

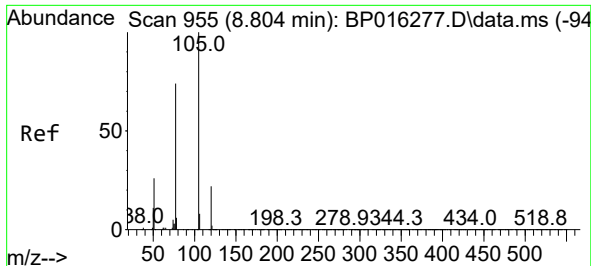
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016291.D
 Acq On : 18 Jul 2023 13:04
 Operator : MA/JU
 Sample : 03458-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 23:27:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	210912	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.775	136	961061	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	634913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1434658	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1364191	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	1385195	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11371	1.908	ng/uL	0.00
4) Pyridine-d5	3.764	84	29167	1.962	ng/ul	0.02
7) Phenol-d5	7.164	99	177676	9.327	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	117696	9.137	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	139509	10.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	68920	4.491	ng/ul	0.04
21) Nitrobenzene-d5	9.169	128	67375	10.162	ng/ul	0.02
24) 2-Nitrophenol-d4	9.893	143	75449	9.984	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.505	165	124856	9.541	ng/ul	0.06
31) 4-Chloroaniline-d4	10.952	131	69	0.003	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	530009	10.943	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	539959	10.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	127	0.013	ng/ul	0.00
60) Fluorene-d10	15.616	176	473134	11.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	110	0.013	ng/ul	-0.04
73) Anthracene-d10	17.481	188	598256	9.533	ng/ul	0.00
81) Pyrene-d10	19.710	212	724956	10.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	351603	5.286	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.828	105	99904	3.948	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.764	70	21763	1.604	ng/ul#	74
72) Phenanthrene	17.416	178	506955	6.782	ng/ul	100
74) Anthracene	17.416	178	508108	6.765	ng/ul	99
80) Fluoranthene	19.387	202	507981	6.137	ng/ul	99
82) Pyrene	19.739	202	454043	5.138	ng/ul	99
85) Benzo(a)anthracene	21.451	228	228533	2.573	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.328	149	280183	4.921	ng/ul	100
87) Chrysene	21.510	228	249382	2.771	ng/ul	99
90) Benzo(b)fluoranthene	23.210	252	220515	2.787	ng/ul	95
91) Benzo(k)fluoranthene	23.210	252	220515	2.739	ng/ul	95

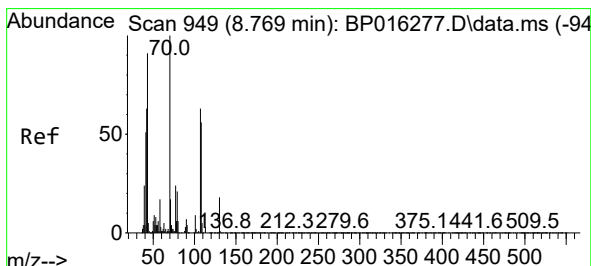
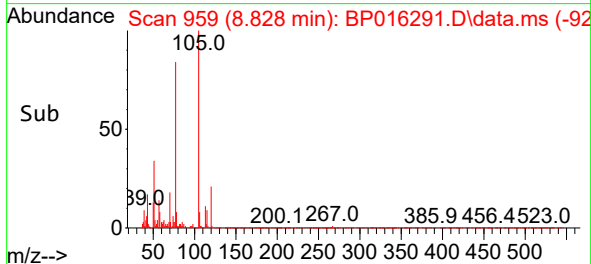
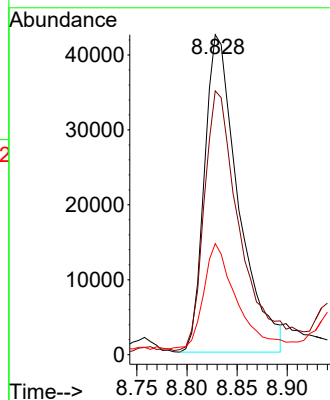
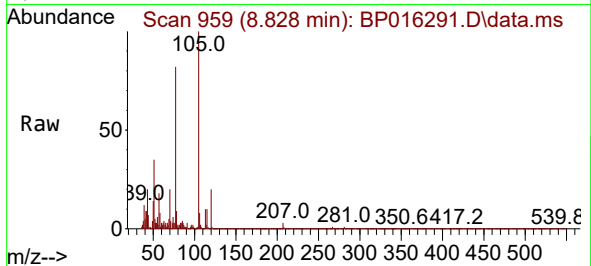
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 3.948 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

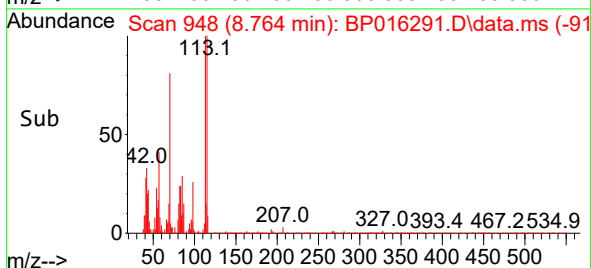
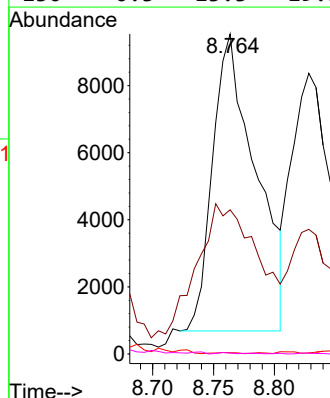
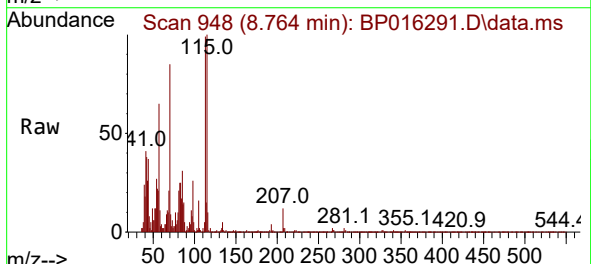
Instrument :
BNA_M
ClientSampleId :

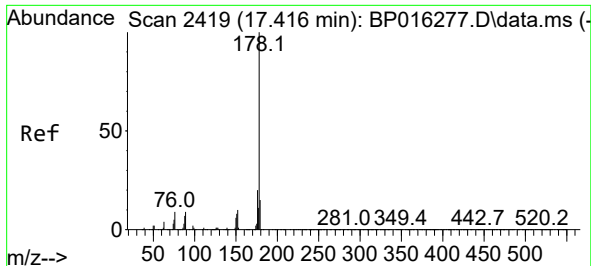
Tgt Ion:105 Resp: 99904
Ion Ratio Lower Upper
105 100
77 82.4 70.2 105.2
51 34.7 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 1.604 ng/ul
RT: 8.764 min Scan# 948
Delta R.T. -0.012 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

Tgt Ion: 70 Resp: 21763
Ion Ratio Lower Upper
70 100
42 45.1 50.8 76.2#
101 0.4 7.0 10.6#
130 0.3 13.3 19.9#

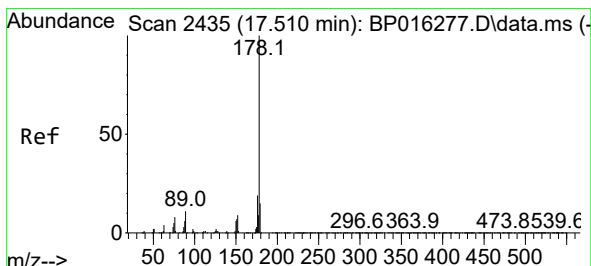
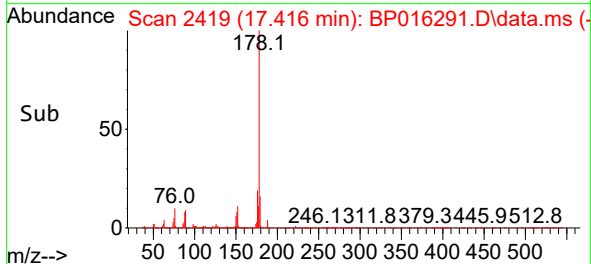
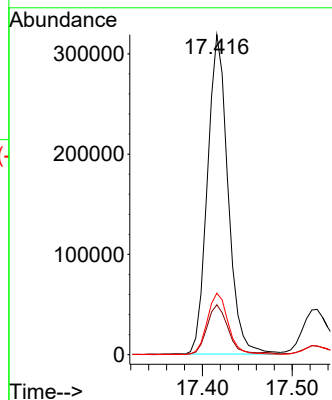
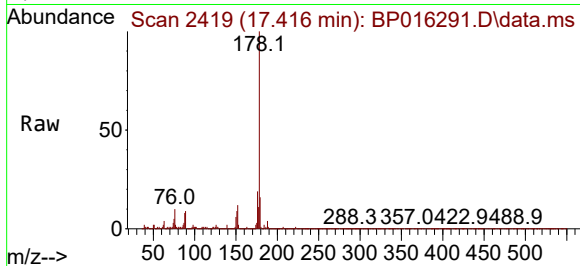




#72
Phenanthrene
Concen: 6.782 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

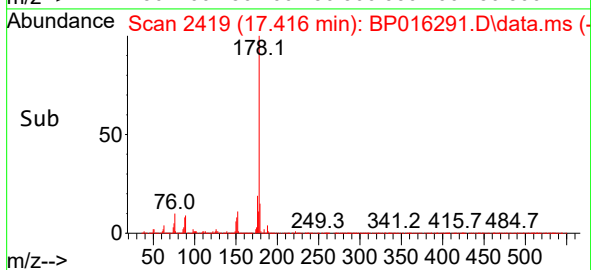
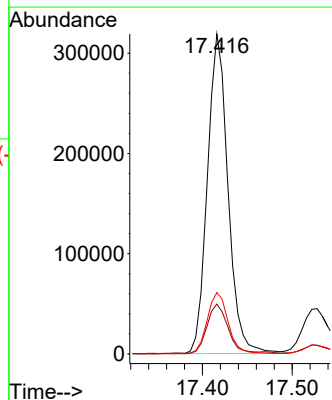
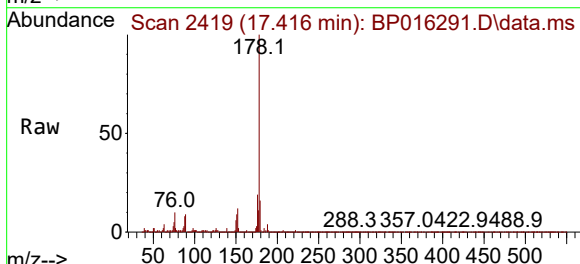
Instrument :
BNA_M
ClientSampleId :

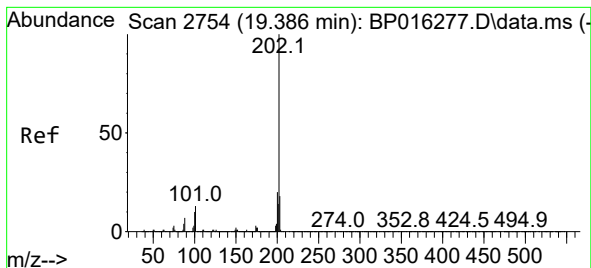
Tgt Ion:178 Resp: 506955
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.2 15.6 23.4



#74
Anthracene
Concen: 6.765 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. -0.100 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

Tgt Ion:178 Resp: 508108
Ion Ratio Lower Upper
178 100
179 15.6 11.9 17.9
176 19.2 15.0 22.4





#80

Fluoranthene

Concen: 6.137 ng/ul

RT: 19.387 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016291.D

Acq: 18 Jul 2023 13:04

Instrument :

BNA_M

ClientSampleId :

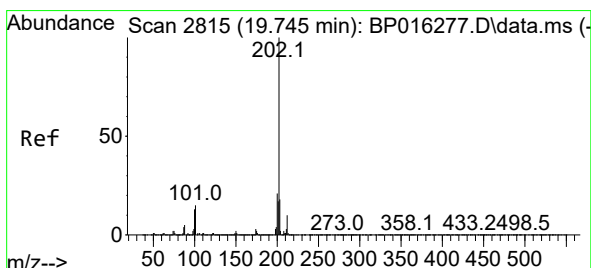
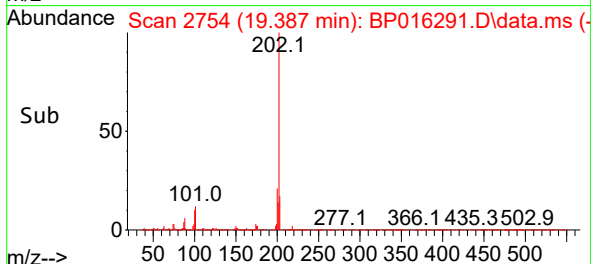
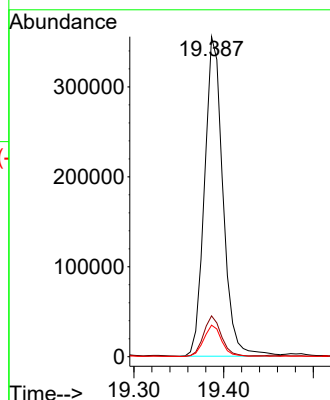
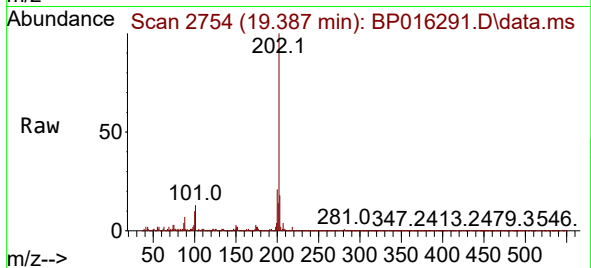
Tgt Ion:202 Resp: 507981

Ion Ratio Lower Upper

202 100

101 12.8 10.4 15.6

100 9.8 8.2 12.4



#82

Pyrene

Concen: 5.138 ng/ul

RT: 19.739 min Scan# 2814

Delta R.T. -0.006 min

Lab File: BP016291.D

Acq: 18 Jul 2023 13:04

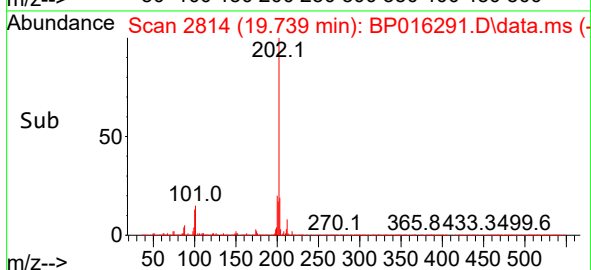
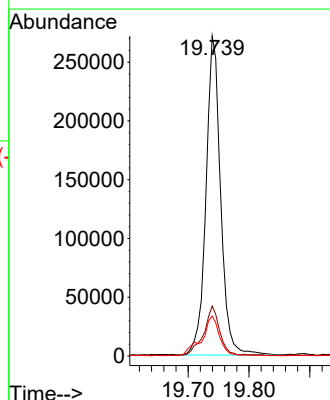
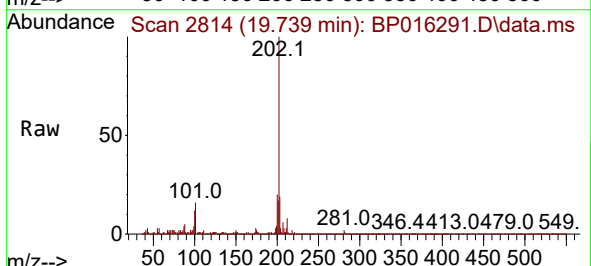
Tgt Ion:202 Resp: 454043

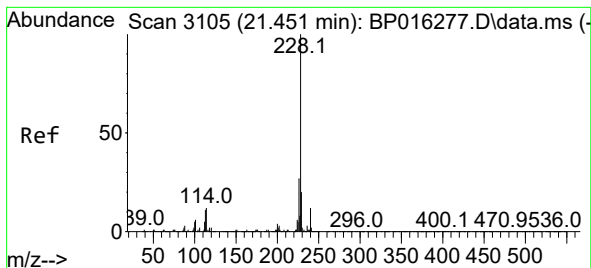
Ion Ratio Lower Upper

202 100

101 15.6 12.4 18.6

100 12.5 10.5 15.7





#85

Benzo(a)anthracene

Concen: 2.573 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP016291.D

Acq: 18 Jul 2023 13:04

Instrument :

BNA_M

ClientSampleId :

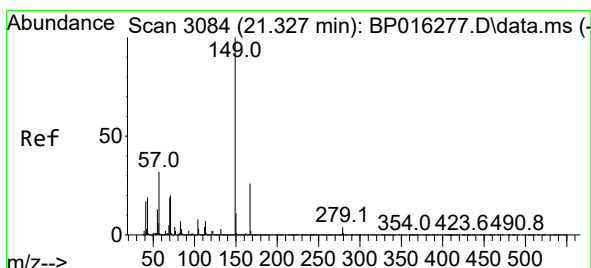
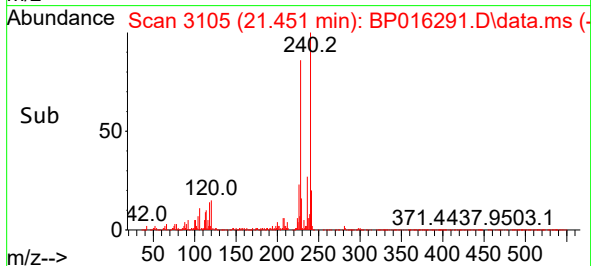
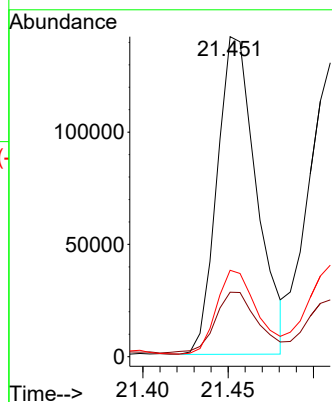
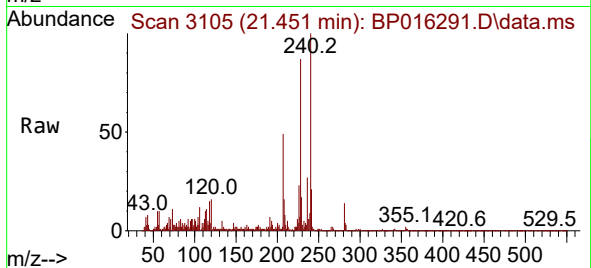
Tgt Ion:228 Resp: 228533

Ion Ratio Lower Upper

228 100

229 20.2 15.5 23.3

226 27.0 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.921 ng/ul

RT: 21.328 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP016291.D

Acq: 18 Jul 2023 13:04

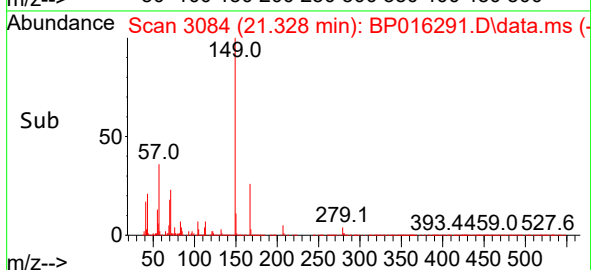
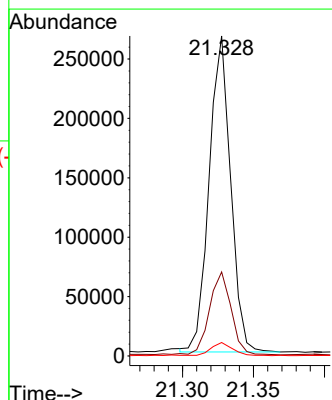
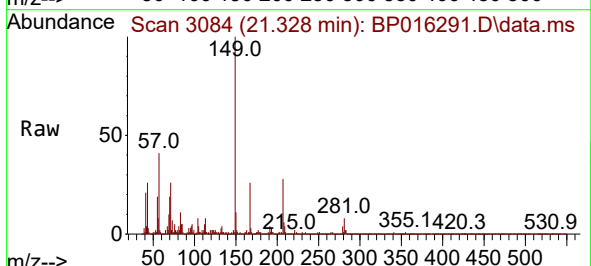
Tgt Ion:149 Resp: 280183

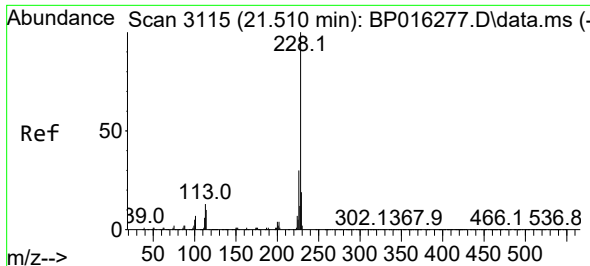
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 4.2 3.0 4.6

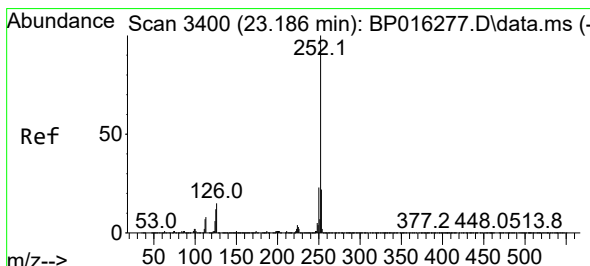
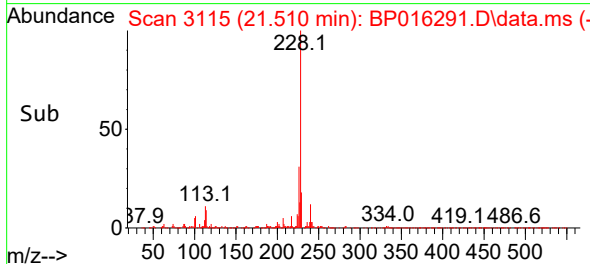
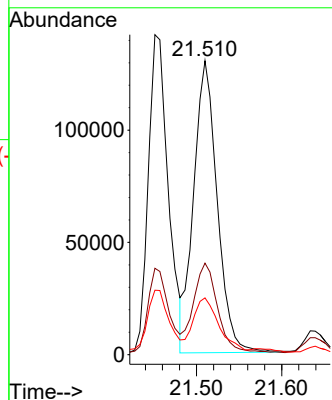
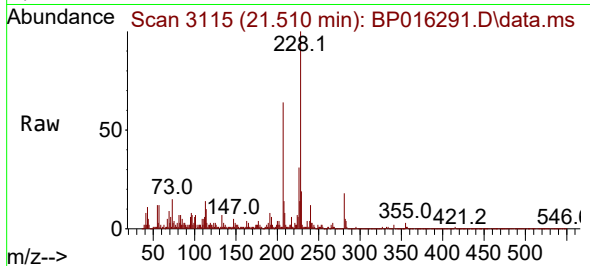




#87
Chrysene
Concen: 2.771 ng/ul
RT: 21.510 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

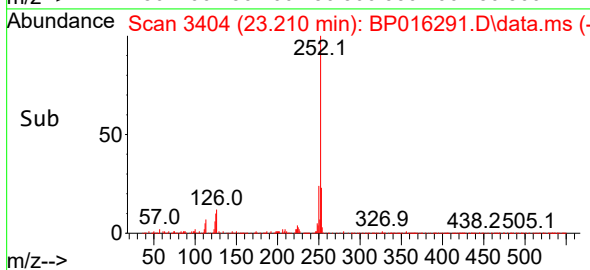
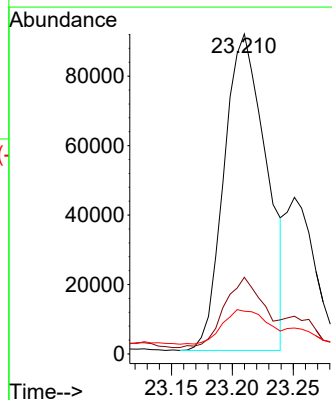
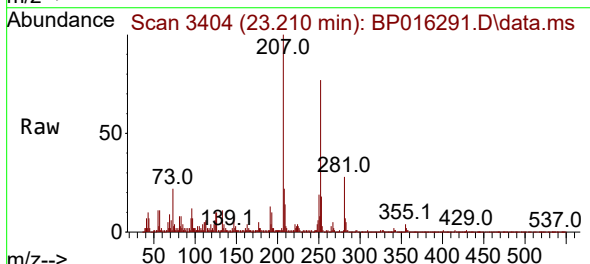
Instrument :
BNA_M
ClientSampleId :

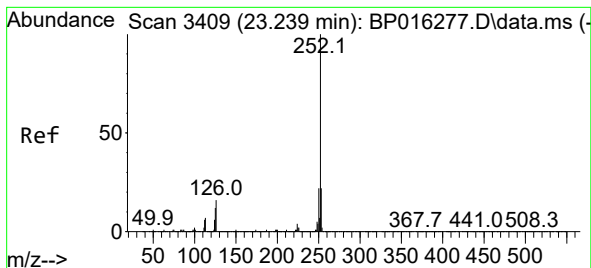
Tgt Ion:228 Resp: 249382
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 19.3 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 2.787 ng/ul
RT: 23.210 min Scan# 3404
Delta R.T. 0.018 min
Lab File: BP016291.D
Acq: 18 Jul 2023 13:04

Tgt Ion:252 Resp: 220515
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 13.3 9.4 14.0





#91

Benzo(k)fluoranthene

Concen: 2.739 ng/ul

RT: 23.210 min Scan# 34

Delta R.T. -0.035 min

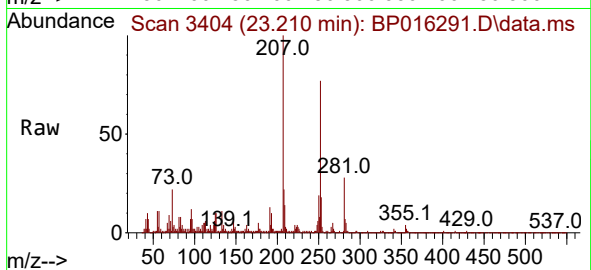
Lab File: BP016291.D

Acq: 18 Jul 2023 13:04

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:252 Resp: 220515

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 13.3 9.3 13.9

