

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056110.D
 Acq On : 25 Dec 2022 5:18
 Operator : CG/JU
 Sample : N6017-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 25 22:36:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

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

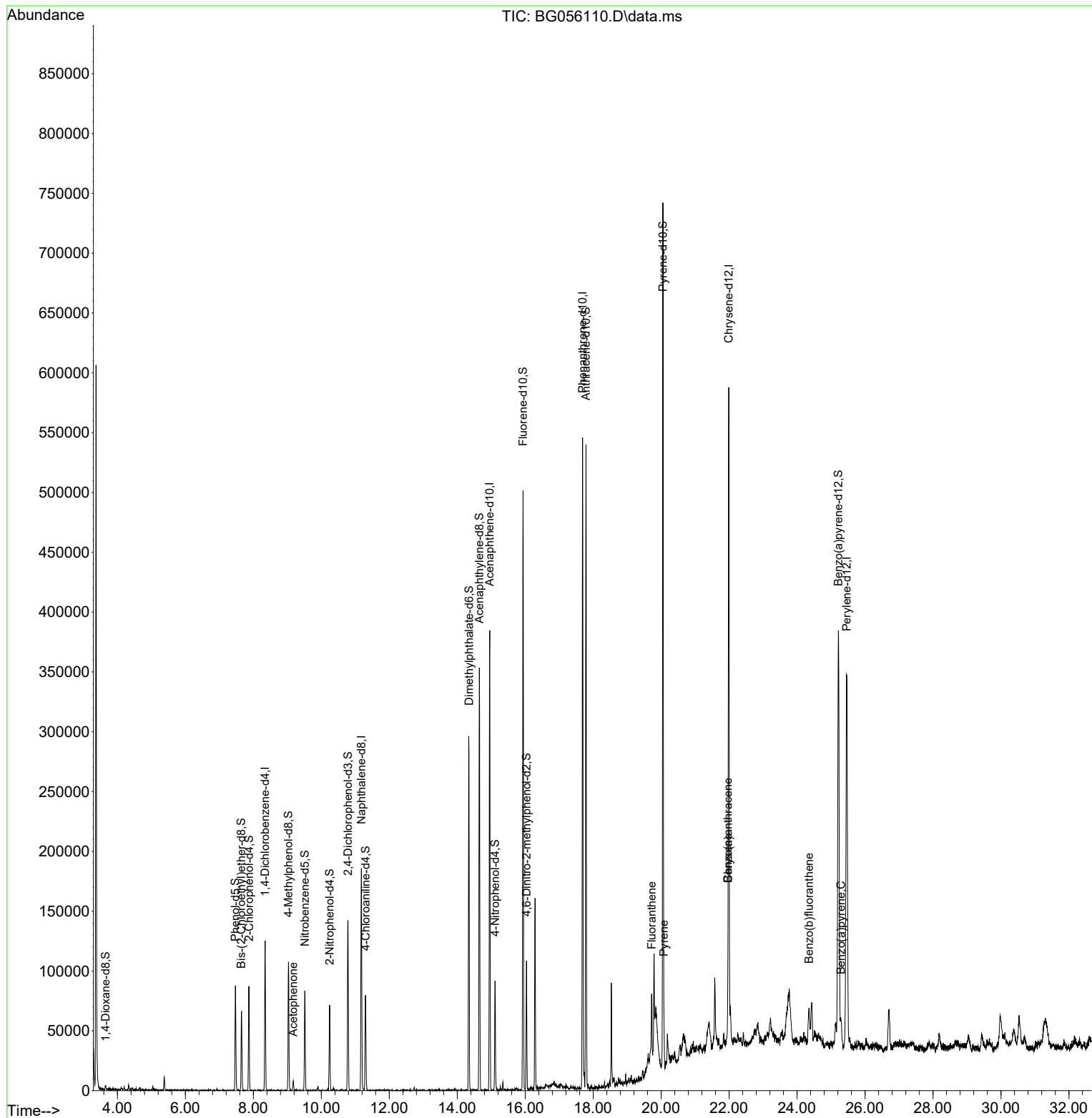
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	39464	20.000	ng/ul	0.00
20) Naphthalene-d8	11.178	136	167383	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.956	164	148699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.688	188	375506	20.000	ng/ul	0.00
79) Chrysene-d12	21.989	240	366169	20.000	ng/ul	0.00
88) Perylene-d12	25.461	264	388607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	2955	3.134	ng/uL	0.00
4) Pyridine-d5	4.075	84	201	0.065	ng/ul	-0.01
7) Phenol-d5	7.471	99	65901	18.409	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.647	67	29182	20.683	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	45371	21.445	ng/ul	0.00
15) 4-Methylphenol-d8	9.034	113	45838	17.014	ng/ul	0.00
21) Nitrobenzene-d5	9.515	128	24345	19.969	ng/ul	0.00
24) 2-Nitrophenol-d4	10.250	143	32295	20.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	67428	19.050	ng/ul	0.00
31) 4-Chloroaniline-d4	11.302	131	48624	12.145	ng/ul	0.00
46) Dimethylphthalate-d6	14.345	166	229954	19.981	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	257095	19.781	ng/ul	0.00
54) 4-Nitrophenol-d4	15.115	143	30135	17.395	ng/ul	0.00
60) Fluorene-d10	15.937	176	222484	19.585	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.037	200	42345	17.542	ng/ul	0.00
73) Anthracene-d10	17.788	188	350503	20.199	ng/ul	0.00
81) Pyrene-d10	20.050	212	446459	22.077	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.215	264	428543	21.696	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.175	105	6407	1.436	ng/ul#	96
80) Fluoranthene	19.721	202	39017	1.641	ng/ul	99
82) Pyrene	20.080	202	30876	1.287	ng/ul#	92
85) Benzo(a)anthracene	21.966	228	25924	1.037	ng/ul	99
87) Chrysene	21.966	228	25924	1.118	ng/ul	97
90) Benzo(b)fluoranthene	24.351	252	41710	1.626	ng/ul#	95
93) Benzo(a)pyrene	25.291	252	24939	1.116	ng/ul#	99

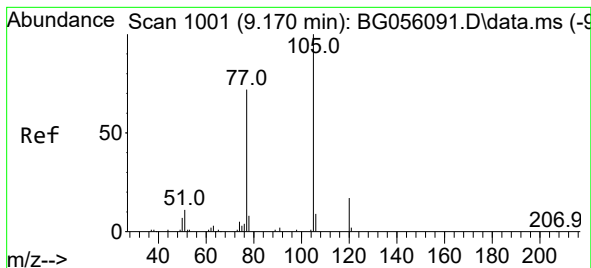
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Acetophenone

Concen: 1.436 ng/ul

RT: 9.175 min Scan# 1001

Delta R.T. 0.005 min

Lab File: BG056110.D

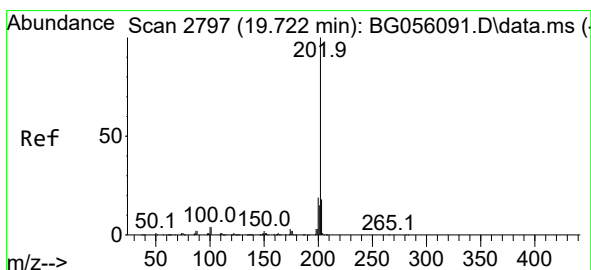
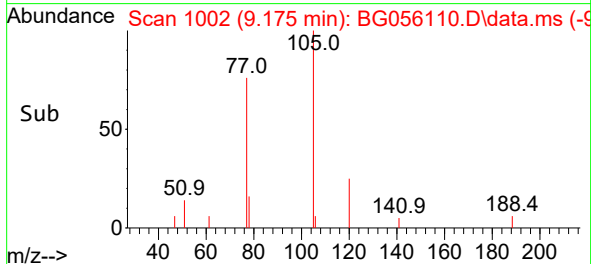
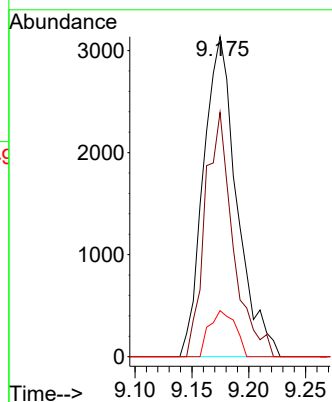
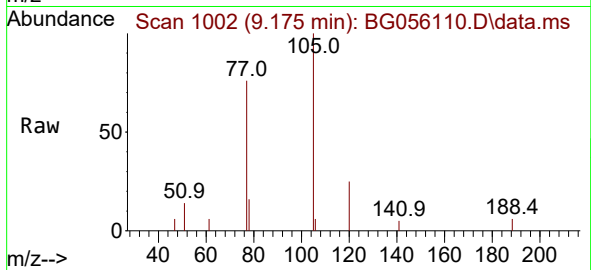
Acq: 25 Dec 2022 5:18

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	105	Resp:	6407
Ion Ratio	Lower	Upper	
105	100		
77	76.4	59.0	88.4
51	14.4	9.6	14.4#



#80

Fluoranthene

Concen: 1.641 ng/ul

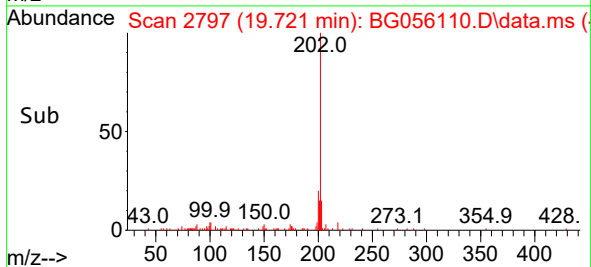
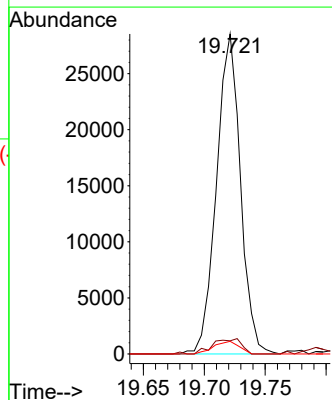
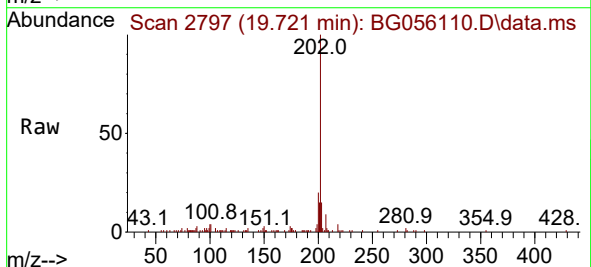
RT: 19.721 min Scan# 2797

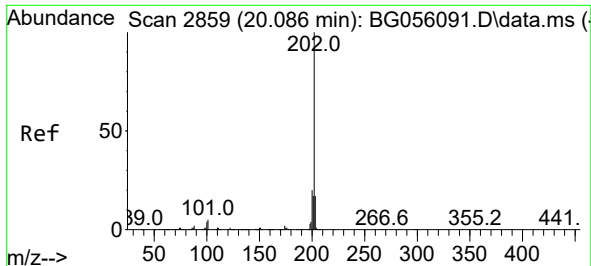
Delta R.T. -0.001 min

Lab File: BG056110.D

Acq: 25 Dec 2022 5:18

Tgt Ion:	202	Resp:	39017
Ion Ratio	Lower	Upper	
202	100		
101	4.1	3.2	4.8
100	3.9	3.0	4.4

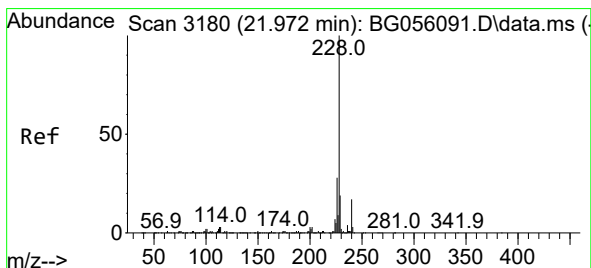
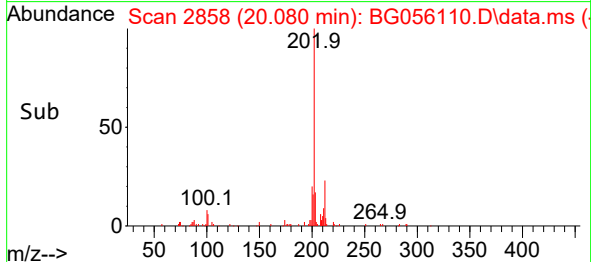
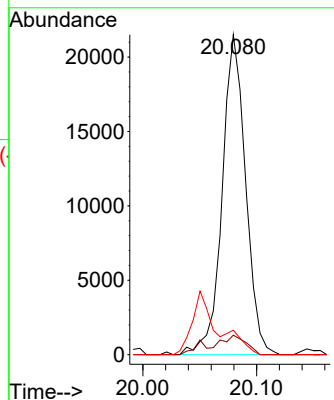
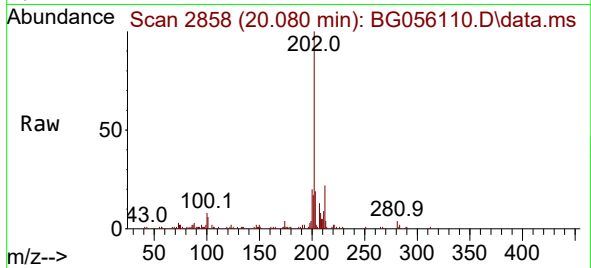




#82
 Pyrene
 Concen: 1.287 ng/ul
 RT: 20.080 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG056110.D
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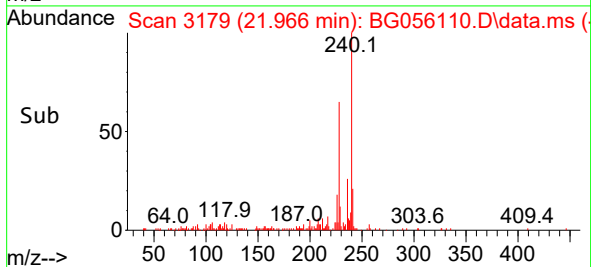
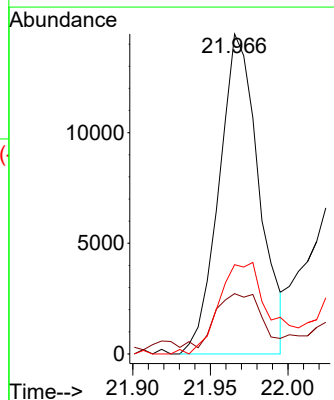
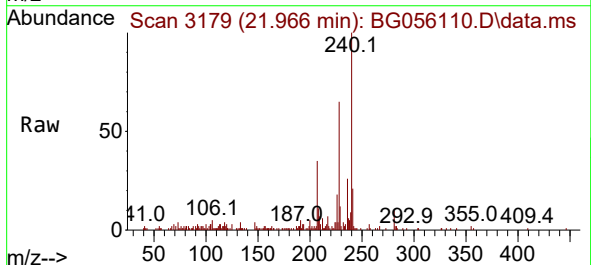
Instrument :
 BNA_G
 ClientSampleId :

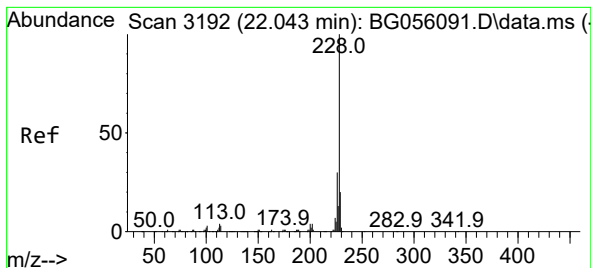
Tgt Ion:202 Resp: 30876
 Ion Ratio Lower Upper
 202 100
 101 6.1 3.6 5.4#
 100 7.6 3.3 4.9#



#85
 Benzo(a)anthracene
 Concen: 1.037 ng/ul
 RT: 21.966 min Scan# 3179
 Delta R.T. -0.007 min
 Lab File: BG056110.D
 Acq: 25 Dec 2022 5:18

Tgt Ion:228 Resp: 25924
 Ion Ratio Lower Upper
 228 100
 229 18.9 15.5 23.3
 226 27.9 22.3 33.5





#87

Chrysene

Concen: 1.118 ng/ul

RT: 21.966 min Scan# 3192

Delta R.T. -0.077 min

Lab File: BG056110.D

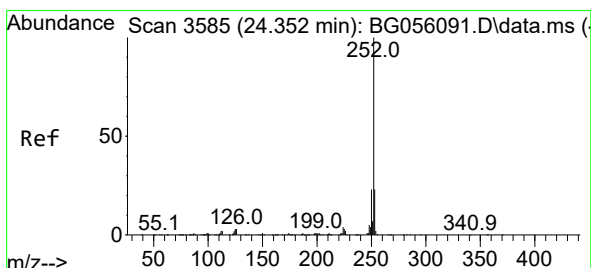
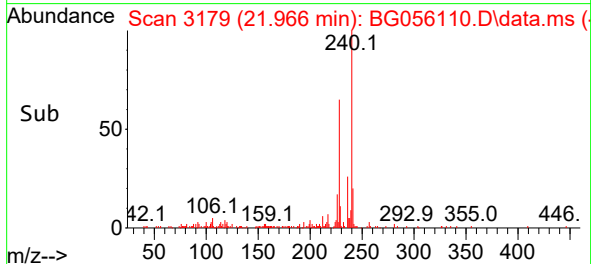
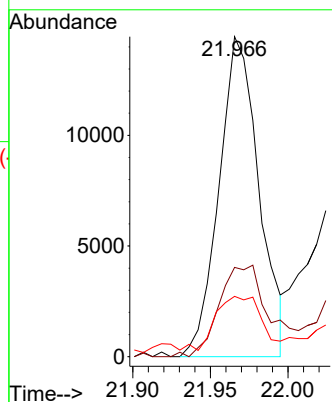
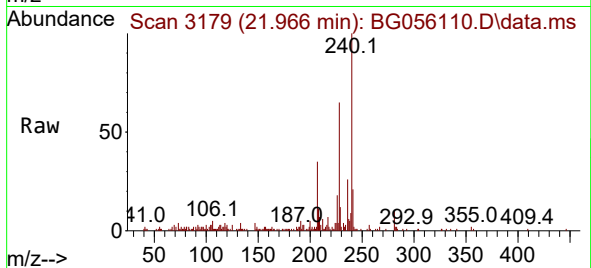
Acq: 25 Dec 2022 5:18

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:228	Resp:	25924
Ion Ratio	Lower	Upper
228	100	
226	27.9	23.9 35.9
229	18.9	16.2 24.4



#90

Benzo(b)fluoranthene

Concen: 1.626 ng/ul

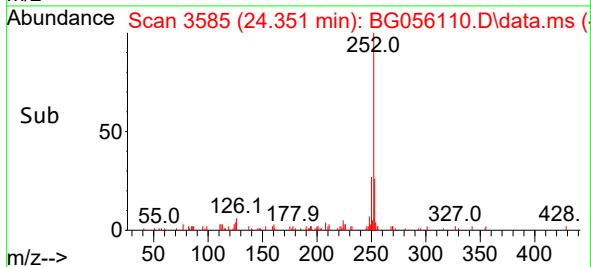
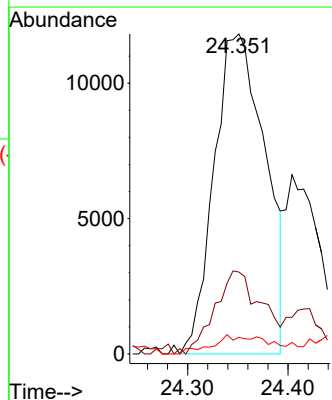
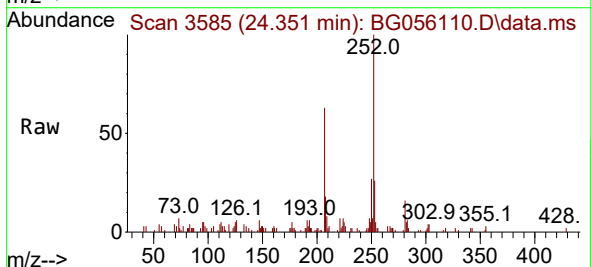
RT: 24.351 min Scan# 3585

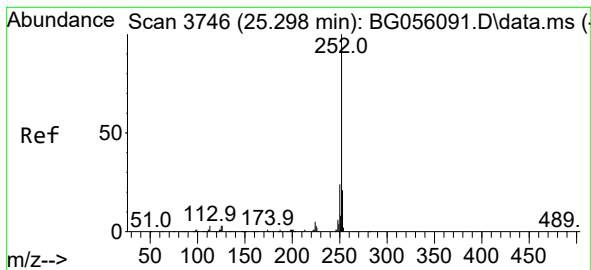
Delta R.T. -0.001 min

Lab File: BG056110.D

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Tgt Ion:252	Resp:	41710
Ion Ratio	Lower	Upper
252	100	
253	25.6	18.5 27.7
125	5.2	2.2 3.4





#93

Benzo(a)pyrene

Concen: 1.116 ng/ul

RT: 25.291 min Scan# 31

Delta R.T. -0.007 min

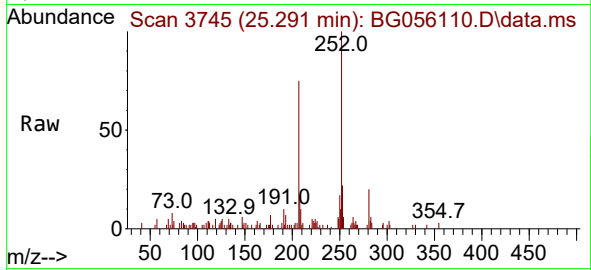
Lab File: BG056110.D

Acq: 25 Dec 2022 5:18

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:252 Resp: 24939

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 3.7 2.3 3.5#

