

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059237.D
 Acq On : 28 Sep 2023 16:59
 Operator : MA/JU
 Sample : 04480-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBBP0

Quant Time: Sep 29 00:42:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

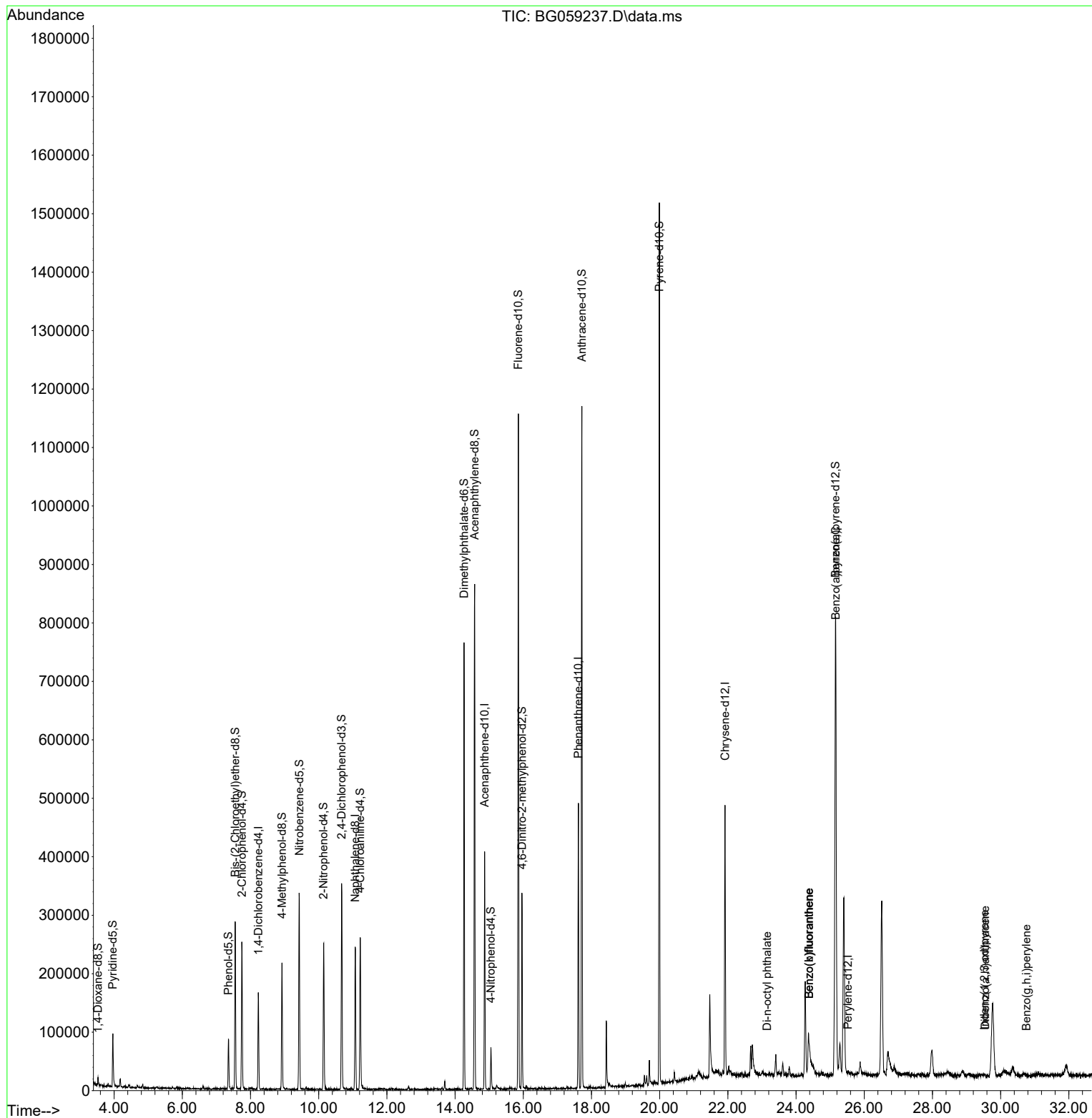
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	43371	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	202088	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	130507	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	292240	20.000	ng/ul	0.00
79) Chrysene-d12	21.919	240	274803	20.000	ng/ul	0.00
88) Perylene-d12	25.521	264	690	20.000	ng/ul	0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	6169	5.368	ng/uL	0.00
4) Pyridine-d5	3.964	84	45966	13.709	ng/ul	0.00
7) Phenol-d5	7.354	99	50881	11.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	134749	48.588	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	120592	41.322	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	83140	24.775	ng/ul	0.00
21) Nitrobenzene-d5	9.434	128	77928	54.646	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	80697	57.643	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	135424	47.090	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	141004	30.304	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	499443	52.931	ng/ul	0.00
49) Acenaphthylene-d8	14.575	160	603461	50.953	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	16672	10.118	ng/ul	0.00
60) Fluorene-d10	15.856	176	460841	51.315	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	68286	45.458	ng/ul	0.00
73) Anthracene-d10	17.718	188	686826	51.579	ng/ul	0.00
81) Pyrene-d10	19.992	212	832575	54.101	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	835589	25200.361	ng/ul	0.00
Target Compounds						
					Qvalue	
89) Di-n-octyl phthalate	23.153	149	90	2.243	ng/ul	100
90) Benzo(b)fluoranthene	24.381	252	71	1.680	ng/ul#	1
91) Benzo(k)fluoranthene	24.381	252	71	1.658	ng/ul#	1
93) Benzo(a)pyrene	25.168	252	840	20.952	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.528	276	72	1.587	ng/ul#	53
95) Dibenzo(a,h)anthracene	29.546	278	120	3.252	ng/ul#	57
96) Benzo(g,h,i)perylene	30.756	276	271	7.344	ng/ul#	53

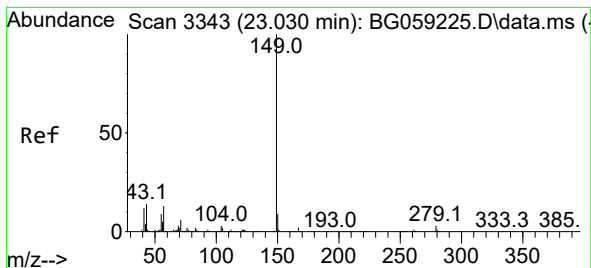
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#89

Di-n-octyl phthalate

Concen: 2.243 ng/ul

RT: 23.153 min Scan# 31

Delta R.T. 0.122 min

Lab File: BG059237.D

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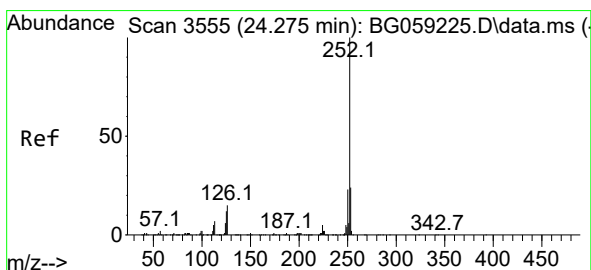
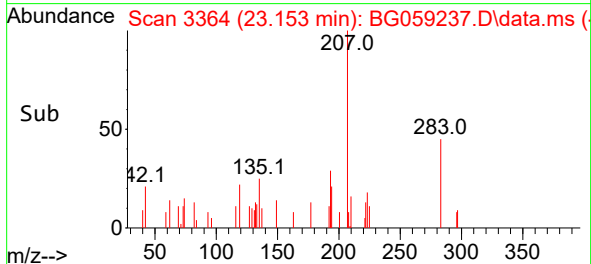
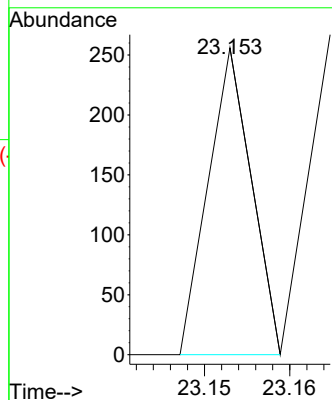
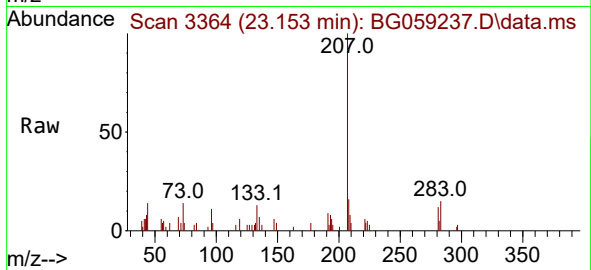
Instrument :

BNA_G

ClientSampleId :

BBBP0

Tgt Ion:149 Resp: 90



#90

Benzo(b)fluoranthene

Concen: 1.680 ng/ul

RT: 24.381 min Scan# 3573

Delta R.T. 0.098 min

Lab File: BG059237.D

Acq: 28 Sep 2023 16:59

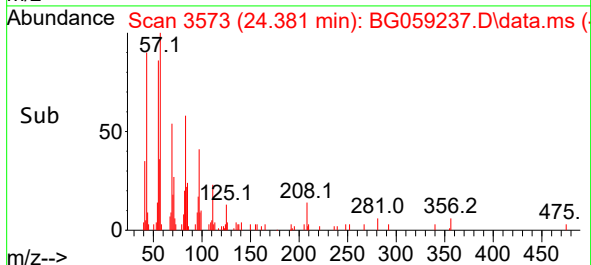
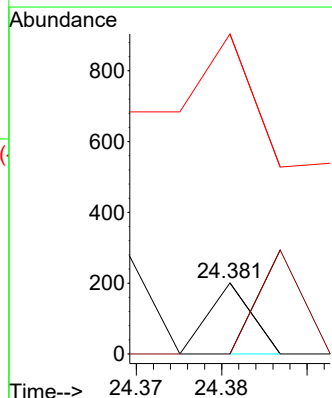
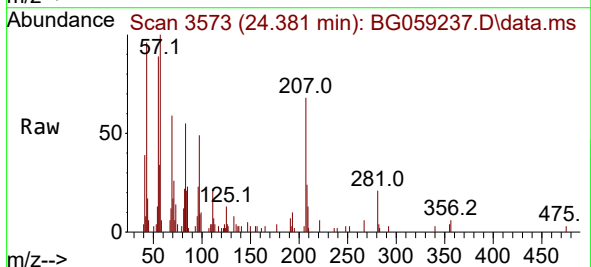
Tgt Ion:252 Resp: 71

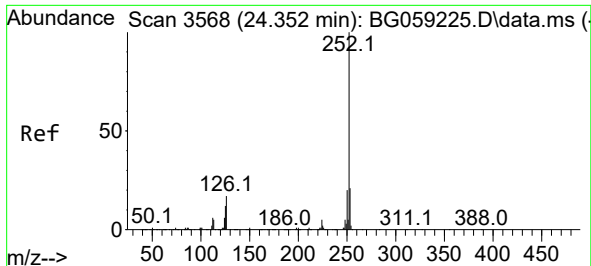
Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

125 449.8 8.1 12.1#

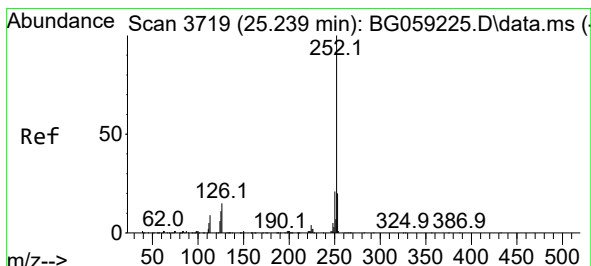
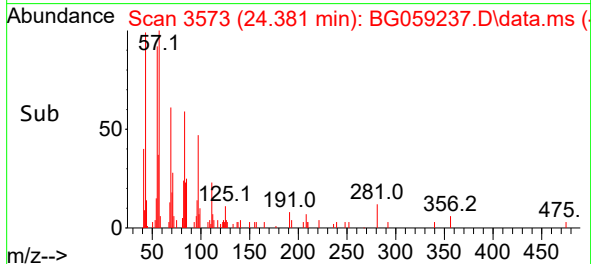
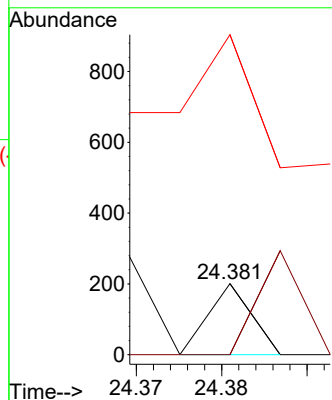
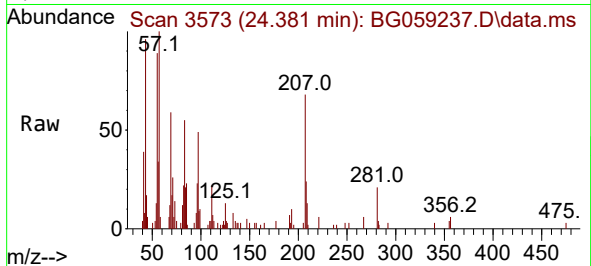




#91
Benzo(k)fluoranthene
Concen: 1.658 ng/ul
RT: 24.381 min Scan# 31
Delta R.T. 0.022 min
Lab File: BG059237.D
Acq: 28 Sep 2023 16:59

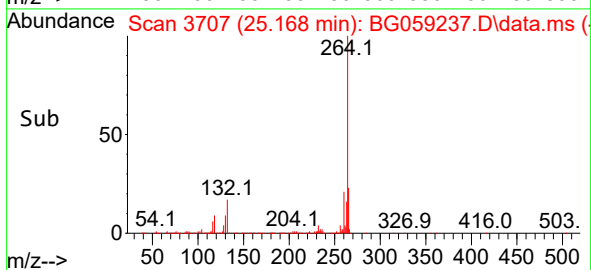
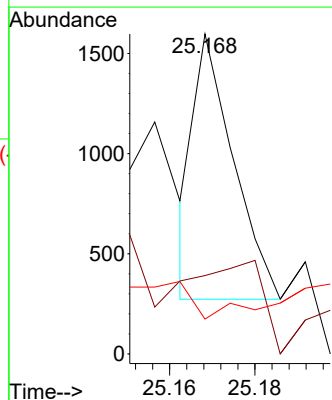
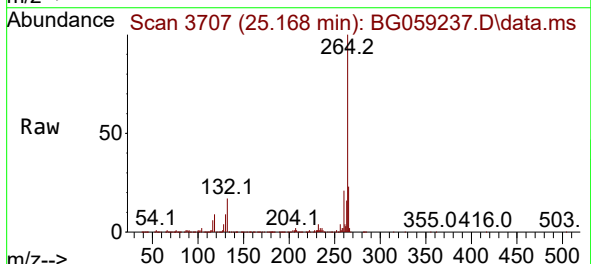
Instrument :
BNA_G
ClientSampleId :
BBBP0

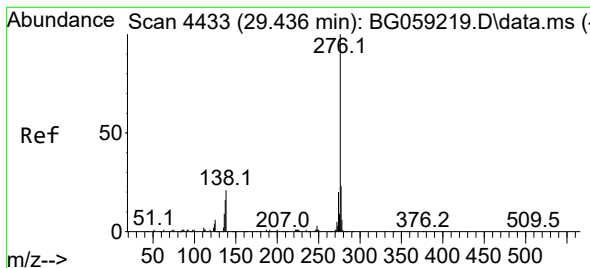
Tgt Ion:252 Resp: 71
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 449.8 8.1 12.1#



#93
Benzo(a)pyrene
Concen: 20.952 ng/ul
RT: 25.168 min Scan# 3707
Delta R.T. -0.072 min
Lab File: BG059237.D
Acq: 28 Sep 2023 16:59

Tgt Ion:252 Resp: 840
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 10.9 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.587 ng/ul

RT: 29.528 min Scan# 4449

Delta R.T. 0.092 min

Lab File: BG059237.D

Acq: 28 Sep 2023 16:59

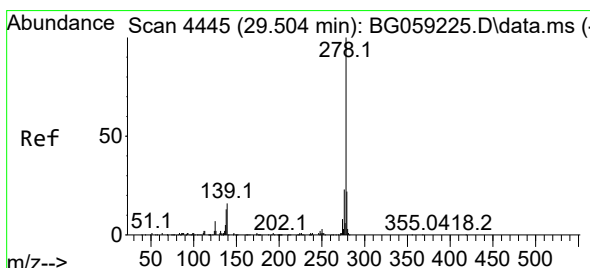
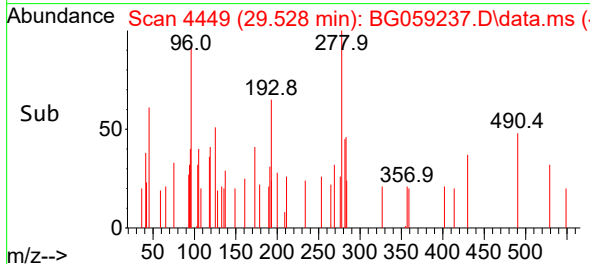
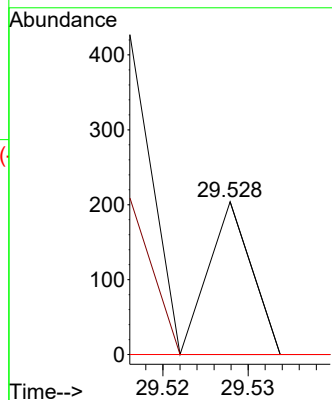
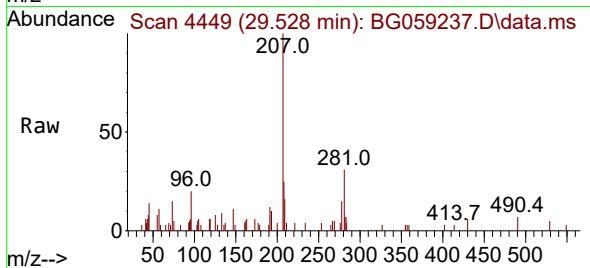
Instrument :

BNA_G

ClientSampleId :

BBBP0

Tgt Ion:	276	Resp:	72
Ion Ratio	Lower	Upper	
276	100		
138	0.0	17.0	25.6#
277	0.0	18.6	28.0#



#95

Dibenzo(a,h)anthracene

Concen: 3.252 ng/ul

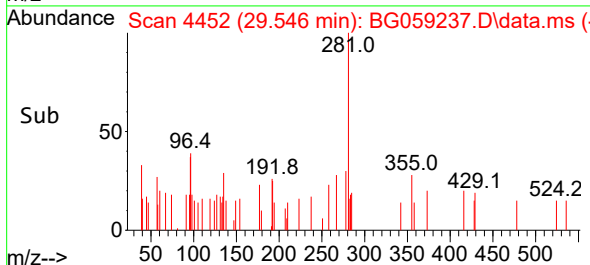
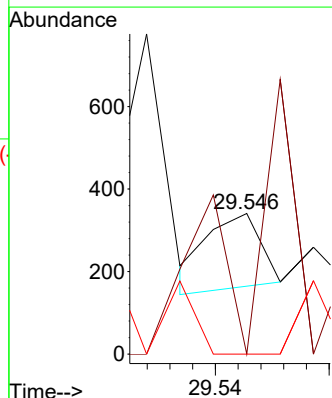
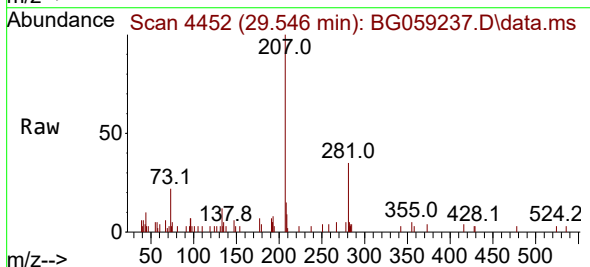
RT: 29.546 min Scan# 4452

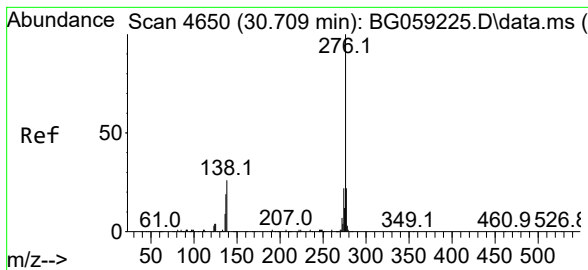
Delta R.T. 0.033 min

Lab File: BG059237.D

Acq: 28 Sep 2023 16:59

Tgt Ion:	278	Resp:	120
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.1	18.1#
279	0.0	18.6	27.8#





#96
 Benzo(g,h,i)perylene
 Concen: 7.344 ng/ul
 RT: 30.756 min Scan# 4
 Delta R.T. 0.045 min
 Lab File: BG059237.D
 Acq: 28 Sep 2023 16:59

Instrument :
 BNA_G
 ClientSampleId :
 BBBP0

Tgt Ion:	276	Resp:	271
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.6	25.0#
277	0.0	20.0	30.0#

