

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
 Data File : BG059570.D
 Acq On : 31 Oct 2023 21:14
 Operator : MA/JU
 Sample : 04950-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49M7

Quant Time: Nov 01 03:21:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

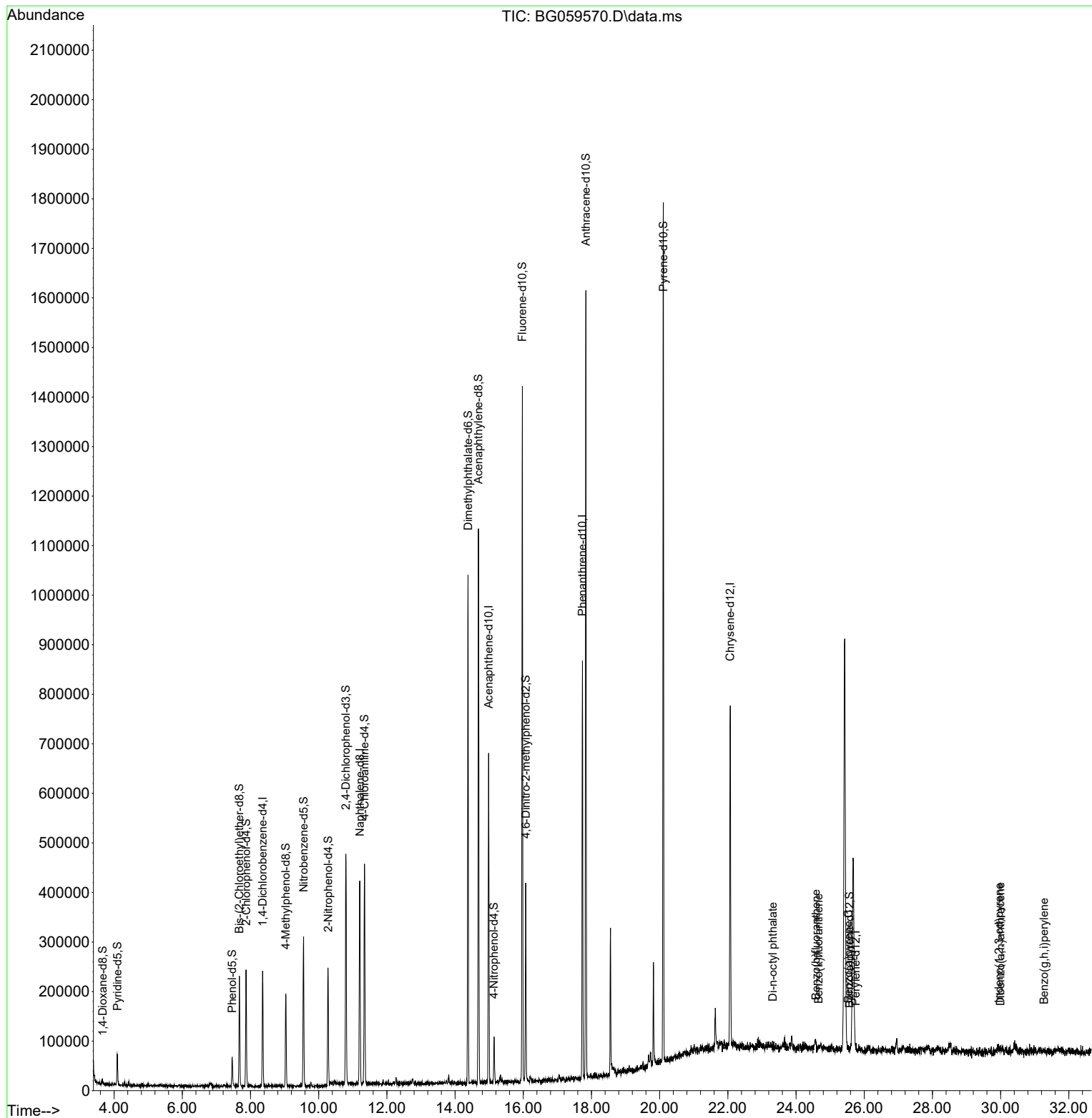
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	65173	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	372896	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	236397	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	496484	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	420065	20.000	ng/ul	0.00
88) Perylene-d12	25.755	264	747	20.000	ng/ul	# 0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.664	96	6732	3.865	ng/uL	0.00
4) Pyridine-d5	4.098	84	43411	8.918	ng/ul	0.00
7) Phenol-d5	7.465	99	39641	5.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	89955	29.243	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	118924	21.888	ng/ul	0.00
15) 4-Methylphenol-d8	9.034	113	72610	13.666	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128	82152	30.984	ng/ul	0.00
24) 2-Nitrophenol-d4	10.279	143	83513	30.682	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.796	165	177244	29.555	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	253757	25.705	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	649148	30.310	ng/ul	0.00
49) Acenaphthylene-d8	14.686	160	733736	29.193	ng/ul	0.00
54) 4-Nitrophenol-d4	15.138	143	21759	5.925	ng/ul	-0.01
60) Fluorene-d10	15.973	176	558086	30.491	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.073	200	85880	36.526	ng/ul	0.00
73) Anthracene-d10	17.835	188	870824	32.375	ng/ul	0.00
81) Pyrene-d10	20.109	212	935227	32.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.567	264	1067	24.257	ng/ul	0.13
Target Compounds						
					Qvalue	
89) Di-n-octyl phthalate	23.323	149	610	9.327	ng/ul	100
90) Benzo(b)fluoranthene	24.586	252	474	8.754	ng/ul#	1
91) Benzo(k)fluoranthene	24.663	252	57	1.054	ng/ul#	1
93) Benzo(a)pyrene	25.538	252	127	2.482	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	29.956	276	264	4.070	ng/ul#	1
95) Dibenzo(a,h)anthracene	29.992	278	184	3.434	ng/ul#	58
96) Benzo(g,h,i)perylene	31.272	276	115	2.166	ng/ul#	27

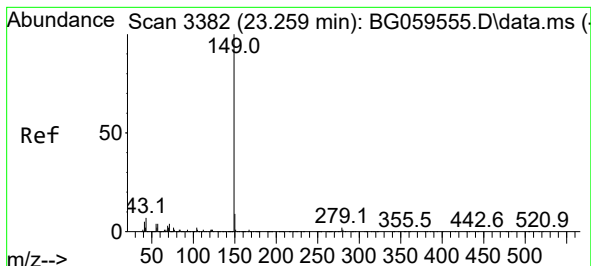
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#89

Di-n-octyl phthalate

Concen: 9.327 ng/ul

RT: 23.323 min Scan# 31

Delta R.T. 0.050 min

Lab File: BG059570.D

Acq: 31 Oct 2023 21:14

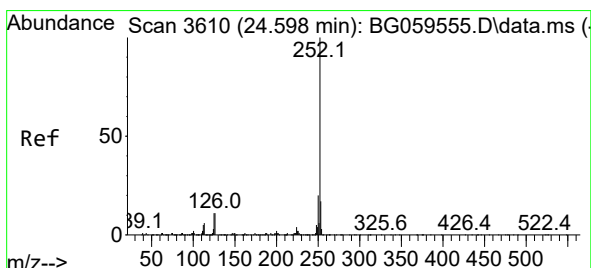
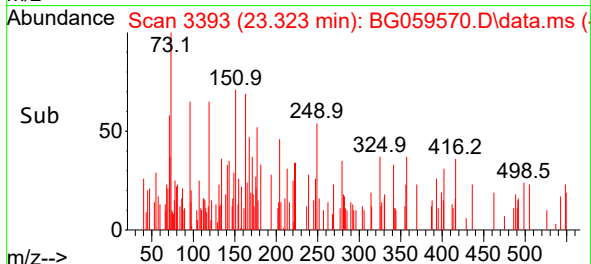
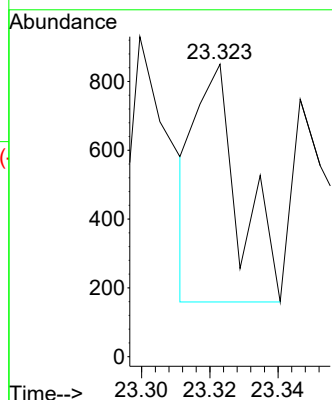
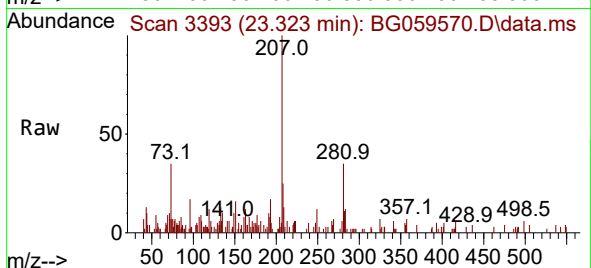
Instrument :

BNA_G

ClientSampleId :

A49M7

Tgt Ion:149 Resp: 610



#90

Benzo(b)fluoranthene

Concen: 8.754 ng/ul

RT: 24.586 min Scan# 3608

Delta R.T. 0.062 min

Lab File: BG059570.D

Acq: 31 Oct 2023 21:14

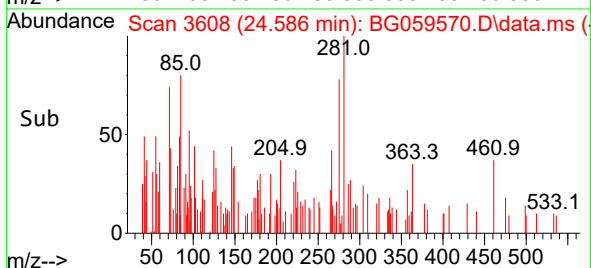
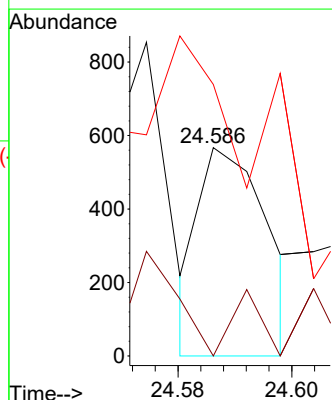
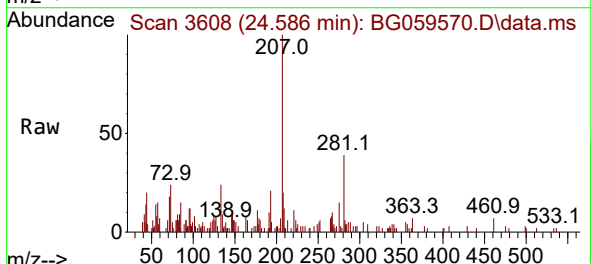
Tgt Ion:252 Resp: 474

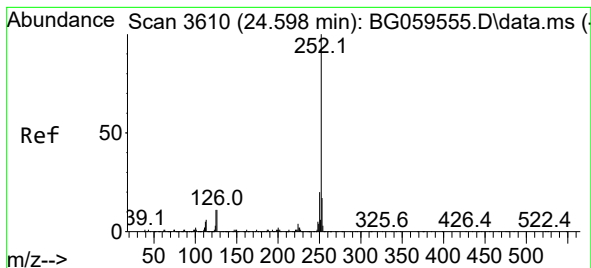
Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 130.3 8.6 13.0#





#91

Benzo(k)fluoranthene

Concen: 1.054 ng/ul

RT: 24.663 min Scan# 3

Delta R.T. 0.062 min

Lab File: BG059570.D

Acq: 31 Oct 2023 21:14

Instrument :

BNA_G

ClientSampleId :

A49M7

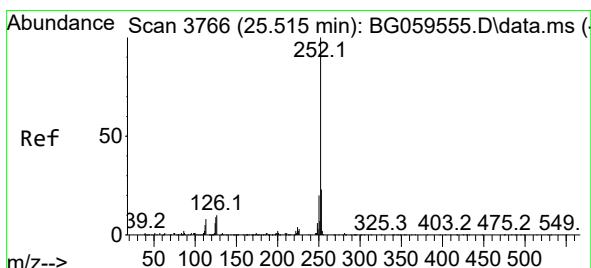
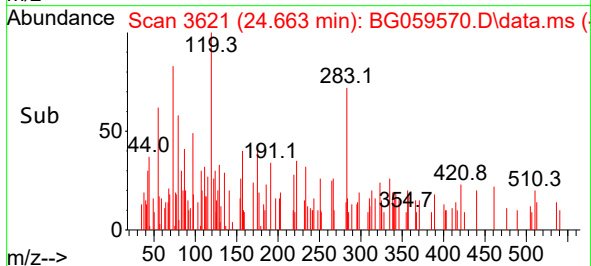
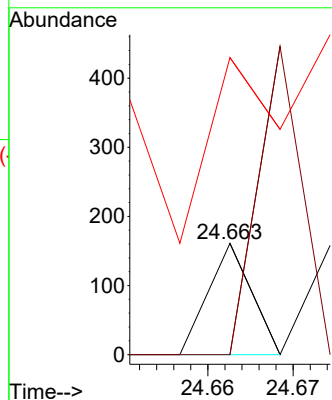
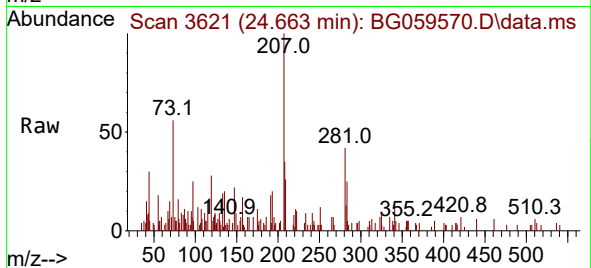
Tgt Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 267.1 7.9 11.9#



#93

Benzo(a)pyrene

Concen: 2.482 ng/ul

RT: 25.538 min Scan# 3770

Delta R.T. 0.020 min

Lab File: BG059570.D

Acq: 31 Oct 2023 21:14

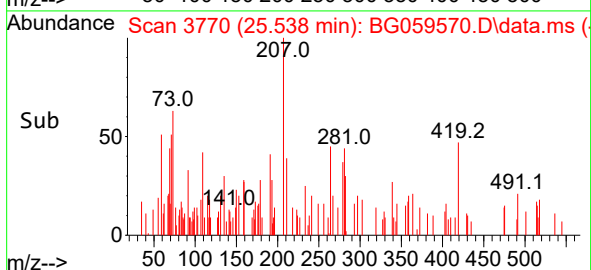
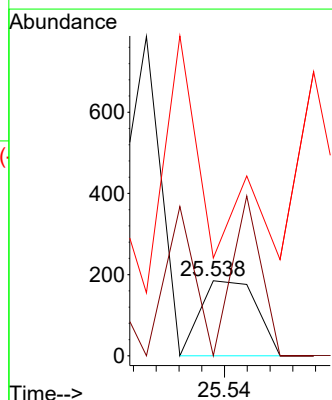
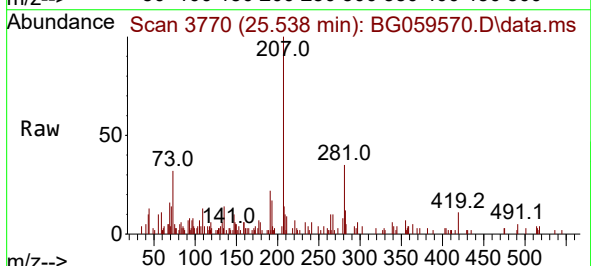
Tgt Ion:252 Resp: 127

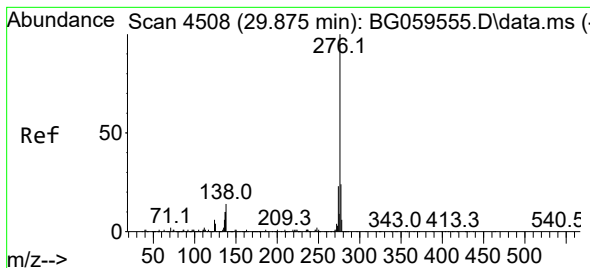
Ion Ratio Lower Upper

252 100

253 0.0 18.5 27.7#

125 130.3 7.6 11.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.070 ng/ul

RT: 29.956 min Scan# 4

Delta R.T. 0.067 min

Lab File: BG059570.D

Acq: 31 Oct 2023 21:14

Instrument :

BNA_G

ClientSampleId :

A49M7

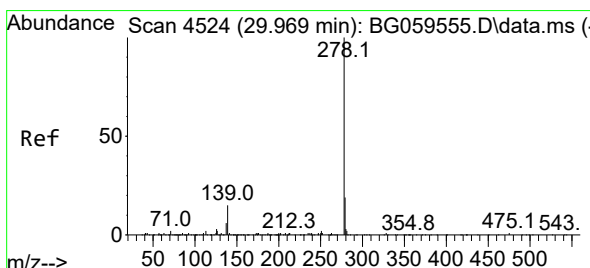
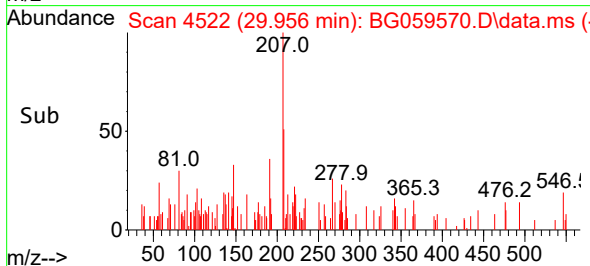
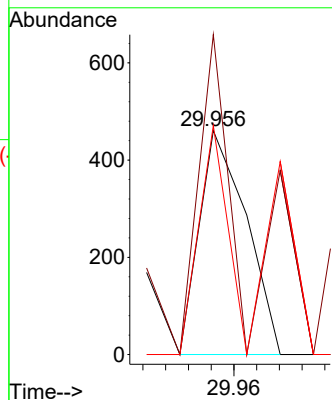
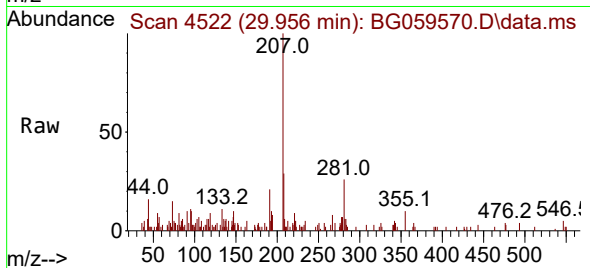
Tgt Ion:276 Resp: 264

Ion Ratio Lower Upper

276 100

138 142.7 15.3 22.9#

277 102.2 16.4 24.6#



#95

Dibenzo(a,h)anthracene

Concen: 3.434 ng/ul

RT: 29.992 min Scan# 4528

Delta R.T. 0.009 min

Lab File: BG059570.D

Acq: 31 Oct 2023 21:14

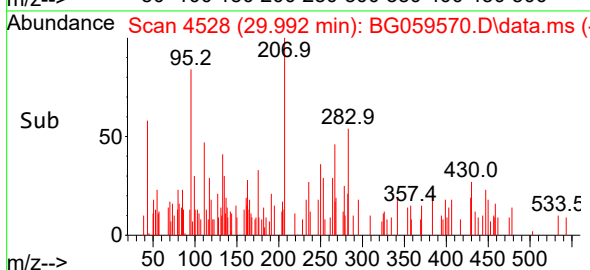
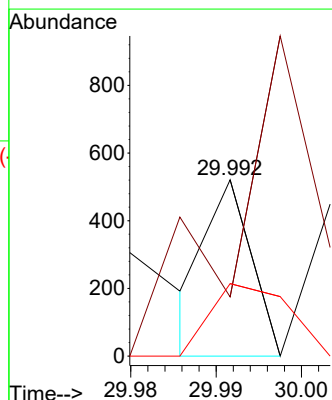
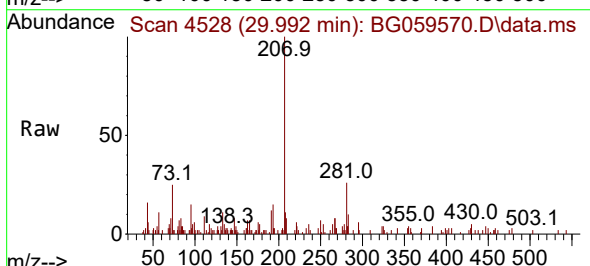
Tgt Ion:278 Resp: 184

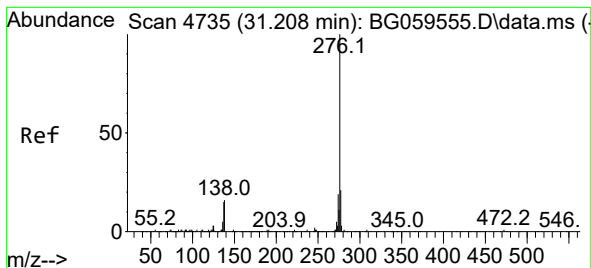
Ion Ratio Lower Upper

278 100

139 33.6 11.0 16.6#

279 41.1 18.3 27.5#





#96

Benzo(g,h,i)perylene

Concen: 2.166 ng/ul

RT: 31.272 min Scan# 41

Delta R.T. 0.056 min

Lab File: BG059570.D

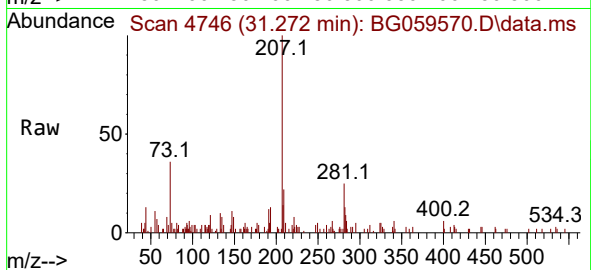
Acq: 31 Oct 2023 21:14

Instrument :

BNA_G

ClientSampleId :

A49M7



Tgt Ion:276 Resp: 115

Ion Ratio Lower Upper

276 100

138 0.0 16.2 24.2#

277 70.9 18.2 27.4#

