

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015982.D
 Acq On : 04 Jul 2023 18:32
 Operator : MA/JU
 Sample : 03245-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH5

Quant Time: Jul 04 21:58:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

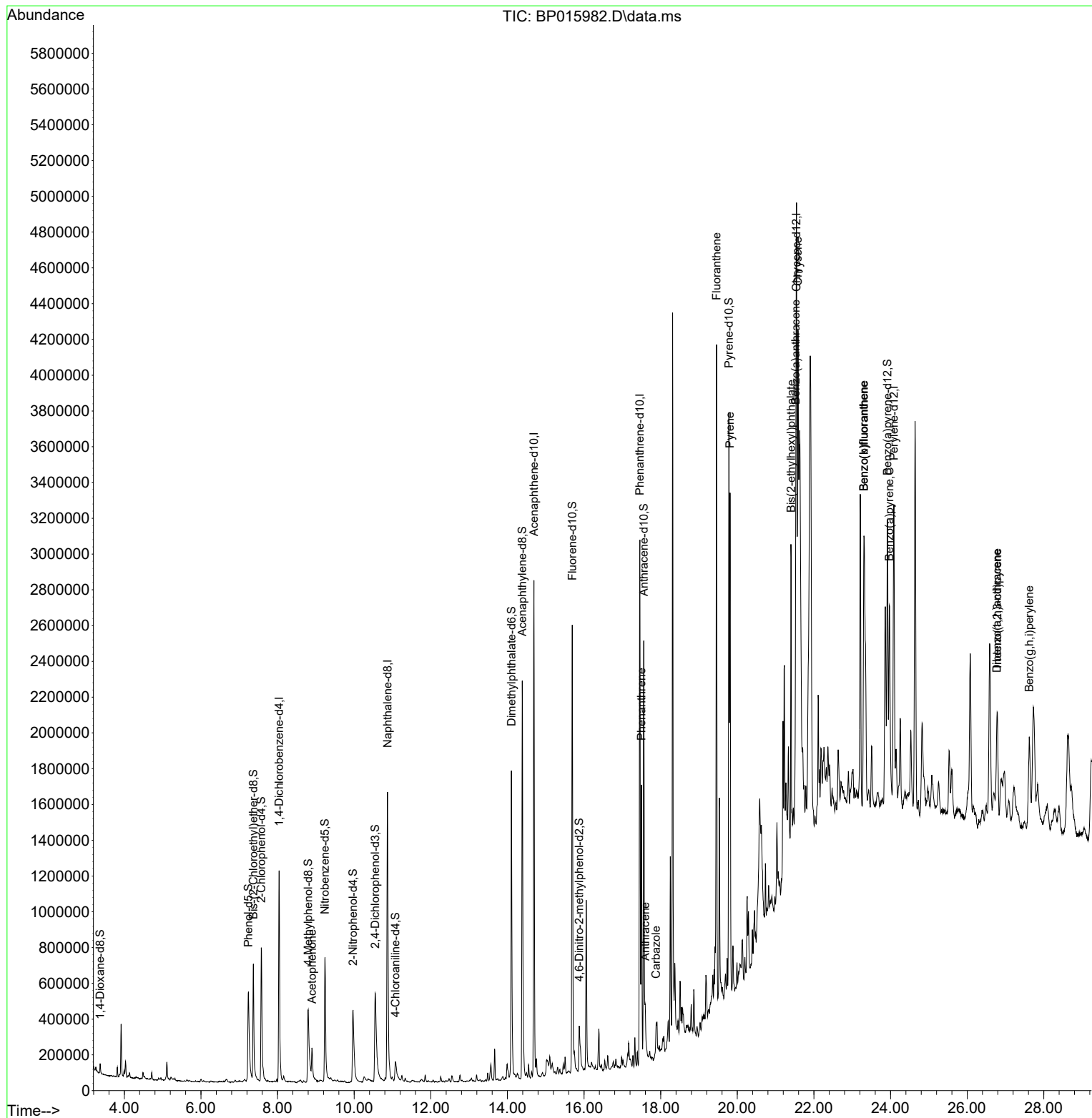
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	356910	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1569716	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	932863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1822603	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1181859	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	1380542	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	24822	2.502	ng/uL	0.00
4) Pyridine-d5	3.799	84	405	0.016	ng/ul	-0.02
7) Phenol-d5	7.240	99	453439	14.848	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	348735	18.458	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	392928	17.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	292180	12.111	ng/ul	0.02
21) Nitrobenzene-d5	9.234	128	200863	16.744	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	208977	14.926	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	351324	14.081	ng/ul	0.04
31) 4-Chloroaniline-d4	11.075	131	119572	3.731	ng/ul	0.05
46) Dimethylphthalate-d6	14.104	166	1281167	17.769	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1452765	17.923	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	368	0.039	ng/ul	0.00
60) Fluorene-d10	15.692	176	1061977	17.888	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	77653	6.928	ng/ul	0.02
73) Anthracene-d10	17.557	188	1412196	16.963	ng/ul	0.00
81) Pyrene-d10	19.780	212	1425145	18.467	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1253510	18.000	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	108630	2.739	ng/ul	99
72) Phenanthrene	17.498	178	872308	8.810	ng/ul	99
74) Anthracene	17.598	178	173035	1.739	ng/ul	98
77) Carbazole	17.881	167	115503	1.377	ng/ul	98
80) Fluoranthene	19.457	202	2066422	21.545	ng/ul#	94
82) Pyrene	19.810	202	1625599	16.616	ng/ul#	91
85) Benzo(a)anthracene	21.527	228	769699	9.258	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	639684	11.662	ng/ul	98
87) Chrysene	21.580	228	924494	11.721	ng/ul	97
90) Benzo(b)fluoranthene	23.304	252	1430333	16.124	ng/ul#	96
91) Benzo(k)fluoranthene	23.304	252	1430333	15.959	ng/ul#	95
93) Benzo(a)pyrene	23.968	252	878070	11.328	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	737250	7.007	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.774	278	194325	2.248	ng/ul#	79
96) Benzo(g,h,i)perylene	27.621	276	697080	8.053	ng/ul#	95

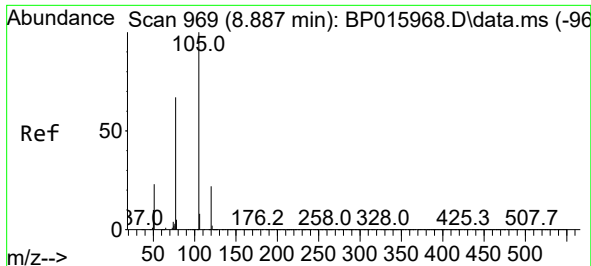
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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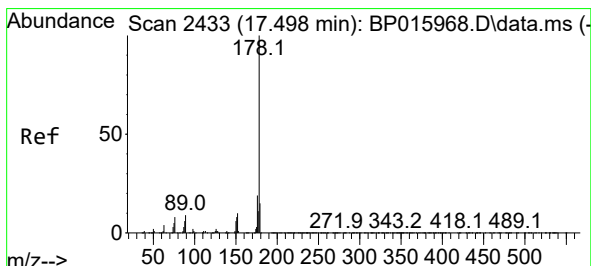
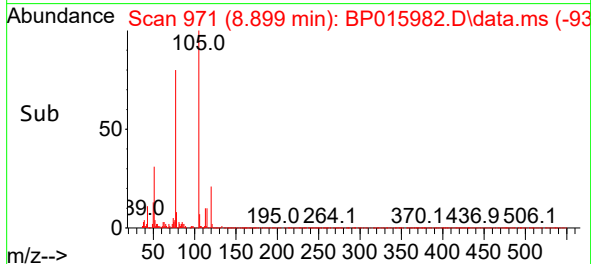
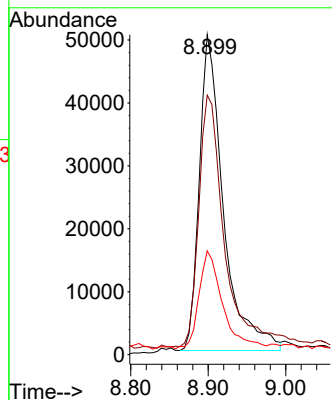
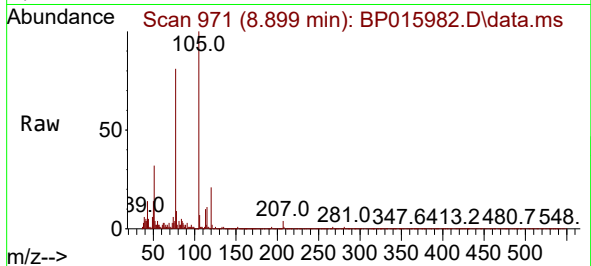




#16
Acetophenone
Concen: 2.739 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP015982.D
Acq: 04 Jul 2023 18:32

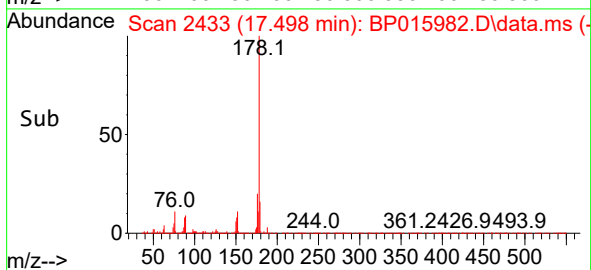
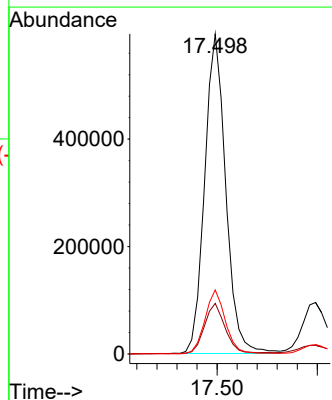
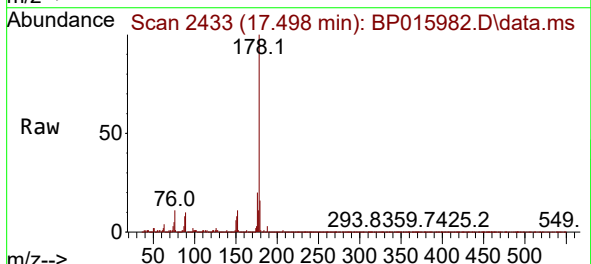
Instrument :
BNA_P
ClientSampleId :
DCGH5

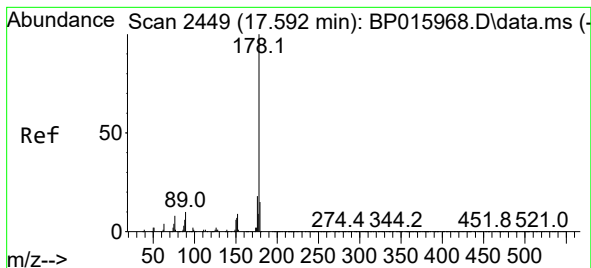
Tgt Ion:105 Resp: 108630
Ion Ratio Lower Upper
105 100
77 81.1 65.0 97.4
51 32.4 25.1 37.7



#72
Phenanthrene
Concen: 8.810 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015982.D
Acq: 04 Jul 2023 18:32

Tgt Ion:178 Resp: 872308
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.0 15.6 23.4





#74

Anthracene

Concen: 1.739 ng/ul

RT: 17.598 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

DCGH5

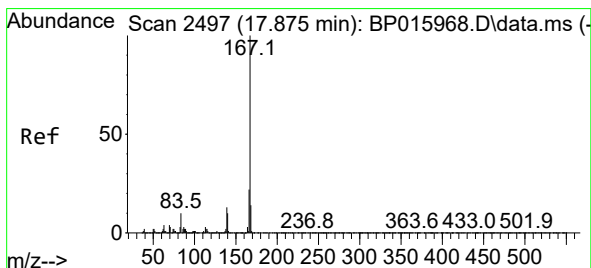
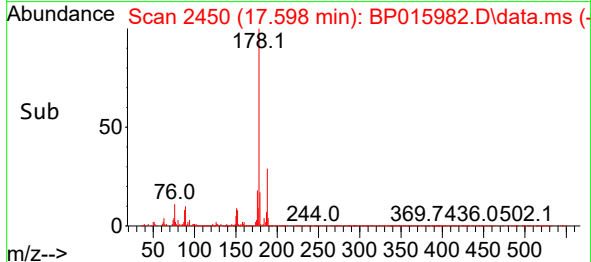
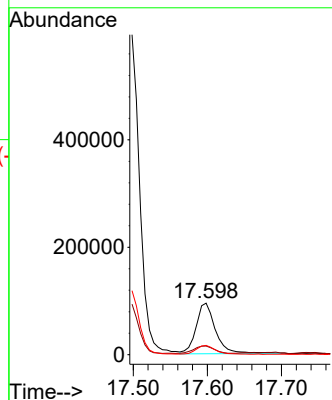
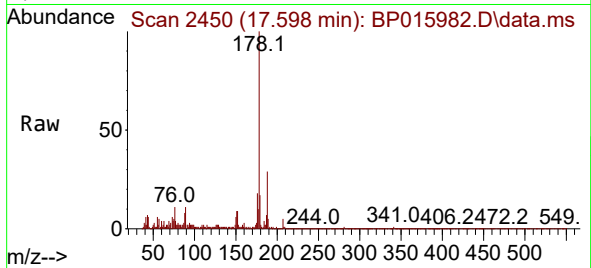
Tgt Ion:178 Resp: 173035

Ion Ratio Lower Upper

178 100

179 16.9 12.1 18.1

176 18.2 14.6 22.0



#77

Carbazole

Concen: 1.377 ng/ul

RT: 17.881 min Scan# 2498

Delta R.T. 0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

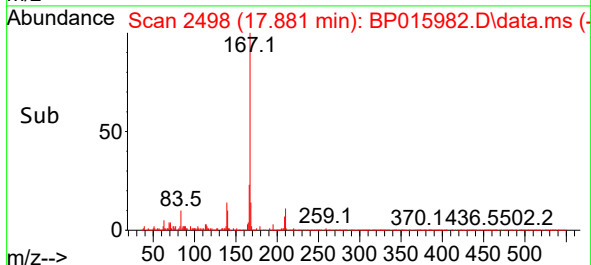
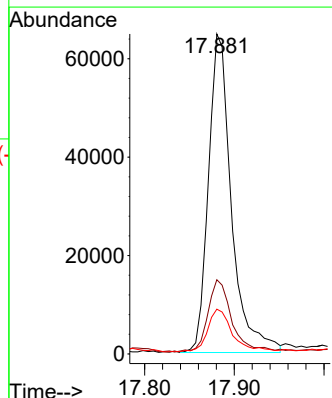
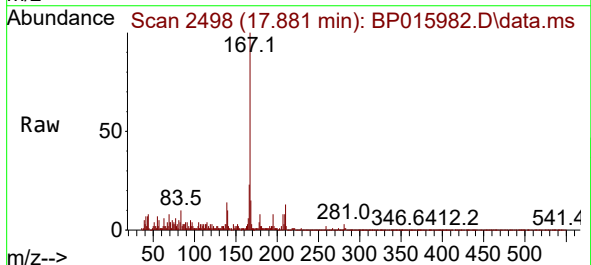
Tgt Ion:167 Resp: 115503

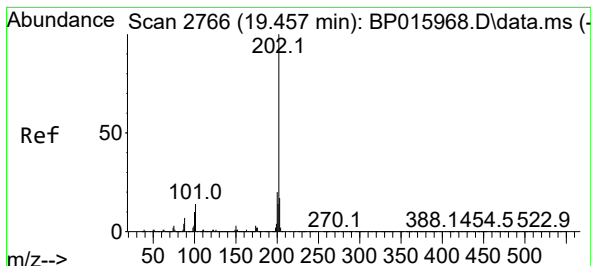
Ion Ratio Lower Upper

167 100

166 23.2 17.4 26.0

139 14.0 11.0 16.4





#80

Fluoranthene

Concen: 21.545 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

DCGH5

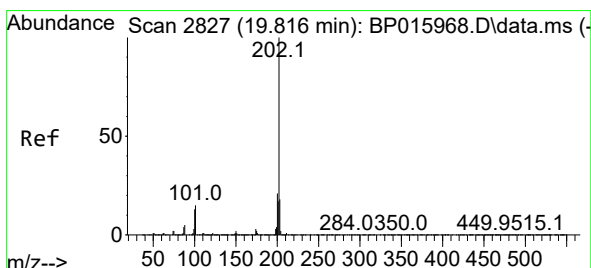
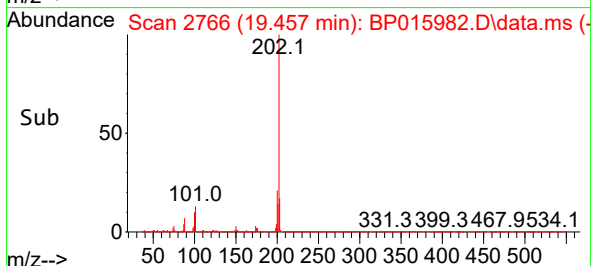
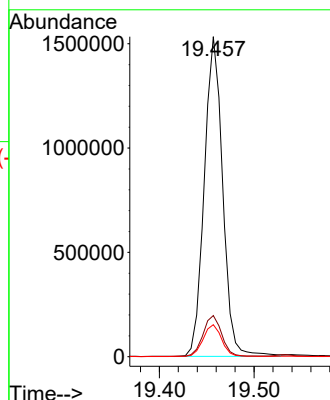
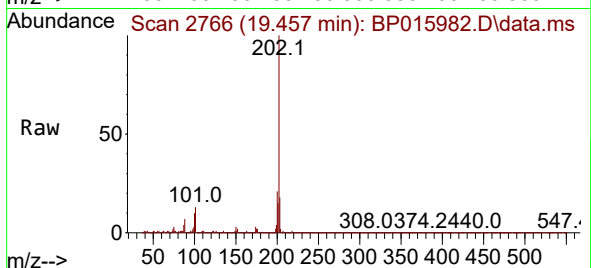
Tgt Ion:202 Resp: 2066422

Ion Ratio Lower Upper

202 100

101 12.9 8.3 12.5#

100 10.0 6.6 9.8#



#82

Pyrene

Concen: 16.616 ng/ul

RT: 19.810 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

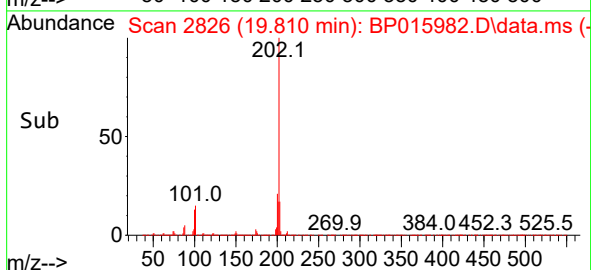
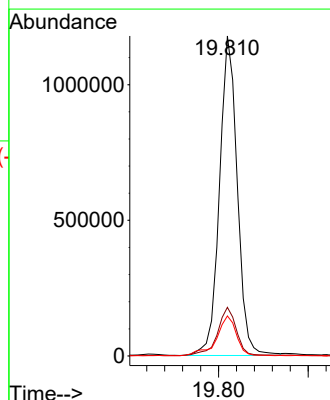
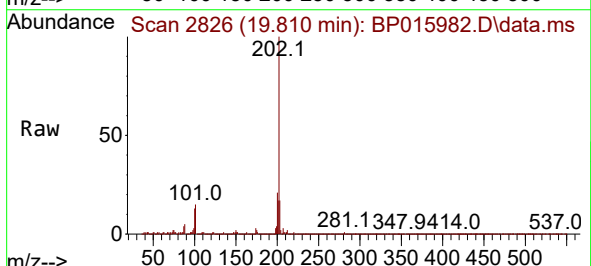
Tgt Ion:202 Resp: 1625599

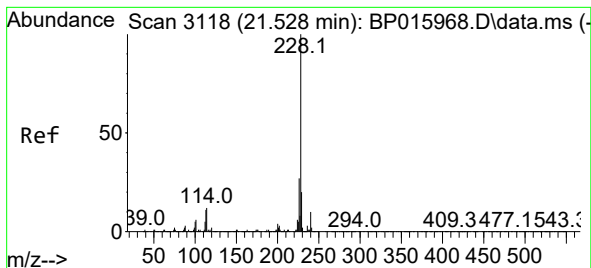
Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 12.5 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 9.258 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

DCGH5

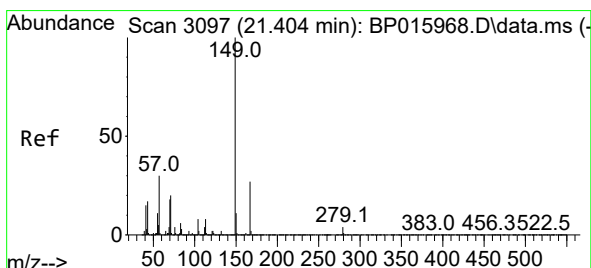
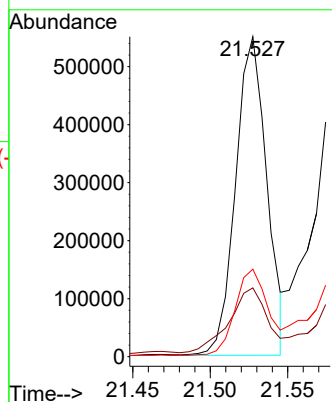
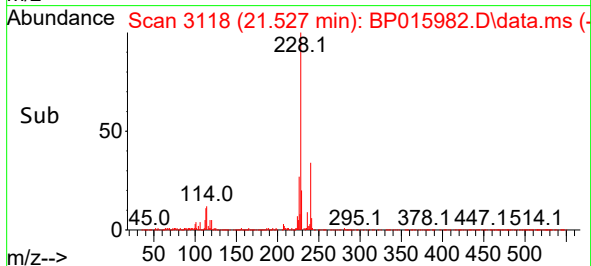
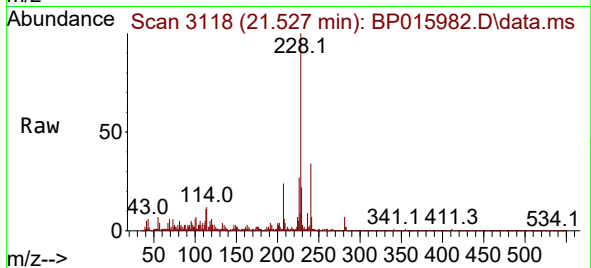
Tgt Ion:228 Resp: 769699

Ion Ratio Lower Upper

228 100

229 21.5 15.3 22.9

226 27.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 11.662 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

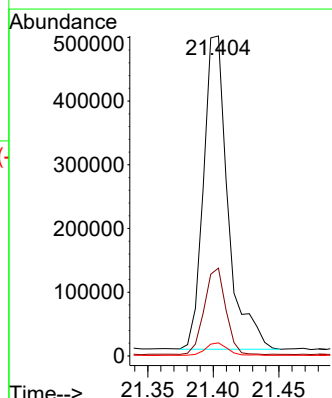
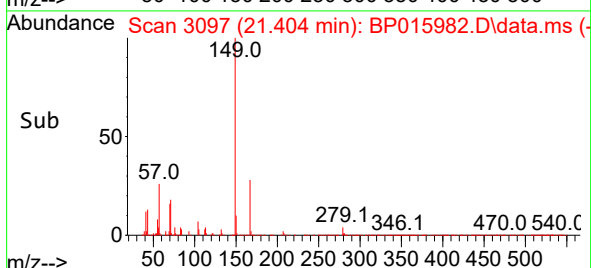
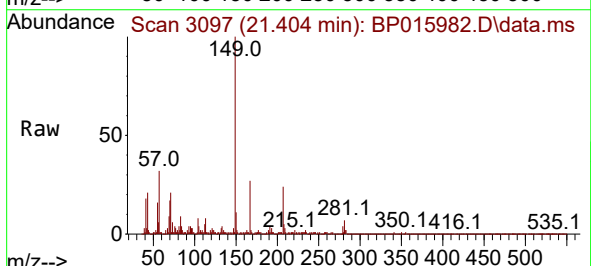
Tgt Ion:149 Resp: 639684

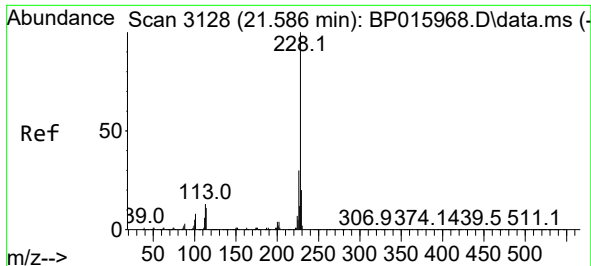
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.1 3.8 5.6





#87

Chrysene

Concen: 11.721 ng/ul

RT: 21.580 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

DCGH5

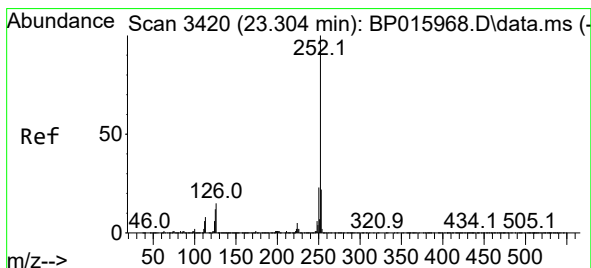
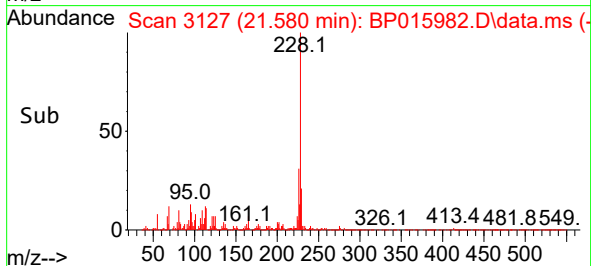
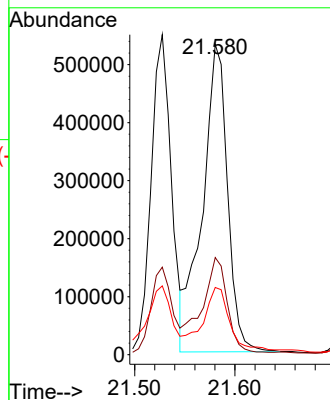
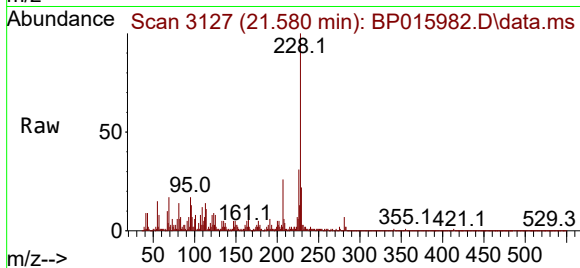
Tgt Ion:228 Resp: 924494

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 16.124 ng/ul

RT: 23.304 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

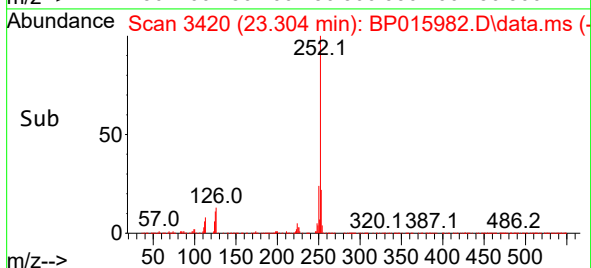
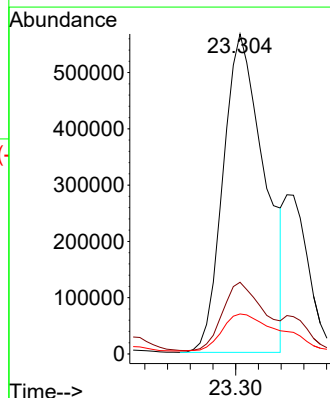
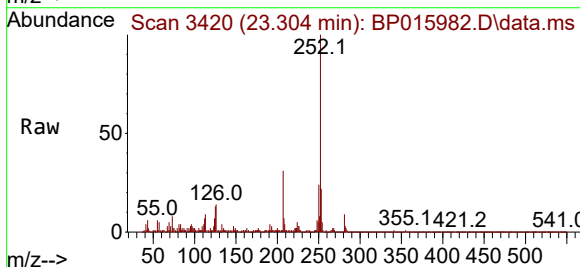
Tgt Ion:252 Resp: 1430333

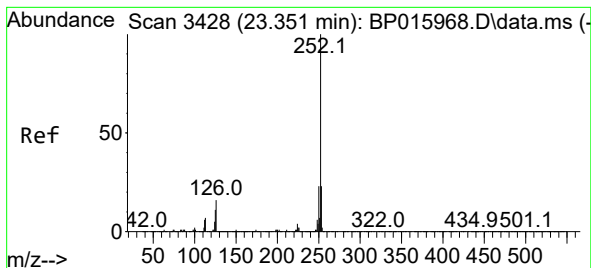
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 12.5 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 15.959 ng/ul

RT: 23.304 min Scan# 3428

Delta R.T. -0.053 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

DCGH5

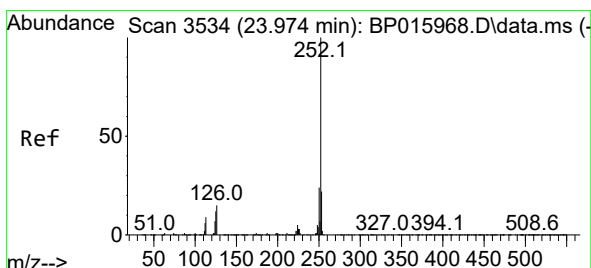
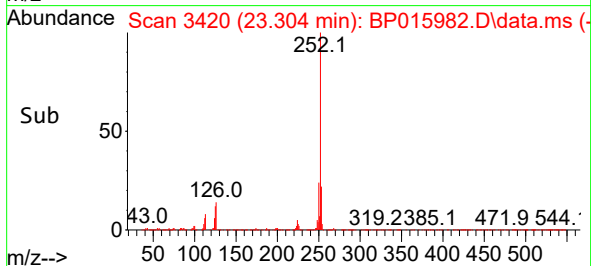
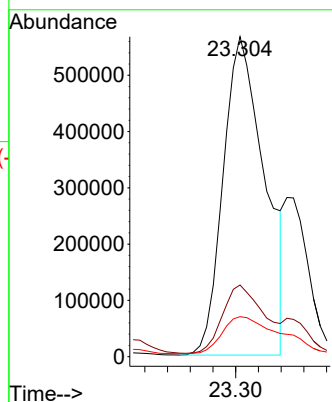
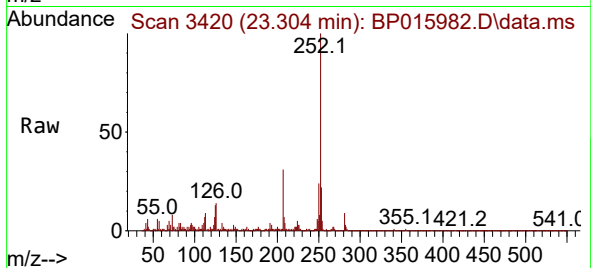
Tgt Ion:252 Resp: 1430333

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 12.5 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 11.328 ng/ul

RT: 23.968 min Scan# 3533

Delta R.T. -0.011 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

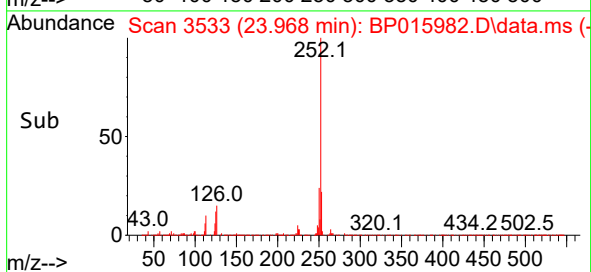
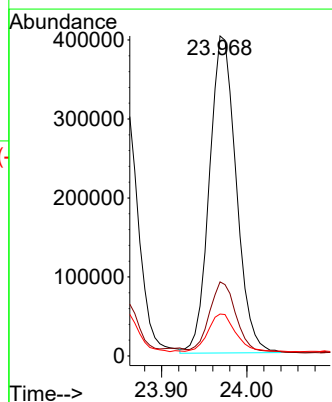
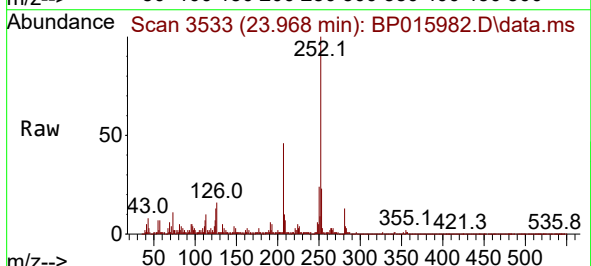
Tgt Ion:252 Resp: 878070

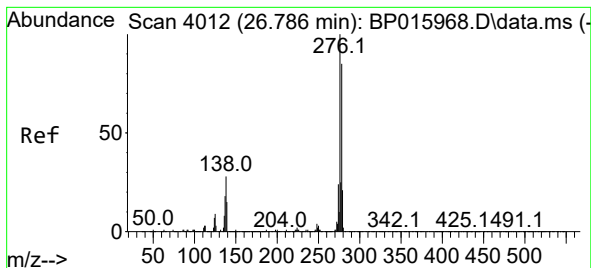
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 13.1 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.007 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

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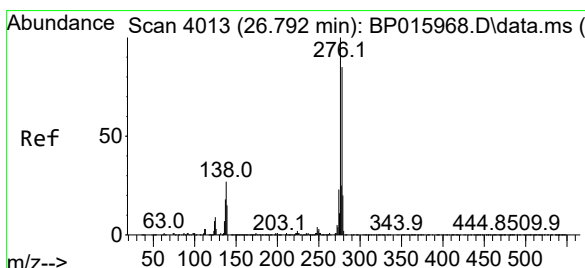
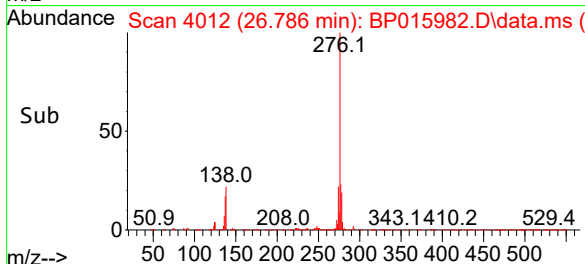
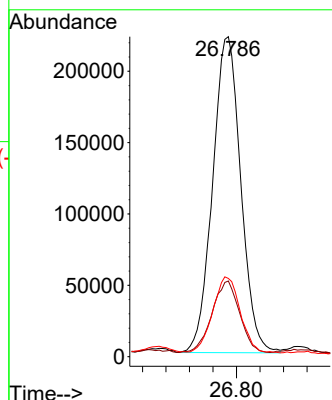
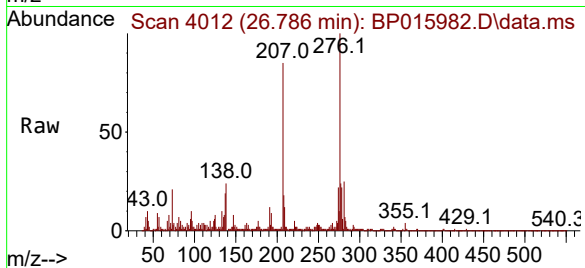
Tgt Ion:276 Resp: 737250

Ion Ratio Lower Upper

276 100

138 23.7 15.7 23.5#

277 24.5 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 2.248 ng/ul

RT: 26.774 min Scan# 4010

Delta R.T. -0.023 min

Lab File: BP015982.D

Acq: 04 Jul 2023 18:32

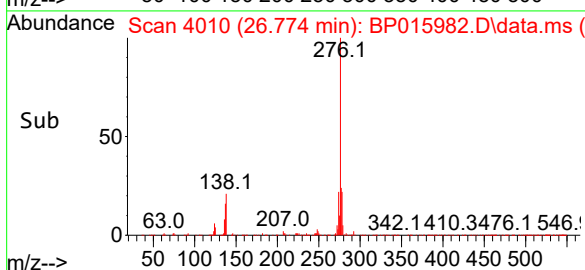
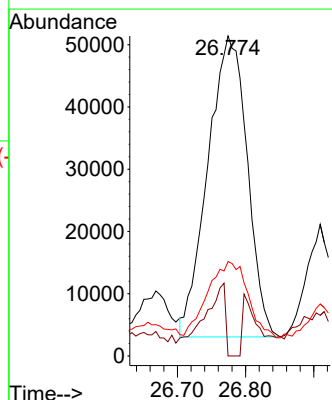
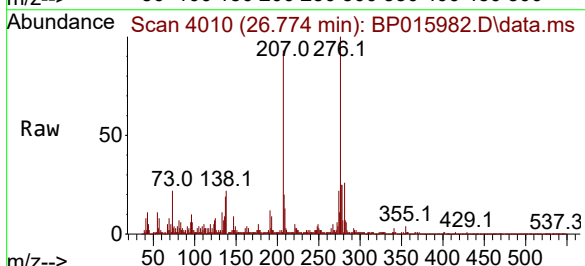
Tgt Ion:278 Resp: 194325

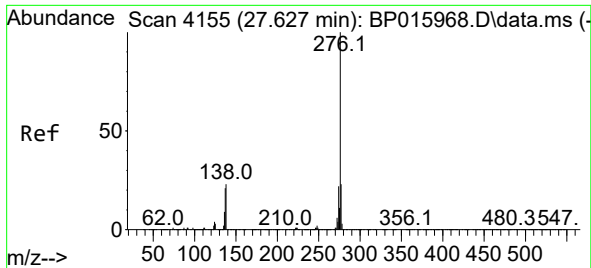
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 29.5 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 8.053 ng/ul
 RT: 27.621 min Scan# 4154
 Delta R.T. -0.006 min
 Lab File: BP015982.D
 Acq: 04 Jul 2023 18:32

Instrument :
 BNA_P
 ClientSampleId :
 DCGH5

Tgt Ion:276 Resp: 697080
 Ion Ratio Lower Upper
 276 100
 138 23.7 15.1 22.7#
 277 23.5 18.8 28.2

