

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058298.D
 Acq On : 18 Jul 2023 12:54
 Operator : CG/JU
 Sample : 03444-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:15:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

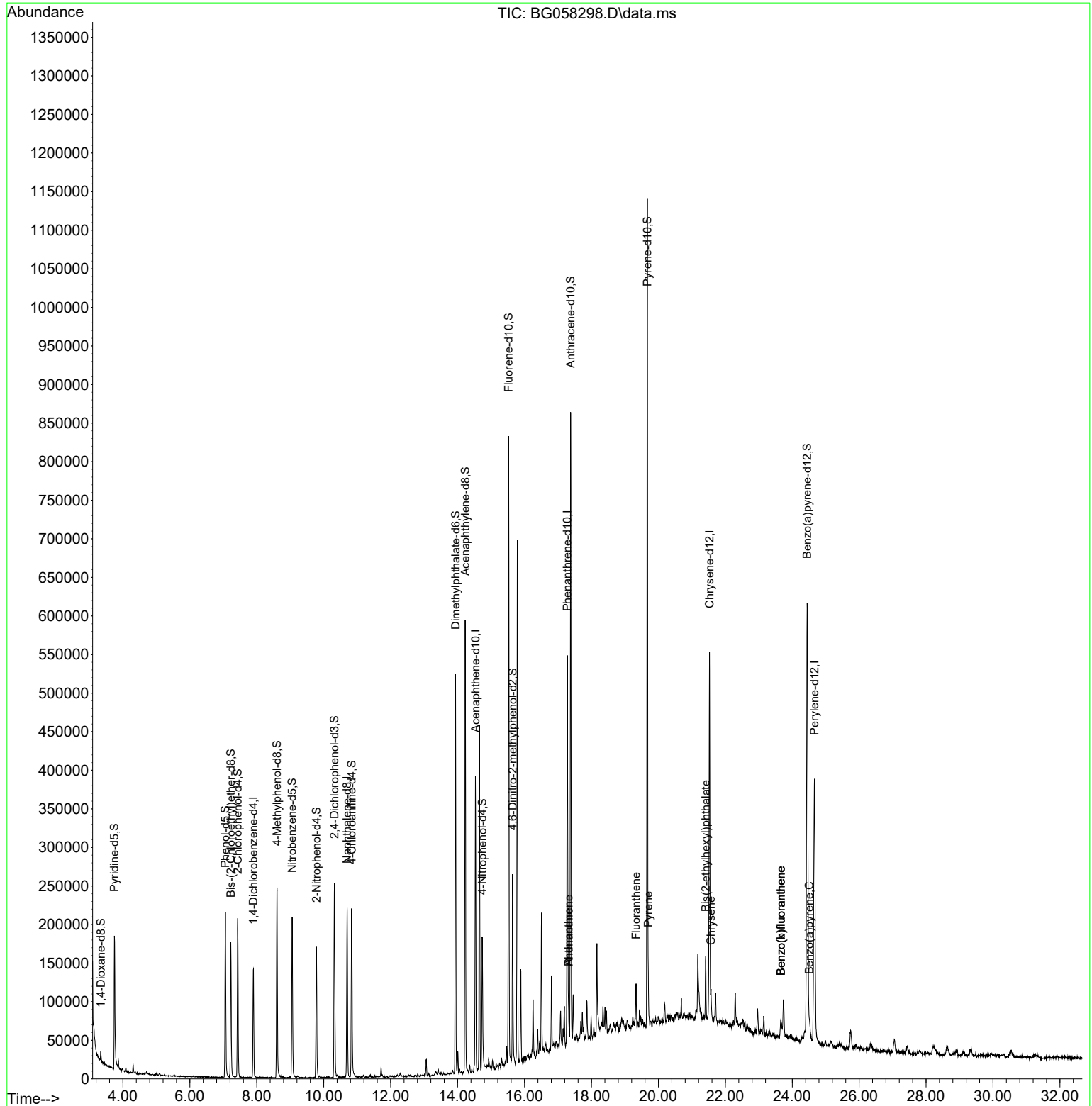
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	42010	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	188572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	138791	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	332101	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	286844	20.000	ng/ul	0.00
88) Perylene-d12	24.664	264	352336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	6764	5.926	ng/uL	0.00
4) Pyridine-d5	3.747	84	99683	29.424	ng/ul	0.00
7) Phenol-d5	7.061	99	134711	33.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	88710	35.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.431	132	99550	35.686	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	101881	33.516	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	50851	35.976	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	58708	38.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	102840	34.766	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	128920	30.063	ng/ul	0.00
46) Dimethylphthalate-d6	13.941	166	360633	33.696	ng/ul	0.00
49) Acenaphthylene-d8	14.229	160	410245	36.577	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	51620	31.937	ng/ul	0.00
60) Fluorene-d10	15.527	176	329750	37.214	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	54307	32.096	ng/ul	0.00
73) Anthracene-d10	17.378	188	508467	35.434	ng/ul	0.00
81) Pyrene-d10	19.670	212	610442	36.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.446	264	625168	36.711	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.319	178	17113	1.084	ng/ul#	91
74) Anthracene	17.319	178	17432	1.100	ng/ul	94
80) Fluoranthene	19.335	202	35851	1.847	ng/ul#	97
82) Pyrene	19.699	202	36539	1.858	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.415	149	30478	2.767	ng/ul#	98
87) Chrysene	21.573	228	21213	1.160	ng/ul	91
90) Benzo(b)fluoranthene	23.665	252	27112	1.330	ng/ul#	94
91) Benzo(k)fluoranthene	23.665	252	27112	1.333	ng/ul#	95
93) Benzo(a)pyrene	24.511	252	19248	1.062	ng/ul#	84

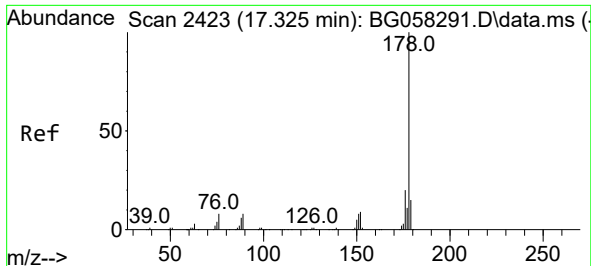
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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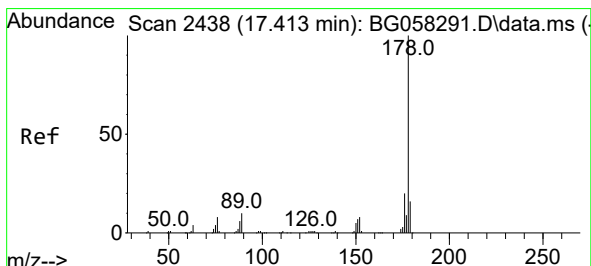
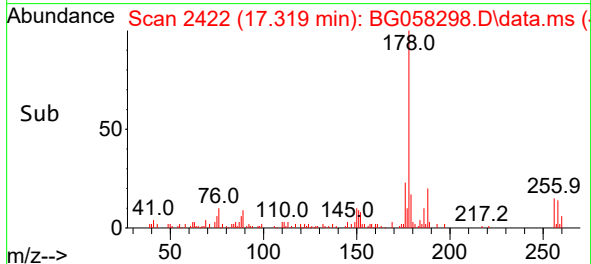
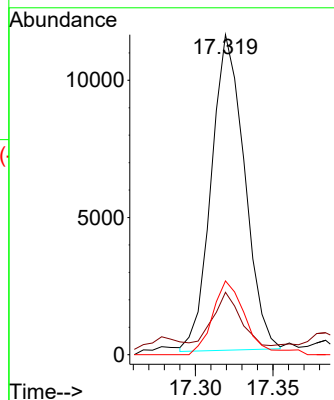
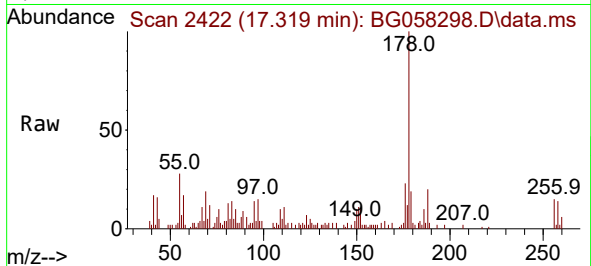




#72
Phenanthrene
Concen: 1.084 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG058298.D
Acq: 18 Jul 2023 12:54

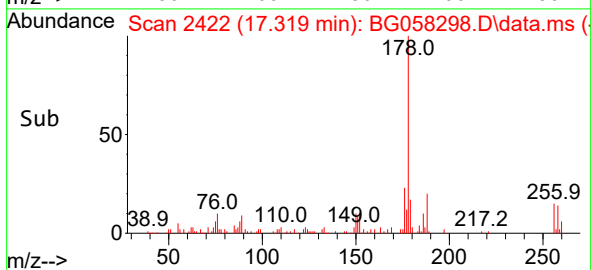
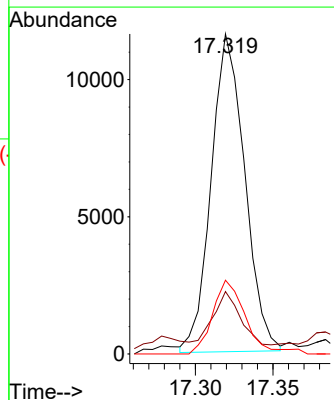
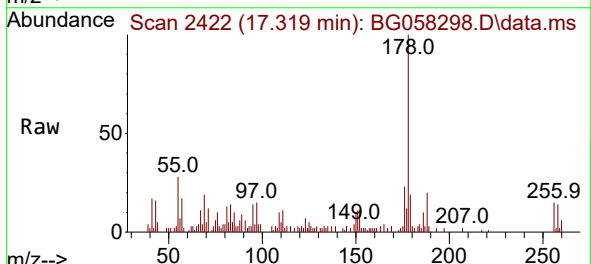
Instrument :
BNA_M
ClientSampleId :

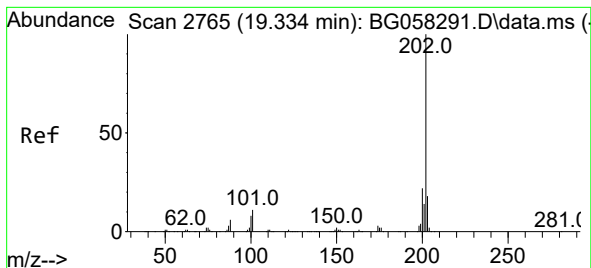
Tgt Ion:178 Resp: 17113
Ion Ratio Lower Upper
178 100
179 19.5 11.9 17.9#
176 23.1 15.8 23.8



#74
Anthracene
Concen: 1.100 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.098 min
Lab File: BG058298.D
Acq: 18 Jul 2023 12:54

Tgt Ion:178 Resp: 17432
Ion Ratio Lower Upper
178 100
179 19.5 13.4 20.2
176 23.1 16.2 24.2





#80

Fluoranthene

Concen: 1.847 ng/ul

RT: 19.335 min Scan# 21

Delta R.T. 0.002 min

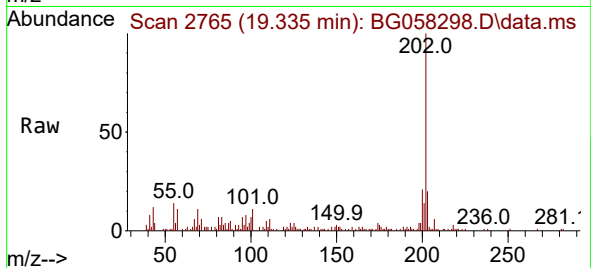
Lab File: BG058298.D

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Instrument :

BNA_M

ClientSampleId :



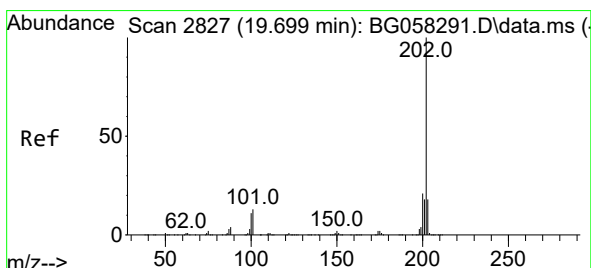
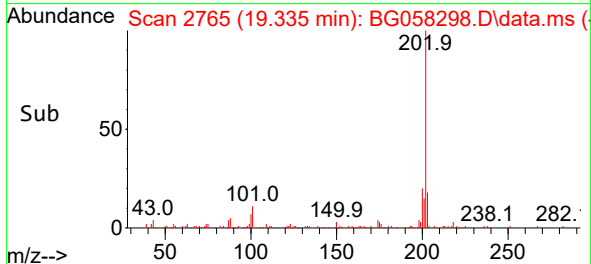
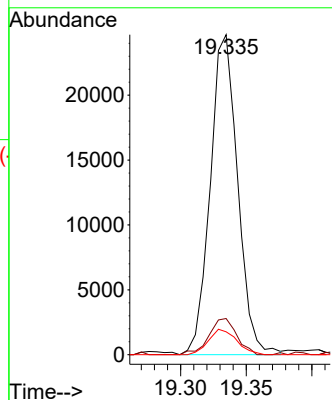
Tgt Ion:202 Resp: 35851

Ion Ratio Lower Upper

202 100

101 11.3 8.6 12.8

100 7.2 7.2 10.8#



#82

Pyrene

Concen: 1.858 ng/ul

RT: 19.699 min Scan# 2827

Delta R.T. 0.002 min

Lab File: BG058298.D

Acq: 18 Jul 2023 12:54

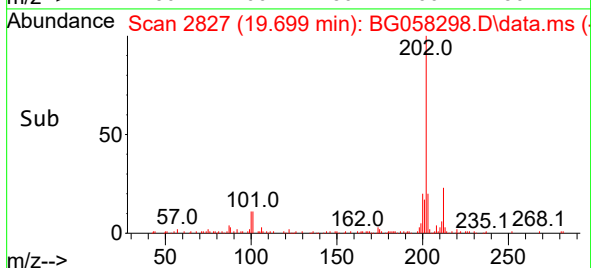
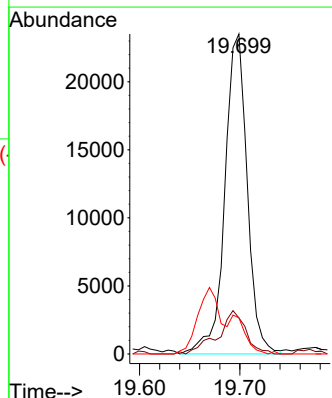
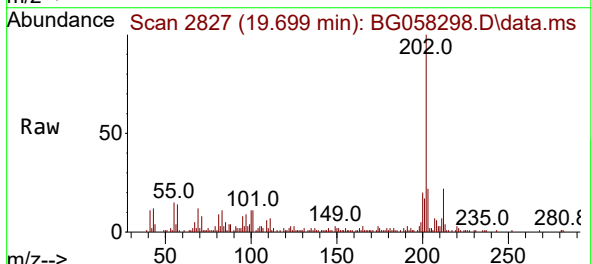
Tgt Ion:202 Resp: 36539

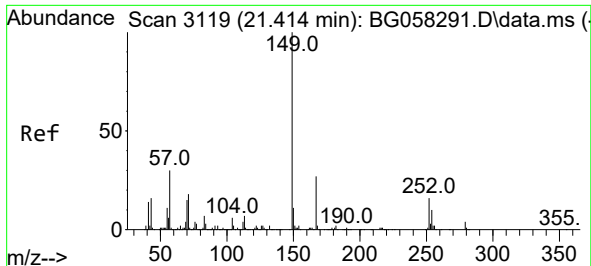
Ion Ratio Lower Upper

202 100

101 11.3 10.2 15.2

100 11.3 8.9 13.3

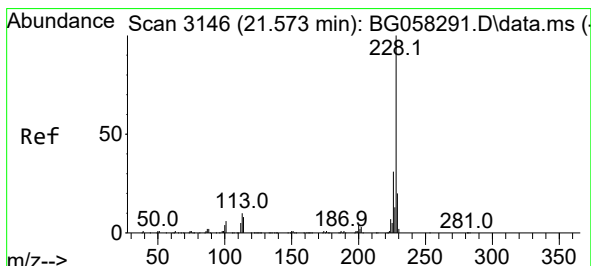
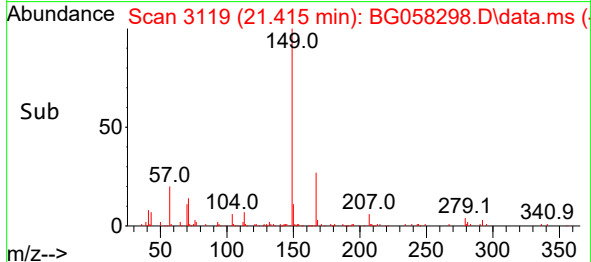
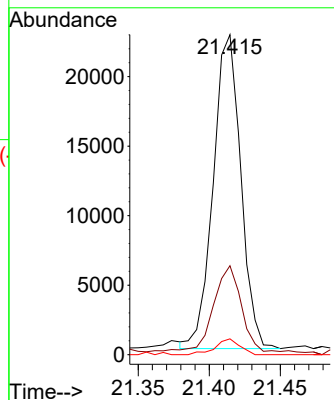
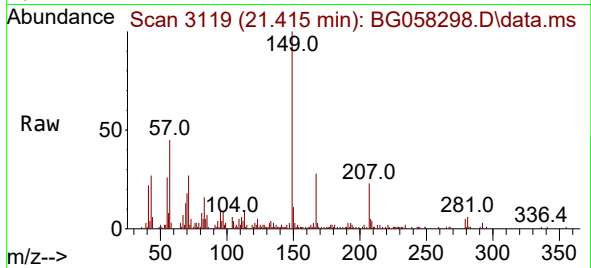




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.767 ng/ul
 RT: 21.415 min Scan# 3119
 Delta R.T. 0.002 min
 Lab File: BG058298.D
 Acq: 18 Jul 2023 12:54

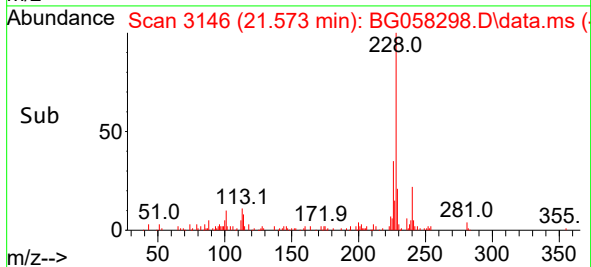
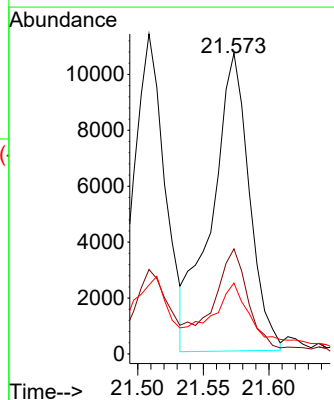
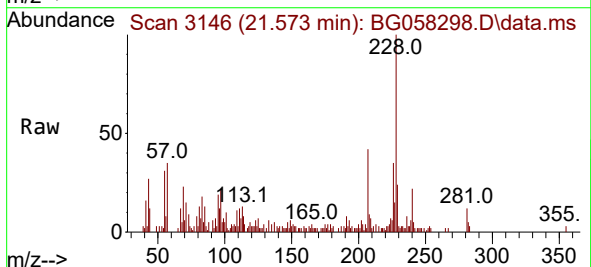
Instrument :
 BNA_M
 ClientSampleId :

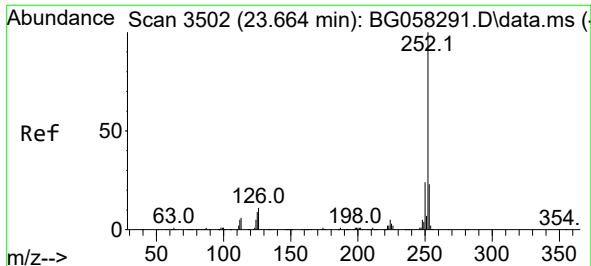
Tgt Ion:149 Resp: 30478
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.6 32.4
 279 4.9 3.0 4.4#



#87
 Chrysene
 Concen: 1.160 ng/ul
 RT: 21.573 min Scan# 3146
 Delta R.T. -0.004 min
 Lab File: BG058298.D
 Acq: 18 Jul 2023 12:54

Tgt Ion:228 Resp: 21213
 Ion Ratio Lower Upper
 228 100
 226 35.0 24.0 36.0
 229 23.6 15.8 23.8

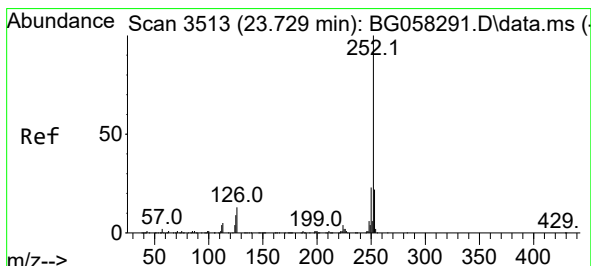
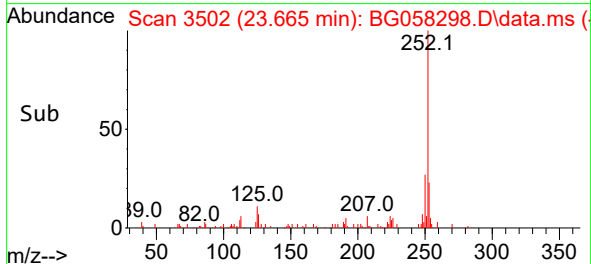
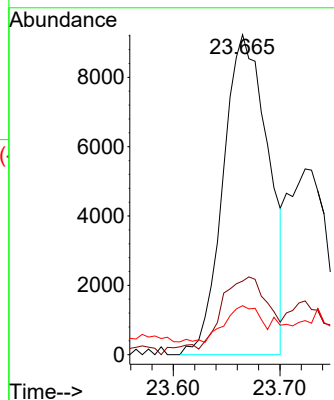
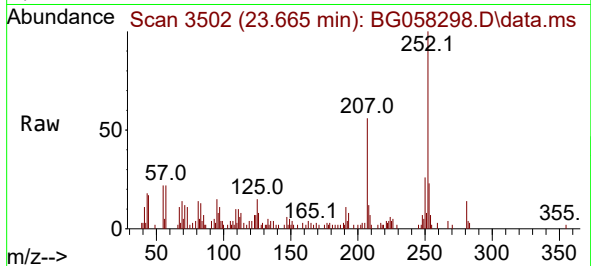




#90
Benzo(b)fluoranthene
Concen: 1.330 ng/ul
RT: 23.665 min Scan# 3502
Delta R.T. -0.004 min
Lab File: BG058298.D
Acq: 18 Jul 2023 12:54

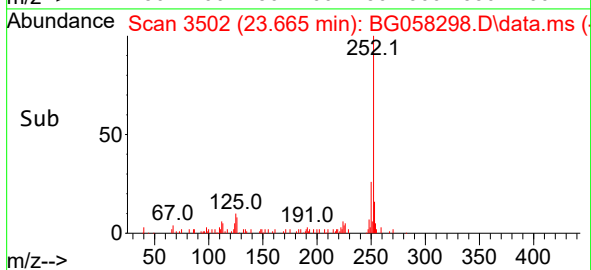
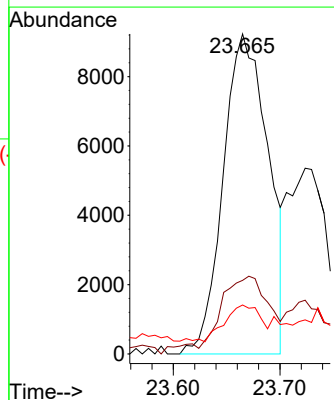
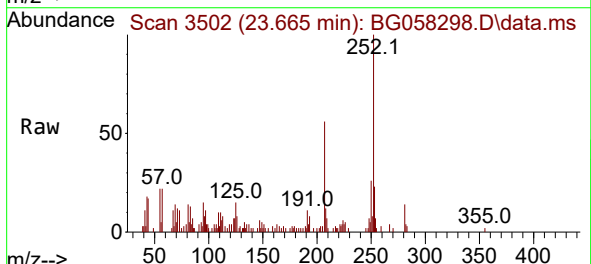
Instrument :
BNA_M
ClientSampleId :

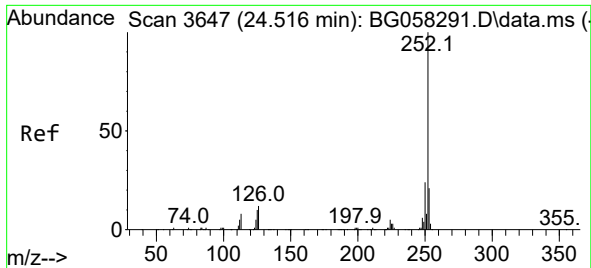
Tgt Ion:252 Resp: 27112
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 15.3 6.7 10.1#



#91
Benzo(k)fluoranthene
Concen: 1.333 ng/ul
RT: 23.665 min Scan# 3502
Delta R.T. -0.068 min
Lab File: BG058298.D
Acq: 18 Jul 2023 12:54

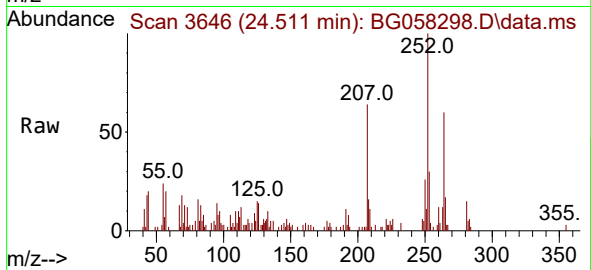
Tgt Ion:252 Resp: 27112
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 15.3 7.4 11.0#





#93
 Benzo(a)pyrene
 Concen: 1.062 ng/ul
 RT: 24.511 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG058298.D
 Acq: 18 Jul 2023 12:54

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:252 Resp: 19248
 Ion Ratio Lower Upper
 252 100
 253 29.6 17.4 26.0#
 125 15.0 7.7 11.5#

