Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050141.D
Acq On : 3 Sep 2021 21:42
Operator : CG/JU
Sample : M3549-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7A3

Manual Integrations APPROVED
mohammad
9/7/2021 11:34:07 AM

Quant Time: Sep 03 23:48:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	29137	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	115830	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.611	164	75778	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.366	188	161485	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.637	240	165695	20.000	ng/ul	-0.01
88) Perylene-d12	24.856	264	166535	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	4016m	7.107	ng/uL	-0.01
4) Pyridine-d5	3.749	84	16910	9.936	ng/ul	0.00
7) Phenol-d5	7.127	99	21287	8.604	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	43282	31.487	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	47409	25.608	ng/ul	-0.01
15) 4-Methylphenol-d8	8.672	113	34250	17.577	ng/ul	-0.01
21) Nitrobenzene-d5	9.118	128	30525	33.992	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.847	143	34076	31.868	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	57163	29.972	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	51578	19.869	ng/ul	-0.01
46) Dimethylphthalate-d6	14.012	166	206276	35.569	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	233310	34.311	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.863	143	7580m	9.034	ng/ul	0.02
60) Fluorene-d10	15.604	176	171227	34.823	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.745	200	32525	31.307	ng/ul	-0.01
73) Anthracene-d10	17.466	188	274132	37.803	ng/ul	-0.01
81) Pyrene-d10	19.757	212	336631	37.596	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.638	264	318209	36.016	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.816	128	46764	8.077	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	9295	2.160	ng/ul	92
37) 1-Methylnaphthalene	12.655	142	7781	1.791	ng/ul#	74
77) Carbazole	17.771	167	13383	1.844	ng/ul#	92

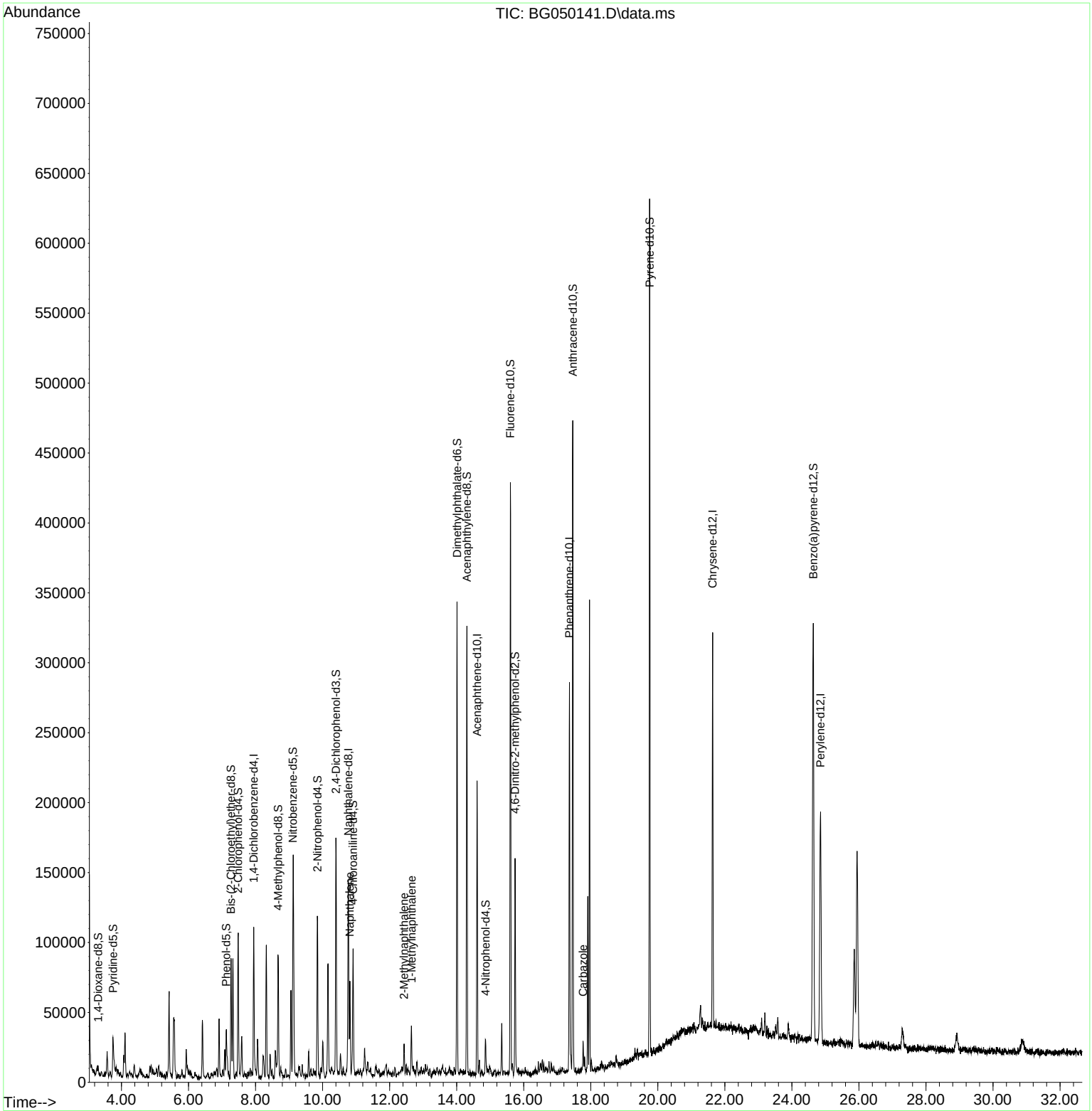
(#) = qualifier out of range (m) = manual integration (+) = signals summed

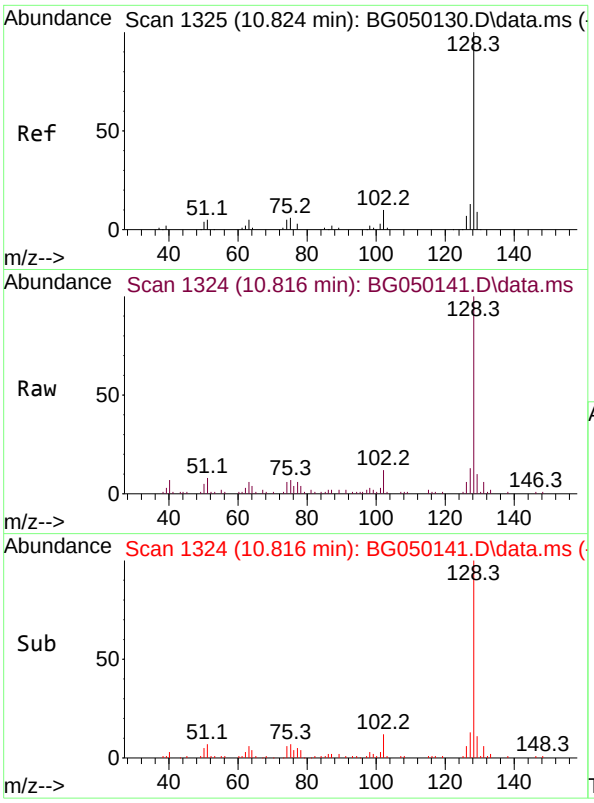
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050141.D
Acq On : 3 Sep 2021 21:42
Operator : CG/JU
Sample : M3549-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Sep 03 23:48:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7A3

Manual Integrations APPROVED
mohammad
9/7/2021 11:34:07 AM

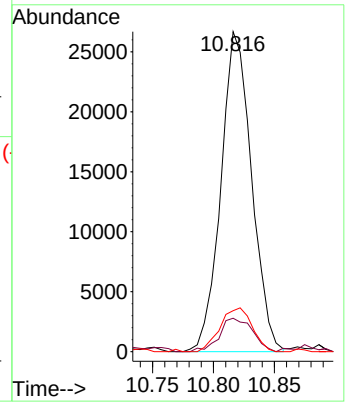


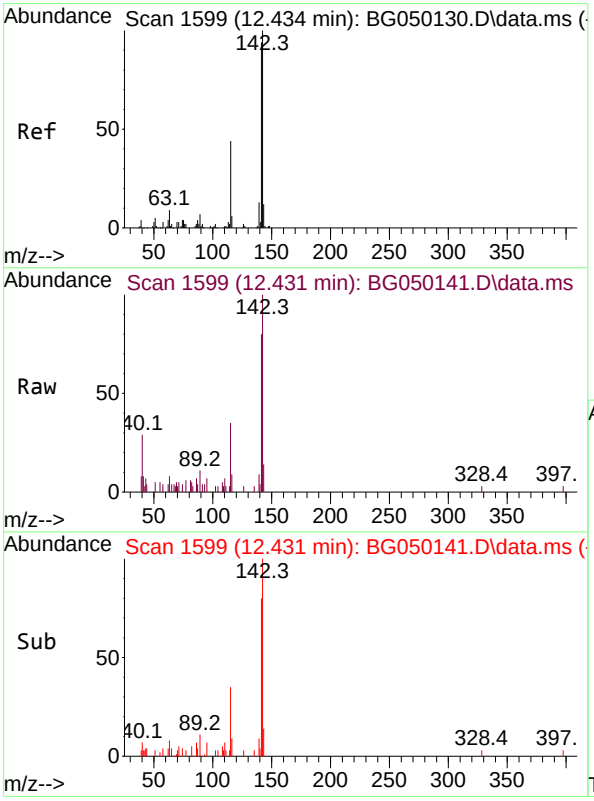


#30
Naphthalene
Concen: 8.077 ng/ul
RT: 10.816 min Scan# 1324
Delta R.T. -0.011 min
Lab File: BG050141.D
Acq: 3 Sep 2021 21:42

Tgt Ion:128 Resp: 46764

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.3	13.9
127	12.8	9.8	14.6

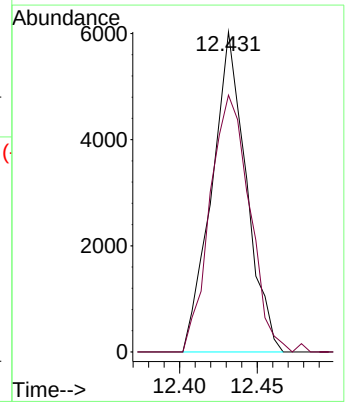




#36
2-Methylnaphthalene
Concen: 2.160 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. -0.011 min
Lab File: BG050141.D
Acq: 3 Sep 2021 21:42

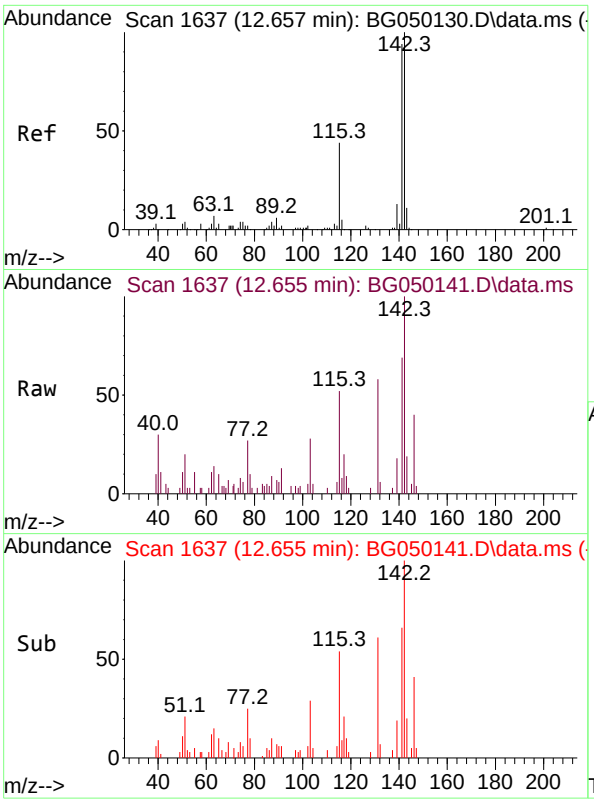
Tgt Ion:142 Resp: 9295

Ion	Ratio	Lower	Upper
142	100		
141	80.2	70.5	105.7



Instrument :
BNA_G
ClientSampleId :
EW7A3

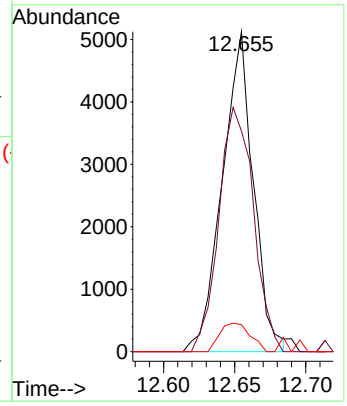
Manual Integrations APPROVED
mohammad
9/7/2021 11:34:07 AM



#37
1-Methylnaphthalene
Concen: 1.791 ng/ul
RT: 12.655 min Scan# 1637
Delta R.T. -0.005 min
Lab File: BG050141.D
Acq: 3 Sep 2021 21:42

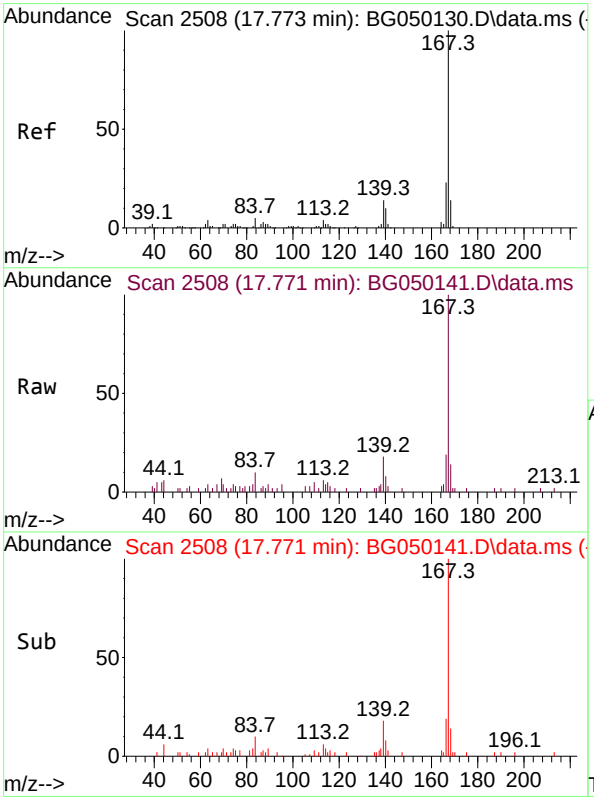
Tgt Ion:142 Resp: 7781

Ion	Ratio	Lower	Upper
142	100		
141	69.0	75.8	113.8#
116	8.5	3.7	5.5#



Instrument :
BNA_G
ClientSampleId :
EW7A3

Manual Integrations APPROVED
mohammad
9/7/2021 11:34:07 AM



#77
Carbazole
Concen: 1.844 ng/ul
RT: 17.771 min Scan# 2508
Delta R.T. -0.011 min
Lab File: BG050141.D
Acq: 3 Sep 2021 21:42

Tgt Ion:167 Resp: 13383

Ion	Ratio	Lower	Upper
167	100		
166	19.0	17.8	26.8
139	18.2	11.1	16.7#