

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063205.D
 Acq On : 7 Nov 2024 16:53
 Operator : RC/JU
 Sample : P4586-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 16:43:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	84990	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	394518	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	366003	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	906876	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	944139	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	1040681	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	1574m	0.837	ng/uL	0.00
4) Pyridine-d5	3.723	84	11905m	1.916	ng/u1	0.01
7) Phenol-d5	7.013	99	32985	4.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	19650	4.368	ng/u1	0.00
11) 2-Chlorophenol-d4	7.372	132	24728	4.968	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	26981	4.151	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	14006	5.050	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	17432	4.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	34059	4.841	ng/u1	0.00
31) 4-Chloroaniline-d4	10.774	131	28395	3.099	ng/u1	0.01
46) Dimethylphthalate-d6	13.882	166	135846	4.738	ng/u1	0.00
49) Acenaphthylene-d8	14.170	160	146749	5.230	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	11420m	2.909	ng/u1	0.02
60) Fluorene-d10	15.474	176	132988	5.496	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	13707	2.405	ng/u1	0.00
73) Anthracene-d10	17.325	188	213919m	5.488	ng/u1	0.00
81) Pyrene-d10	19.622	212	222159	4.693	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	150178	2.989	ng/u1	0.00
Target Compounds						
16) Acetophenone	8.658	105	42200	4.032	ng/u1	93
80) Fluoranthene	19.287	202	80536	1.574	ng/u1#	97

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

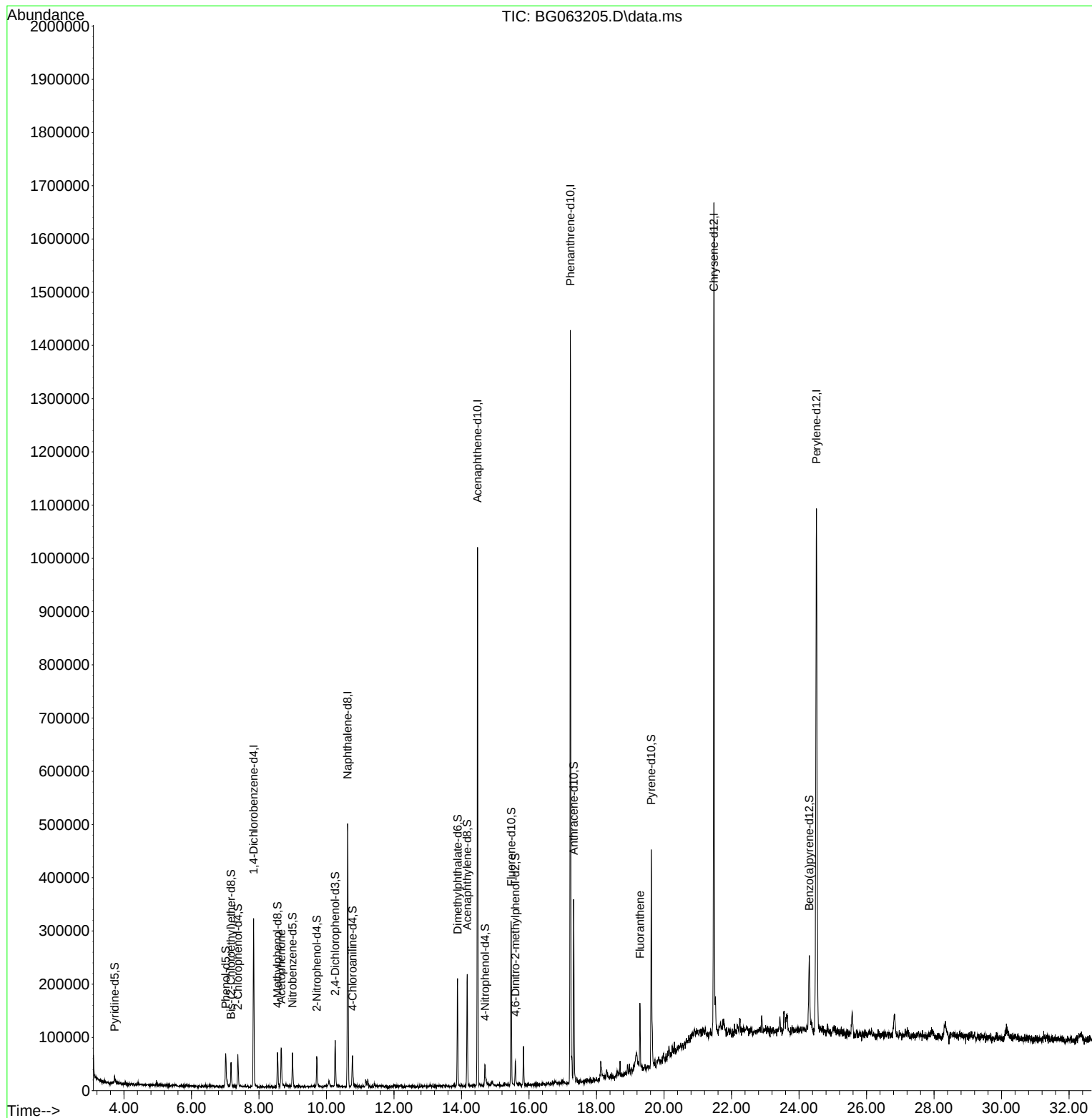
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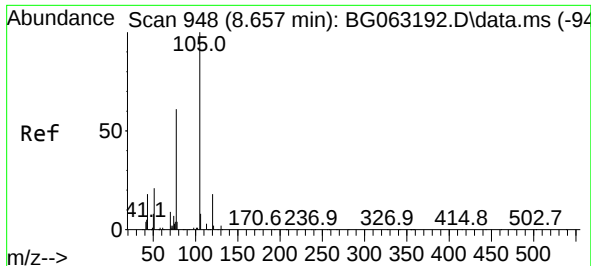
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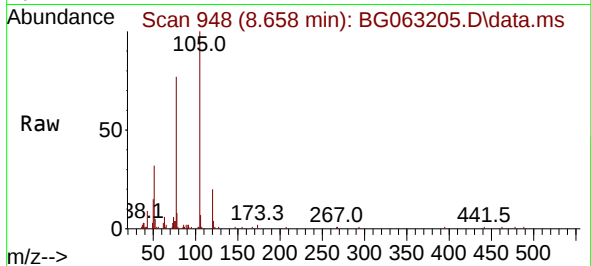
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#16
Acetophenone
Concen: 4.032 ng/uI
RT: 8.658 min Scan# 948
Delta R.T. 0.001 min
Lab File: BG063205.D
Acq: 7 Nov 2024 16:53

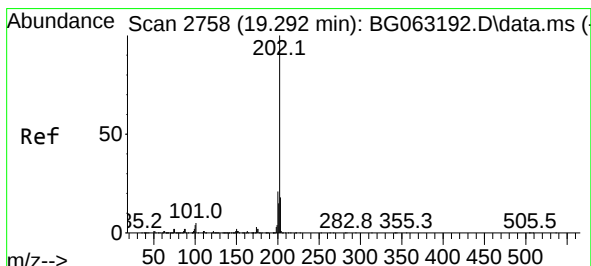
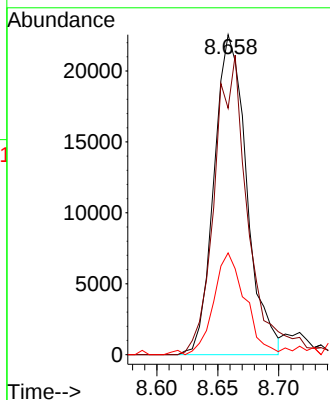
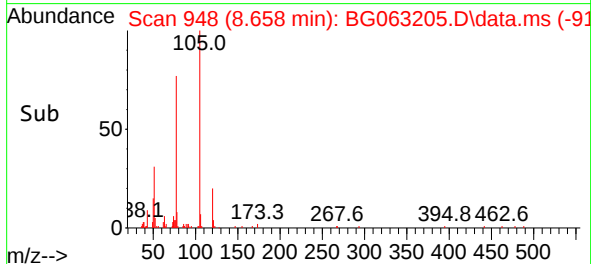
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Tgt Ion:105 Resp: 42200
Ion Ratio Lower Upper
105 100
77 77.0 68.0 102.0
51 31.8 24.3 36.5

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#80
Fluoranthene
Concen: 1.574 ng/uI
RT: 19.287 min Scan# 2757
Delta R.T. 0.001 min
Lab File: BG063205.D
Acq: 7 Nov 2024 16:53

Tgt Ion:202 Resp: 80536
Ion Ratio Lower Upper
202 100
101 6.9 4.7 7.1
100 5.5 3.4 5.0#

