Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062783.D
Acq On : 13 Sep 2024 11:46
Operator : JU/RC
Sample : P3952-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 13 23:09:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B38

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	45010	20.000	ng/ul	0.00
20) Naphthalene-d8	10.690	136	187229	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.526	164	164745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.270	188	430104	20.000	ng/ul	0.00
79) Chrysene-d12	21.512	240	464394	20.000	ng/ul	-0.01
88) Perylene-d12	24.573	264	523388	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	10850m	10.897	ng/uL	0.02
4) Pyridine-d5	3.768	84	32509	10.257	ng/ul	0.00
7) Phenol-d5	7.065	99	41884	10.612	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	81530	34.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	93569	32.547	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	73983	22.494	ng/ul	0.00
21) Nitrobenzene-d5	9.050	128	53025	39.626	ng/ul	0.00
24) 2-Nitrophenol-d4	9.773	143	57110	39.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	113220	35.524	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	92278	21.064	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	486633	38.358	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	514787	36.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.720	143	23102	10.719	ng/ul	-0.01
60) Fluorene-d10	15.519	176	435782	38.119	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	83945	33.930	ng/ul	0.00
73) Anthracene-d10	17.370	188	804249	39.621	ng/ul	0.00
81) Pyrene-d10	19.662	212	1108660	42.424	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.368	264	1131775	40.952	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	7548	6.764	ng/uL	97
30) Naphthalene	10.743	128	21911	2.183	ng/ul	98

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

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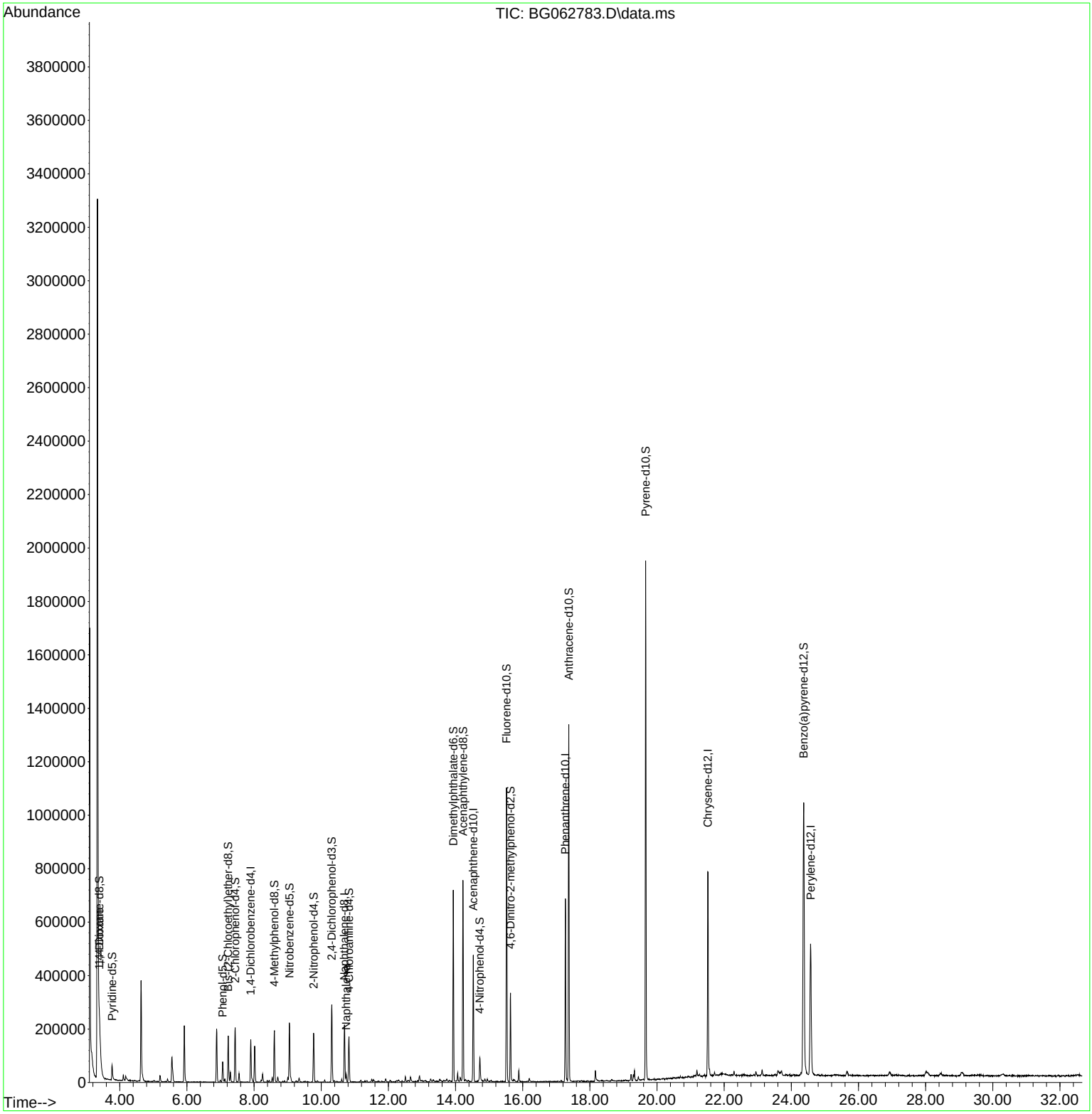

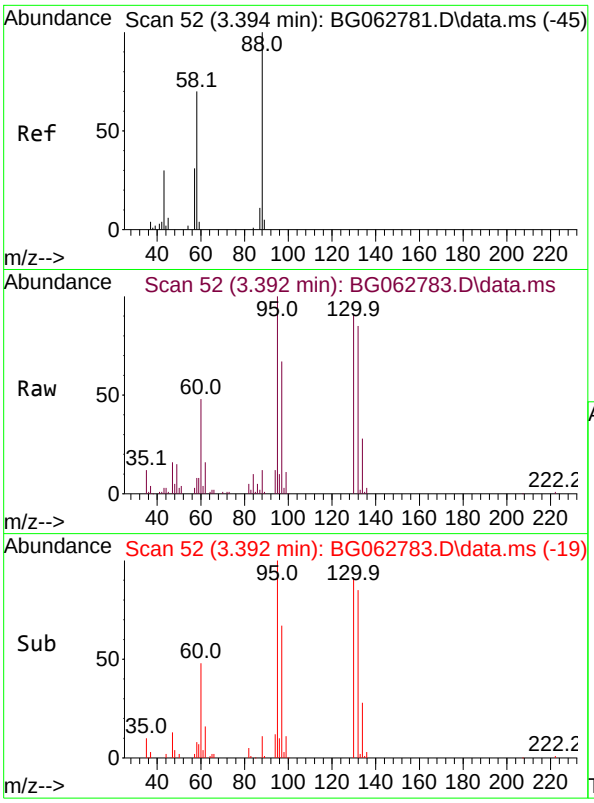

#2
1,4-Dioxane
Concen: 6.764 ng/uL
RT: 3.392 min Scan# 5
Delta R.T. -0.007 min
Lab File: BG062783.D
Acq: 13 Sep 2024 11:46

Tgt Ion: 88 Resp: 754

Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.1	34.7
58	68.7	57.2	85.8

Instrument :
BNA_G
ClientSampleId :
C0B38

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
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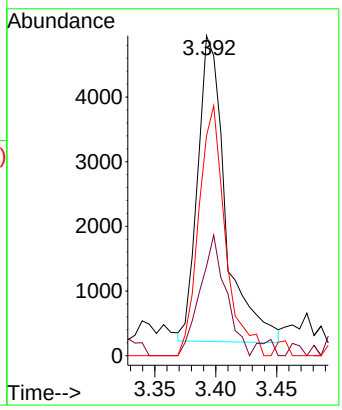

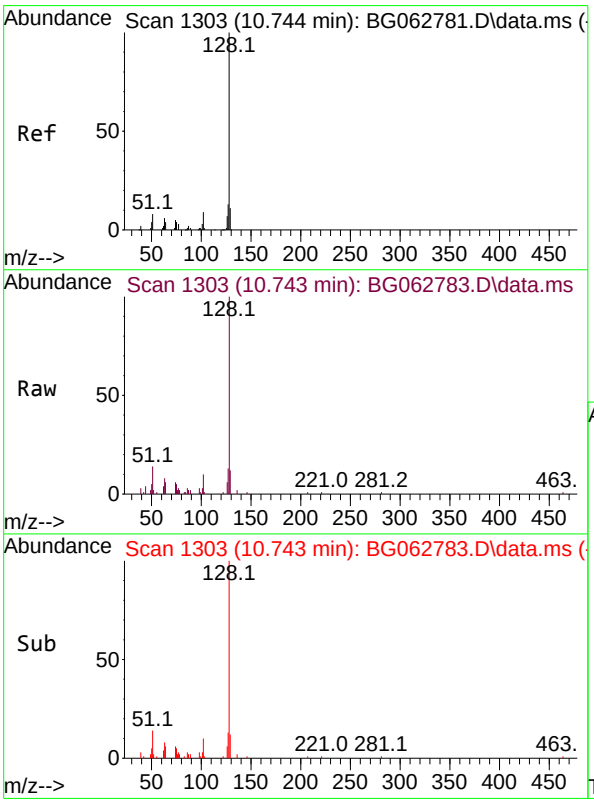

#30
Naphthalene
Concen: 2.183 ng/ul
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG062783.D
Acq: 13 Sep 2024 11:46

Tgt Ion:128 Resp: 21911

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	12.8	10.7	16.1