

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048186.D
 Acq On : 17 Feb 2021 11:54
 Operator : CG/JU
 Sample : M1379-16 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBH00

Manual Integrations
 APPROVED

mohammad
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Quant Time: Feb 17 12:47:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 06:21:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	204006	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	138251	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	311960	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	482589	20.00	ng/ul	0.04
86) Perylene-d12	25.09	264	324143	20.00	ng/ul	0.09

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	962	0.72	ng/uL	0.00
5) Phenol-d5	7.25	99	14282	3.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	10560	3.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	12582	3.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	12038	3.29	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	6698	4.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	6009	3.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	11068	3.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	1209	0.34	ng/ul	0.01
44) Dimethylphthalate-d6	14.12	166	36646	3.58	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	45822	3.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5036	2.89	ng/ul	0.01
58) Fluorene-d10	15.71	176	31698	3.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	4068	2.13	ng/ul	0.00
71) Anthracene-d10	17.57	188	55326	4.14	ng/ul	0.00
79) Pyrene-d10	19.84	212	66073m	2.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.86	264	64872	3.92	ng/ul	0.09

Target Compounds				Ovalue		
4) Benzaldehyde	7.24	77	14860	5.424	ng/ul#	83
6) Phenol	7.28	94	5086	1.057	ng/ul#	88
16) 4-Methylphenol	8.86	108	8544	2.275	ng/ul	98
85) Chrysene	21.84	228	497862	17.278	ng/ul#	89

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

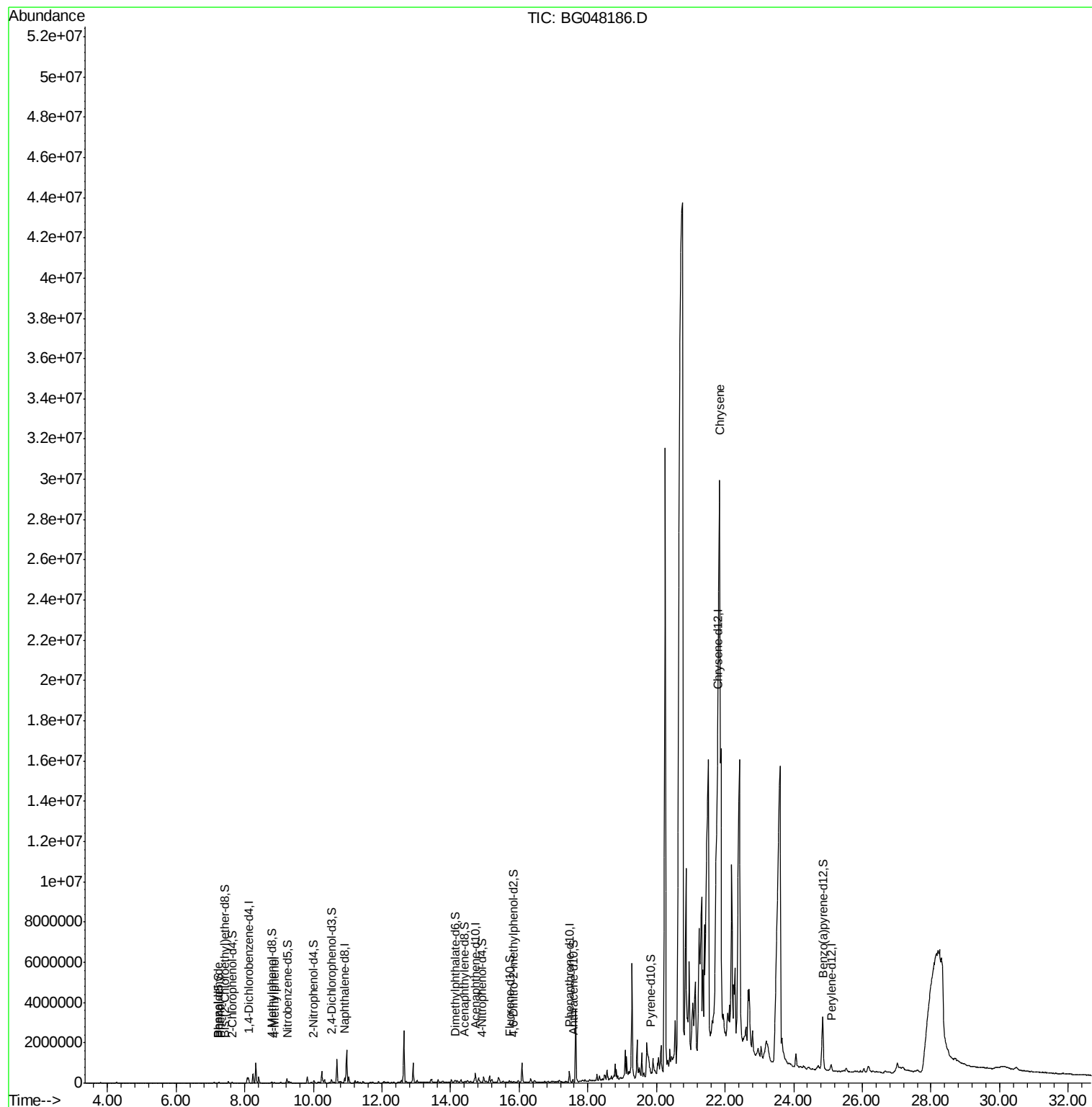
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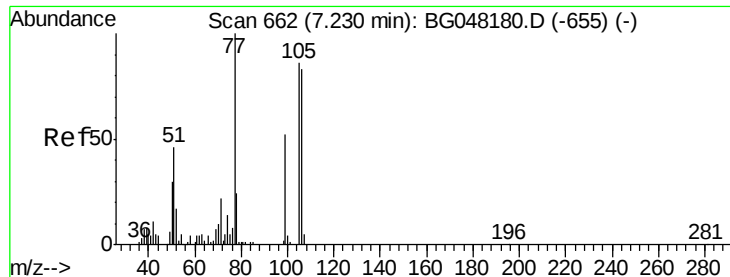
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#4

Benzaldehyde

Concen: 5.424 ng/ul

RT: 7.24 min Scan# 663

Delta R.T. 0.00 min

Lab File: BG048186.D

Acq: 17 Feb 2021 11:54

Instrument :

BNA_G

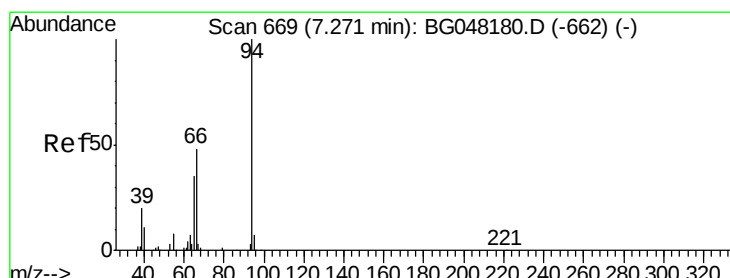
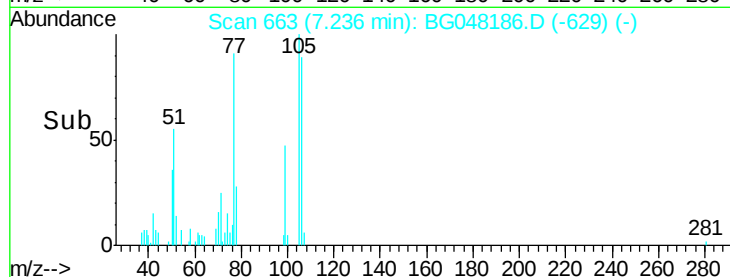
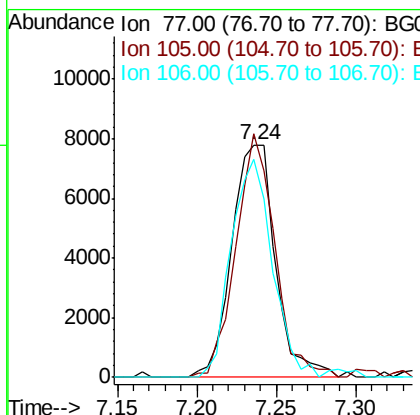
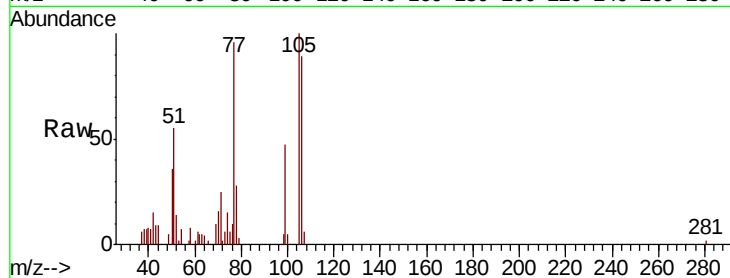
ClientSampled :

DBH00

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.6	69.3	103.9#
106	93.5	64.9	97.3

Manual Integrations
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#6

Phenol

Concen: 1.057 ng/ul

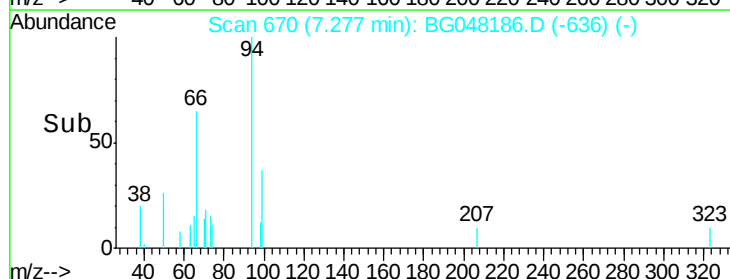
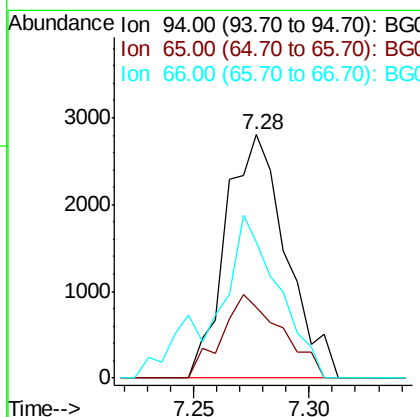
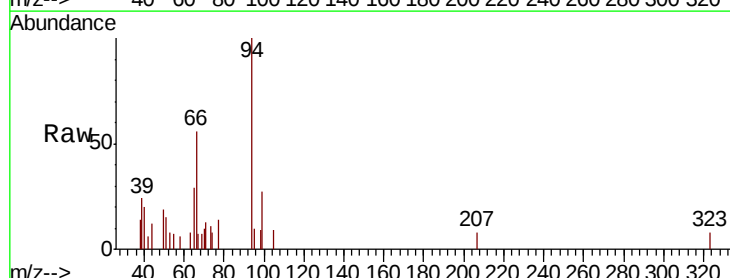
RT: 7.28 min Scan# 670

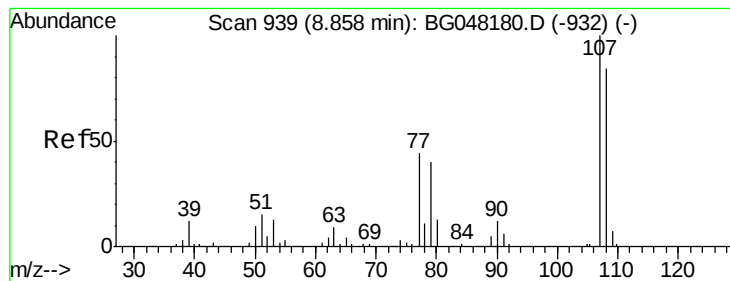
Delta R.T. 0.00 min

Lab File: BG048186.D

Acq: 17 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	27.0	40.4
66	56.0	37.1	55.7#





#16

4-Methylphenol

Concen: 2.275 ng/ul

RT: 8.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG048186.D

Acq: 17 Feb 2021 11:54

Instrument :

BNA_G

ClientSampled :

DBH00

Tot Ion:108 Resp: 8544

Ion Ratio Lower Upper

108 100

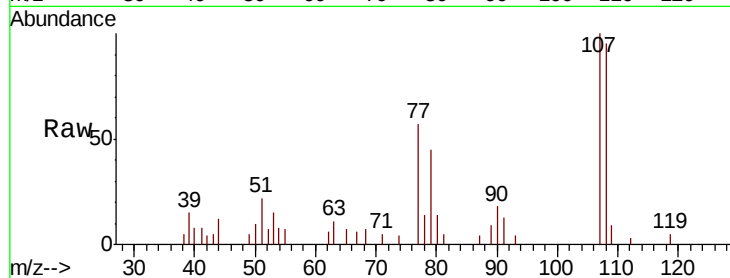
107 104.8 82.6 123.8

Manual Integrations

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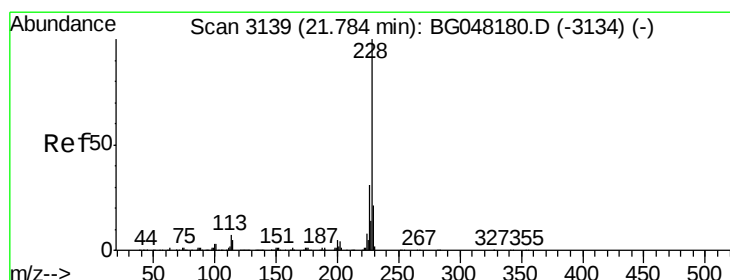
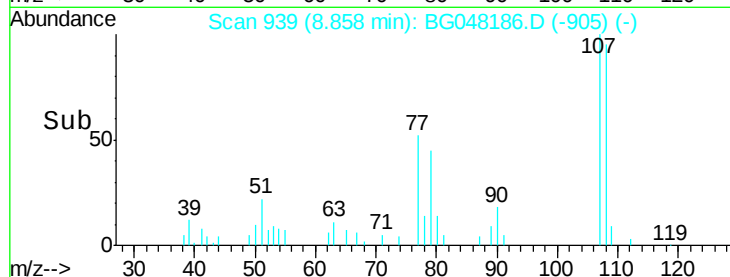
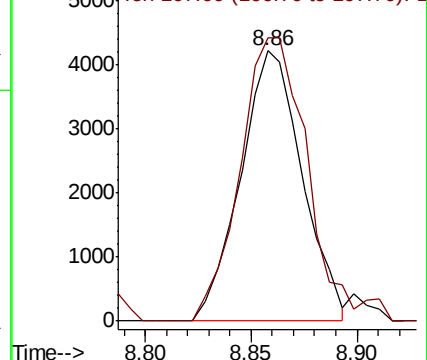
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#85

Chrysene

Concen: 17.278 ng/ul

RT: 21.84 min Scan# 3149

Delta R.T. 0.06 min

Lab File: BG048186.D

Acq: 17 Feb 2021 11:54

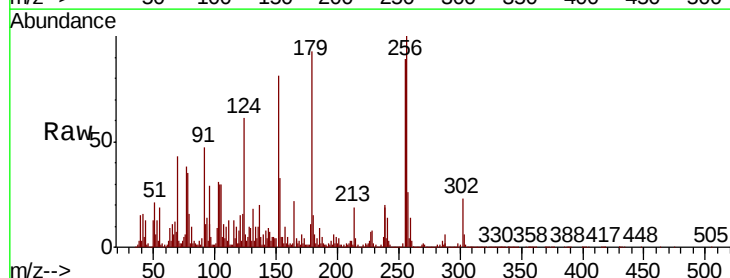
Tgt Ion:228 Resp: 497862

Ion Ratio Lower Upper

228 100

226 37.7 24.5 36.7#

229 22.9 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

