Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042720.D
Acq On : 14 Nov 2023 02:13
Operator : MA/JU
Sample : 05079-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEG0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 03:51:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	51934	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	177633	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	126324	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.268	188	312706	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.439	240	222025	20.000	ng/ul	# 0.00
88) Perylene-d12	23.809	264	236811	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	4431m	2.677	ng/uL	0.00
4) Pyridine-d5	3.669	84	17927	4.354	ng/ul	0.04
7) Phenol-d5	7.057	99	38892m	7.695	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.187	67	110969	31.244	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	96596	24.768	ng/ul	0.01
15) 4-Methylphenol-d8	8.610	113	86103m	21.635	ng/ul	0.05
21) Nitrobenzene-d5	9.045	128	70137	45.035	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	71894	39.461	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	111844	33.016	ng/ul	0.05
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.957	166	440595m	36.852	ng/ul	0.04
49) Acenaphthylene-d8	14.216	160	490032	38.307	ng/ul	0.02
54) 4-Nitrophenol-d4	14.739	143	1784	1.321	ng/ul	0.00
60) Fluorene-d10	15.510	176	833474	84.187	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.674	200	57843	24.420	ng/ul	0.04
73) Anthracene-d10	17.368	188	560890	32.005	ng/ul	0.02
81) Pyrene-d10	19.662	212	617677	42.484	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.656	264	477728	33.726	ng/ul	0.00
Target Compounds						Qvalue
18) 4-Methylphenol	8.669	108	220463	54.086	ng/ul	87
50) Acenaphthylene	14.251	152	151916	10.599	ng/ul#	88

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

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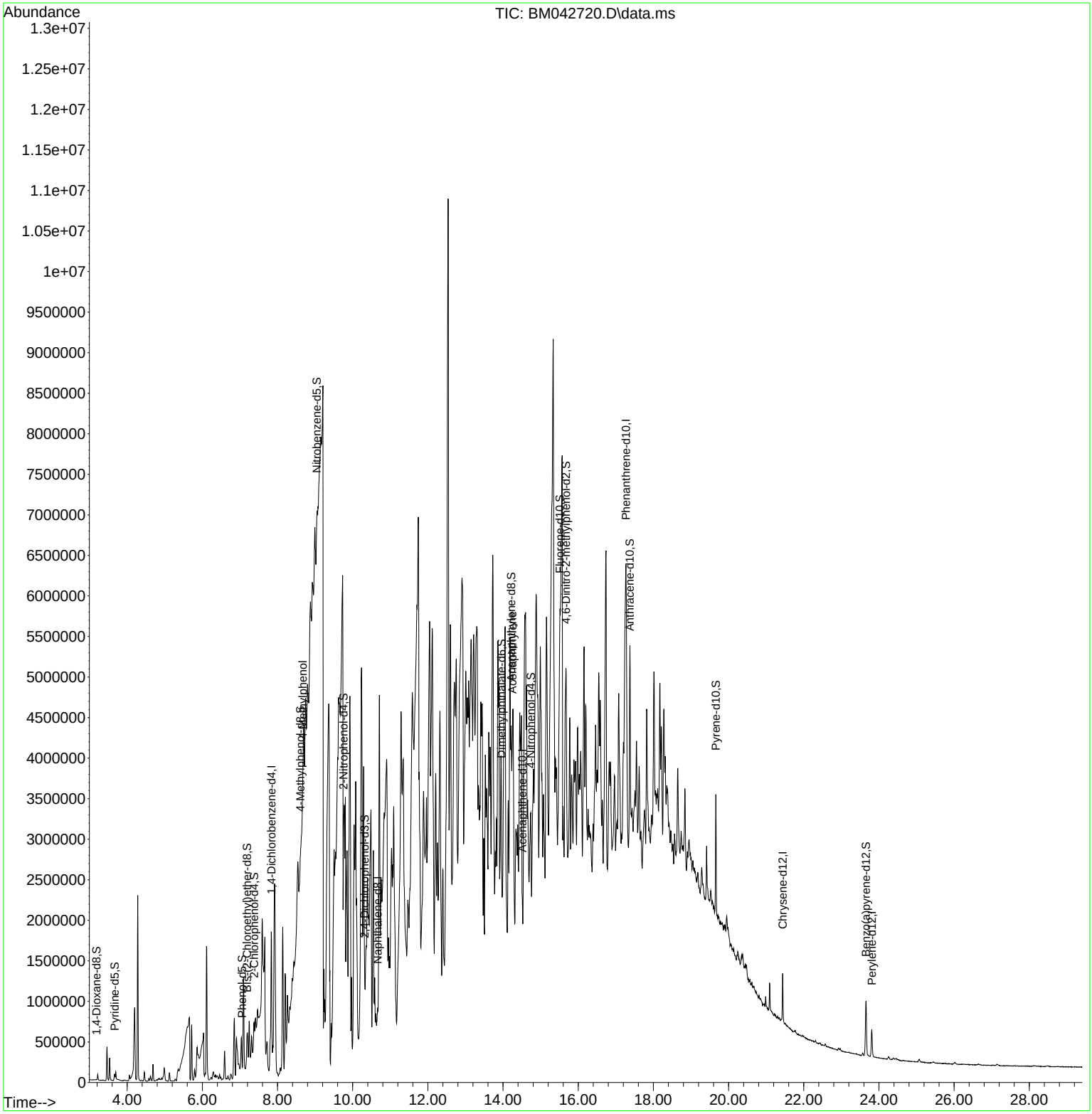
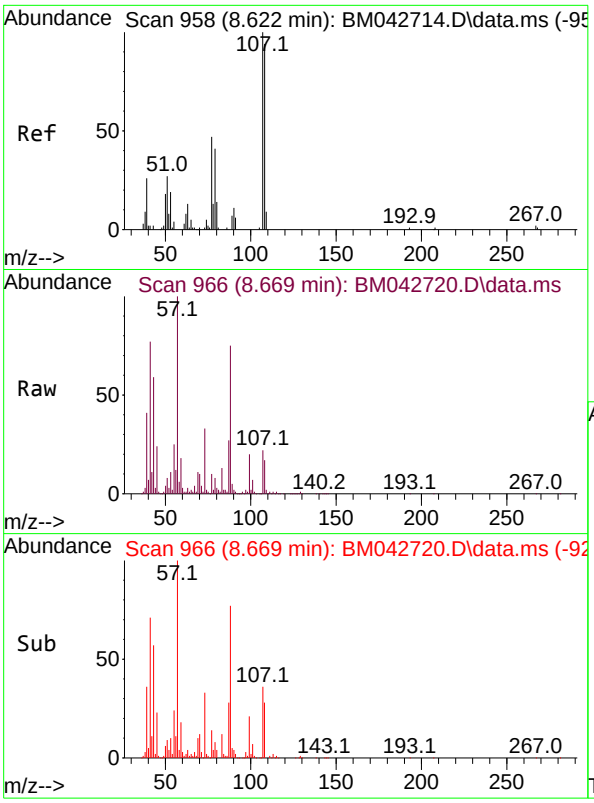
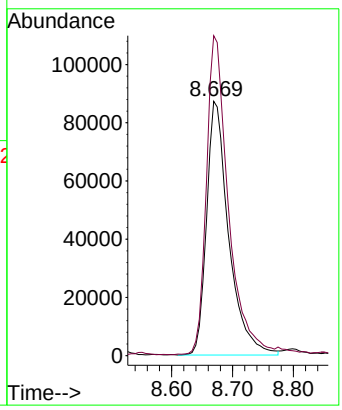




#18
4-Methylphenol
Concen: 54.086 ng/ul
RT: 8.669 min Scan# 9
Delta R.T. 0.041 min
Lab File: BM042720.D
Acq: 14 Nov 2023 02:13

Tgt Ion:108 Resp: 22046

Ion	Ratio	Lower	Upper
108	100		
107	125.8	89.4	134.0



Instrument :
BNA_M
ClientSampleId :
BHEG0

Manual Integrations
APPROVED

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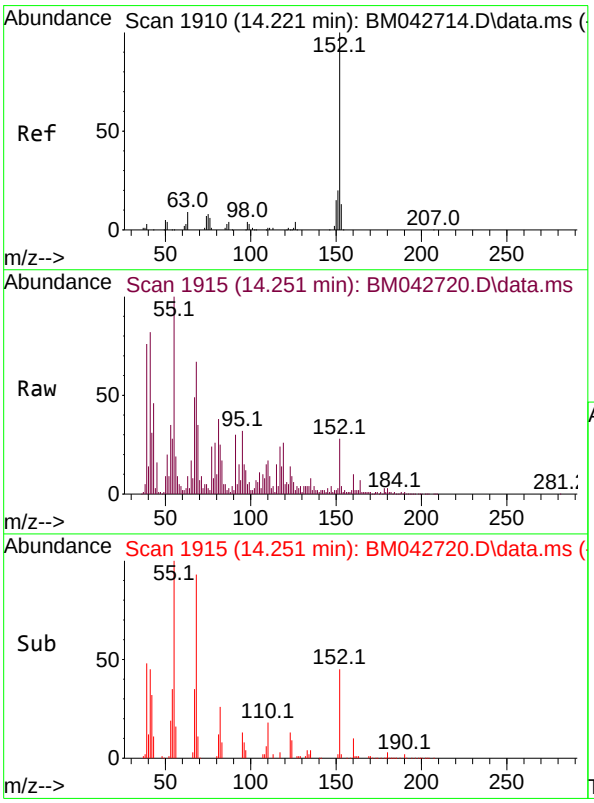

#50
Acenaphthylene
Concen: 10.599 ng/ul
RT: 14.251 min Scan# 1915
Delta R.T. 0.024 min
Lab File: BM042720.D
Acq: 14 Nov 2023 02:13

Tgt Ion:152 Resp: 151916

Ion	Ratio	Lower	Upper
152	100		
151	11.8	16.0	24.0#
153	14.5	10.5	15.7