Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008300.D
Acq On : 14 Dec 2016 08:24
Operator : UM/SJ
Sample : H5976-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8P0

Manual Integrations APPROVED
Sohil
12/14/2016 6:58:03 PM

Quant Time: Dec 14 11:01:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:32:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	132474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	513788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	335075	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	702954	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	941139	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	969433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2888	1.03	ng/uL	0.00
5) Phenol-d5	6.87	99	48808	4.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	160323	27.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	159847	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	94353	11.85	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	102080	27.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	113951	27.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	186625	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	16539m	1.91	ng/ul	0.04
43) Dimethylphthalate-d6	13.73	166	692995	31.11	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	795655	30.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	11618m	3.54	ng/ul	0.05
57) Fluorene-d10	15.31	176	596905	30.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	98580	23.56	ng/ul	0.00
70) Anthracene-d10	17.16	188	970068	31.68	ng/ul	0.00
76) Pyrene-d10	19.46	212	1191814	32.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1292328	31.75	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.03	152	35951	1.34	ng/ul#	92
49) Acenaphthene	14.37	153	627054	34.06	ng/ul	98
58) Fluorene	15.37	166	187448	8.51	ng/ul	96

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

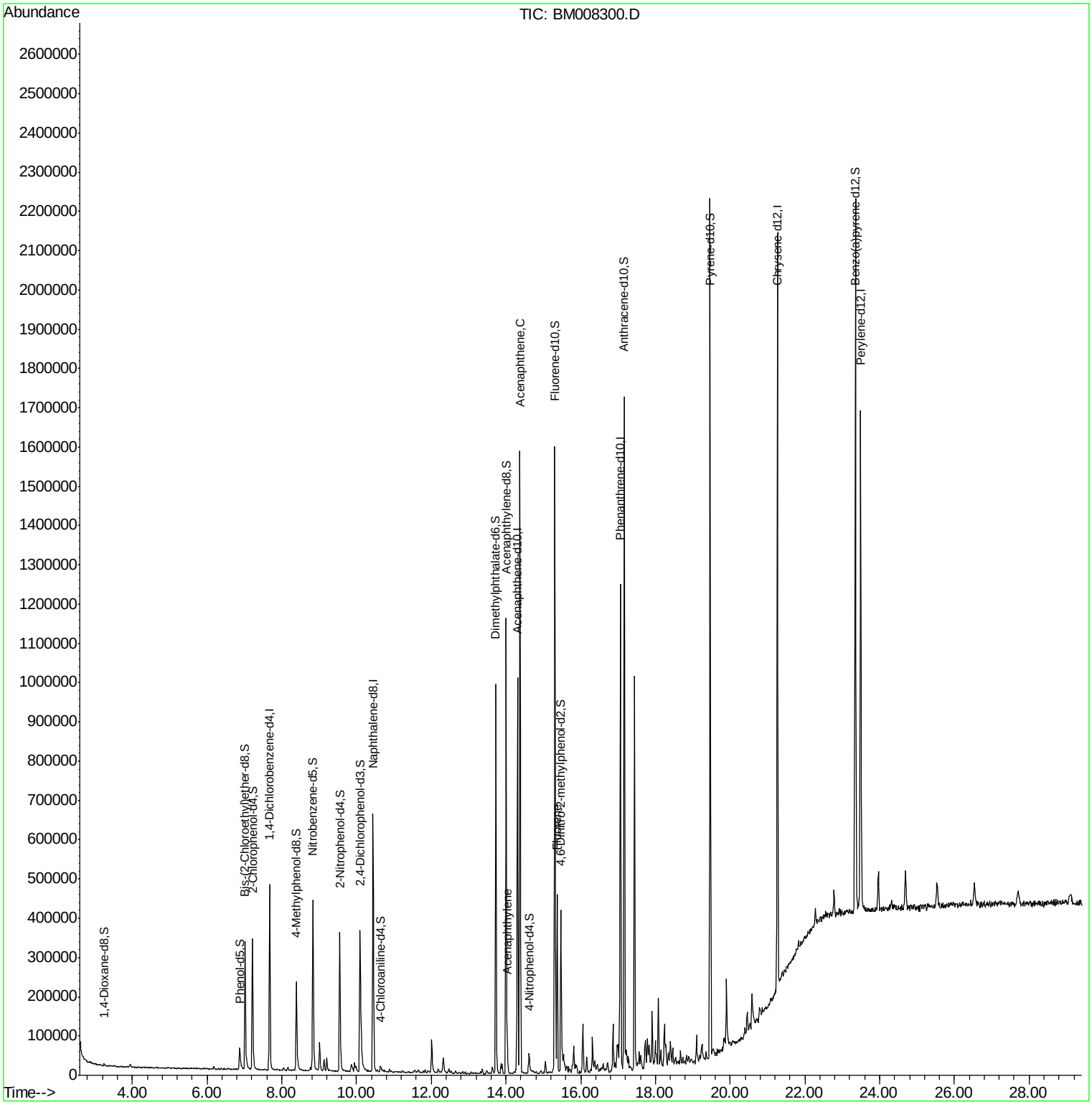
Quantitation Report (QT/LSC Reviewed)

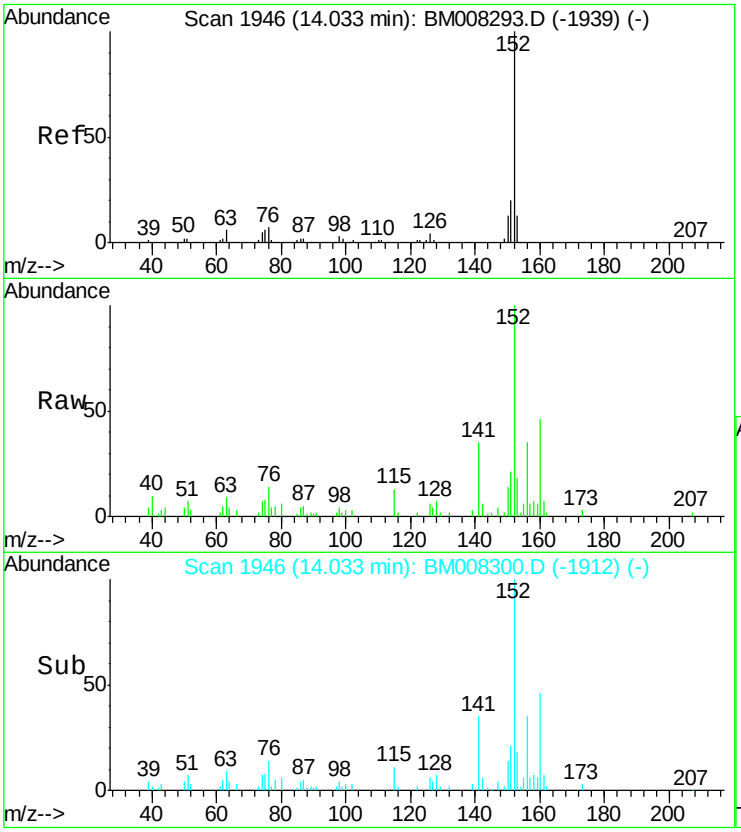
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008300.D
Acq On : 14 Dec 2016 08:24
Operator : UM/SJ
Sample : H5976-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 14 11:01:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:32:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8P0

Manual Integrations APPROVED
Sohil
12/14/2016 6:58:03 PM

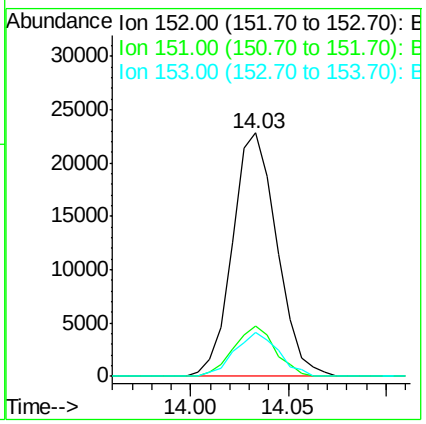




#47
Acenaphthylene
Concen: 1.34 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM008300.D
Acq: 14 Dec 2016 08:24

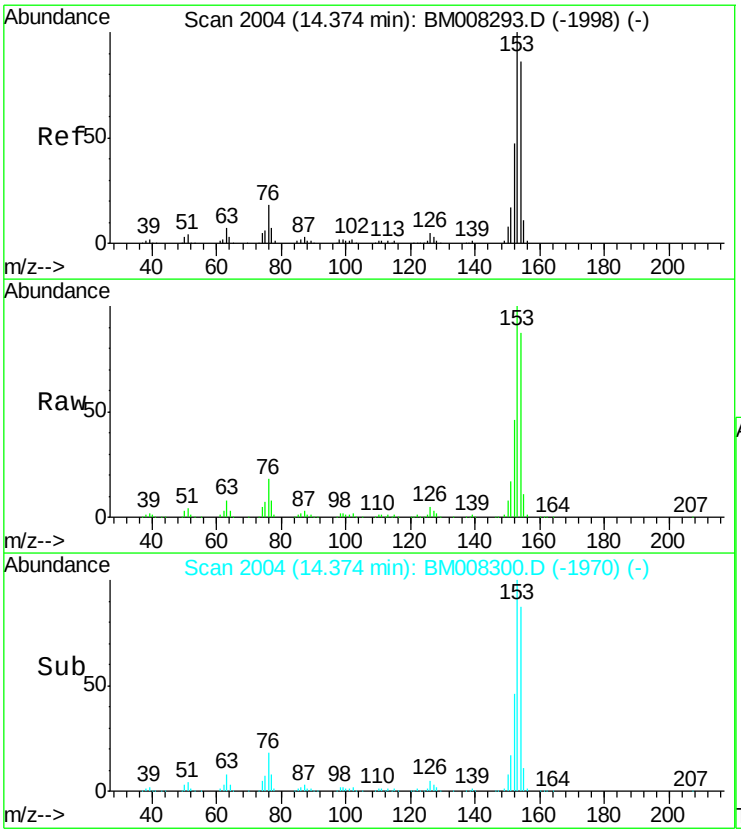
Tgt Ion:152 Resp: 35951

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.3	22.9
153	17.9	9.9	14.9#



Instrument :
BNA_M
ClientSampleId :
DA8P0

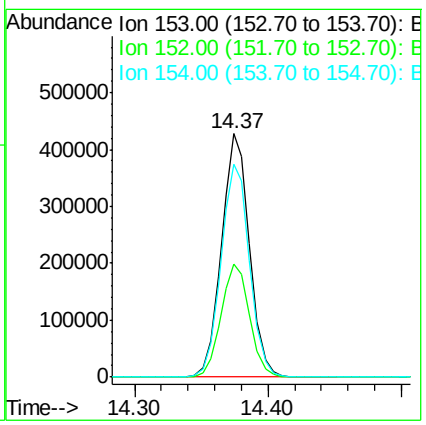
Manual Integrations APPROVED
Sohil
12/14/2016 6:58:03 PM

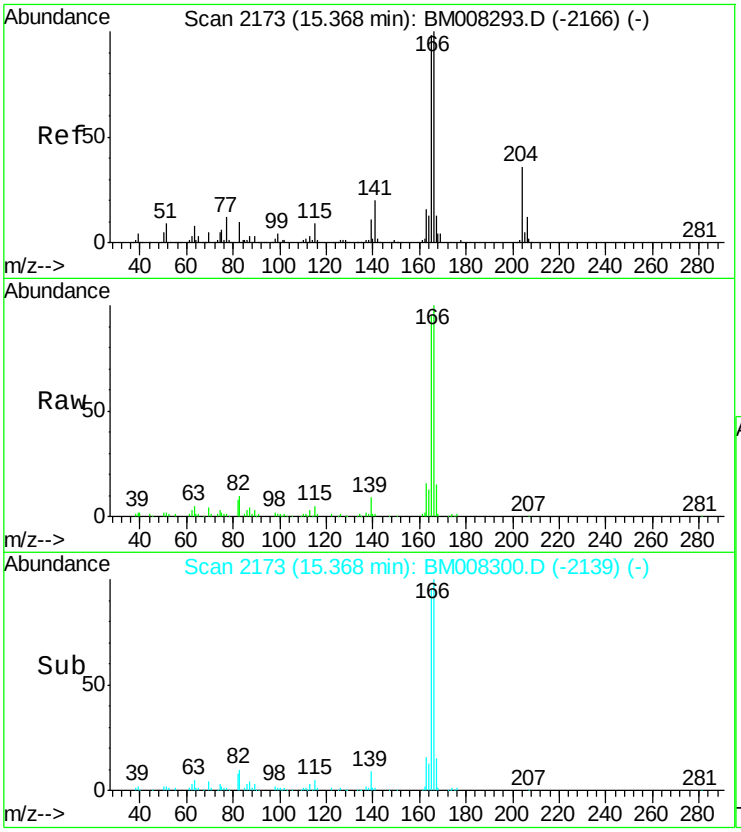


#49
Acenaphthene
Concen: 34.06 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BM008300.D
Acq: 14 Dec 2016 08:24

Tgt Ion:153 Resp: 627054

Ion	Ratio	Lower	Upper
153	100		
152	46.3	36.6	54.8
154	87.2	71.4	107.2

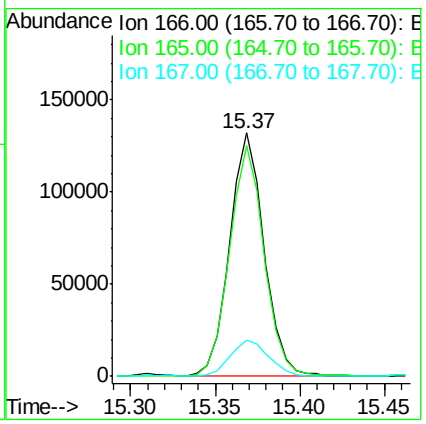




#58
Fluorene
Concen: 8.51 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM008300.D
Acq: 14 Dec 2016 08:24

Tgt Ion:166 Resp: 187448

Ion	Ratio	Lower	Upper
166	100		
165	95.0	79.3	118.9
167	14.9	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
DA8P0

Manual Integrations APPROVED
Sohil
12/14/2016 6:58:03 PM