

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058228.D
 Acq On : 14 Jul 2023 12:53
 Operator : CG/JU
 Sample : 03418-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46F0

Quant Time: Jul 15 01:46:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

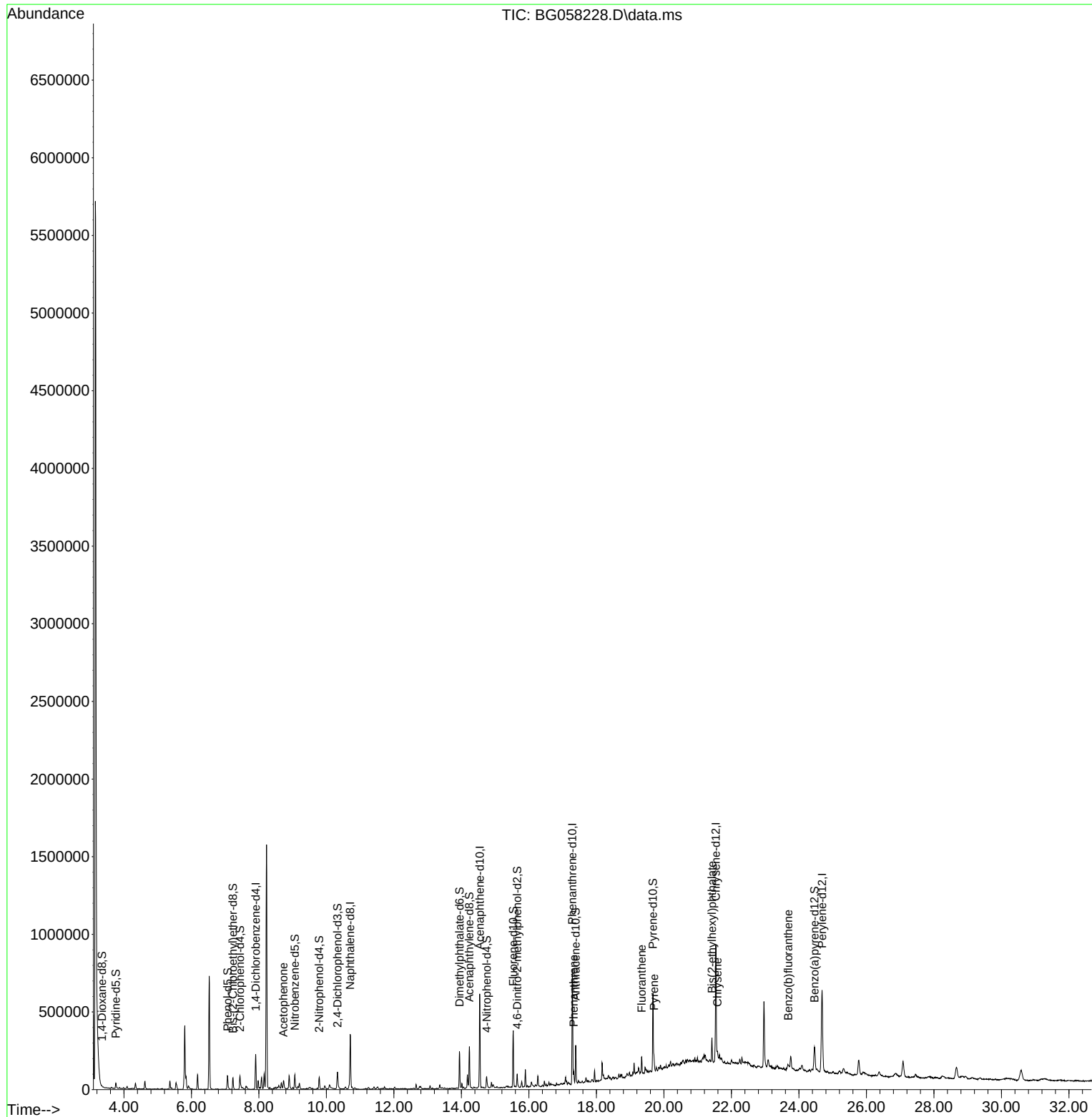
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	64143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	305243	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.541	164	219006	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.285	188	492476	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	426991	20.000	ng/u1	0.00
88) Perylene-d12	24.688	264	511222	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	2542	1.388	ng/uL	0.00
4) Pyridine-d5	3.760	84	20254	3.642	ng/u1	0.00
7) Phenol-d5	7.073	99	56214	8.581	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	38046	9.638	ng/u1	0.00
11) 2-Chlorophenol-d4	7.438	132	39713	8.790	ng/u1	0.00
15) 4-Methylphenol-d8	8.613	113	4741	0.959	ng/u1	0.00
21) Nitrobenzene-d5	9.065	128	22103	8.884	ng/u1	0.00
24) 2-Nitrophenol-d4	9.788	143	26083	9.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	39336	7.842	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	1733	0.228	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	163174	9.443	ng/u1	0.00
49) Acenaphthylene-d8	14.236	160	177119	9.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	20670	6.771	ng/u1	0.00
60) Fluorene-d10	15.534	176	151488	10.323	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	19520	7.299	ng/u1	0.00
73) Anthracene-d10	17.385	188	151826	6.644	ng/u1	0.00
81) Pyrene-d10	19.676	212	290528	10.803	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.459	264	176984	6.795	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.724	105	22491	2.743	ng/u1	98
72) Phenanthrene	17.326	178	46001	1.836	ng/u1	98
80) Fluoranthene	19.341	202	70747	2.270	ng/u1	99
82) Pyrene	19.706	202	62294	1.986	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.421	149	60432	3.315	ng/u1	98
87) Chrysene	21.586	228	30987	1.078	ng/u1	98
90) Benzo(b)fluoranthene	23.683	252	36570	1.155	ng/u1#	88

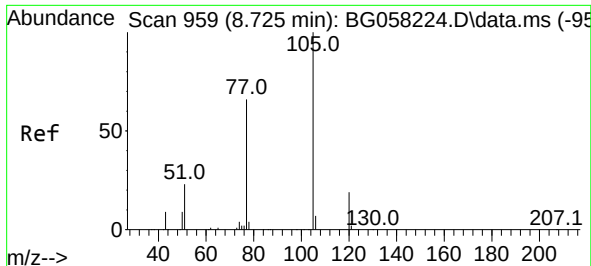
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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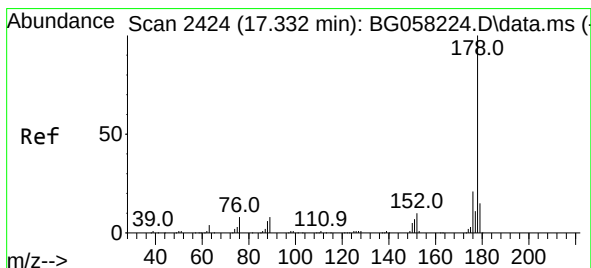
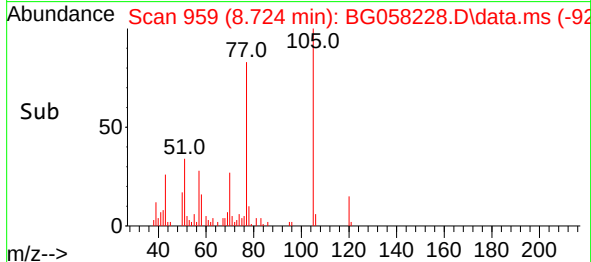
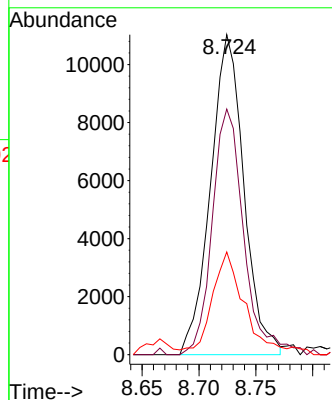
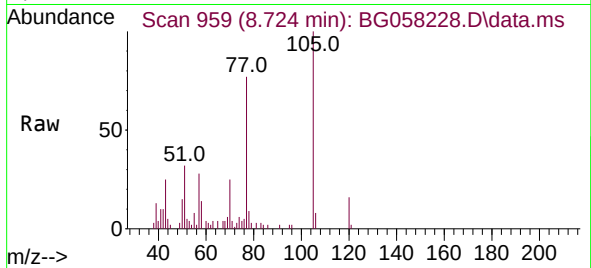




#16
Acetophenone
Concen: 2.743 ng/ul
RT: 8.724 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG058228.D
Acq: 14 Jul 2023 12:53

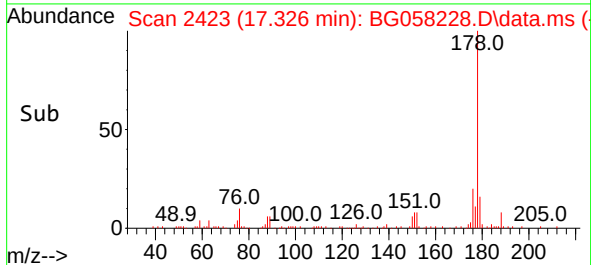
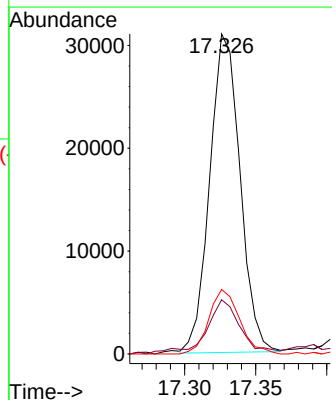
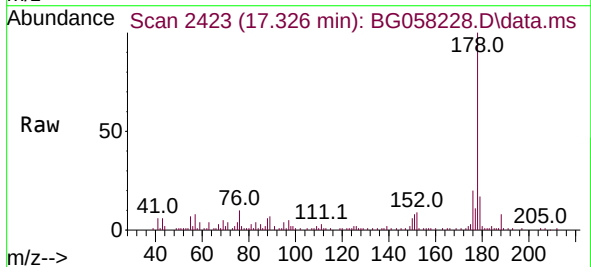
Instrument :
BNA_G
ClientSampleId :
A46F0

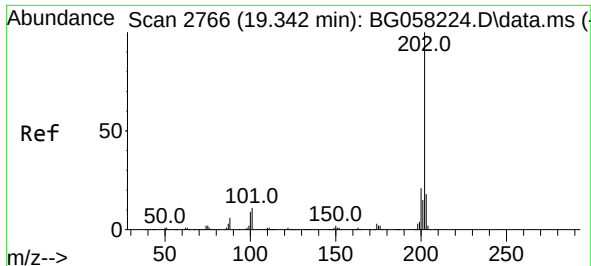
Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.8	61.2	91.8
51	32.1	23.5	35.3



#72
Phenanthrene
Concen: 1.836 ng/ul
RT: 17.326 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG058228.D
Acq: 14 Jul 2023 12:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	20.1	15.7	23.5

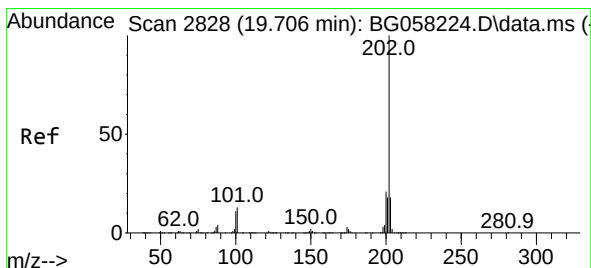
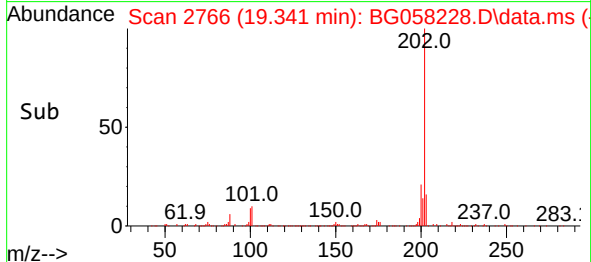
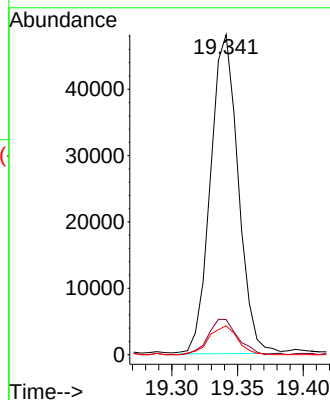
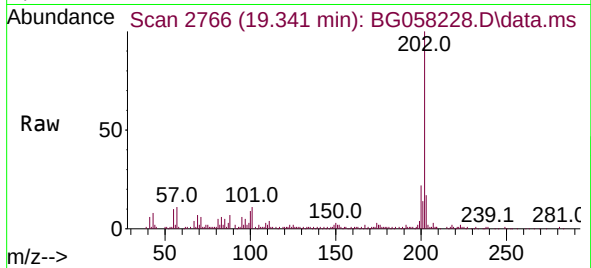




#80
Fluoranthene
Concen: 2.270 ng/ul
RT: 19.341 min Scan# 2766
Delta R.T. -0.004 min
Lab File: BG058228.D
Acq: 14 Jul 2023 12:53

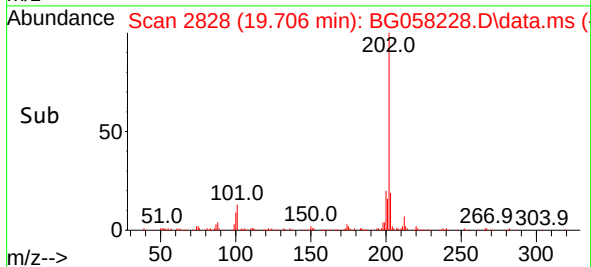
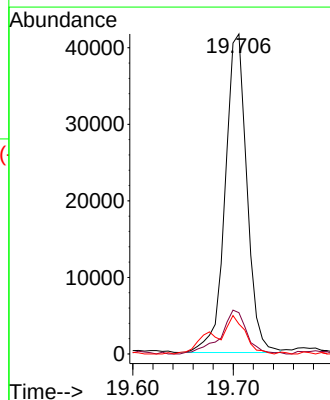
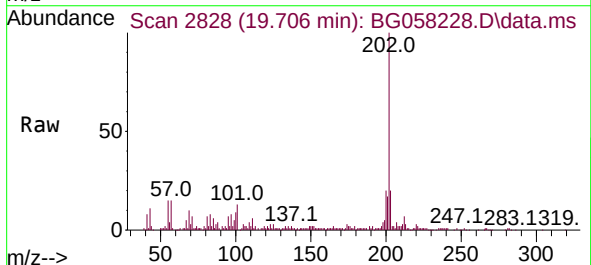
Instrument :
BNA_G
ClientSampleId :
A46F0

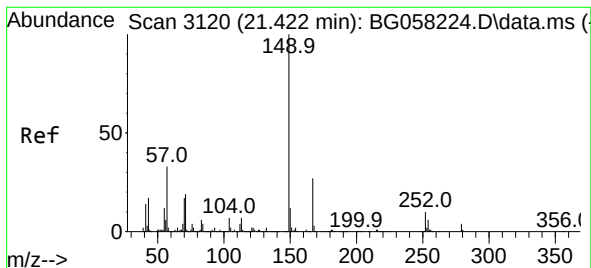
Tgt Ion:202 Resp: 70747
Ion Ratio Lower Upper
202 100
101 11.0 9.1 13.7
100 9.0 7.1 10.7



#82
Pyrene
Concen: 1.986 ng/ul
RT: 19.706 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG058228.D
Acq: 14 Jul 2023 12:53

Tgt Ion:202 Resp: 62294
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 9.4 8.9 13.3

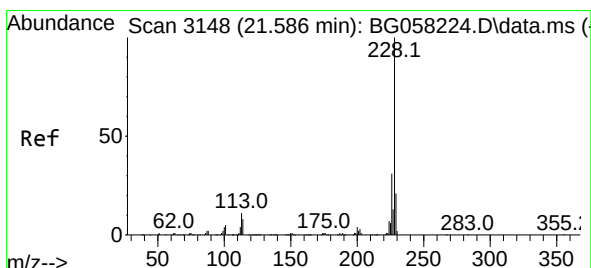
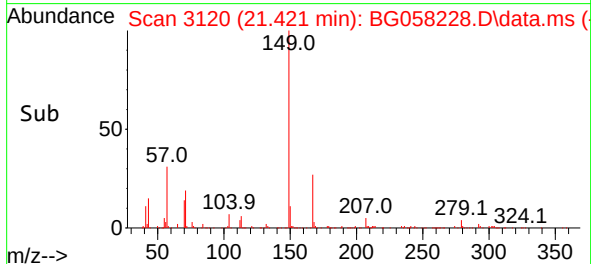
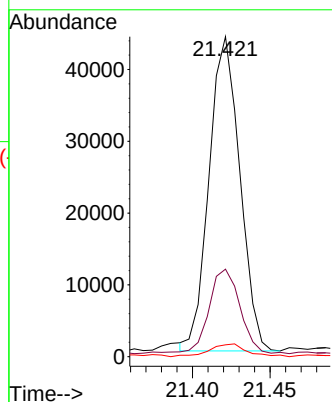
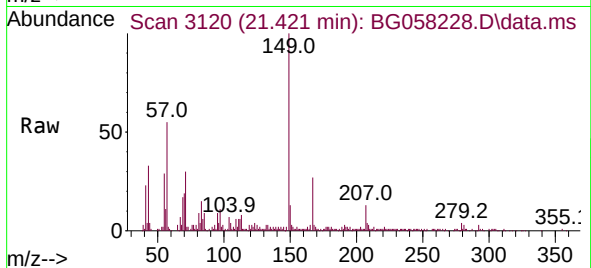




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.315 ng/ul
 RT: 21.421 min Scan# 3120
 Delta R.T. -0.004 min
 Lab File: BG058228.D
 Acq: 14 Jul 2023 12:53

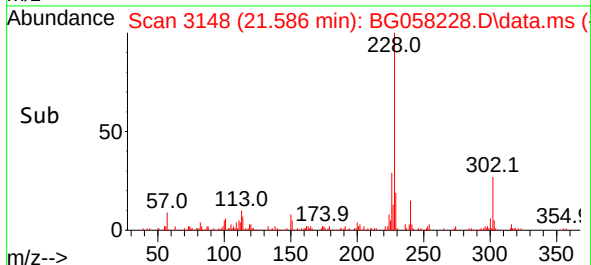
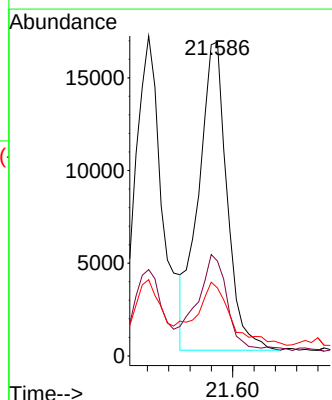
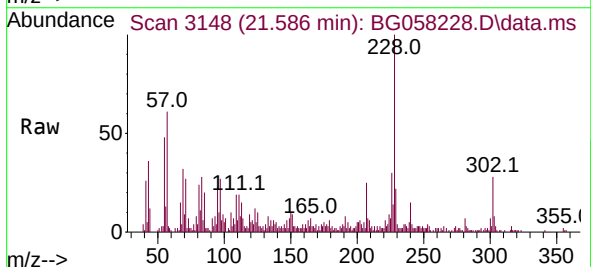
Instrument :
 BNA_G
 ClientSampleId :
 A46F0

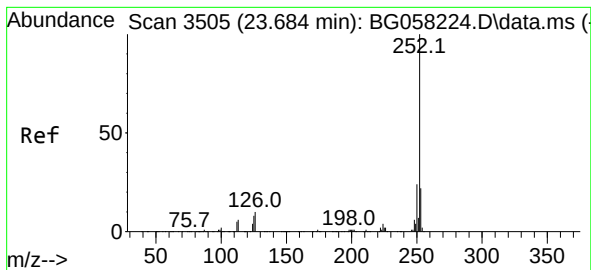
Tgt Ion:149 Resp: 60432
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.9 31.3
 279 3.7 3.1 4.7



#87
 Chrysene
 Concen: 1.078 ng/ul
 RT: 21.586 min Scan# 3148
 Delta R.T. -0.004 min
 Lab File: BG058228.D
 Acq: 14 Jul 2023 12:53

Tgt Ion:228 Resp: 30987
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 21.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 1.155 ng/ul

RT: 23.683 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG058228.D

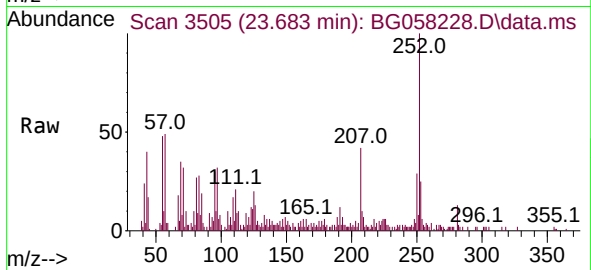
Acq: 14 Jul 2023 12:53

Instrument :

BNA_G

ClientSampleId :

A46F0



Tgt Ion:252 Resp: 36570

Ion Ratio Lower Upper

252 100

253 24.9 18.1 27.1

125 19.9 7.5 11.3#

