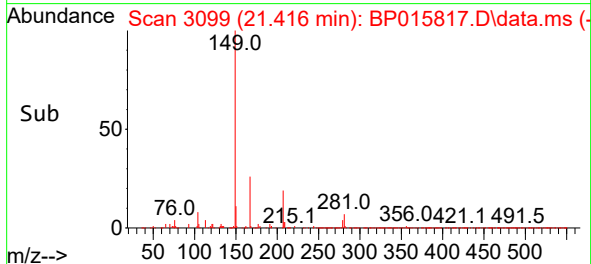
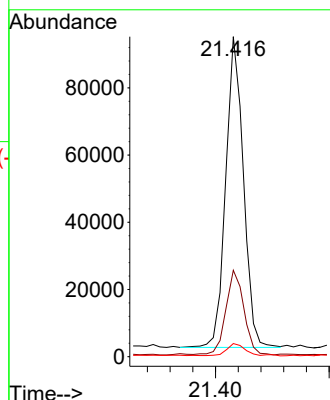
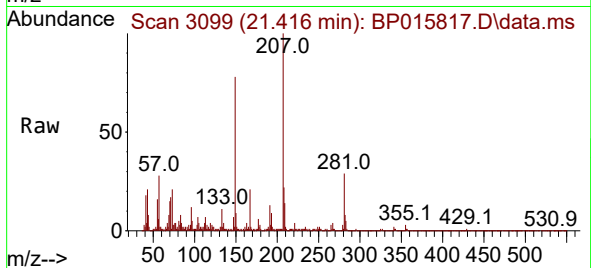




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.090 ng/ul
 RT: 21.416 min Scan# 3099
 Delta R.T. -0.006 min
 Lab File: BP015817.D
 Acq: 29 Jun 2023 19:12

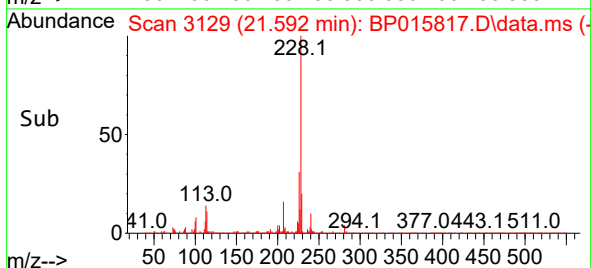
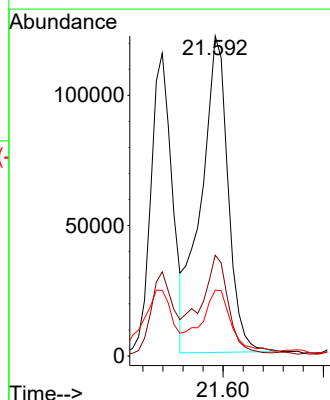
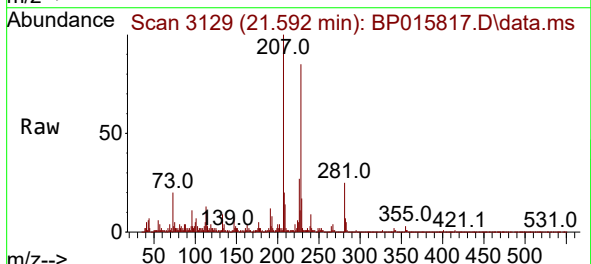
Instrument :
 BNA_P
 ClientSampleId :

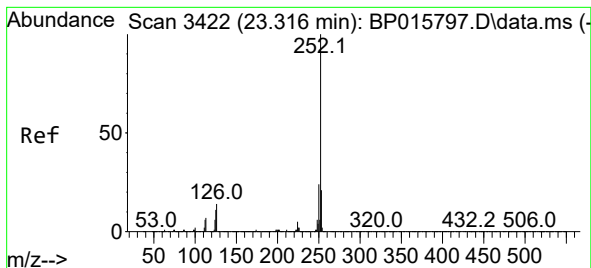
Tgt Ion:149 Resp: 100251
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.6
 279 4.1 3.8 5.6



#87
 Chrysene
 Concen: 3.304 ng/ul
 RT: 21.592 min Scan# 3129
 Delta R.T. -0.006 min
 Lab File: BP015817.D
 Acq: 29 Jun 2023 19:12

Tgt Ion:228 Resp: 227951
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.3 36.5
 229 20.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.610 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

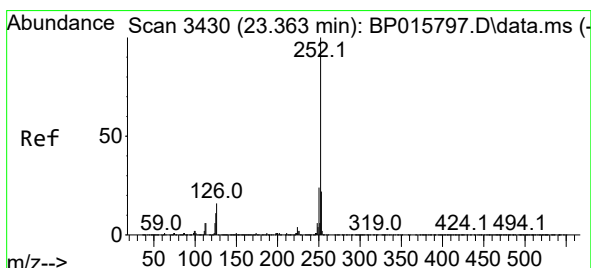
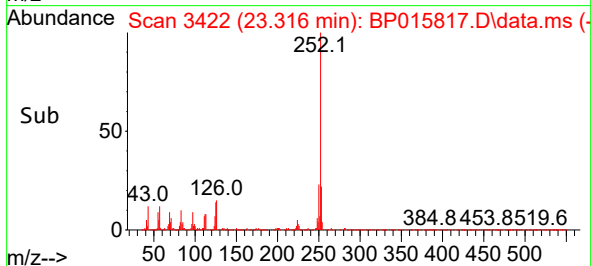
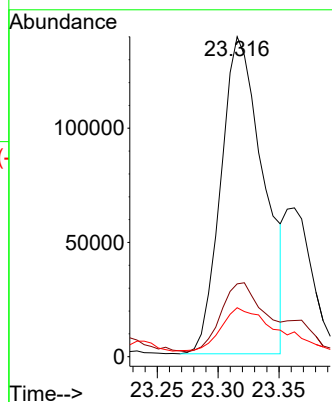
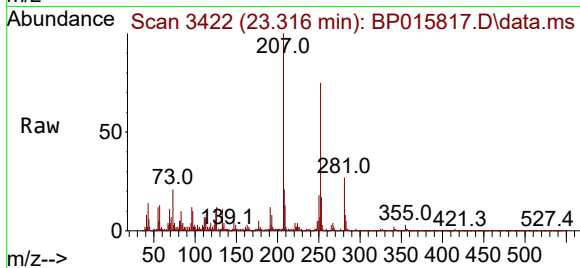
Tgt Ion:252 Resp: 338430

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 15.3 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 4.563 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.053 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

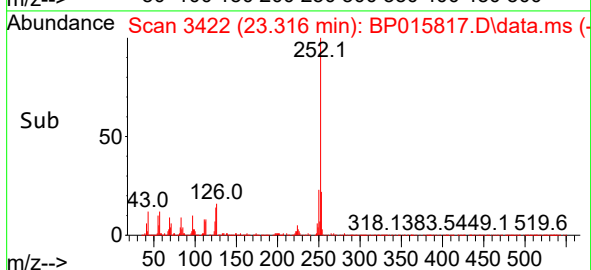
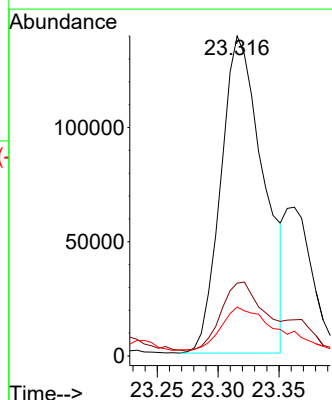
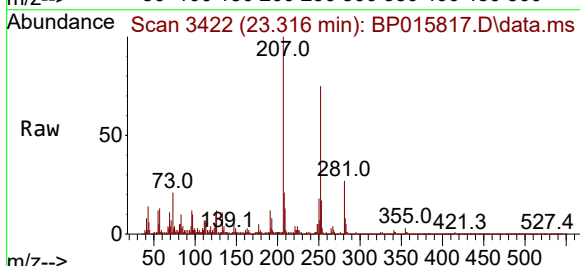
Tgt Ion:252 Resp: 338430

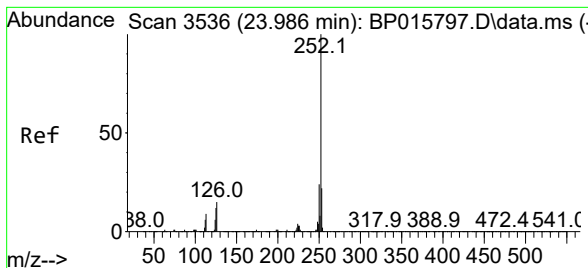
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 15.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.827 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

Instrument :

BNA_P

ClientSampleId :

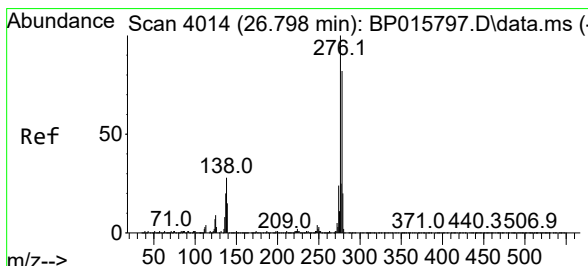
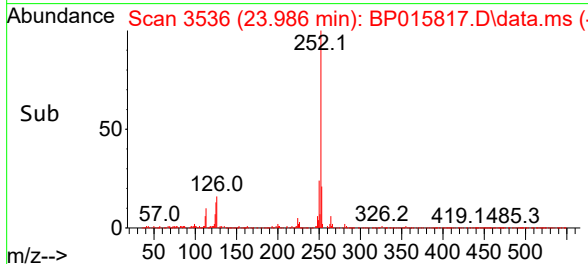
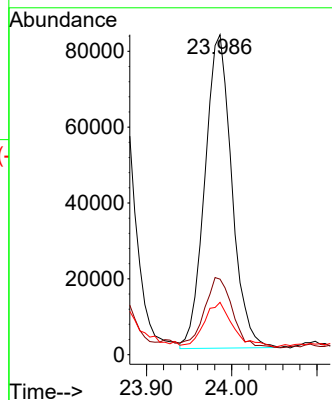
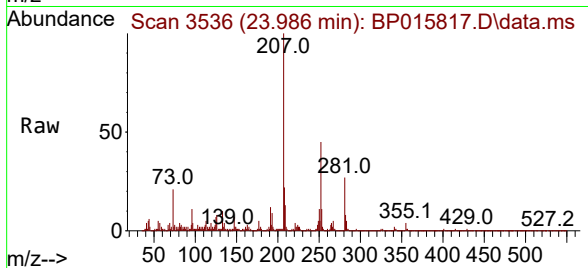
Tgt Ion:252 Resp: 181351

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 16.3 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.976 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015817.D

Acq: 29 Jun 2023 19:12

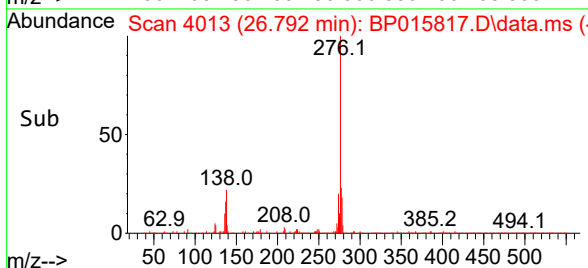
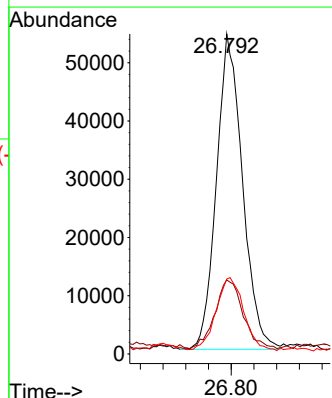
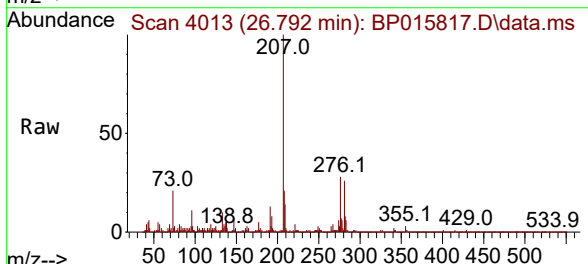
Tgt Ion:276 Resp: 172078

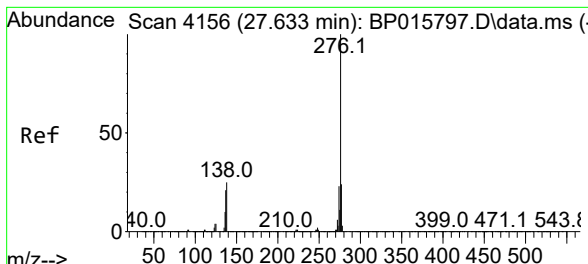
Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

277 23.4 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.309 ng/ul
 RT: 27.639 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP015817.D
 Acq: 29 Jun 2023 19:12

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	276	Resp:	165416
Ion Ratio	Lower	Upper	
276	100		
138	24.6	15.1	22.7#
277	25.3	18.8	28.2

