

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015647.D
 Acq On : 22 Jun 2023 15:05
 Operator : MA/JU
 Sample : 03083-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK7

Quant Time: Jun 22 22:05:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

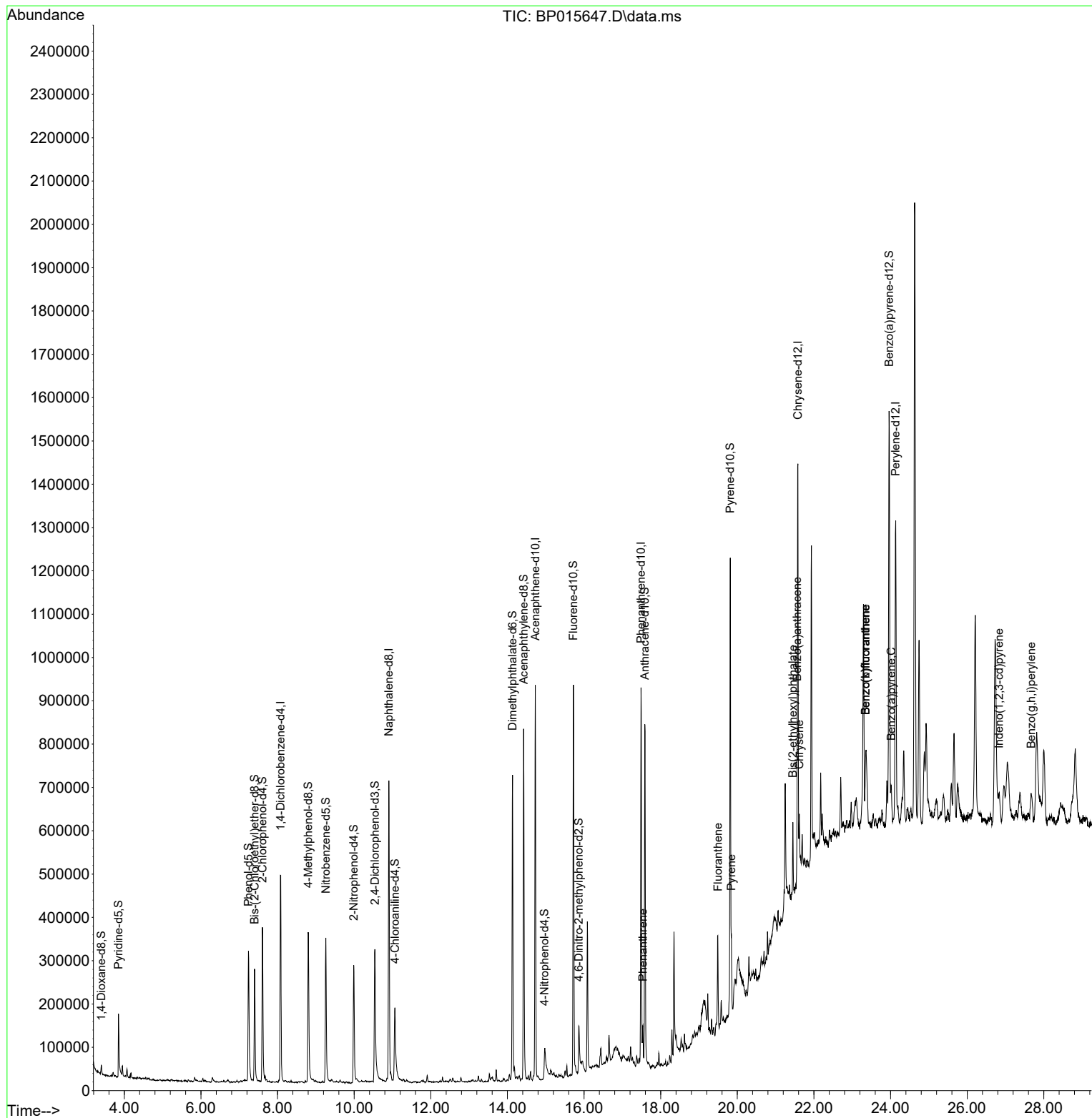
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	129191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	535397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	293967	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	515826	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	457396	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	595007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10164	2.913	ng/uL	0.00
4) Pyridine-d5	3.846	84	72220	7.969	ng/u1	0.00
7) Phenol-d5	7.240	99	192392	16.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	123831	17.421	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	159955	18.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	151368	15.496	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	78212	18.607	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	84802	17.666	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	145259	16.589	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	125269	9.967	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	458961	19.799	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	514581	20.301	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	22684	5.464	ng/u1	0.02
60) Fluorene-d10	15.722	176	356435	18.234	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	33420	10.227	ng/u1	0.00
73) Anthracene-d10	17.586	188	459934	19.597	ng/u1	0.00
81) Pyrene-d10	19.816	212	532339	21.745	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	617735	20.691	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.534	178	50798	1.835	ng/u1	97
80) Fluoranthene	19.492	202	115769	3.882	ng/u1	98
82) Pyrene	19.845	202	98057	3.178	ng/u1	97
85) Benzo(a)anthracene	21.563	228	66130	2.068	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	21.451	149	49130	2.438	ng/u1	99
87) Chrysene	21.616	228	78236	2.589	ng/u1#	95
90) Benzo(b)fluoranthene	23.345	252	122442	3.188	ng/u1	97
91) Benzo(k)fluoranthene	23.345	252	122442	3.298	ng/u1	97
93) Benzo(a)pyrene	24.016	252	78142	2.334	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.833	276	70938	1.637	ng/u1	93
96) Benzo(g,h,i)perylene	27.668	276	85021	2.381	ng/u1	98

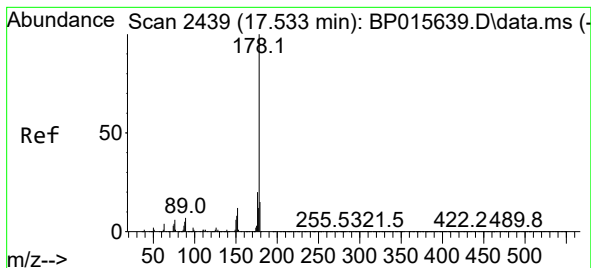
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.835 ng/ul

RT: 17.534 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7

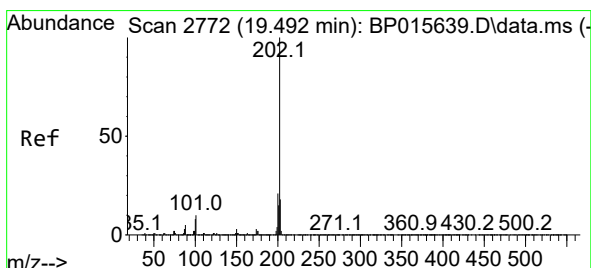
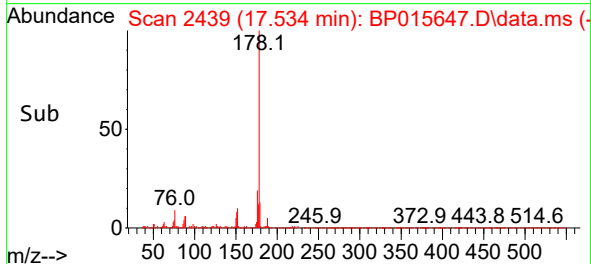
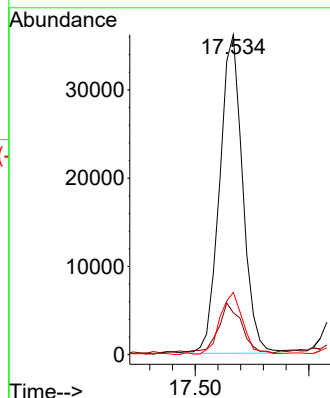
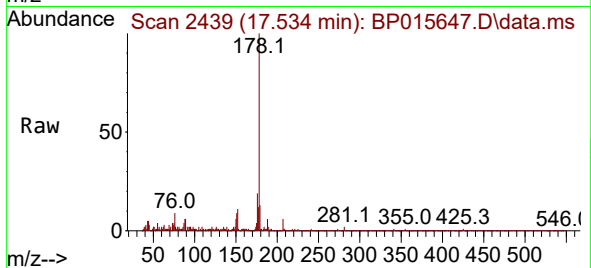
Tgt Ion:178 Resp: 50798

Ion Ratio Lower Upper

178 100

179 13.1 12.3 18.5

176 19.4 15.4 23.0



#80

Fluoranthene

Concen: 3.882 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

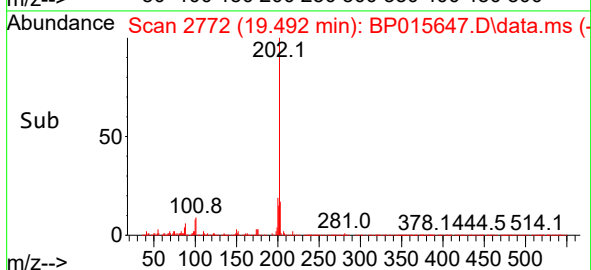
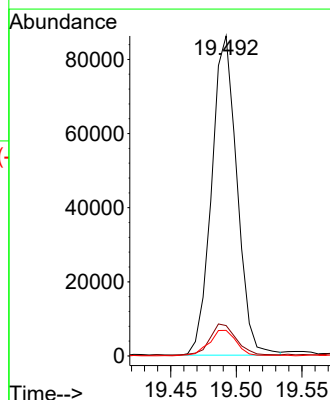
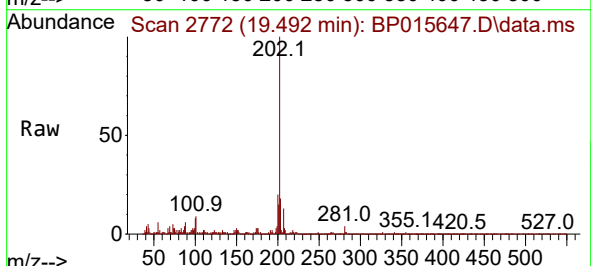
Tgt Ion:202 Resp: 115769

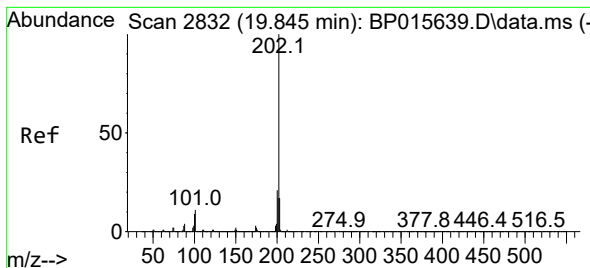
Ion Ratio Lower Upper

202 100

101 9.5 8.6 13.0

100 8.0 6.6 9.8





#82

Pyrene

Concen: 3.178 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7

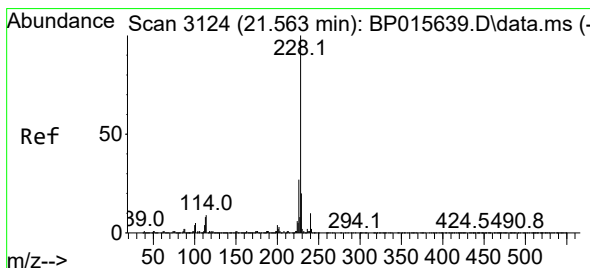
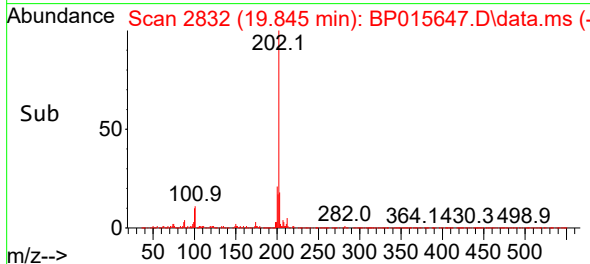
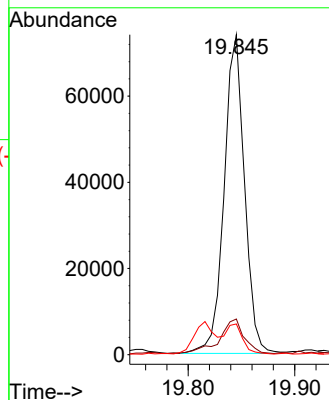
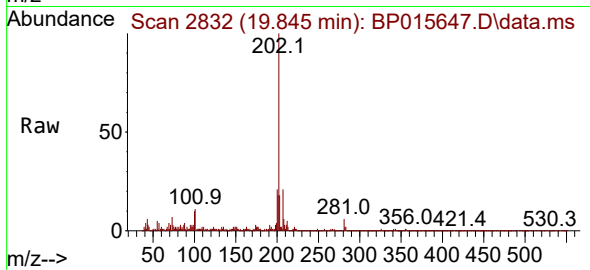
Tgt Ion:202 Resp: 98057

Ion Ratio Lower Upper

202 100

101 11.2 9.9 14.9

100 9.6 8.4 12.6



#85

Benzo(a)anthracene

Concen: 2.068 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

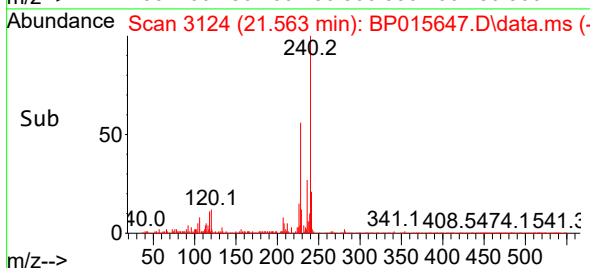
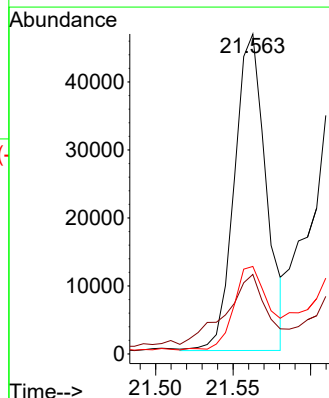
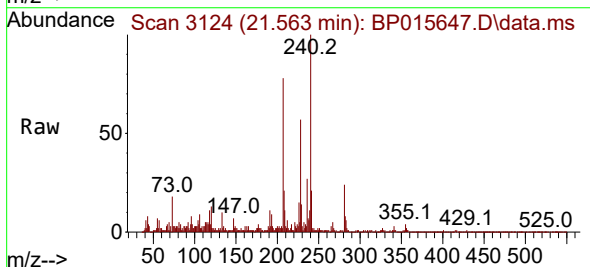
Tgt Ion:228 Resp: 66130

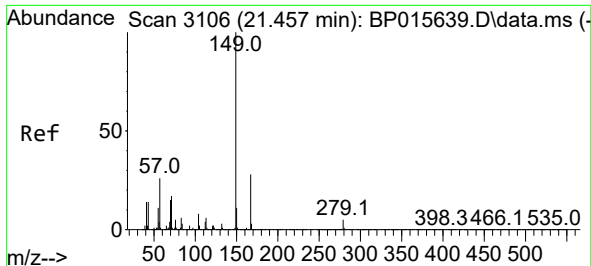
Ion Ratio Lower Upper

228 100

229 24.9 15.8 23.6#

226 27.3 21.8 32.6

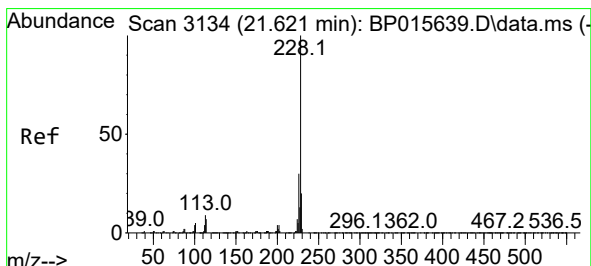
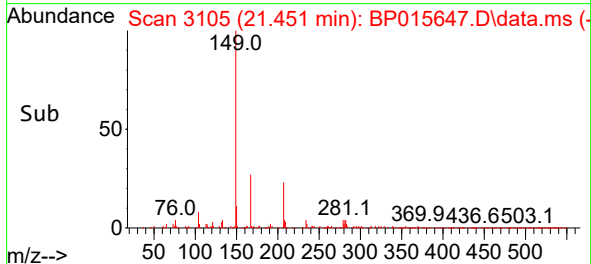
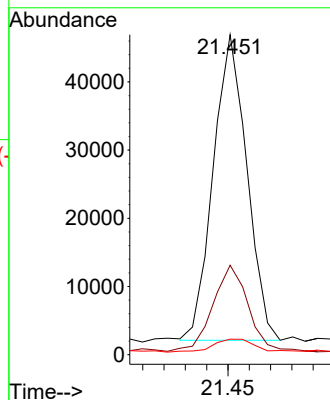
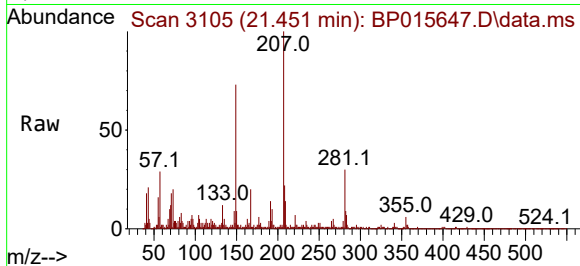




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.438 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015647.D
Acq: 22 Jun 2023 15:05

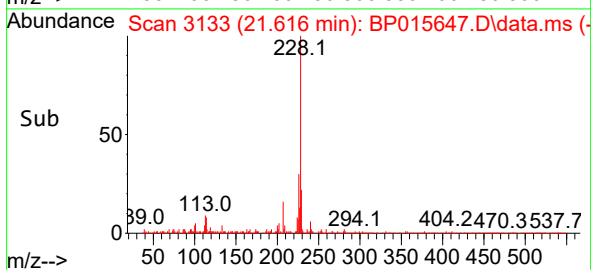
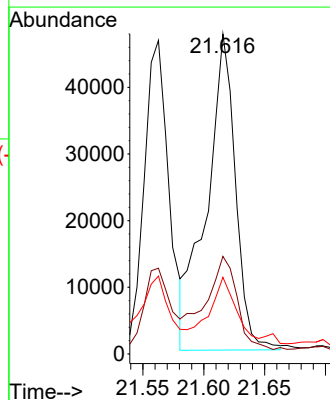
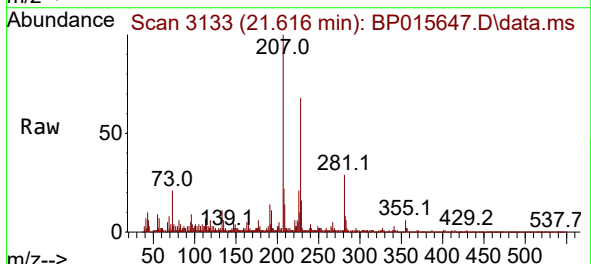
Instrument :
BNA_P
ClientSampleId :
DCFK7

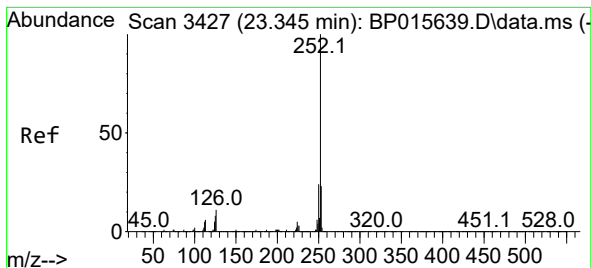
Tgt Ion:149 Resp: 49130
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.9 3.7 5.5



#87
Chrysene
Concen: 2.589 ng/ul
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015647.D
Acq: 22 Jun 2023 15:05

Tgt Ion:228 Resp: 78236
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 24.0 15.1 22.7#





#90

Benzo(b)fluoranthene

Concen: 3.188 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7

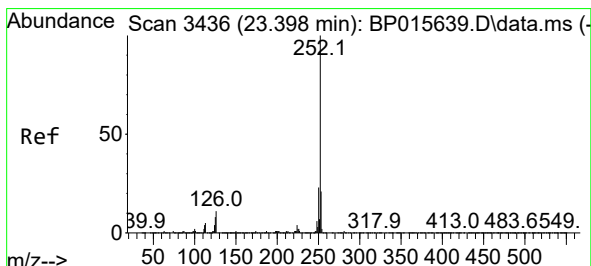
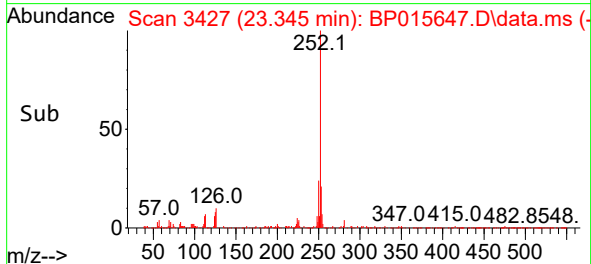
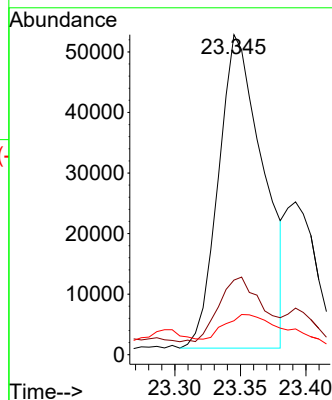
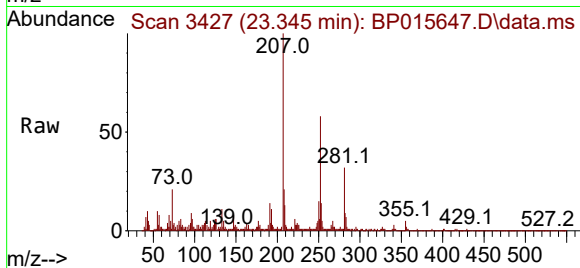
Tgt Ion:252 Resp: 122442

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 10.6 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 3.298 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.053 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

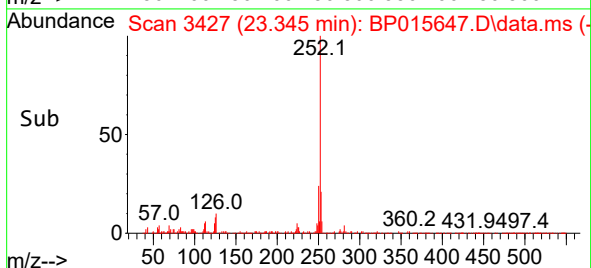
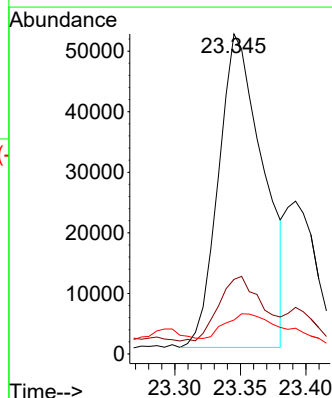
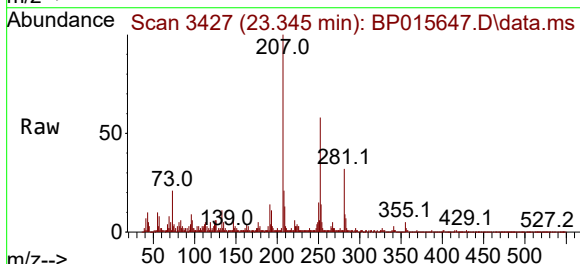
Tgt Ion:252 Resp: 122442

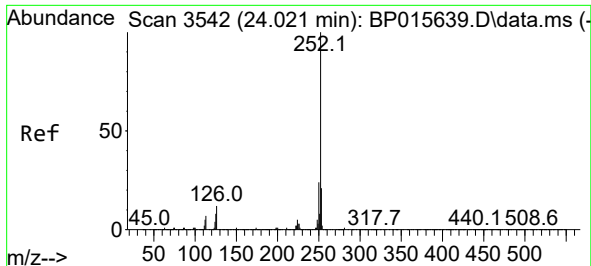
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 10.6 7.3 10.9

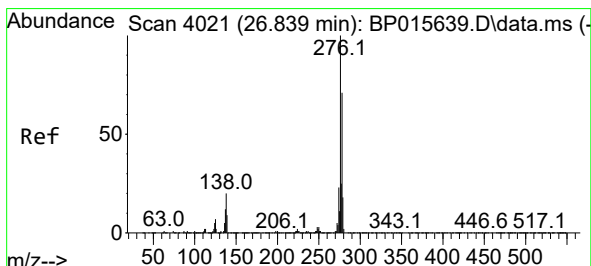
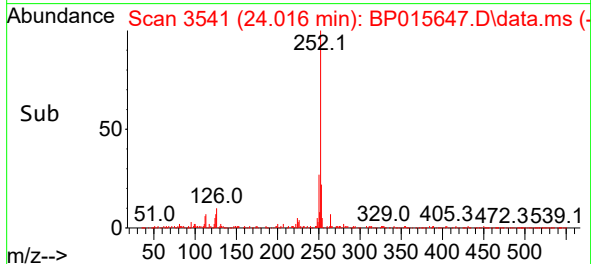
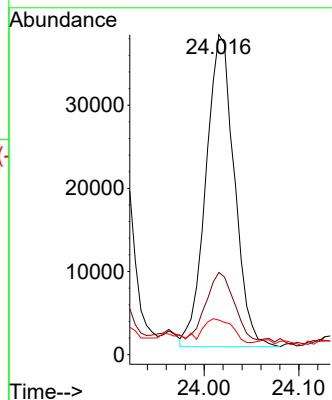
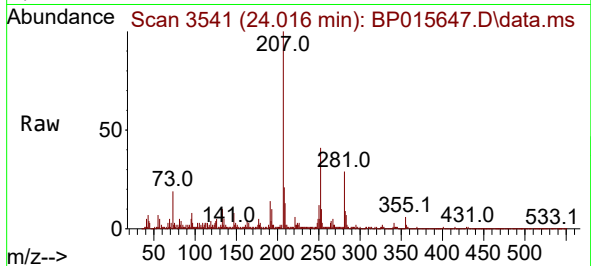




#93
Benzo(a)pyrene
Concen: 2.334 ng/ul
RT: 24.016 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015647.D
Acq: 22 Jun 2023 15:05

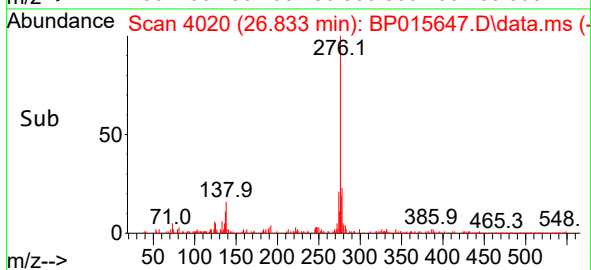
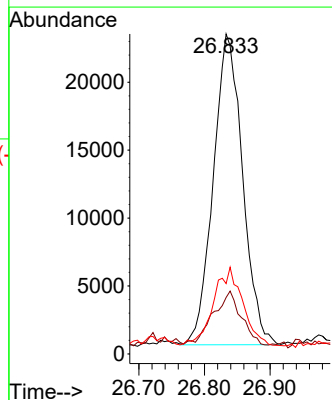
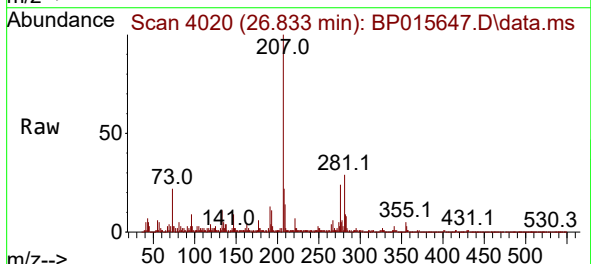
Instrument :
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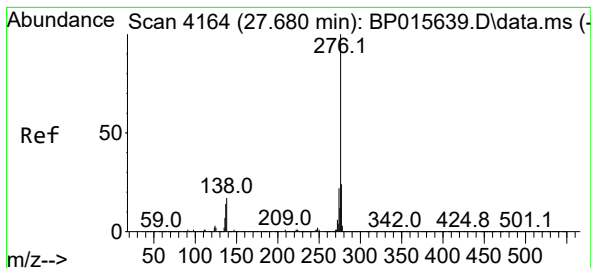
Tgt Ion:252 Resp: 78142
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 10.8 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.637 ng/ul
RT: 26.833 min Scan# 4020
Delta R.T. -0.006 min
Lab File: BP015647.D
Acq: 22 Jun 2023 15:05

Tgt Ion:276 Resp: 70938
Ion Ratio Lower Upper
276 100
138 17.6 17.3 25.9
277 22.0 20.2 30.2





#96

Benzo(g,h,i)perylene

Concen: 2.381 ng/ul

RT: 27.668 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP015647.D

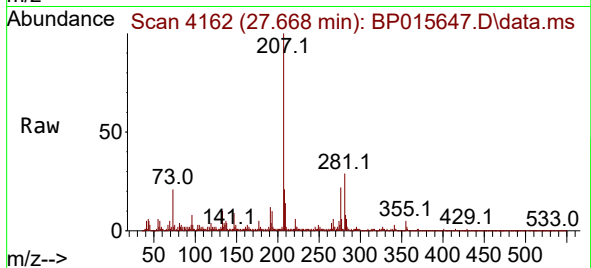
Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7



Tgt Ion:276 Resp: 85021

Ion Ratio Lower Upper

276 100

138 19.3 15.6 23.4

277 25.2 19.0 28.6

