

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015653.D
 Acq On : 22 Jun 2023 18:28
 Operator : MA/JU
 Sample : 03083-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ6

Quant Time: Jun 22 22:06:54 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

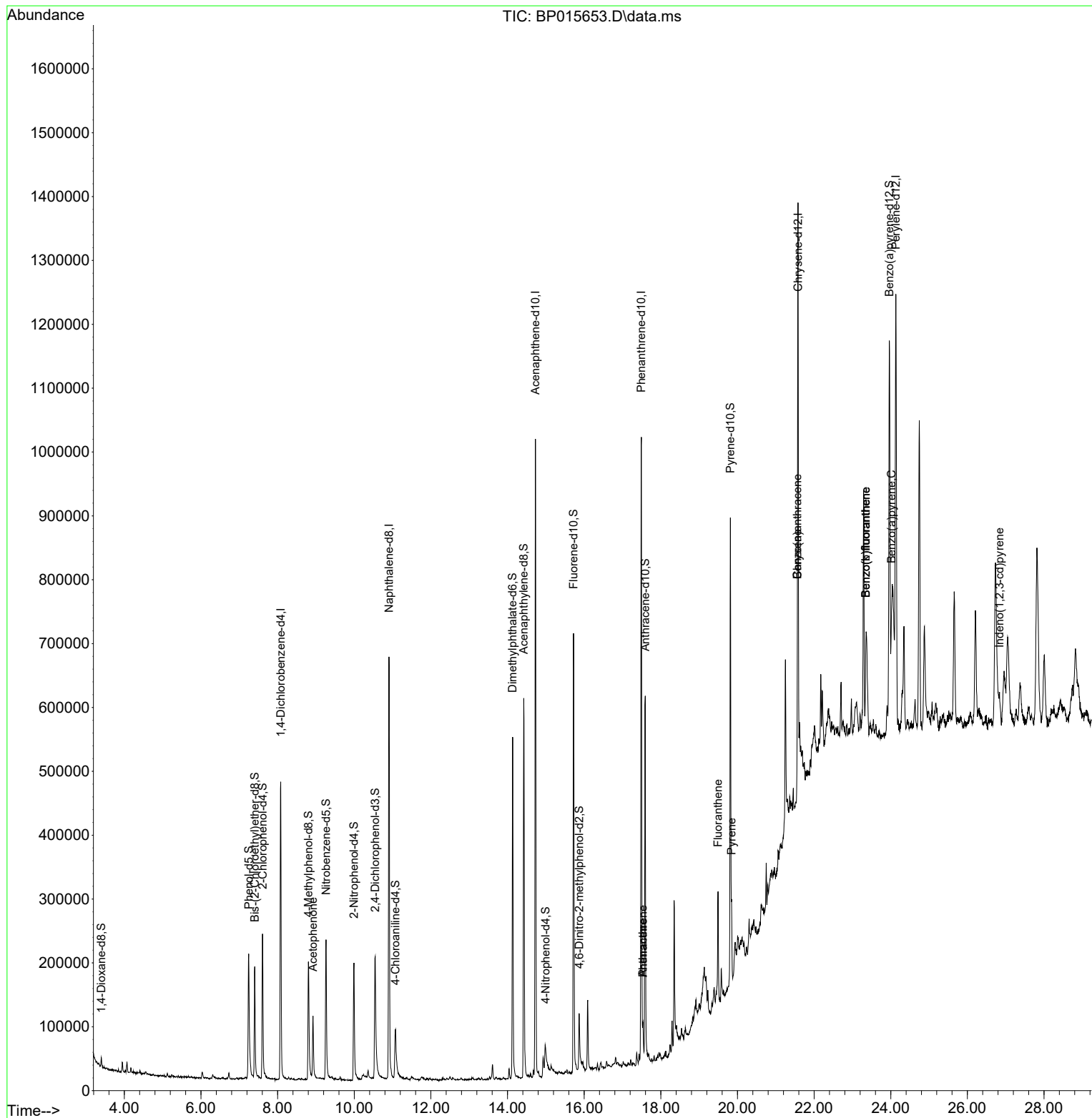
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	127861	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	545762	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	328494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	588325	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	441117	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	551828	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6824	1.976	ng/uL	0.00
4) Pyridine-d5	3.858	84	582	0.065	ng/ul	0.02
7) Phenol-d5	7.246	99	128080	10.873	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	82311	11.700	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	106653	12.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	85506	8.845	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	53571	12.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	60082	12.279	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	99243	11.118	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	64288	5.018	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	352036	13.590	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	386009	13.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	17420	3.755	ng/ul	0.04
60) Fluorene-d10	15.722	176	275727	12.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	25199	6.761	ng/ul	0.00
73) Anthracene-d10	17.592	188	340550	12.722	ng/ul	0.00
81) Pyrene-d10	19.816	212	364548	15.441	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	359112	12.970	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.922	105	53807	3.488	ng/ul	90
72) Phenanthrene	17.534	178	32246	1.021	ng/ul#	95
74) Anthracene	17.534	178	32473	1.014	ng/ul	96
80) Fluoranthene	19.492	202	86888	3.021	ng/ul	99
82) Pyrene	19.845	202	69769	2.345	ng/ul	98
85) Benzo(a)anthracene	21.563	228	46799	1.518	ng/ul	95
87) Chrysene	21.563	228	46303	1.589	ng/ul	97
90) Benzo(b)fluoranthene	23.351	252	89102	2.501	ng/ul#	95
91) Benzo(k)fluoranthene	23.351	252	89102	2.588	ng/ul#	95
93) Benzo(a)pyrene	24.021	252	43487	1.400	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	26.839	276	44398	1.105	ng/ul	97

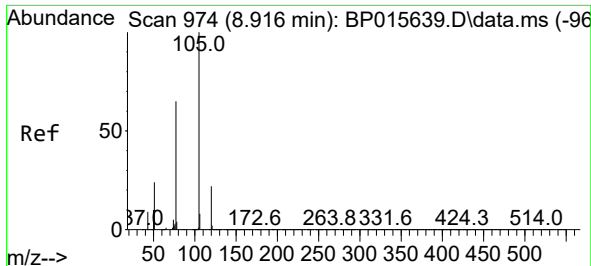
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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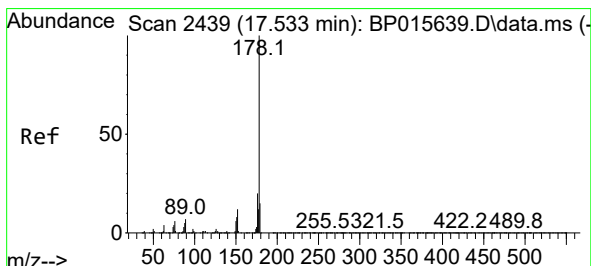
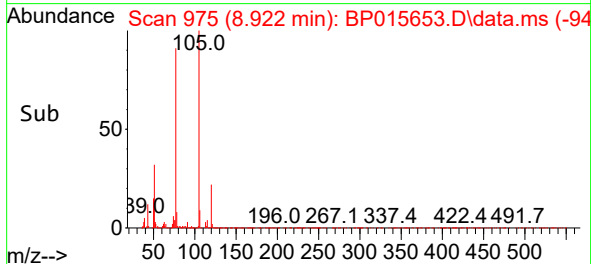
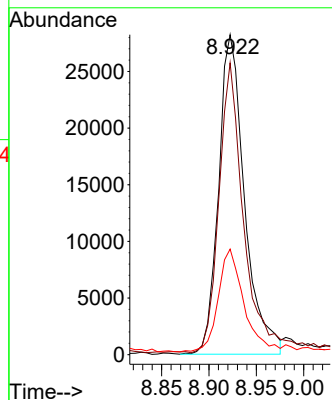
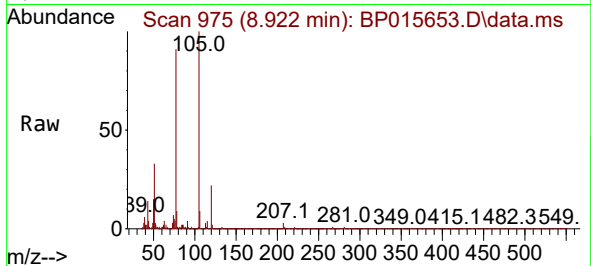




#16
Acetophenone
Concen: 3.488 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

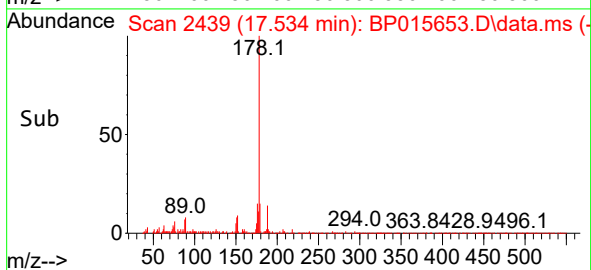
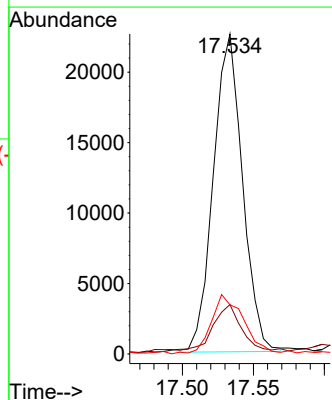
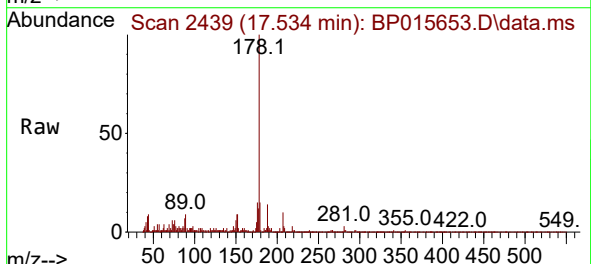
Instrument :
BNA_P
ClientSampleId :
DCFQ6

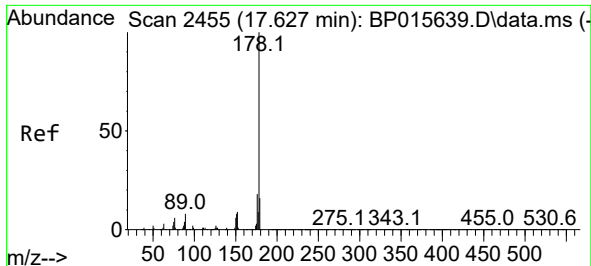
Tgt Ion:105 Resp: 53807
Ion Ratio Lower Upper
105 100
77 91.2 64.9 97.3
51 33.0 23.5 35.3



#72
Phenanthrene
Concen: 1.021 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

Tgt Ion:178 Resp: 32246
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 15.3 15.4 23.0#

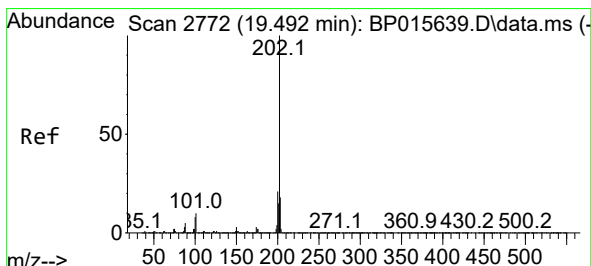
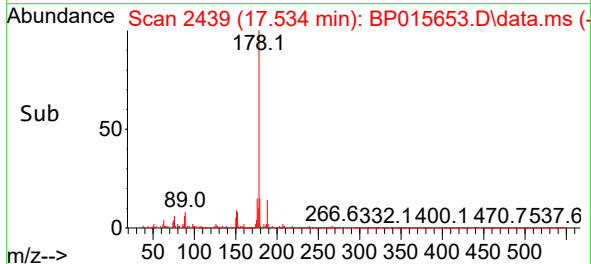
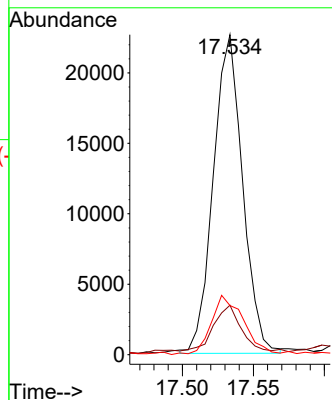
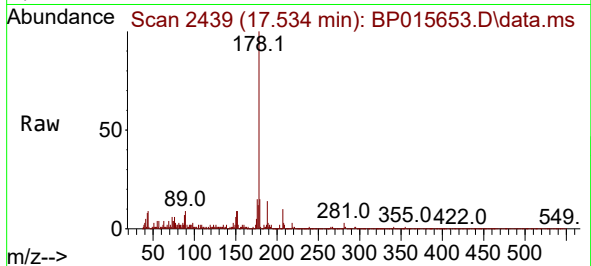




#74
 Anthracene
 Concen: 1.014 ng/ul
 RT: 17.534 min Scan# 2455
 Delta R.T. -0.094 min
 Lab File: BP015653.D
 Acq: 22 Jun 2023 18:28

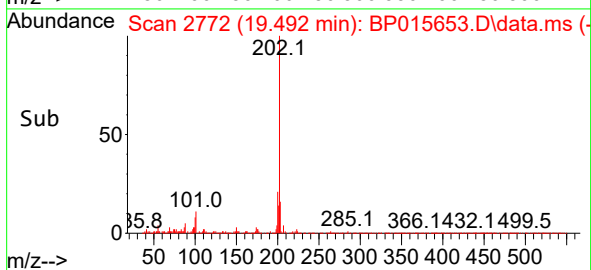
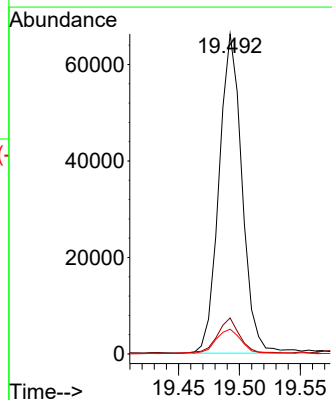
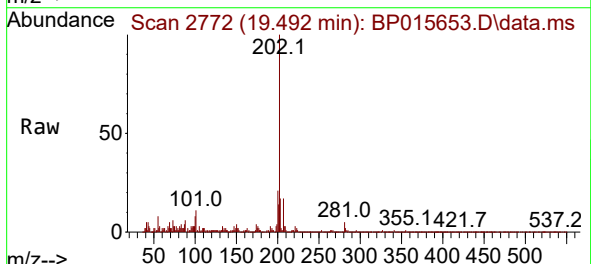
Instrument :
 BNA_P
 ClientSampleId :
 DCFQ6

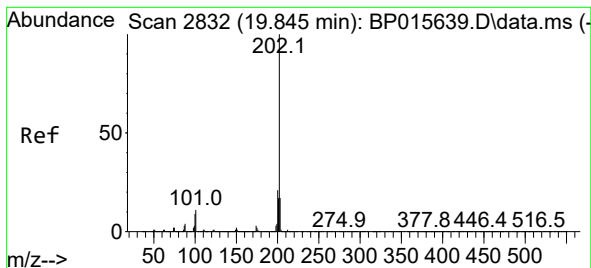
Tgt Ion:178 Resp: 32473
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.4 18.6
 176 15.3 15.0 22.4



#80
 Fluoranthene
 Concen: 3.021 ng/ul
 RT: 19.492 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BP015653.D
 Acq: 22 Jun 2023 18:28

Tgt Ion:202 Resp: 86888
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.6 13.0
 100 7.7 6.6 9.8





#82

Pyrene

Concen: 2.345 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

Instrument :

BNA_P

ClientSampleId :

DCFQ6

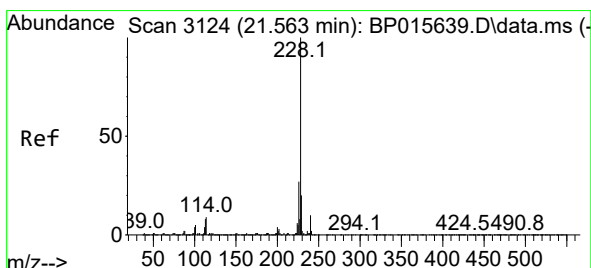
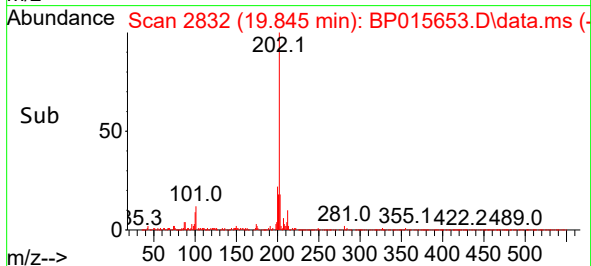
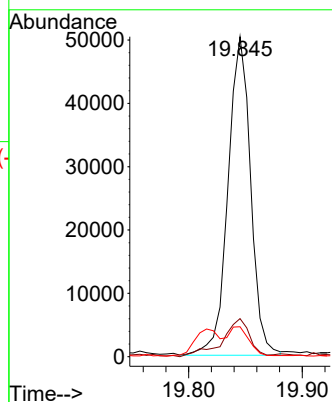
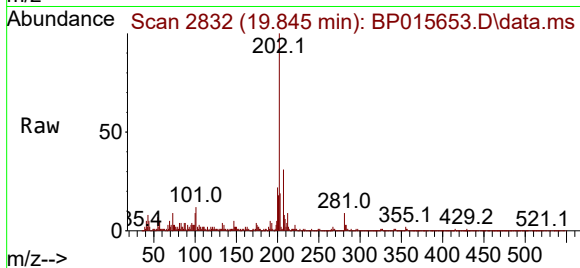
Tgt Ion:202 Resp: 69769

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

100 9.4 8.4 12.6



#85

Benzo(a)anthracene

Concen: 1.518 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

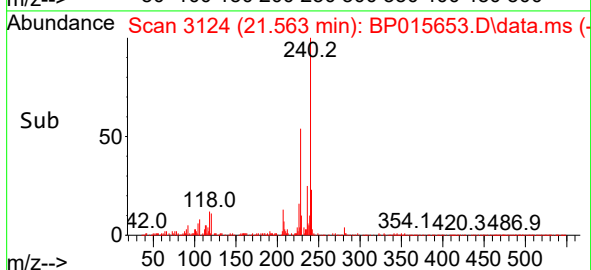
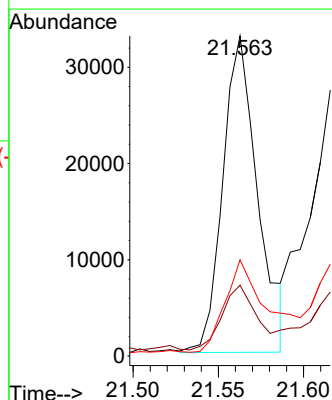
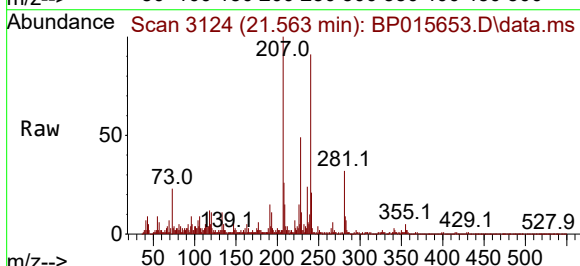
Tgt Ion:228 Resp: 46799

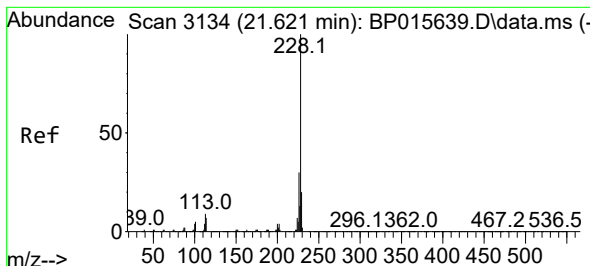
Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.6

226 30.1 21.8 32.6





#87

Chrysene

Concen: 1.589 ng/ul

RT: 21.563 min Scan# 3134

Delta R.T. -0.059 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

Instrument :

BNA_P

ClientSampleId :

DCFQ6

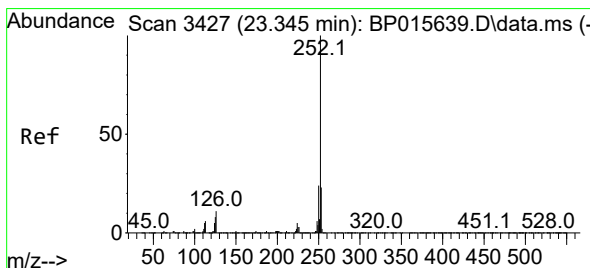
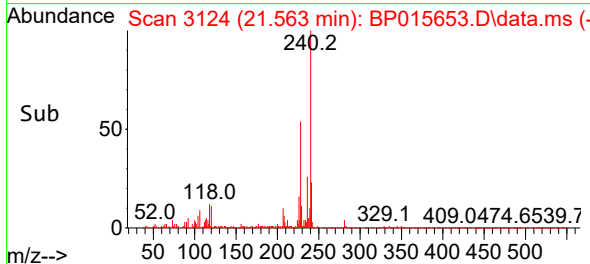
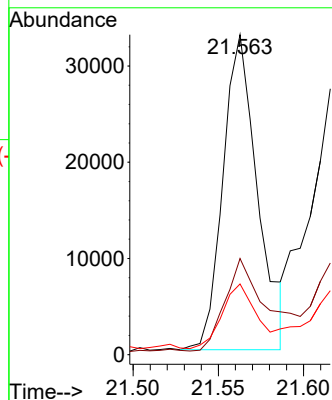
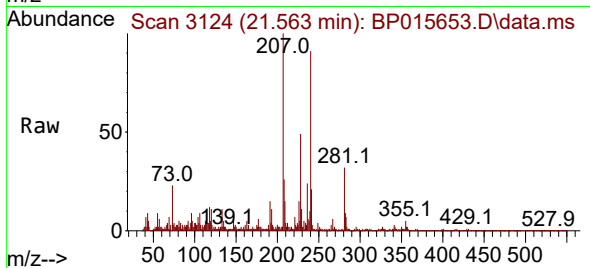
Tgt Ion:228 Resp: 46303

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 22.1 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 2.501 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. 0.006 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

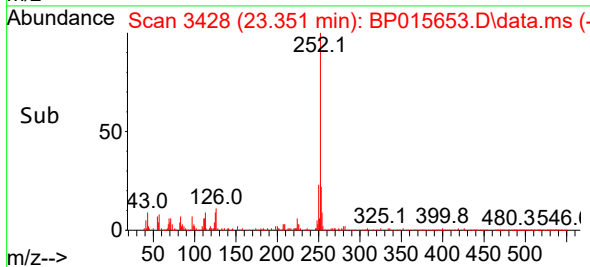
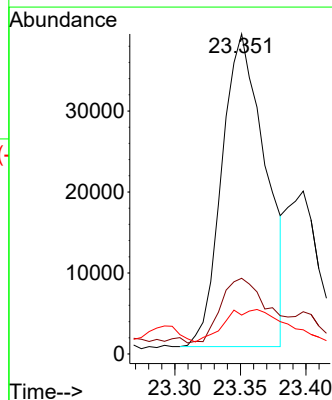
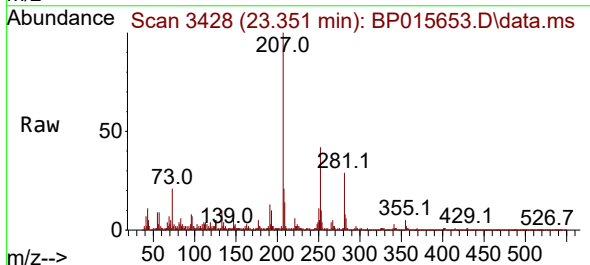
Tgt Ion:252 Resp: 89102

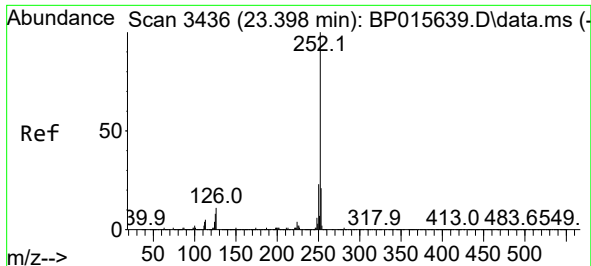
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 12.1 7.3 10.9#

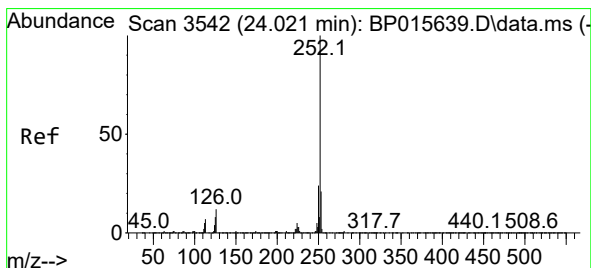
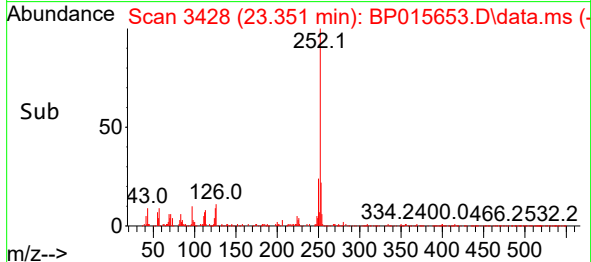
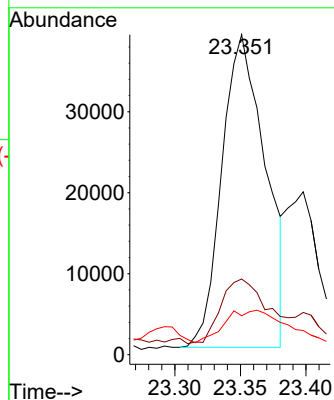
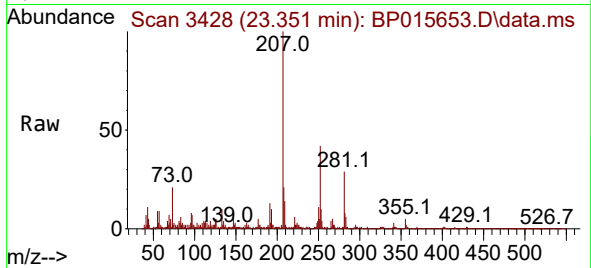




#91
Benzo(k)fluoranthene
Concen: 2.588 ng/ul
RT: 23.351 min Scan# 3436
Delta R.T. -0.047 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

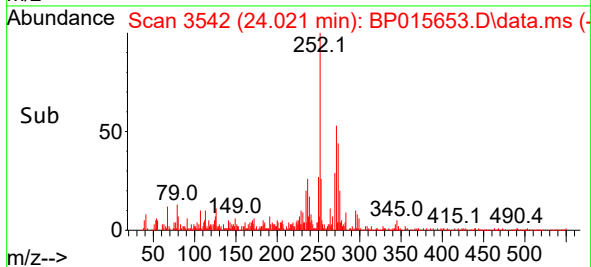
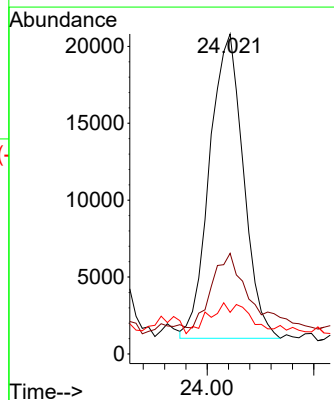
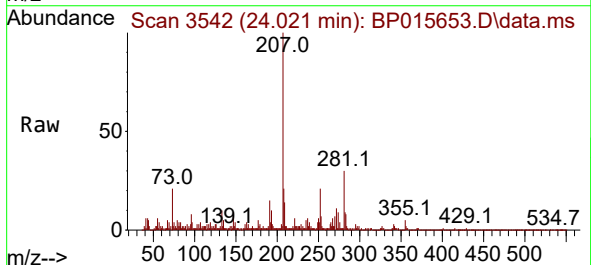
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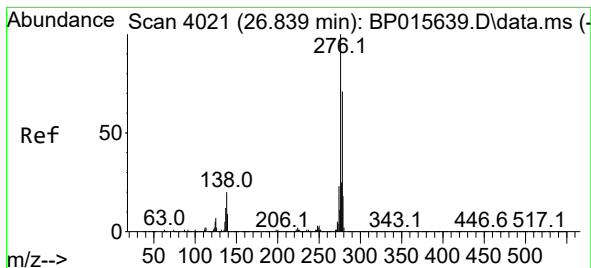
Tgt Ion:252 Resp: 89102
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 12.1 7.3 10.9#



#93
Benzo(a)pyrene
Concen: 1.400 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

Tgt Ion:252 Resp: 43487
Ion Ratio Lower Upper
252 100
253 31.4 17.8 26.6#
125 13.0 8.1 12.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.105 ng/ul

RT: 26.839 min Scan# 40

Delta R.T. 0.000 min

Lab File: BP015653.D

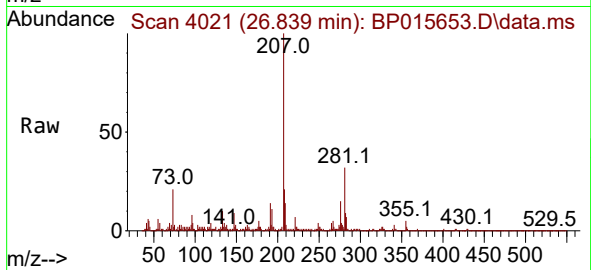
Acq: 22 Jun 2023 18:28

Instrument :

BNA_P

ClientSampleId :

DCFQ6



Tgt Ion:276 Resp: 44398

Ion Ratio Lower Upper

276 100

138 19.5 17.3 25.9

277 24.7 20.2 30.2

