

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059034.D
 Acq On : 13 Sep 2023 7:41
 Operator : MA/JU
 Sample : 04175-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYG5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 08:21:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	127189	20.000	ng/ul	0.01
20) Naphthalene-d8	11.173	136	555021	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.951	164	339103	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.706	188	958168	20.000	ng/ul	# 0.02
79) Chrysene-d12	22.031	240	849357	20.000	ng/ul	0.02
88) Perylene-d12	25.632	264	759944	20.000	ng/ul	# 0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	6765m	2.261	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.442	99	128448	10.015	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.642	67	70942	9.433	ng/ul	0.01
11) 2-Chlorophenol-d4	7.836	132	88900	10.807	ng/ul	0.01
15) 4-Methylphenol-d8	9.011	113	63605	6.419	ng/ul	0.02
21) Nitrobenzene-d5	9.522	128	48606	12.073	ng/ul	0.01
24) 2-Nitrophenol-d4	10.245	143	57542	13.026	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.768	165	104146	11.093	ng/ul	0.02
31) 4-Chloroaniline-d4	11.314	131	31365	2.484	ng/ul	0.02
46) Dimethylphthalate-d6	14.346	166	326211	12.402	ng/ul	0.01
49) Acenaphthylene-d8	14.657	160	367692	12.553	ng/ul	0.02
54) 4-Nitrophenol-d4	15.133	143	24324	5.567	ng/ul	0.02
60) Fluorene-d10	15.938	176	301642	12.922	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.050	200	7452	1.584	ng/ul	0.02
73) Anthracene-d10	17.800	188	600066	14.107	ng/ul	0.01
81) Pyrene-d10	20.074	212	630346	14.010	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.380	264	527110	14.150	ng/ul	0.06
Target Compounds						
16) Acetophenone	9.169	105	44752	2.724	ng/ul#	81
80) Fluoranthene	19.739	202	59257	1.134	ng/ul#	88

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

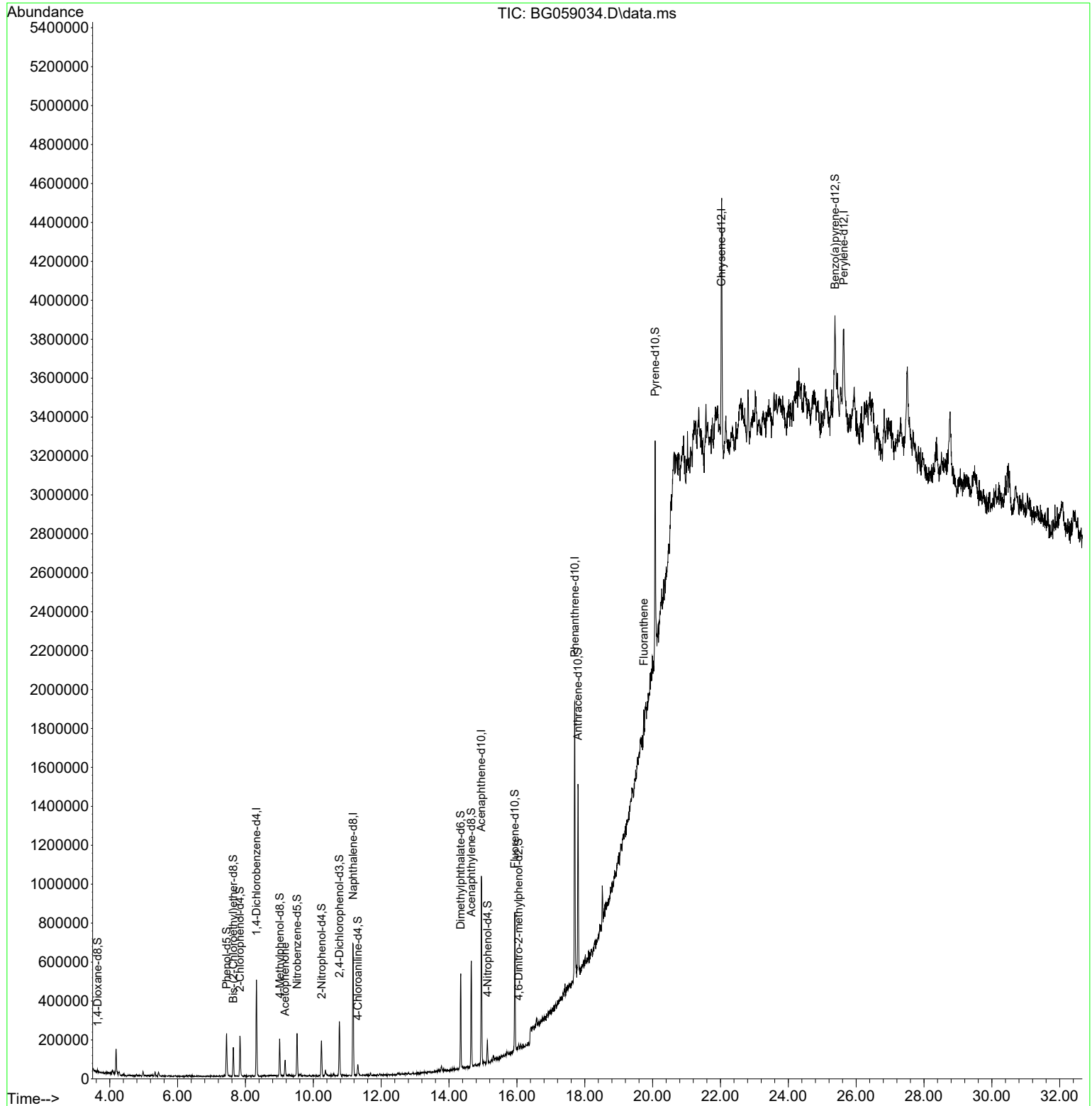
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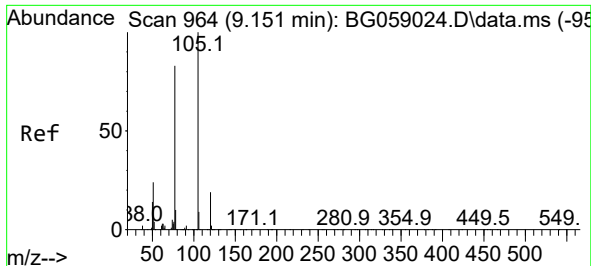
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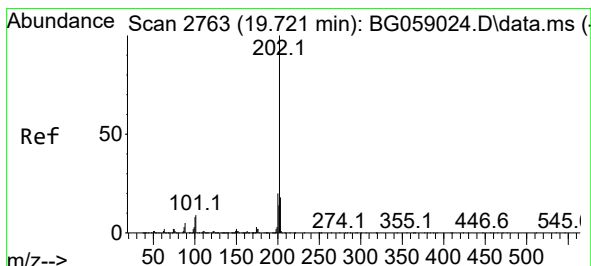
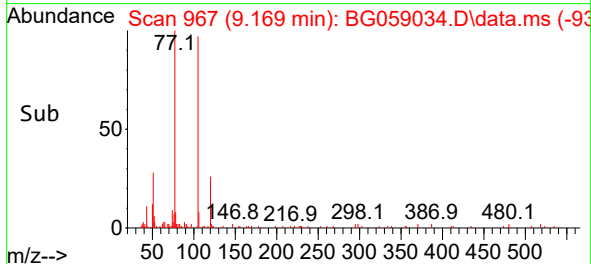
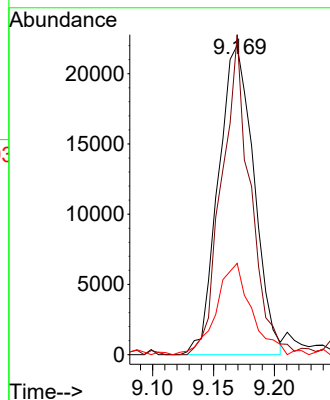
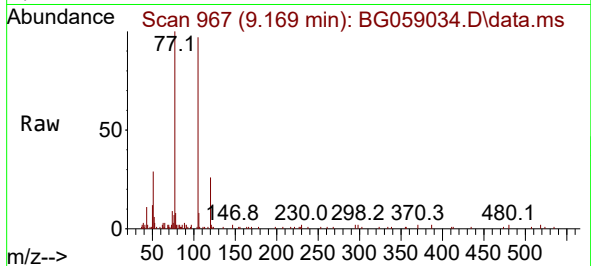
#16
Acetophenone
Concen: 2.724 ng/ul
RT: 9.169 min Scan# 90
Delta R.T. 0.018 min
Lab File: BG059034.D
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Tgt Ion:105 Resp: 44752
Ion Ratio Lower Upper
105 100
77 103.5 67.3 100.9#
51 29.6 19.3 28.9#

Manual Integrations
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#80
Fluoranthene
Concen: 1.134 ng/ul
RT: 19.739 min Scan# 2766
Delta R.T. 0.012 min
Lab File: BG059034.D
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Tgt Ion:202 Resp: 59257
Ion Ratio Lower Upper
202 100
101 12.9 6.1 9.1#
100 4.4 5.9 8.9#

