Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 22 01:11:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	26262	20.000	ng/ul	0.00
20) Naphthalene-d8	11.137	136	131881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.921	164	82026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.671	188	179615	20.000	ng/ul	0.00
79) Chrysene-d12	21.989	240	155404	20.000	ng/ul	0.00
88) Perylene-d12	25.538	264	170932	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	2702	4.027	ng/uL	0.00
4) Pyridine-d5	4.040	84	25560	12.986	ng/ul	0.00
7) Phenol-d5	7.407	99	54527	21.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.612	67	41891	26.435	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	44645	23.428	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	31020	15.083	ng/ul	0.00
21) Nitrobenzene-d5	9.486	128	26126	25.673	ng/ul	0.00
24) 2-Nitrophenol-d4	10.209	143	27516	26.766	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.732	165	46528	23.840	ng/ul	0.00
31) 4-Chloroaniline-d4	11.278	131	6997	2.297	ng/ul	0.00
46) Dimethylphthalate-d6	14.316	166	161450	25.593	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	192662	25.082	ng/ul	0.00
54) 4-Nitrophenol-d4	15.092	143	15965	13.871	ng/ul	0.00
60) Fluorene-d10	15.908	176	155038	26.849	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.014	200	19887	19.475	ng/ul	0.00
73) Anthracene-d10	17.771	188	187280	22.916	ng/ul	0.00
81) Pyrene-d10	20.045	212	242424	26.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.286	264	211180	25.302	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.442	77	24891	18.590	ng/ul	97
16) Acetophenone	9.140	105	12901	4.075	ng/ul#	83
22) Nitrobenzene	9.569	77	4097	1.778	ng/ul#	34
80) Fluoranthene	19.710	202	12652	1.118	ng/ul#	95

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

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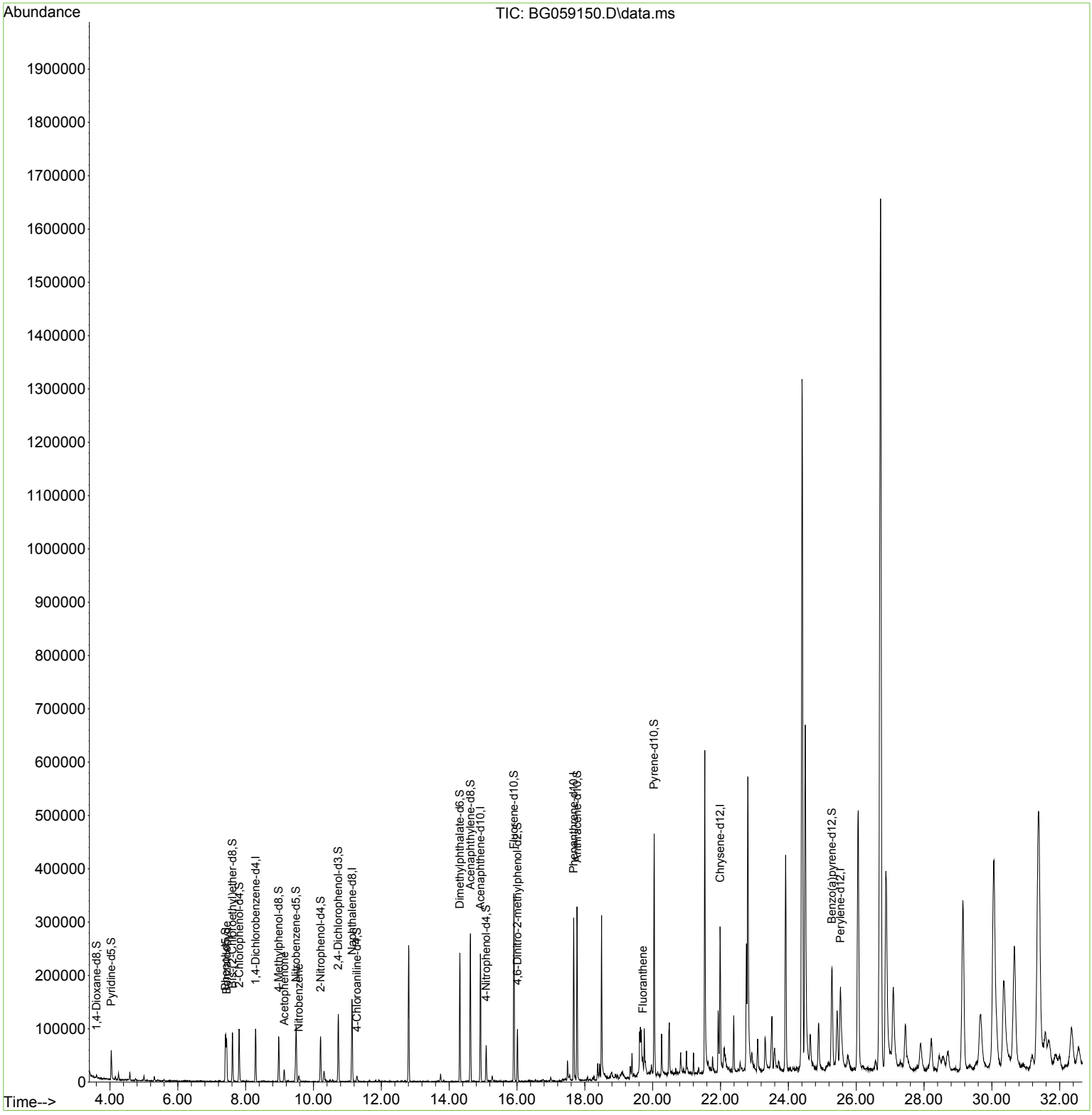
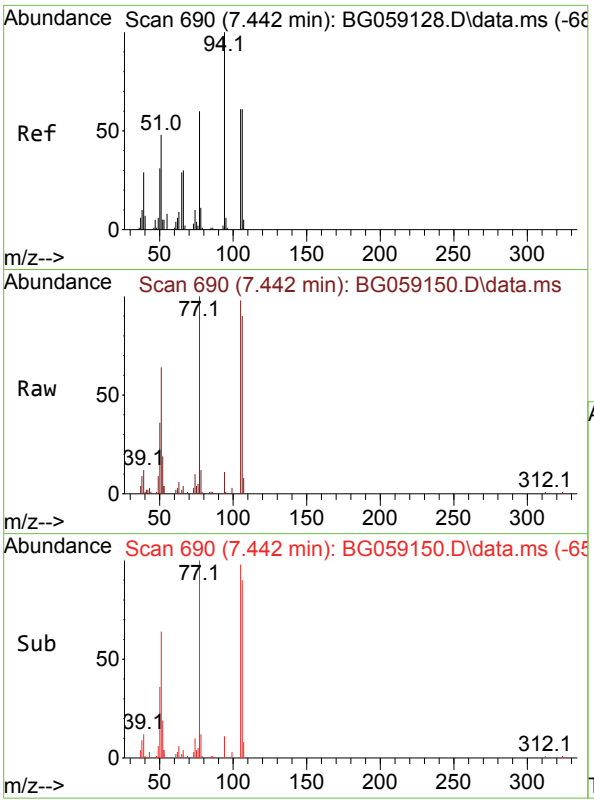


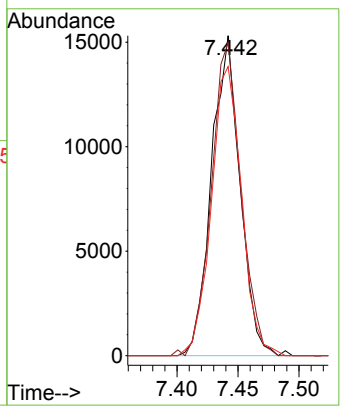


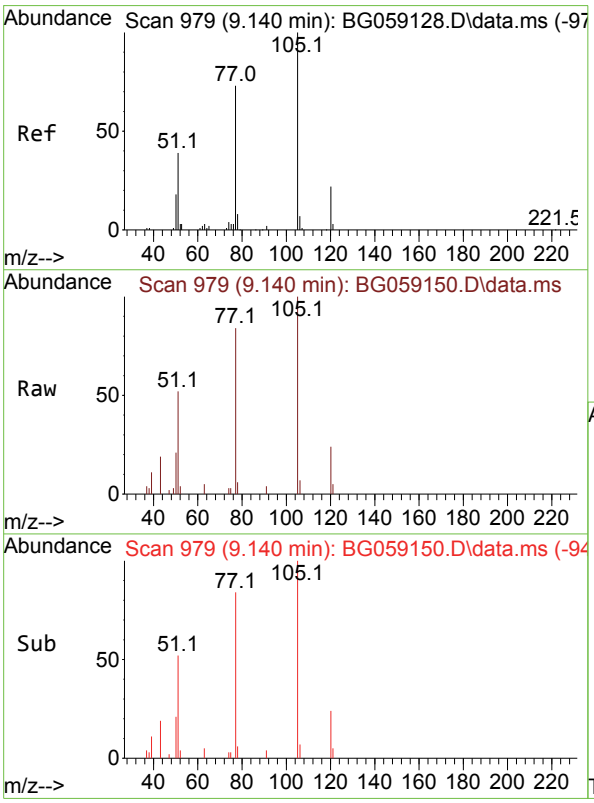
#6
Benzaldehyde
Concen: 18.590 ng/ul
RT: 7.442 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG059150.D
Acq: 21 Sep 2023 22:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 24891

Ion	Ratio	Lower	Upper
77	100		
105	97.8	76.9	115.3
106	90.3	69.4	104.0

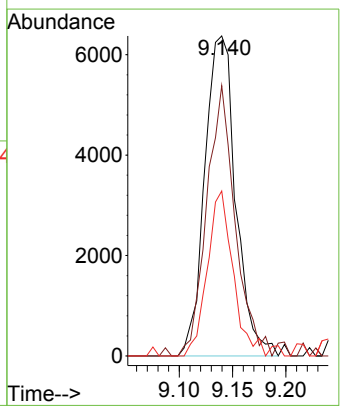


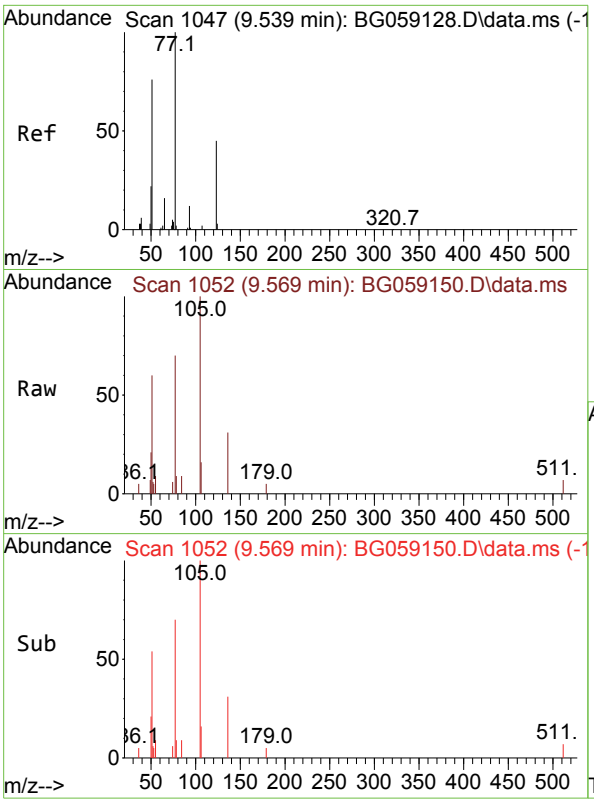


#16
Acetophenone
Concen: 4.075 ng/ul
RT: 9.140 min Scan# 979
Delta R.T. -0.000 min
Lab File: BG059150.D
Acq: 21 Sep 2023 22:08

Tgt Ion:105 Resp: 12901

Ion	Ratio	Lower	Upper
105	100		
77	84.5	57.2	85.8
51	51.5	31.6	47.4#



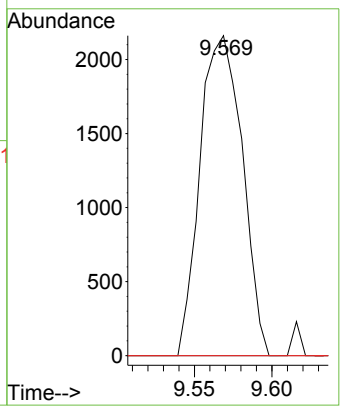


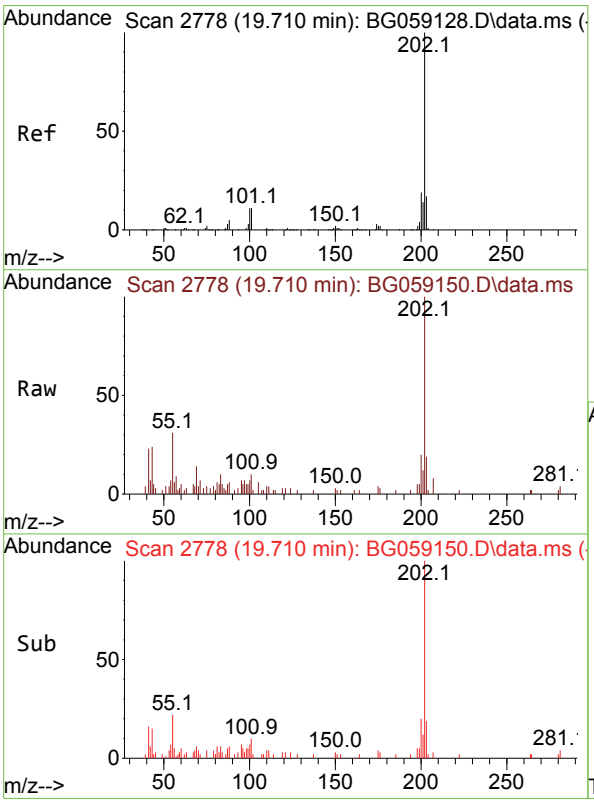
#22
Nitrobenzene
Concen: 1.778 ng/ul
RT: 9.569 min Scan# 1
Delta R.T. 0.029 min
Lab File: BG059150.D
Acq: 21 Sep 2023 22:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 4097

Ion	Ratio	Lower	Upper
77	100		
123	0.0	41.8	62.8#
65	0.0	12.3	18.5#





#80
Fluoranthene
Concen: 1.118 ng/ul
RT: 19.710 min Scan# 2778
Delta R.T. -0.000 min
Lab File: BG059150.D
Acq: 21 Sep 2023 22:08

Tgt Ion:202 Resp: 12652

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.2	13.8
100	7.5	7.7	11.5#