

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015645.D
 Acq On : 22 Jun 2023 13:58
 Operator : MA/JU
 Sample : 03083-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK5

Quant Time: Jun 22 22:05:01 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

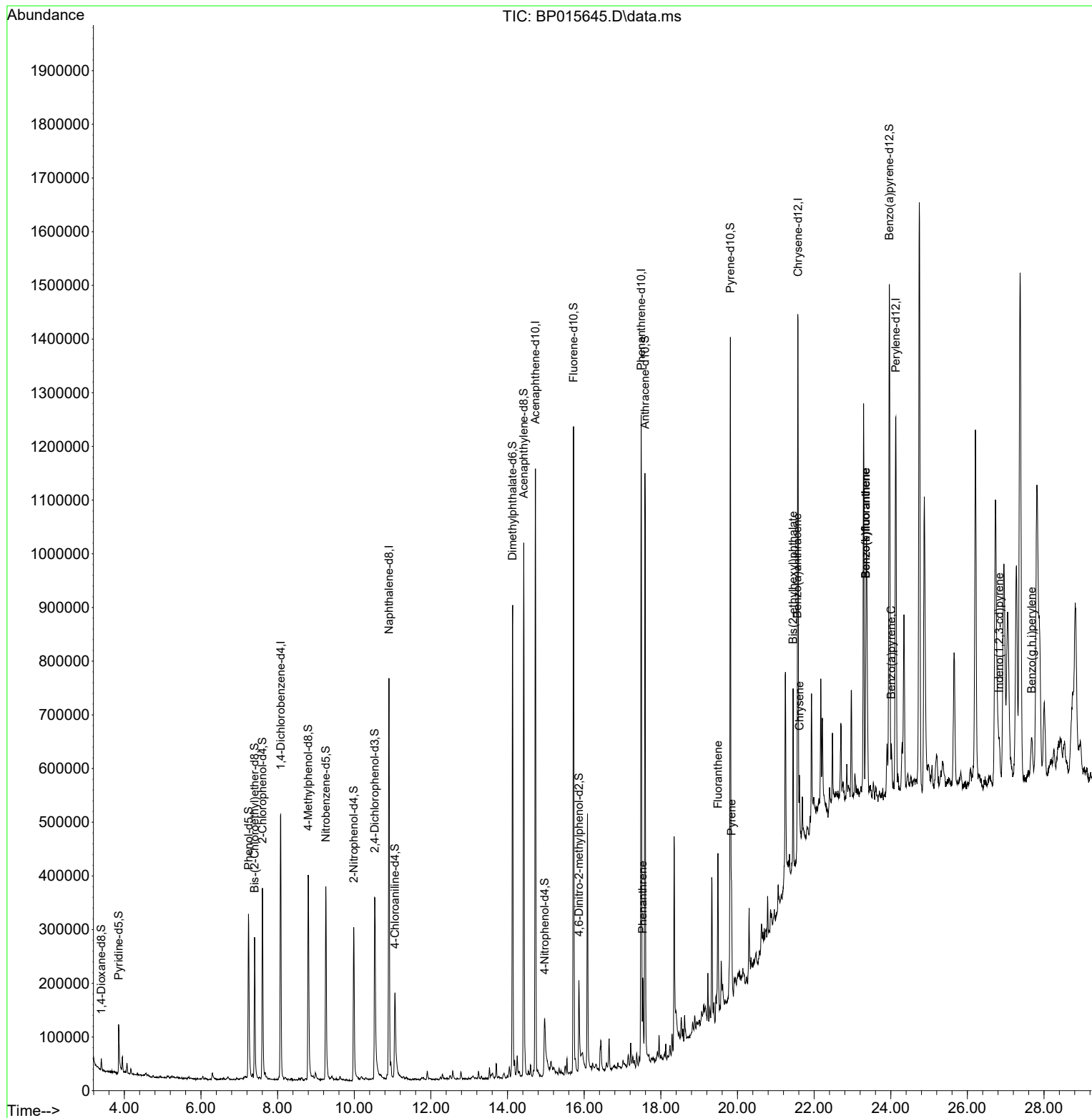
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	133725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	589950	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	365503	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	705289	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	480801	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	593309	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9424	2.610	ng/uL	0.00
4) Pyridine-d5	3.852	84	52704	5.619	ng/ul	0.01
7) Phenol-d5	7.240	99	192893	15.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	122177	16.606	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	158102	17.701	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	161575	15.980	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	82317	17.773	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	89928	17.002	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	161115	16.698	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	120225	8.681	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	573338	19.892	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	626850	19.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	44833	8.686	ng/ul	0.02
60) Fluorene-d10	15.722	176	456595	18.786	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	45145	10.104	ng/ul	0.00
73) Anthracene-d10	17.587	188	622984	19.414	ng/ul	0.00
81) Pyrene-d10	19.816	212	612533	23.803	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	599674	20.144	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	85714	2.265	ng/ul	99
80) Fluoranthene	19.492	202	156512	4.993	ng/ul	97
82) Pyrene	19.845	202	120232	3.707	ng/ul	96
85) Benzo(a)anthracene	21.563	228	55864	1.662	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.451	149	112482	5.309	ng/ul	100
87) Chrysene	21.616	228	82630	2.601	ng/ul	97
90) Benzo(b)fluoranthene	23.351	252	133645	3.490	ng/ul#	93
91) Benzo(k)fluoranthene	23.351	252	133645	3.610	ng/ul#	94
93) Benzo(a)pyrene	24.016	252	72776	2.180	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.833	276	78481	1.816	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	79462	2.231	ng/ul	98

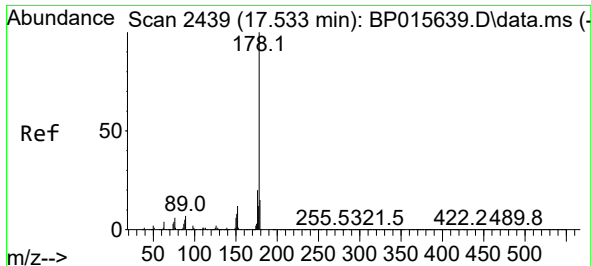
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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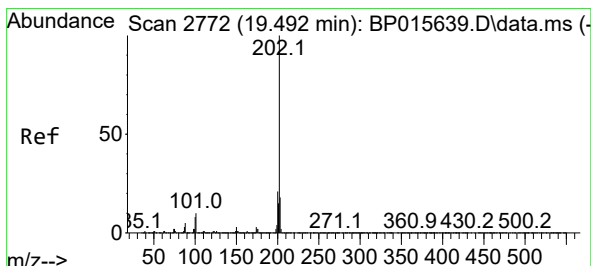
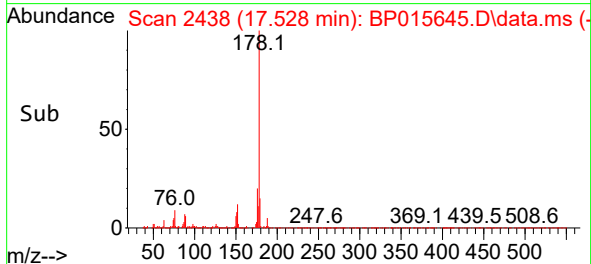
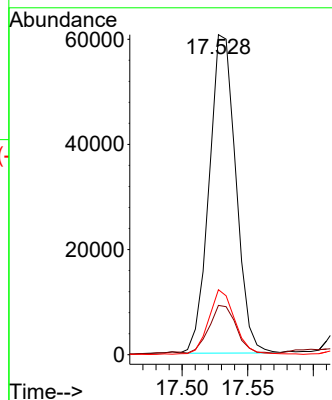
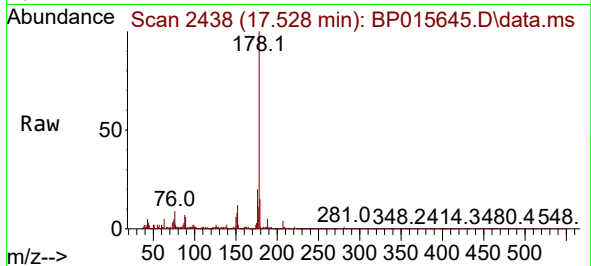




#72
Phenanthrene
Concen: 2.265 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP015645.D
Acq: 22 Jun 2023 13:58

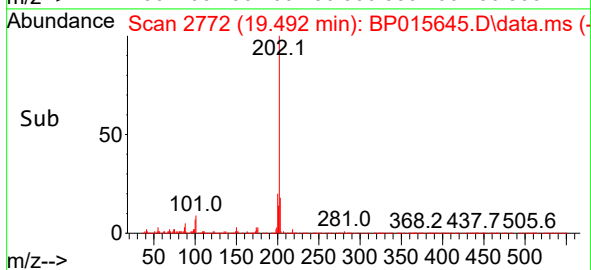
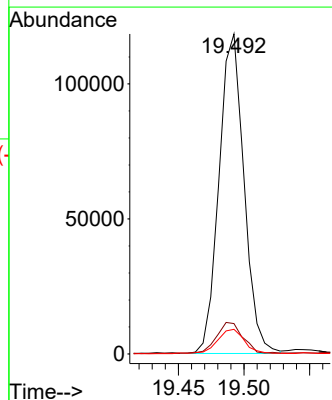
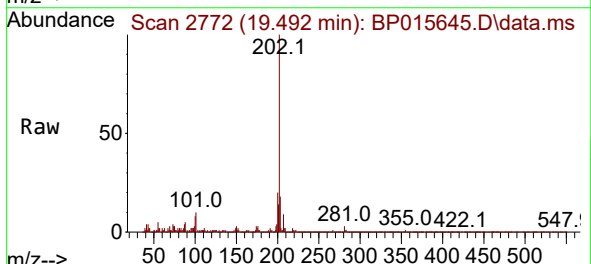
Instrument :
BNA_P
ClientSampleId :
DCFK5

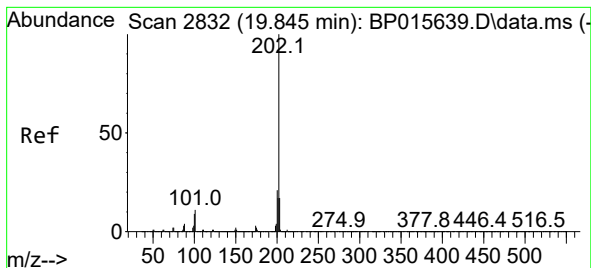
Tgt Ion:178 Resp: 85714
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 20.3 15.4 23.0



#80
Fluoranthene
Concen: 4.993 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015645.D
Acq: 22 Jun 2023 13:58

Tgt Ion:202 Resp: 156512
Ion Ratio Lower Upper
202 100
101 9.5 8.6 13.0
100 7.7 6.6 9.8





#82

Pyrene

Concen: 3.707 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFK5

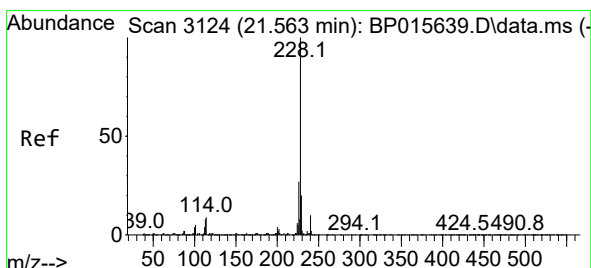
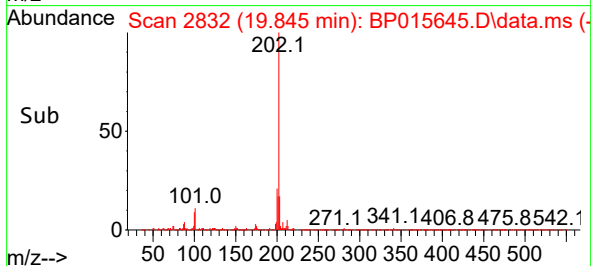
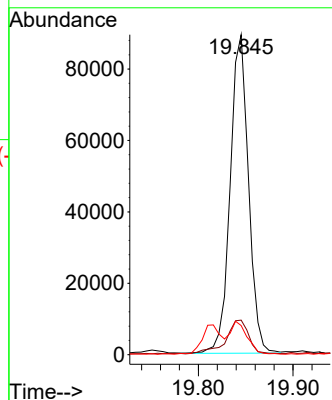
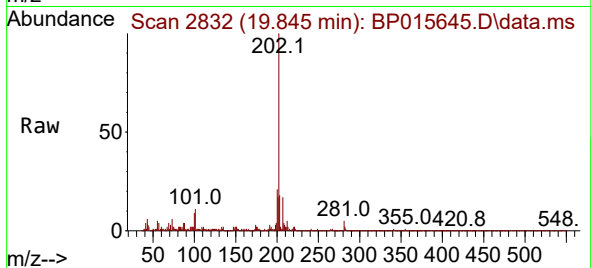
Tgt Ion:202 Resp: 120232

Ion Ratio Lower Upper

202 100

101 10.8 9.9 14.9

100 9.1 8.4 12.6



#85

Benzo(a)anthracene

Concen: 1.662 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

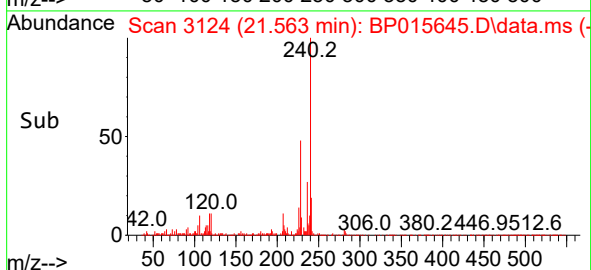
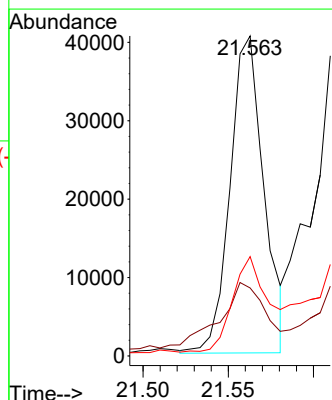
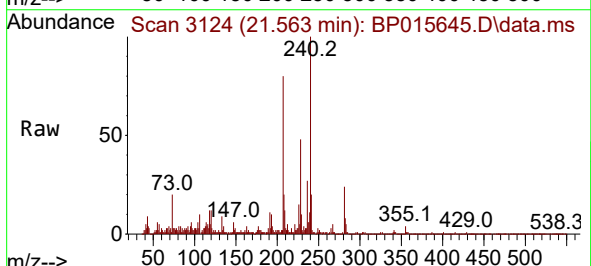
Tgt Ion:228 Resp: 55864

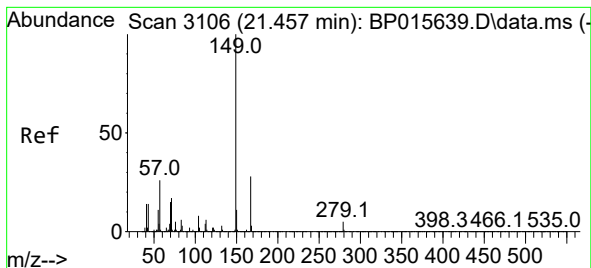
Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.6

226 31.1 21.8 32.6

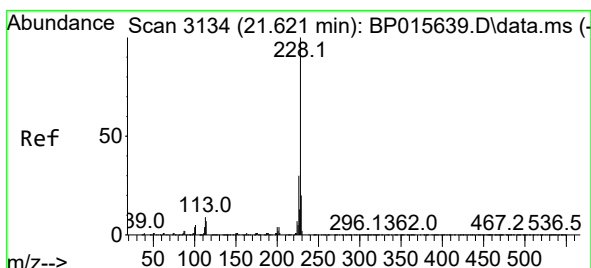
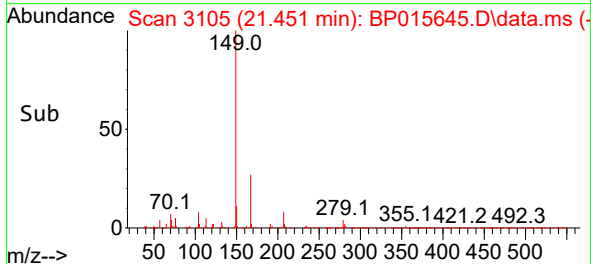
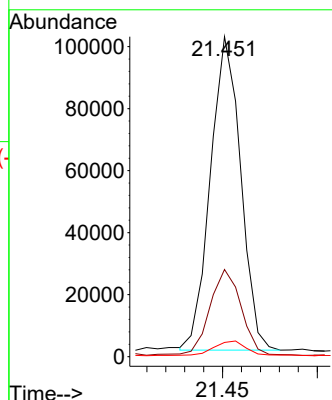
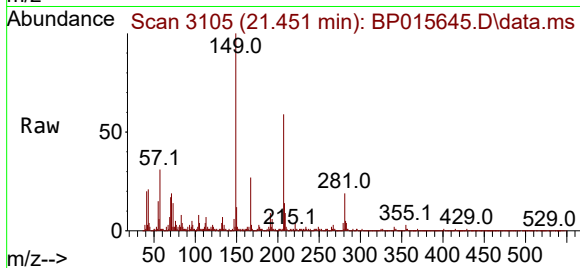




#86
Bis(2-ethylhexyl)phthalate
Concen: 5.309 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015645.D
Acq: 22 Jun 2023 13:58

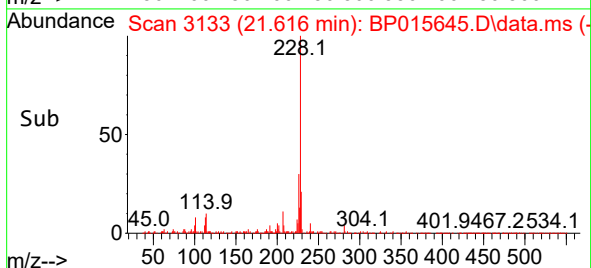
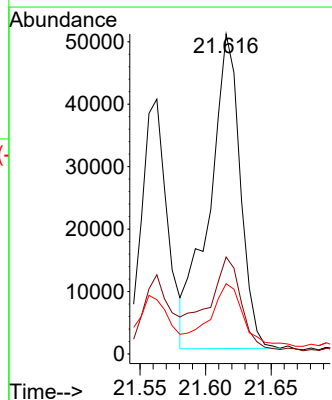
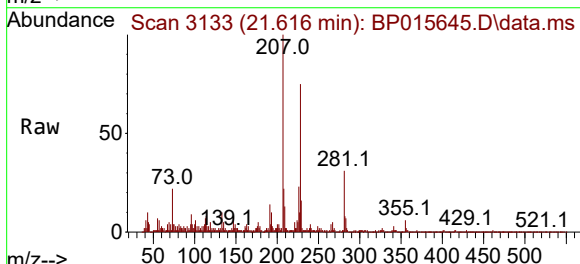
Instrument :
BNA_P
ClientSampleId :
DCFK5

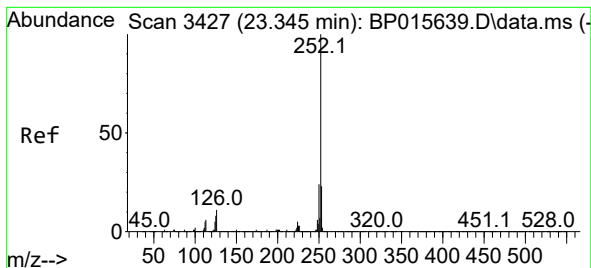
Tgt Ion:149 Resp: 112482
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 4.4 3.7 5.5



#87
Chrysene
Concen: 2.601 ng/ul
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015645.D
Acq: 22 Jun 2023 13:58

Tgt Ion:228 Resp: 82630
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 21.9 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 3.490 ng/ul

RT: 23.351 min Scan# 3427

Delta R.T. 0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFK5

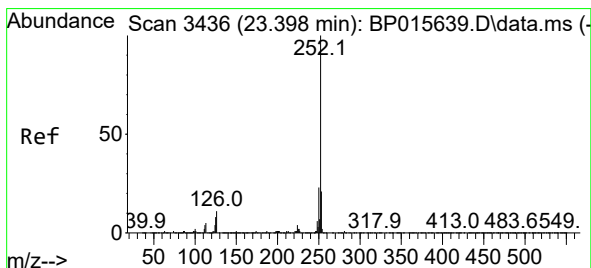
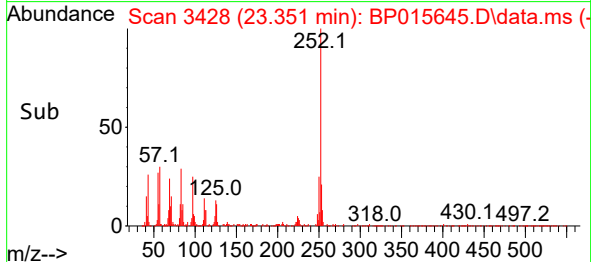
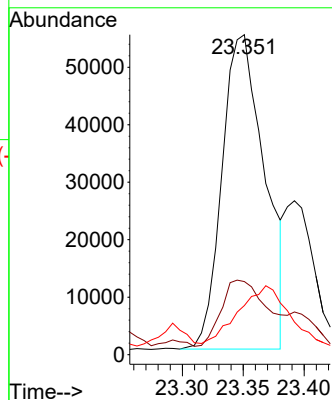
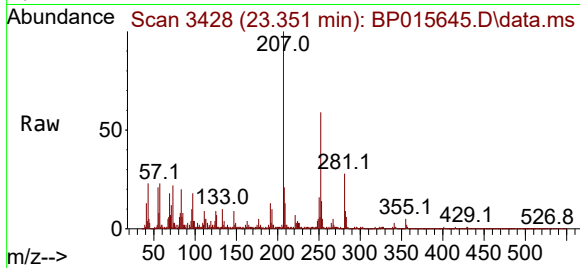
Tgt Ion:252 Resp: 133645

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 15.3 7.3 10.9#



#91

Benzo(k)fluoranthene

Concen: 3.610 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. -0.047 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

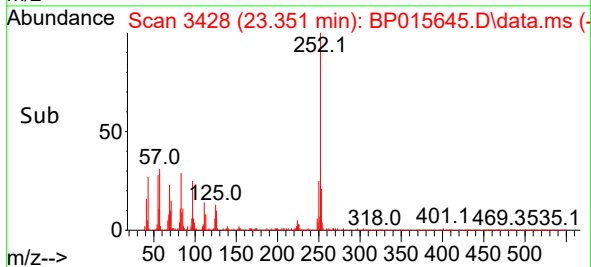
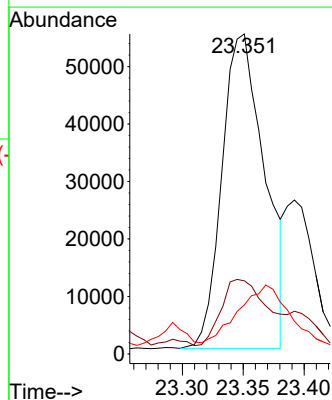
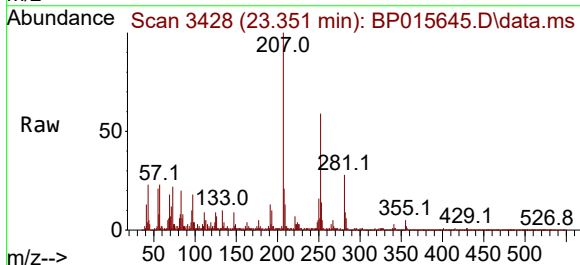
Tgt Ion:252 Resp: 133645

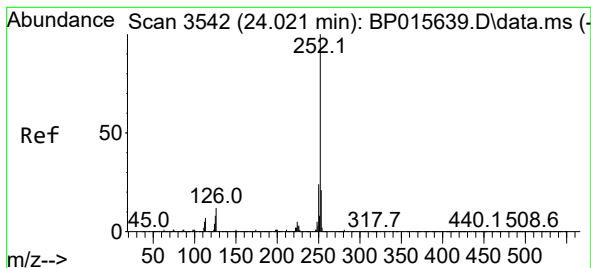
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 15.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.180 ng/ul

RT: 24.016 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015645.D

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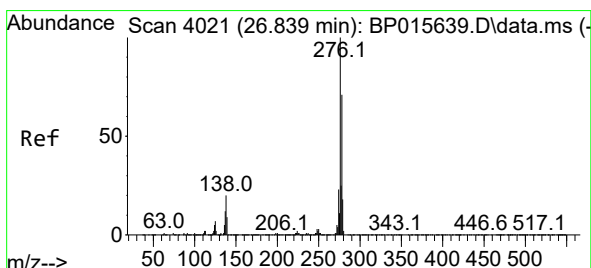
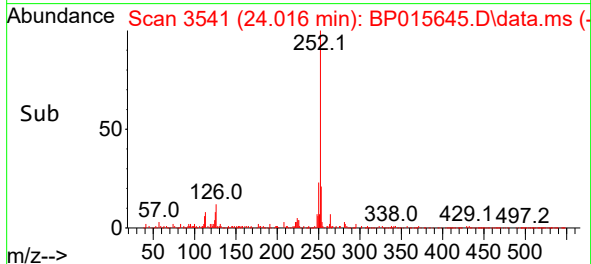
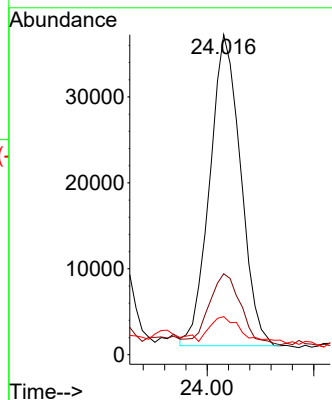
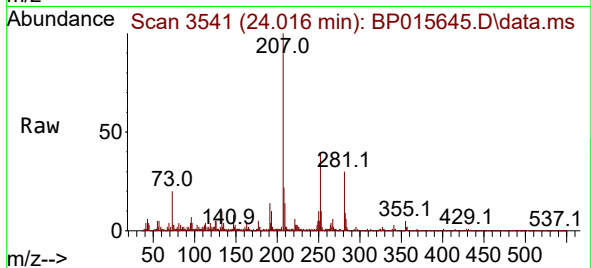
Tgt Ion:252 Resp: 72776

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 11.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.816 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

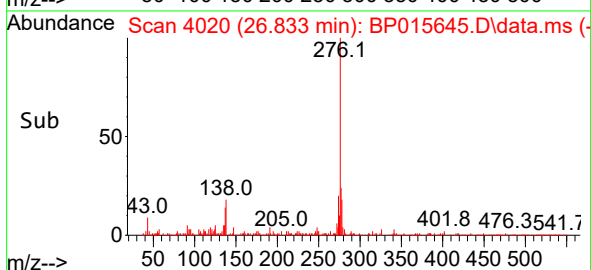
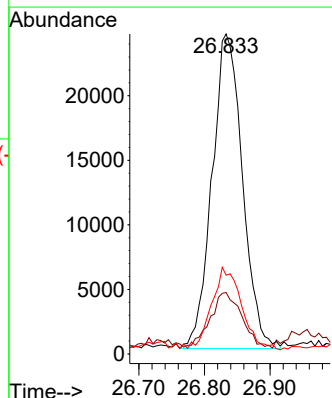
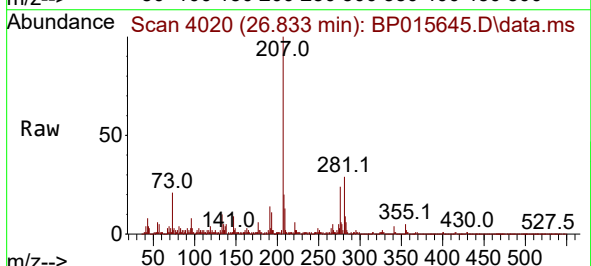
Tgt Ion:276 Resp: 78481

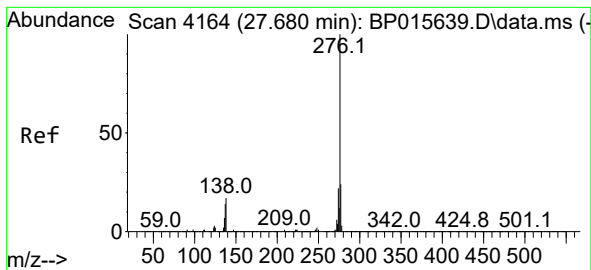
Ion Ratio Lower Upper

276 100

138 19.2 17.3 25.9

277 24.6 20.2 30.2





#96

Benzo(g,h,i)perylene

Concen: 2.231 ng/ul

RT: 27.674 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015645.D

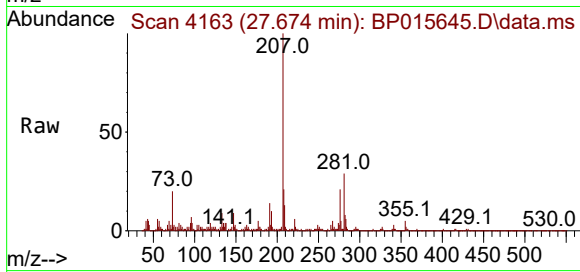
Acq: 22 Jun 2023 13:58

Instrument :

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Tgt Ion:276 Resp: 79462

Ion Ratio Lower Upper

276 100

138 20.3 15.6 23.4

277 24.5 19.0 28.6

