

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016646.D
 Acq On : 18 Aug 2023 18:05
 Operator : MA/JU
 Sample : 03968-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48P0

Quant Time: Aug 18 22:33:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

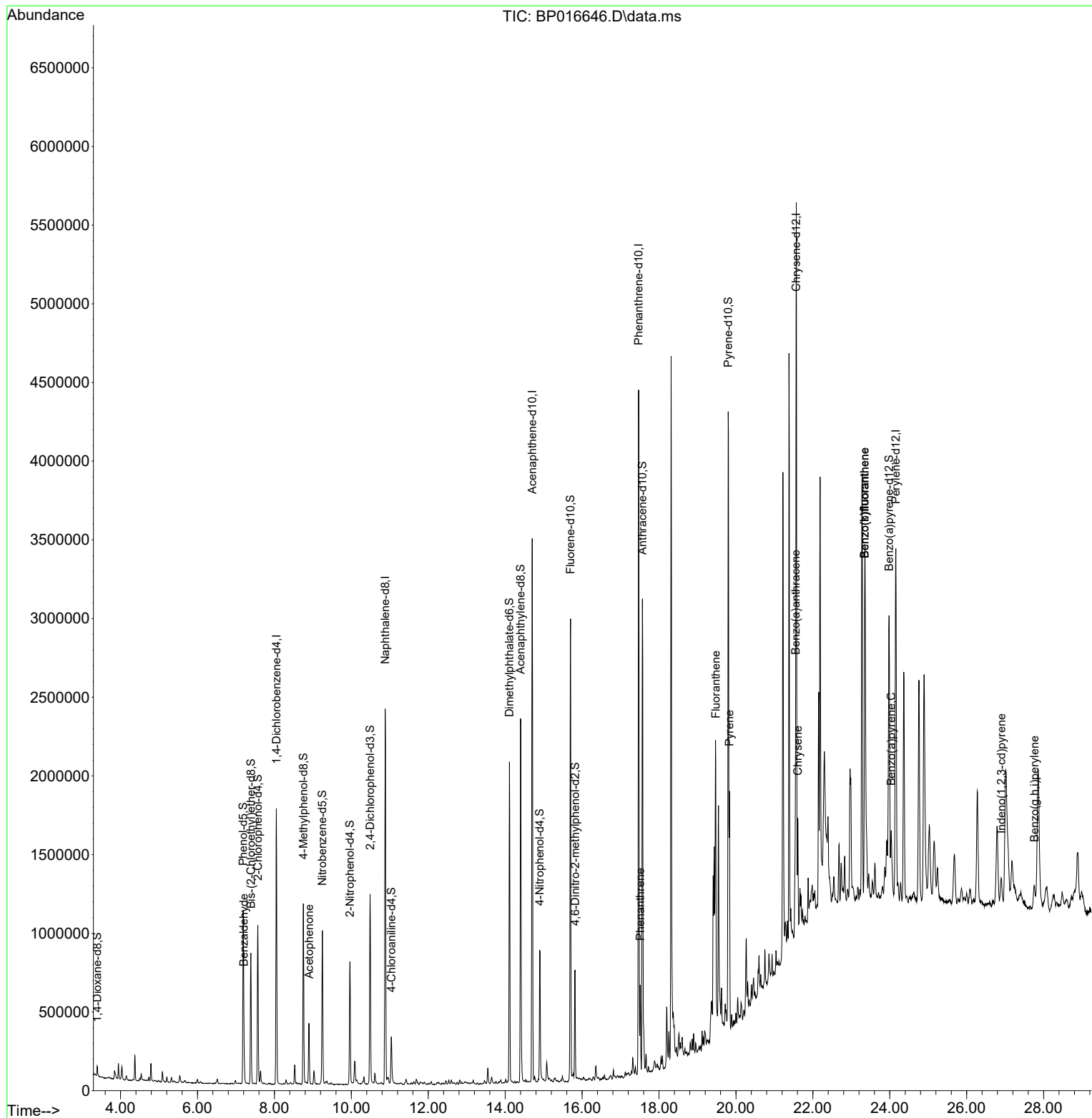
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	402681	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1854049	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	1114090	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2380324	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1867379	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1669494	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33125	3.126	ng/uL	0.00
4) Pyridine-d5	3.840	84	18619	0.577	ng/ul	0.01
7) Phenol-d5	7.187	99	607160	16.355	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	364071	14.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	426652	16.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	420166	14.234	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	214985	16.479	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	226046	18.243	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	406933	16.689	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	169223	4.045	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1248397	15.492	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1457780	16.028	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	202914	12.361	ng/ul	0.00
60) Fluorene-d10	15.698	176	1095465	15.946	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	125018	11.040	ng/ul	0.00
73) Anthracene-d10	17.569	188	1599790	15.538	ng/ul	0.00
81) Pyrene-d10	19.798	212	1863595	19.046	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1276700	15.957	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.205	77	38766	1.894	ng/ul	96
16) Acetophenone	8.899	105	194722	4.085	ng/ul	98
72) Phenanthrene	17.510	178	301532	2.404	ng/ul	98
80) Fluoranthene	19.474	202	797784	6.831	ng/ul	100
82) Pyrene	19.827	202	803515	6.516	ng/ul	99
85) Benzo(a)anthracene	21.551	228	408021	3.251	ng/ul	98
87) Chrysene	21.610	228	392227	3.340	ng/ul	99
90) Benzo(b)fluoranthene	23.345	252	497151	5.001	ng/ul#	86
91) Benzo(k)fluoranthene	23.345	252	497151	5.041	ng/ul#	87
93) Benzo(a)pyrene	24.039	252	308290	3.288	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.898	276	209627	1.894	ng/ul	99
96) Benzo(g,h,i)perylene	27.762	276	204723	2.324	ng/ul	98

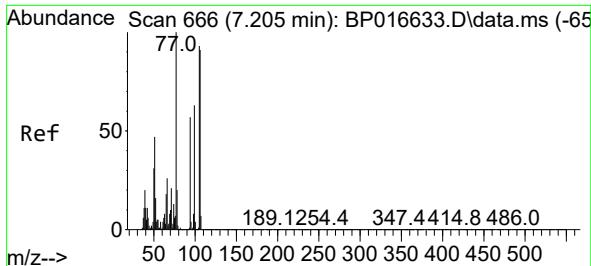
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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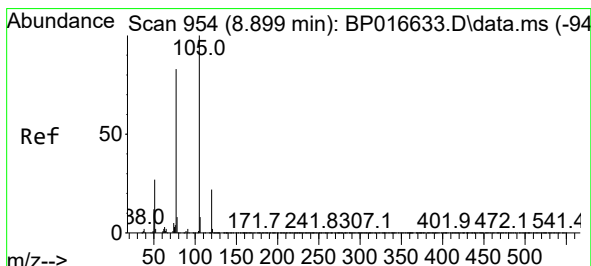
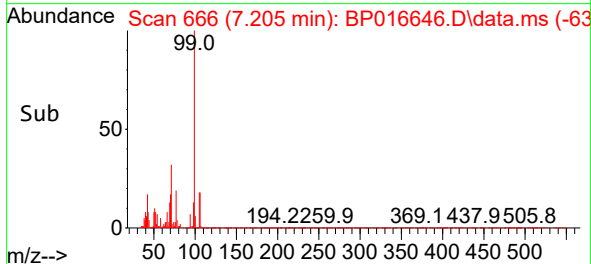
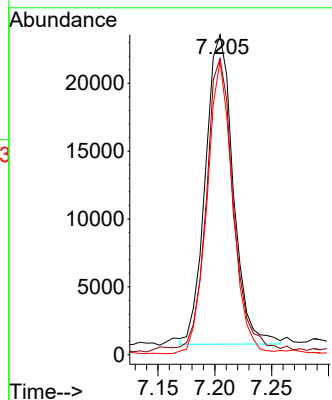
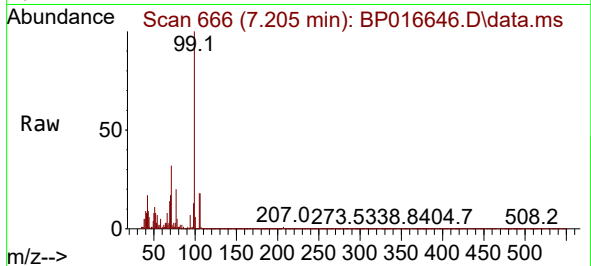




#6
Benzaldehyde
Concen: 1.894 ng/ul
RT: 7.205 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

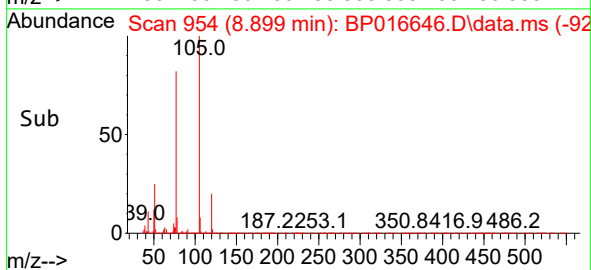
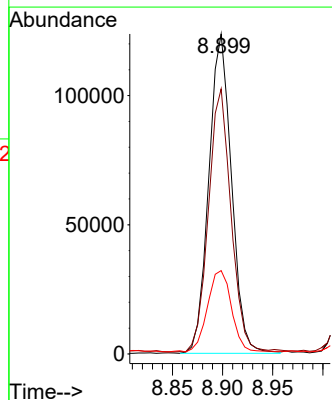
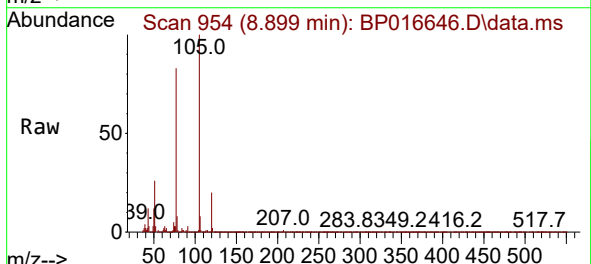
Instrument :
BNA_P
ClientSampleId :
A48P0

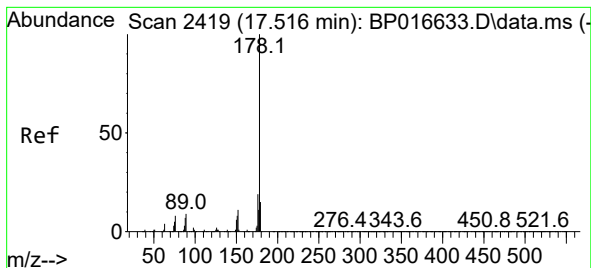
Tgt Ion: 77 Resp: 38766
Ion Ratio Lower Upper
77 100
105 92.6 71.8 107.6
106 91.8 70.2 105.2



#16
Acetophenone
Concen: 4.085 ng/ul
RT: 8.899 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

Tgt Ion: 105 Resp: 194722
Ion Ratio Lower Upper
105 100
77 82.9 64.4 96.6
51 26.0 21.2 31.8





#72

Phenanthrene

Concen: 2.404 ng/ul

RT: 17.510 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

BNA_P

ClientSampleId :

A48P0

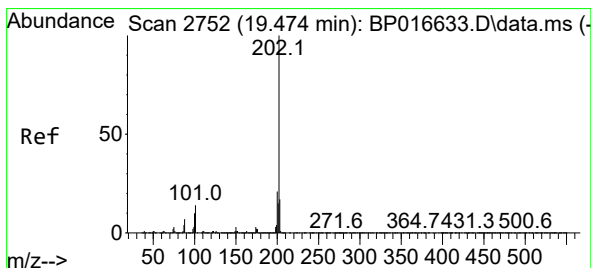
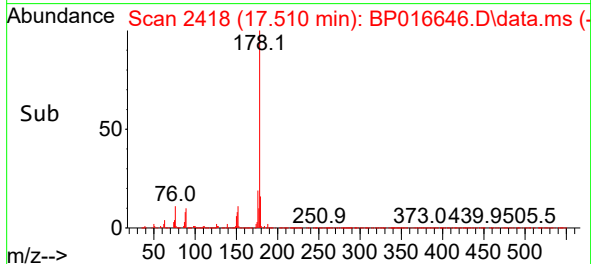
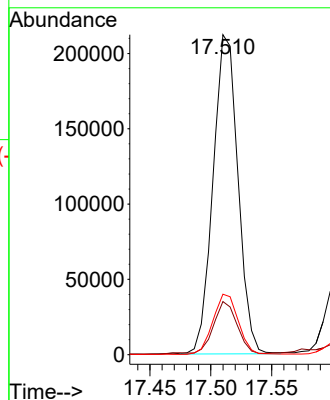
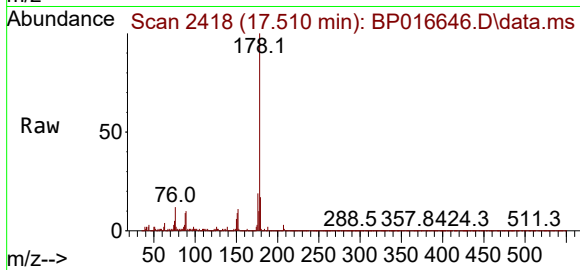
Tgt Ion:178 Resp: 301532

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 18.9 15.5 23.3



#80

Fluoranthene

Concen: 6.831 ng/ul

RT: 19.474 min Scan# 2752

Delta R.T. 0.006 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

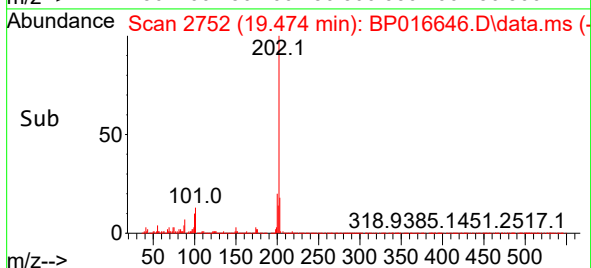
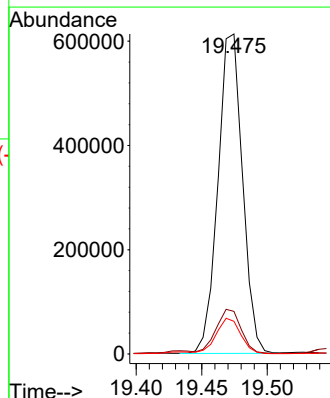
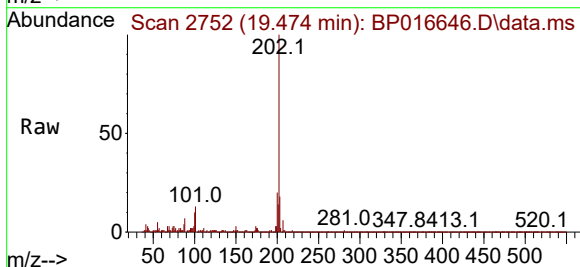
Tgt Ion:202 Resp: 797784

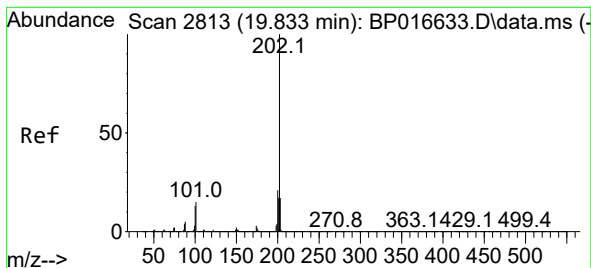
Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

100 10.2 8.1 12.1





#82

Pyrene

Concen: 6.516 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

BNA_P

ClientSampleId :

A48P0

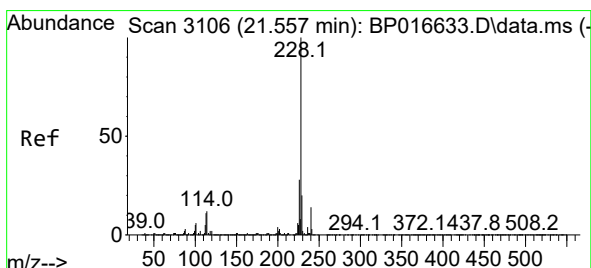
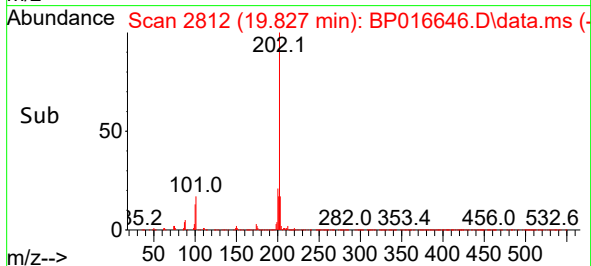
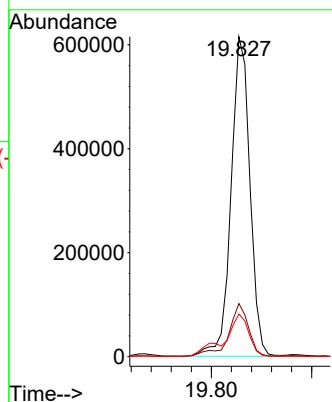
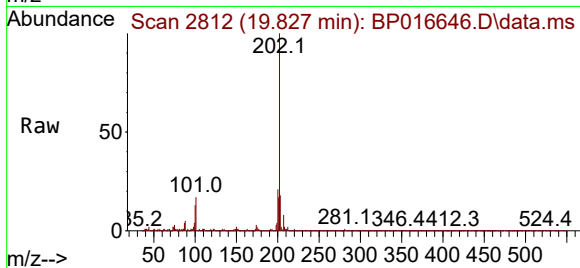
Tgt Ion:202 Resp: 803515

Ion Ratio Lower Upper

202 100

101 16.6 13.4 20.2

100 13.4 11.0 16.4



#85

Benzo(a)anthracene

Concen: 3.251 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

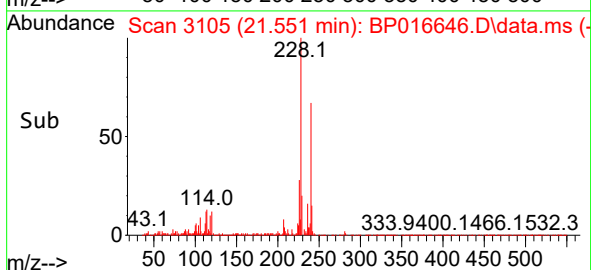
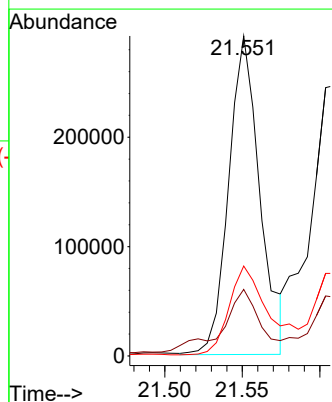
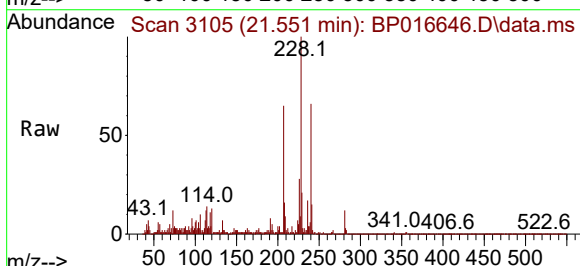
Tgt Ion:228 Resp: 408021

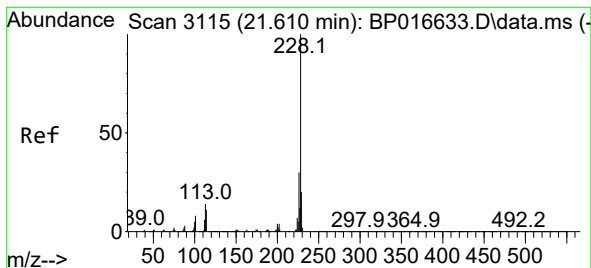
Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

226 28.1 21.8 32.6





#87

Chrysene

Concen: 3.340 ng/ul

RT: 21.610 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

BNA_P

ClientSampleId :

A48P0

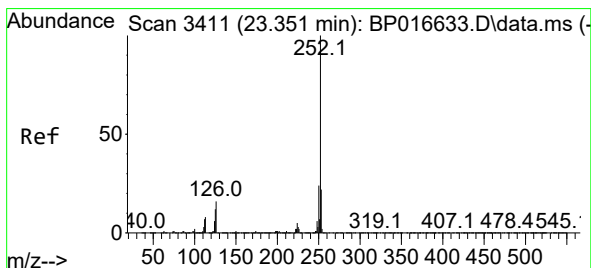
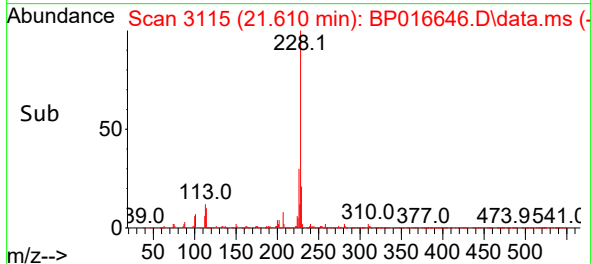
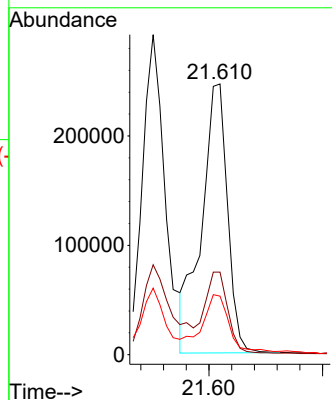
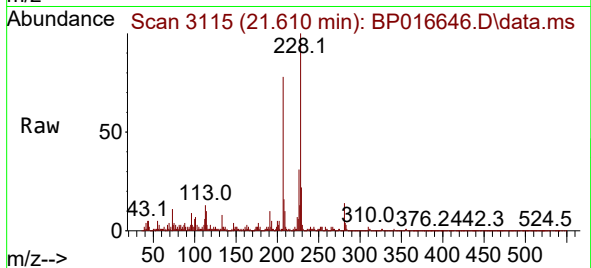
Tgt Ion:228 Resp: 392227

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

229 21.7 16.4 24.6



#90

Benzo(b)fluoranthene

Concen: 5.001 ng/ul

RT: 23.345 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

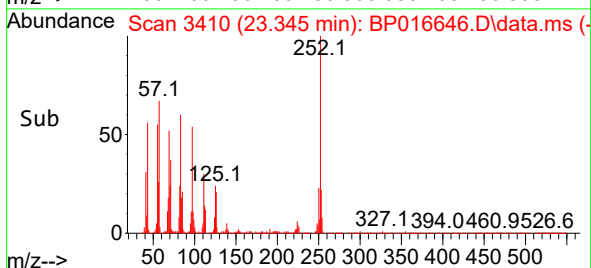
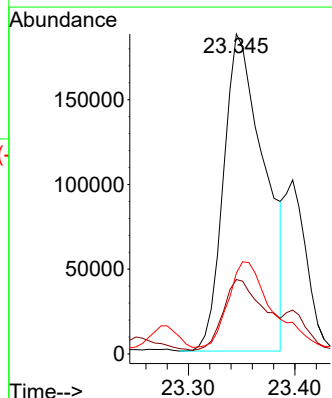
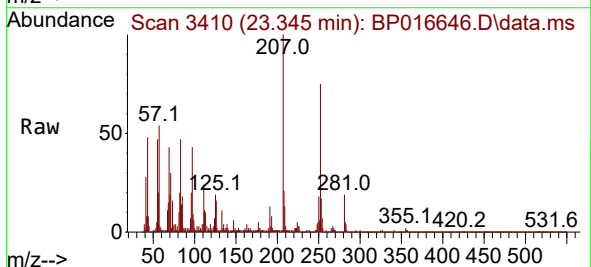
Tgt Ion:252 Resp: 497151

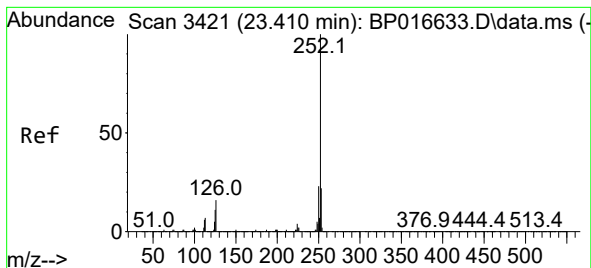
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 25.2 10.0 15.0#





#91

Benzo(k)fluoranthene

Concen: 5.041 ng/ul

RT: 23.345 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

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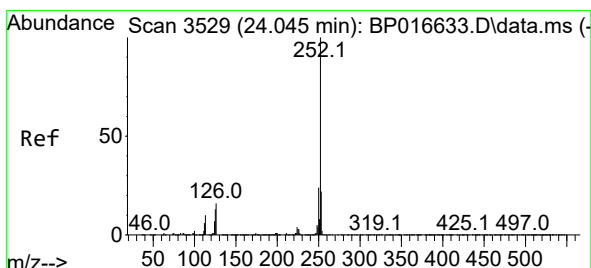
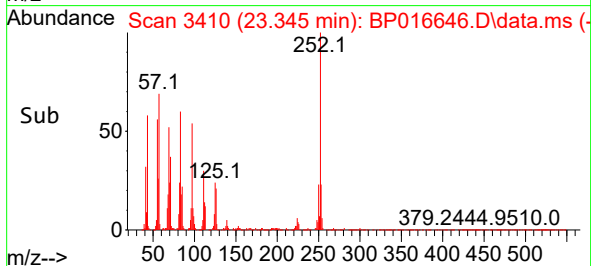
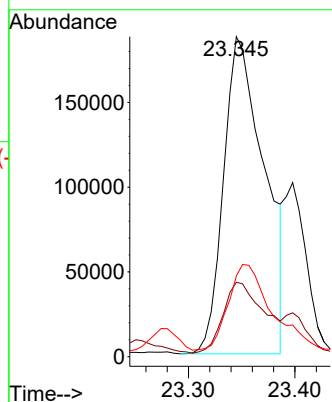
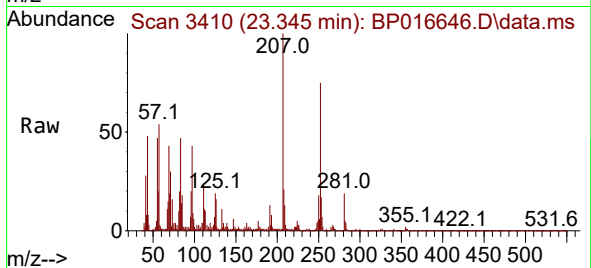
Tgt Ion:252 Resp: 497151

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

125 25.2 9.8 14.8#



#93

Benzo(a)pyrene

Concen: 3.288 ng/ul

RT: 24.039 min Scan# 3528

Delta R.T. 0.012 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

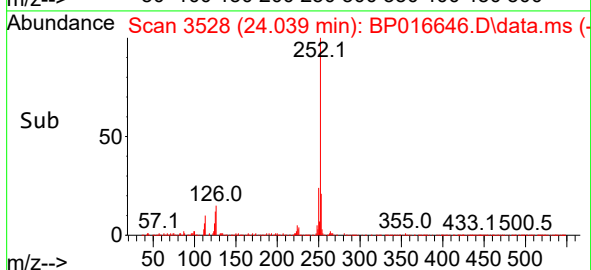
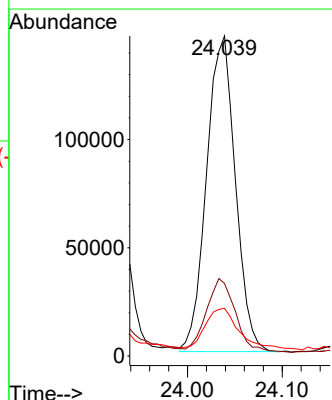
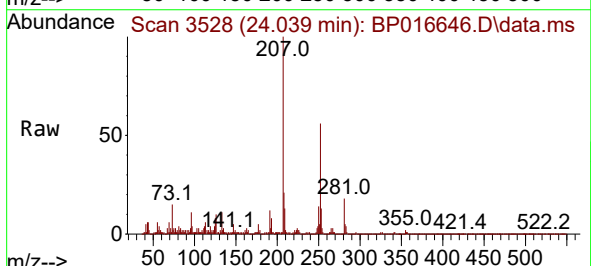
Tgt Ion:252 Resp: 308290

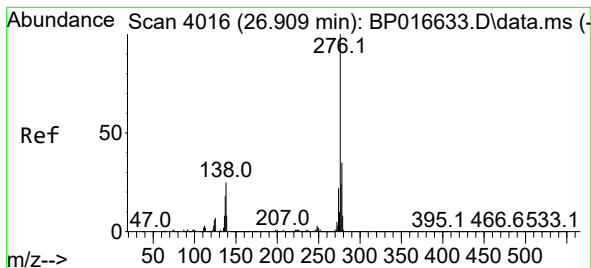
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 14.9 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.894 ng/ul

RT: 26.898 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

BNA_P

ClientSampleId :

A48P0

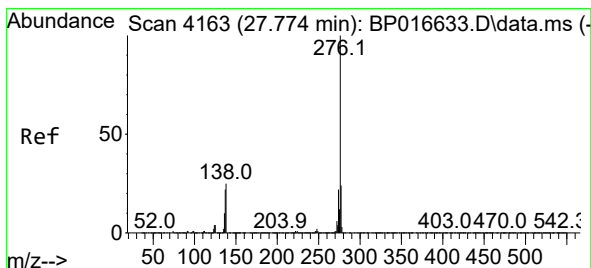
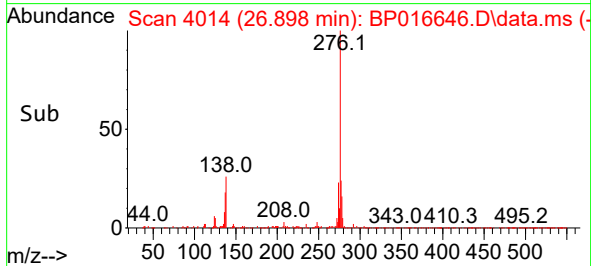
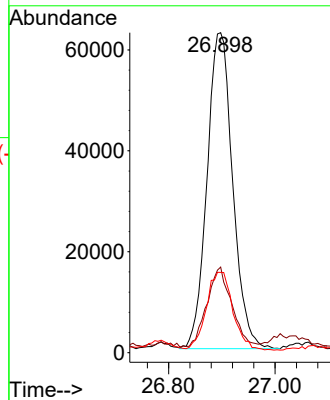
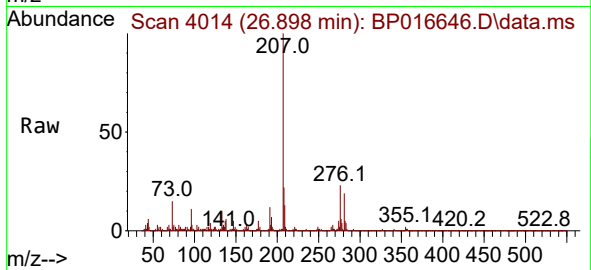
Tgt Ion:276 Resp: 209627

Ion Ratio Lower Upper

276 100

138 26.7 21.7 32.5

277 25.1 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 2.324 ng/ul

RT: 27.762 min Scan# 4161

Delta R.T. 0.017 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Tgt Ion:276 Resp: 204723

Ion Ratio Lower Upper

276 100

138 27.8 21.5 32.3

277 23.0 19.3 28.9

