

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
 Acq On : 29 Jun 2023 13:31
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV4

Quant Time: Jun 29 22:26:23 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)

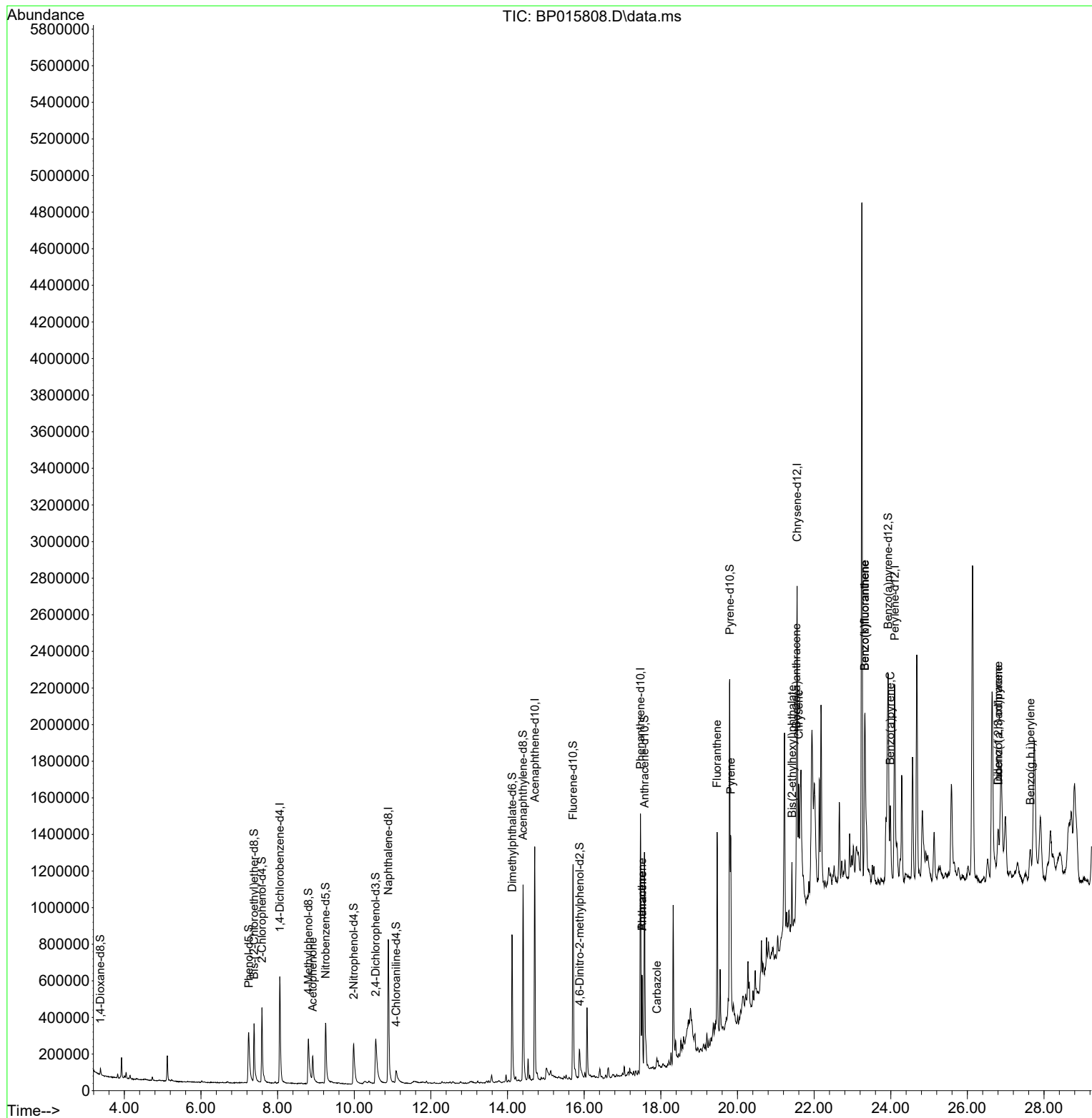
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	188369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	791623	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	436961	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	867563	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	724450	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	835523	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	16137	3.082	ng/uL	0.00
4) Pyridine-d5	3.834	84	189	0.014	ng/ul	0.01
7) Phenol-d5	7.246	99	263901	16.374	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	183400	18.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	221513	18.207	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	168433	13.229	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	103541	17.115	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	113054	16.011	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	180385	14.336	ng/ul	0.04
31) 4-Chloroaniline-d4	11.093	131	71022	4.394	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	649496	19.231	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	730900	19.251	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	57	0.013	ng/ul	0.00
60) Fluorene-d10	15.710	176	531488	19.112	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	52489	9.838	ng/ul	0.02
73) Anthracene-d10	17.575	188	737001	18.598	ng/ul	0.00
81) Pyrene-d10	19.798	212	881469	18.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	833244	19.770	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	100530	4.803	ng/ul	98
72) Phenanthrene	17.510	178	315365	6.691	ng/ul	99
74) Anthracene	17.510	178	315392	6.660	ng/ul	98
77) Carbazole	17.898	167	40152	1.006	ng/ul#	97
80) Fluoranthene	19.469	202	644624	10.965	ng/ul#	91
82) Pyrene	19.828	202	526722	8.783	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	298341	5.854	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.422	149	111775	3.324	ng/ul	100
87) Chrysene	21.598	228	333139	6.890	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252	523346	9.748	ng/ul#	93
91) Benzo(k)fluoranthene	23.321	252	523346	9.648	ng/ul#	92
93) Benzo(a)pyrene	23.992	252	342241	7.296	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.804	276	287616	4.516	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.804	278	73547	1.406	ng/ul#	71
96) Benzo(g,h,i)perylene	27.645	276	243562	4.649	ng/ul#	93

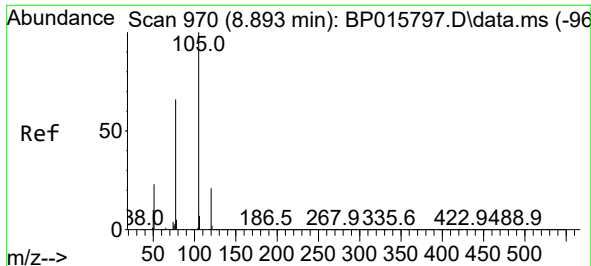
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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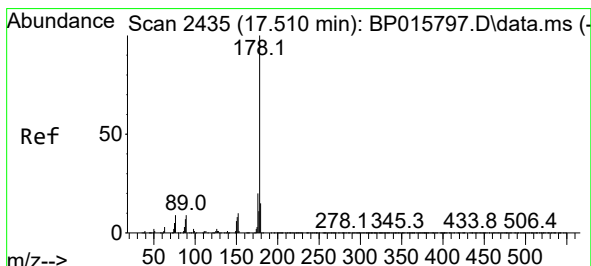
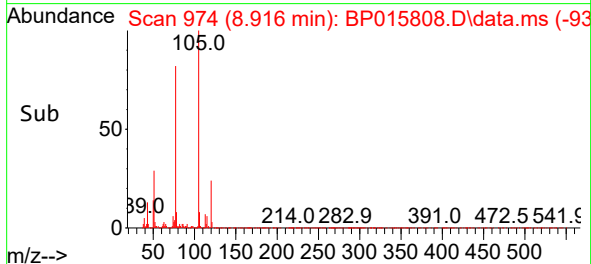
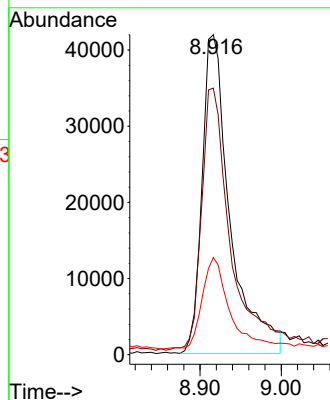
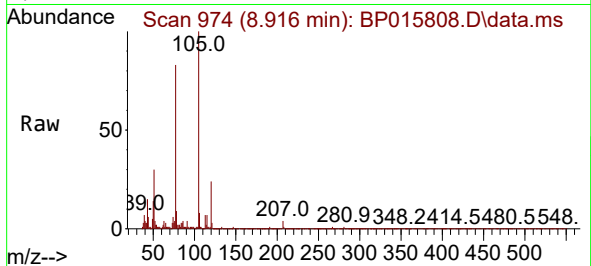




#16
Acetophenone
Concen: 4.803 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

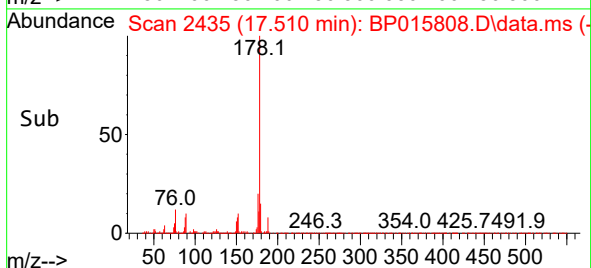
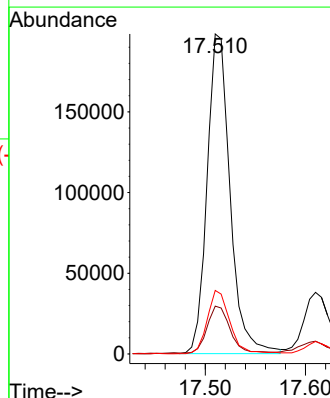
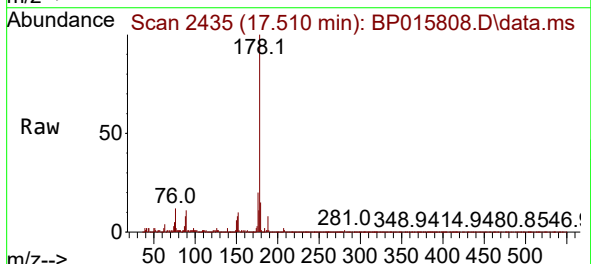
Instrument :
BNA_P
ClientSampleId :
DCFV4

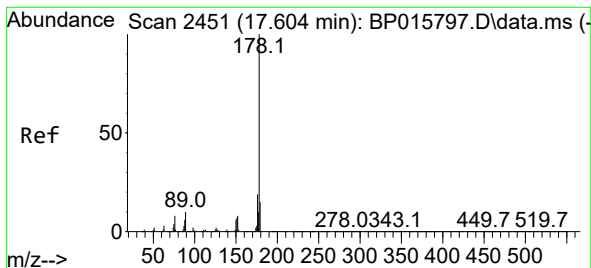
Tgt Ion:105 Resp: 100530
Ion Ratio Lower Upper
105 100
77 83.3 65.0 97.4
51 30.4 25.1 37.7



#72
Phenanthrene
Concen: 6.691 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

Tgt Ion:178 Resp: 315365
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.9 15.6 23.4





#74

Anthracene

Concen: 6.660 ng/ul

RT: 17.510 min Scan# 2451

Delta R.T. -0.094 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4

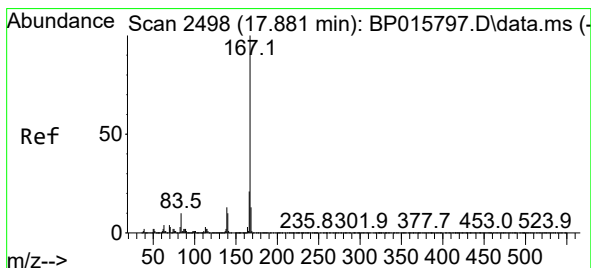
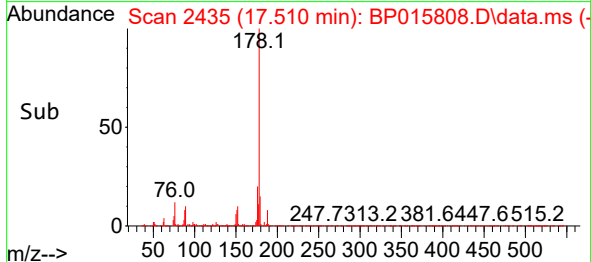
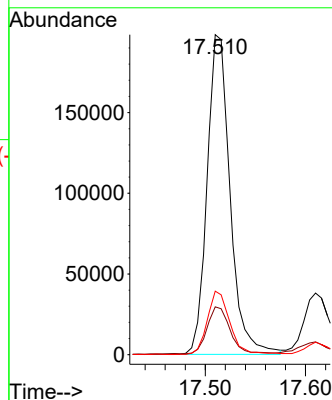
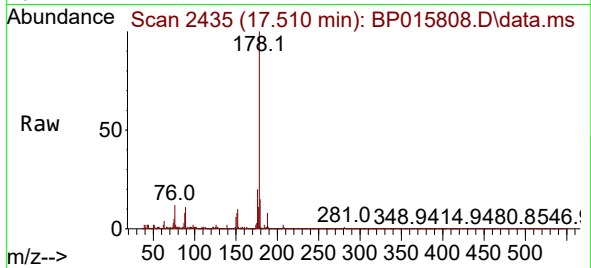
Tgt Ion:178 Resp: 315392

Ion Ratio Lower Upper

178 100

179 14.9 12.1 18.1

176 19.9 14.6 22.0



#77

Carbazole

Concen: 1.006 ng/ul

RT: 17.898 min Scan# 2501

Delta R.T. 0.018 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

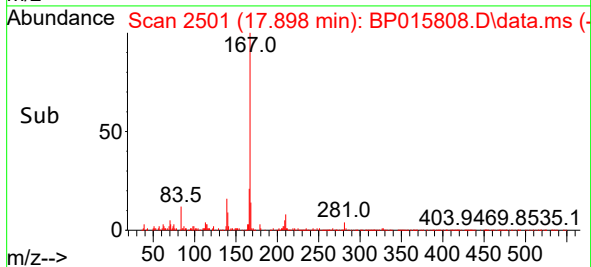
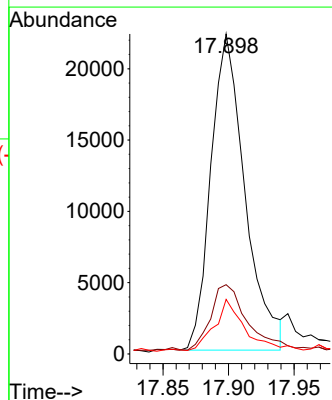
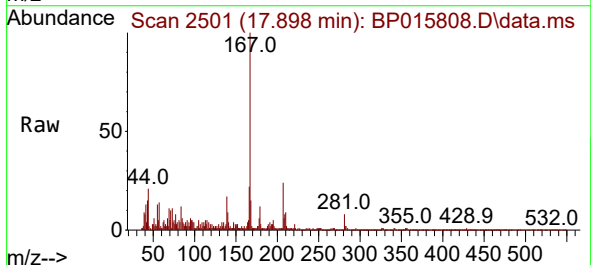
Tgt Ion:167 Resp: 40152

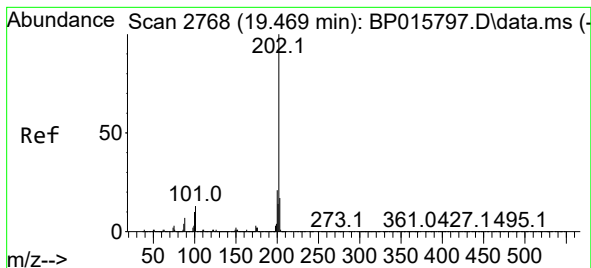
Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 17.1 11.0 16.4#





#80

Fluoranthene

Concen: 10.965 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4

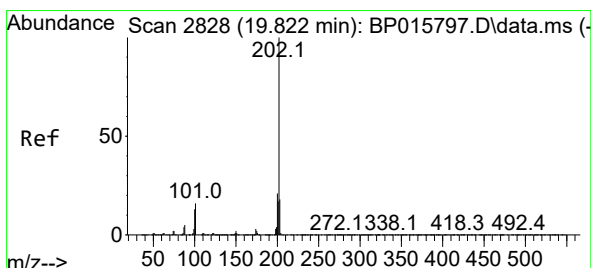
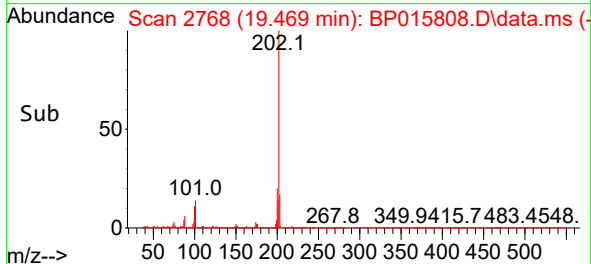
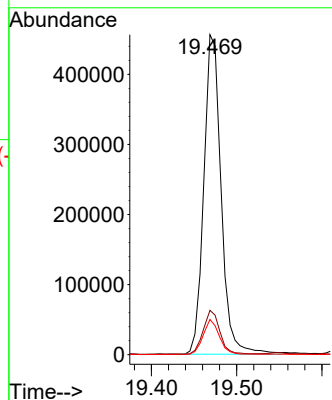
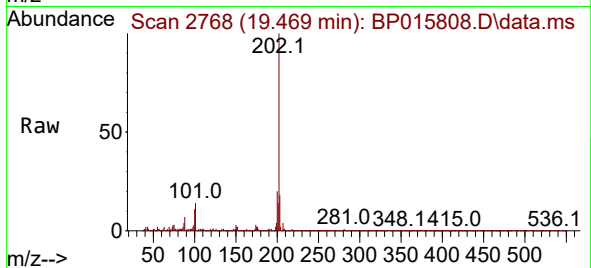
Tgt Ion:202 Resp: 644624

Ion Ratio Lower Upper

202 100

101 13.8 8.3 12.5#

100 11.0 6.6 9.8#



#82

Pyrene

Concen: 8.783 ng/ul

RT: 19.828 min Scan# 2829

Delta R.T. -0.000 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

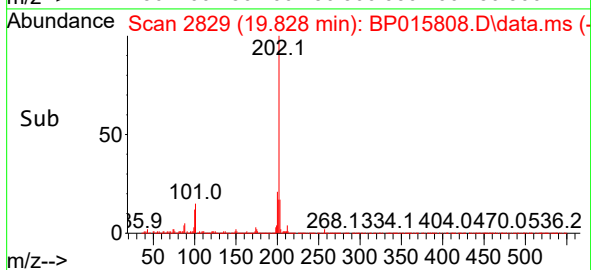
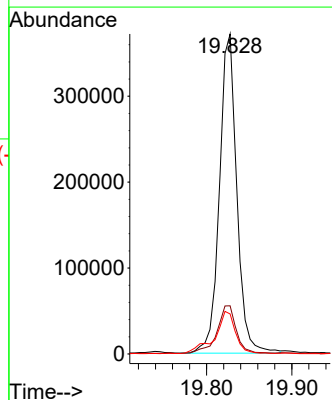
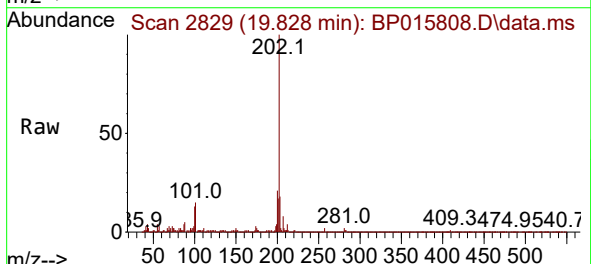
Tgt Ion:202 Resp: 526722

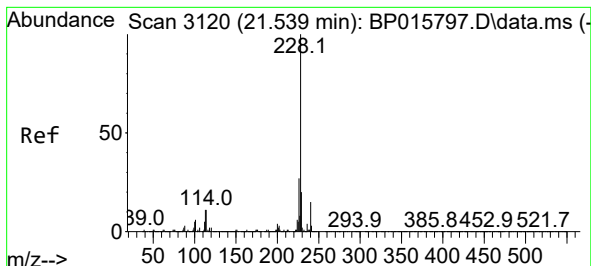
Ion Ratio Lower Upper

202 100

101 15.0 9.3 13.9#

100 12.5 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.854 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4

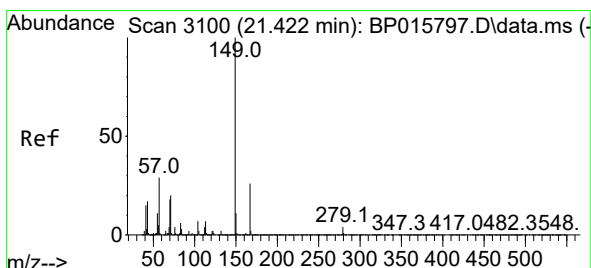
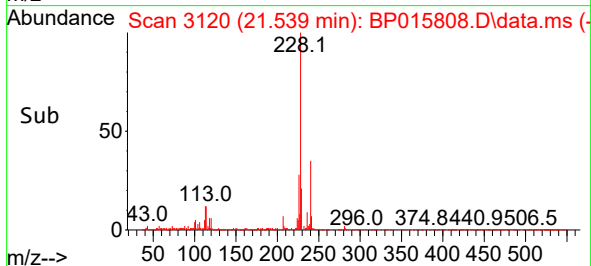
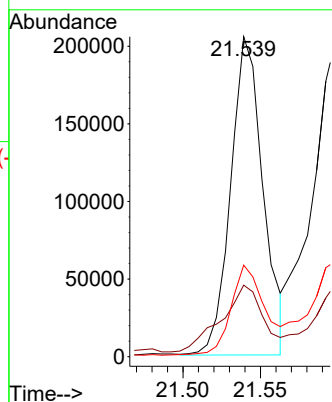
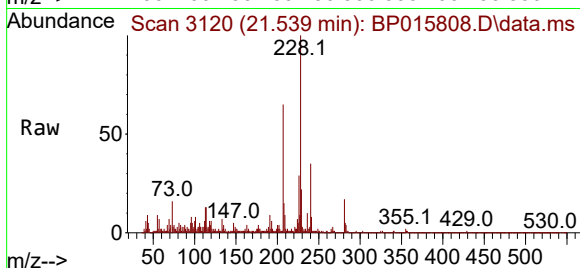
Tgt Ion:228 Resp: 298341

Ion Ratio Lower Upper

228 100

229 22.3 15.3 22.9

226 28.6 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.324 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

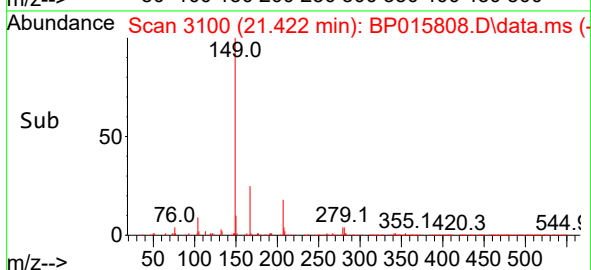
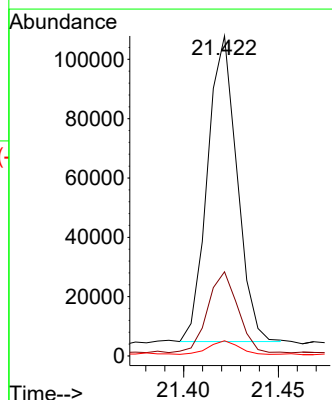
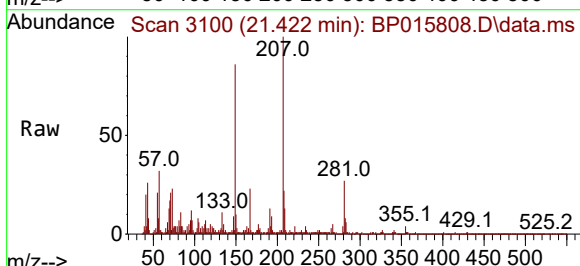
Tgt Ion:149 Resp: 111775

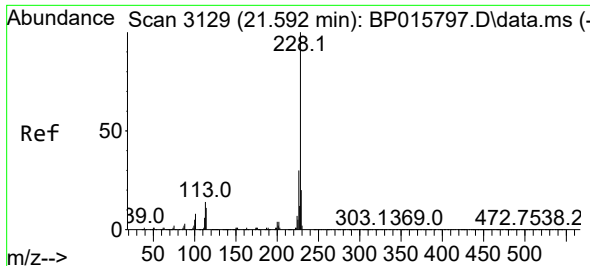
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 4.7 3.8 5.6

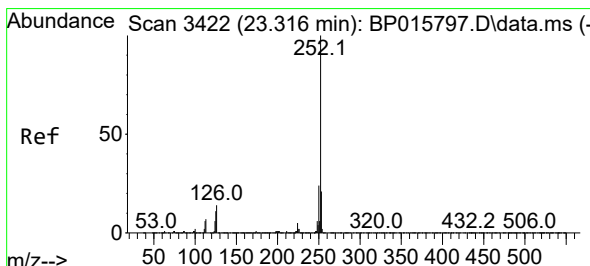
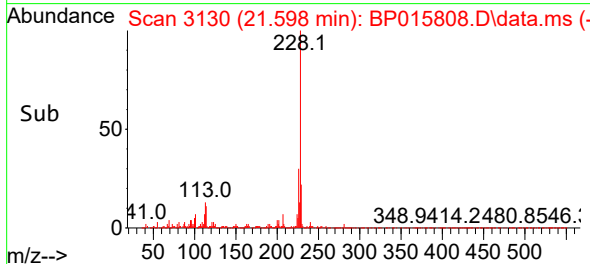
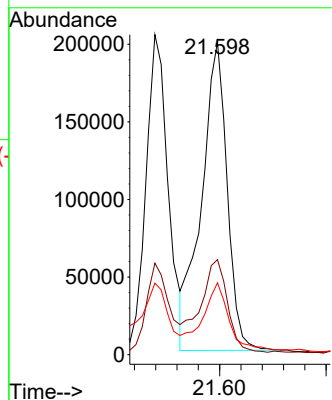
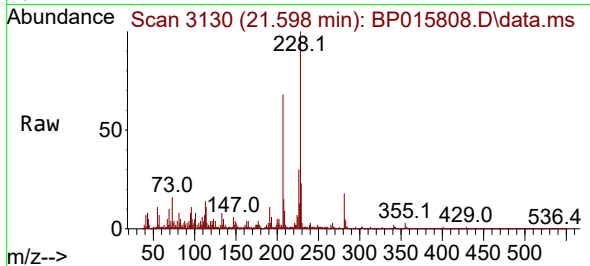




#87
Chrysene
Concen: 6.890 ng/ul
RT: 21.598 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

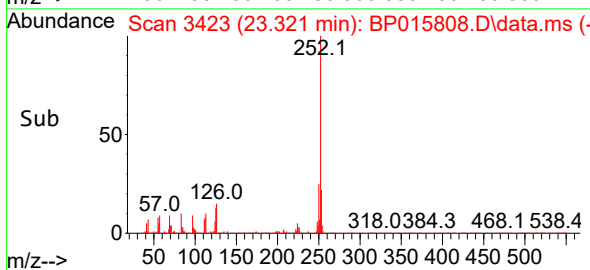
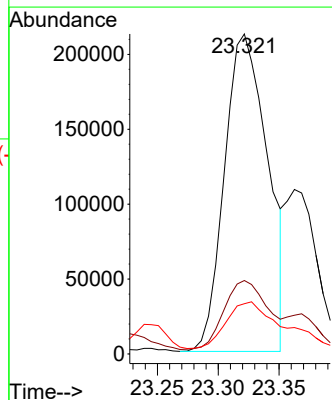
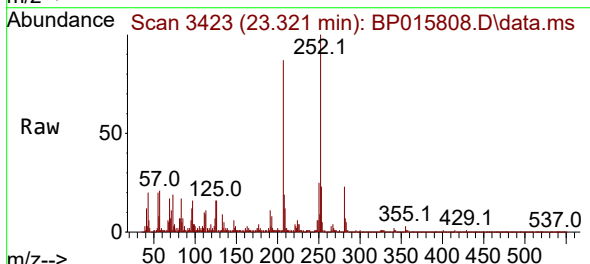
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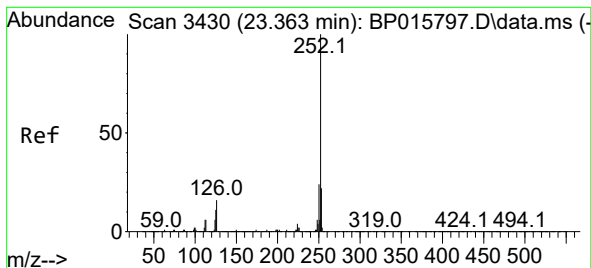
Tgt Ion:228 Resp: 333139
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 23.0 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 9.748 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. 0.006 min
Lab File: BP015808.D
Acq: 29 Jun 2023 13:31

Tgt Ion:252 Resp: 523346
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 15.7 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 9.648 ng/ul

RT: 23.321 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4

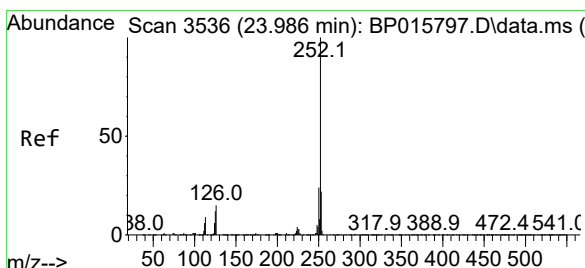
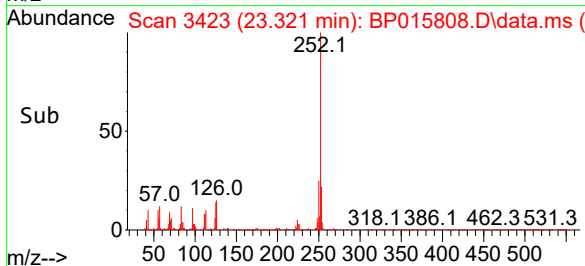
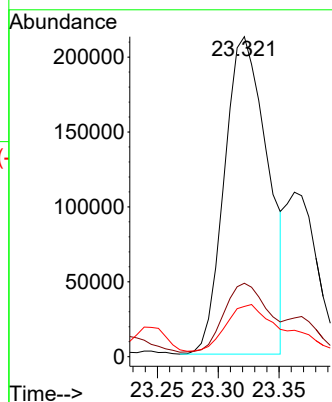
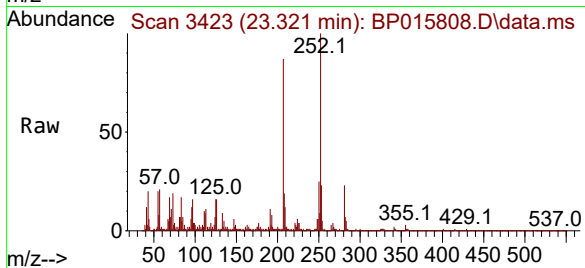
Tgt Ion:252 Resp: 523346

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 15.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 7.296 ng/ul

RT: 23.992 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

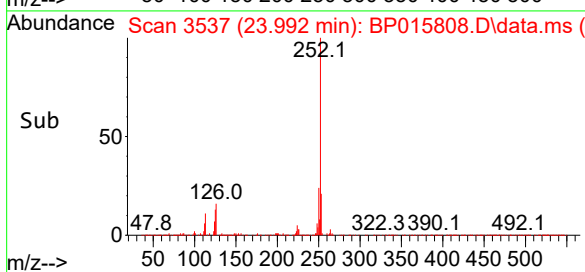
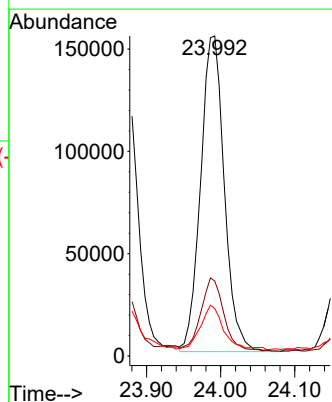
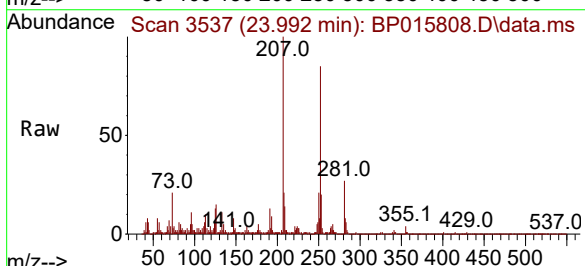
Tgt Ion:252 Resp: 342241

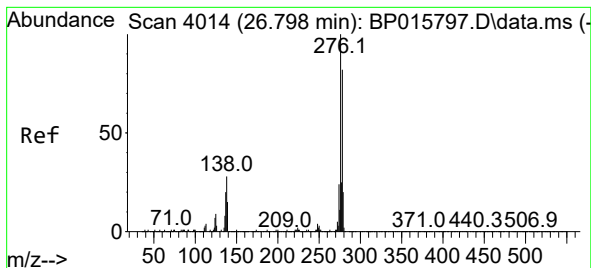
Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 14.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.516 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4

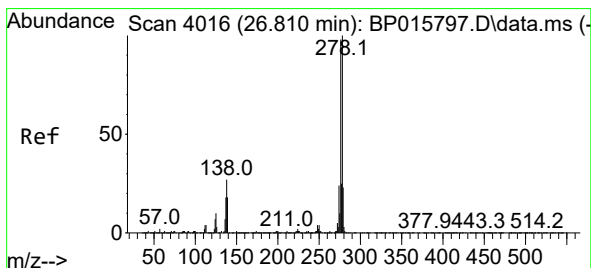
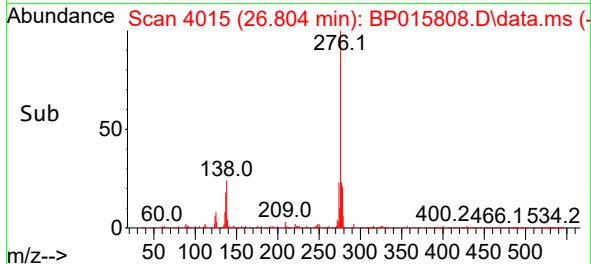
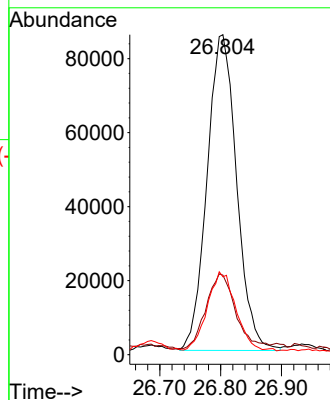
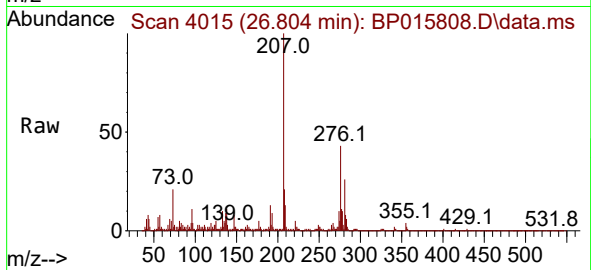
Tgt Ion:276 Resp: 287616

Ion Ratio Lower Upper

276 100

138 24.9 15.7 23.5#

277 24.3 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.406 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP015808.D

Acq: 29 Jun 2023 13:31

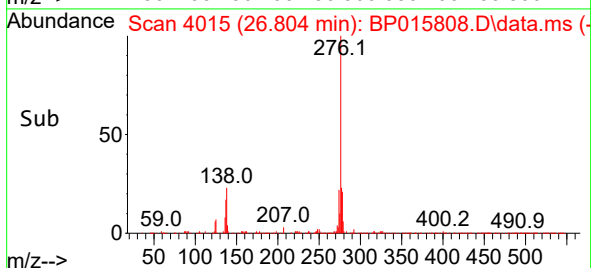
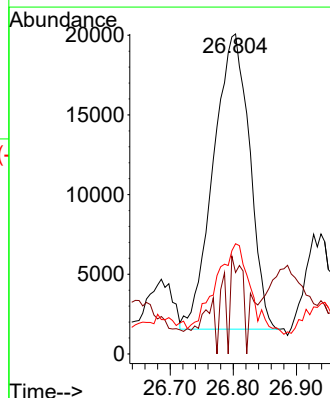
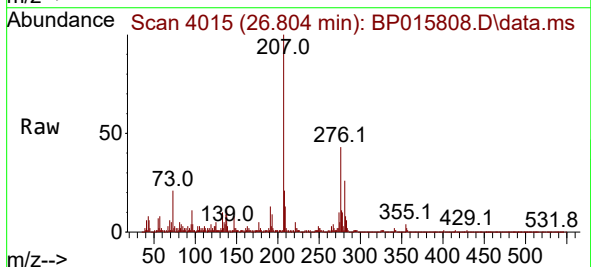
Tgt Ion:278 Resp: 73547

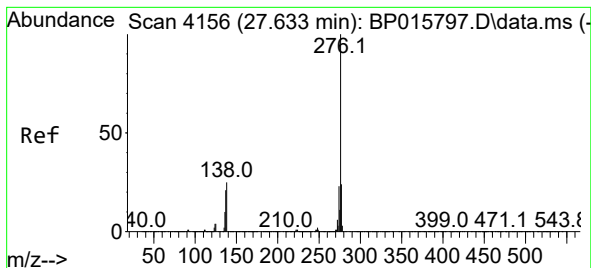
Ion Ratio Lower Upper

278 100

139 28.6 10.5 15.7#

279 34.4 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 4.649 ng/ul

RT: 27.645 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP015808.D

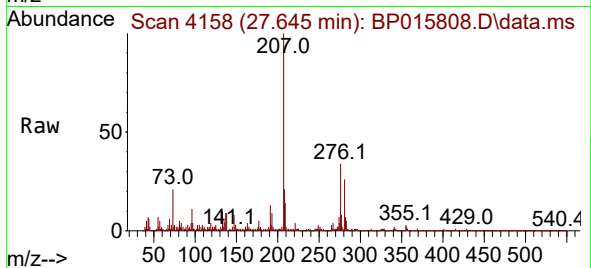
Acq: 29 Jun 2023 13:31

Instrument :

BNA_P

ClientSampleId :

DCFV4



Tgt Ion:276 Resp: 243562

Ion Ratio Lower Upper

276 100

138 25.3 15.1 22.7#

277 24.4 18.8 28.2

