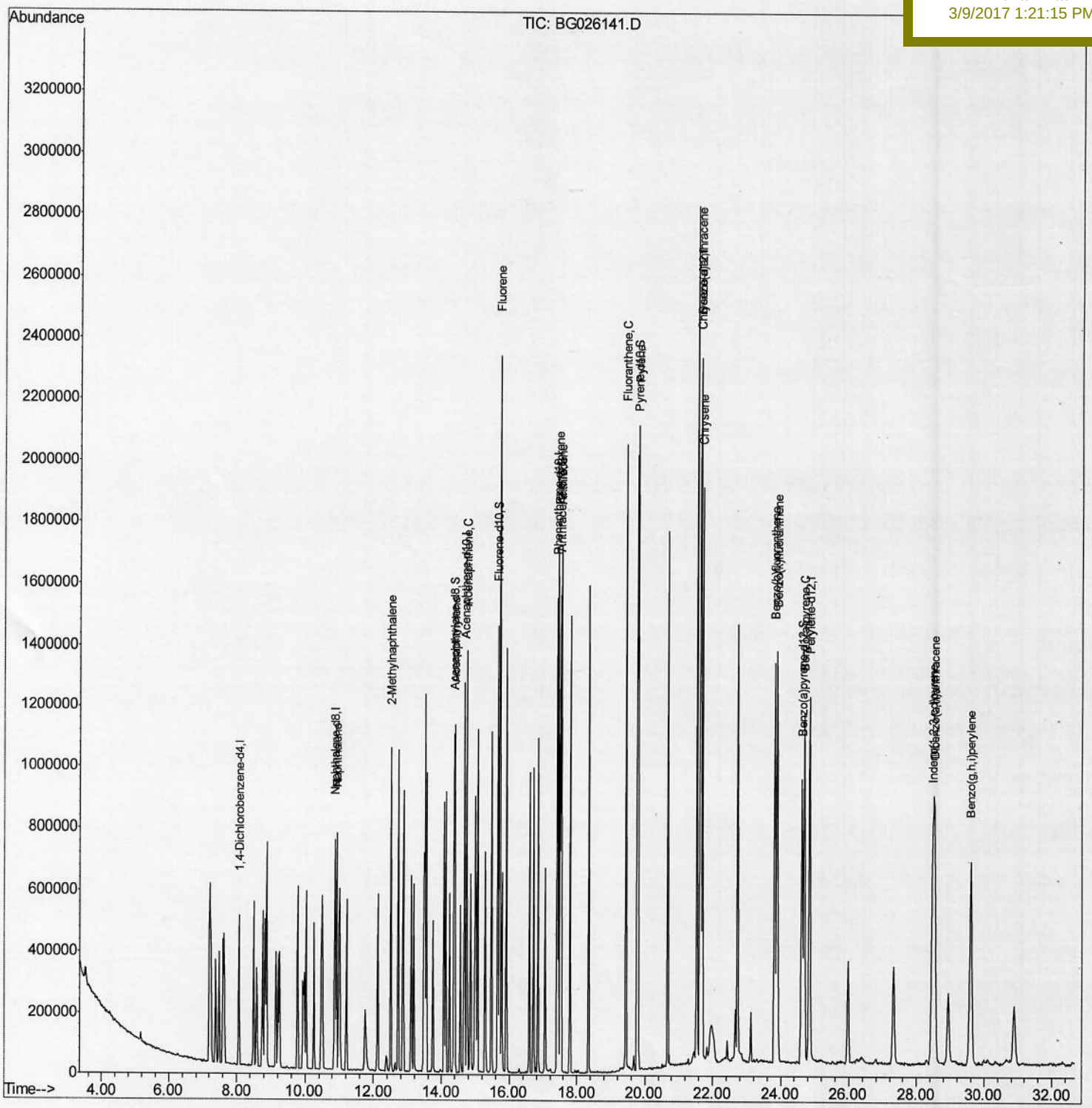
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG030817\
Data File : BG026141.D
Acq On : 9 Mar 2017 9:25
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 10:51:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:12:53 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
3/9/2017 1:21:15 PM



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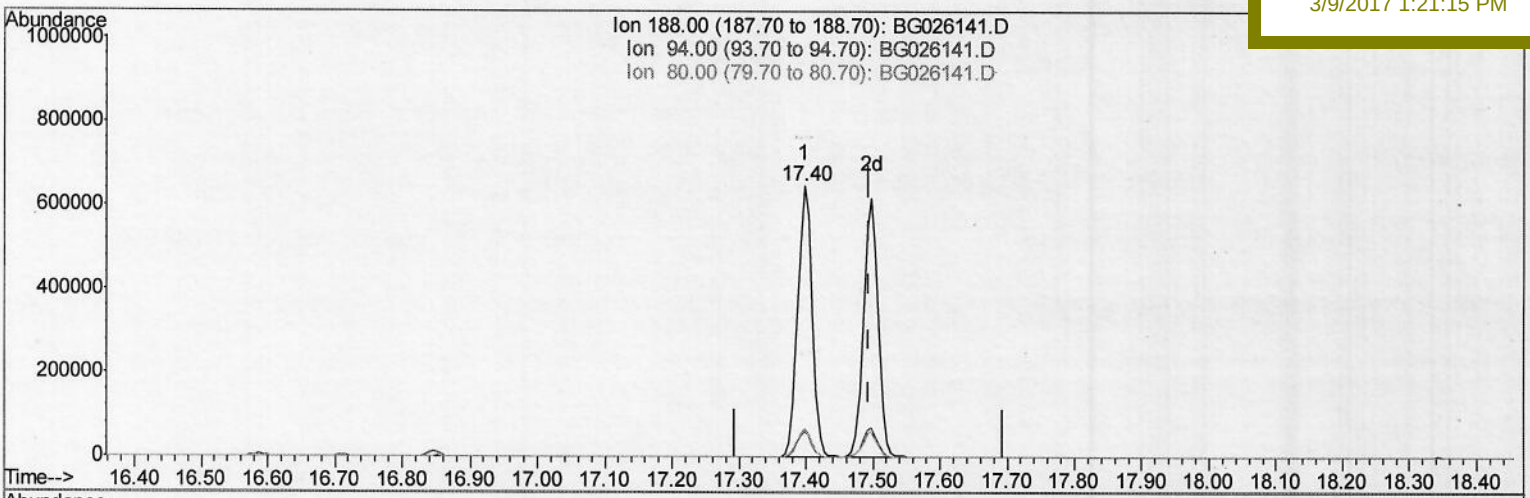

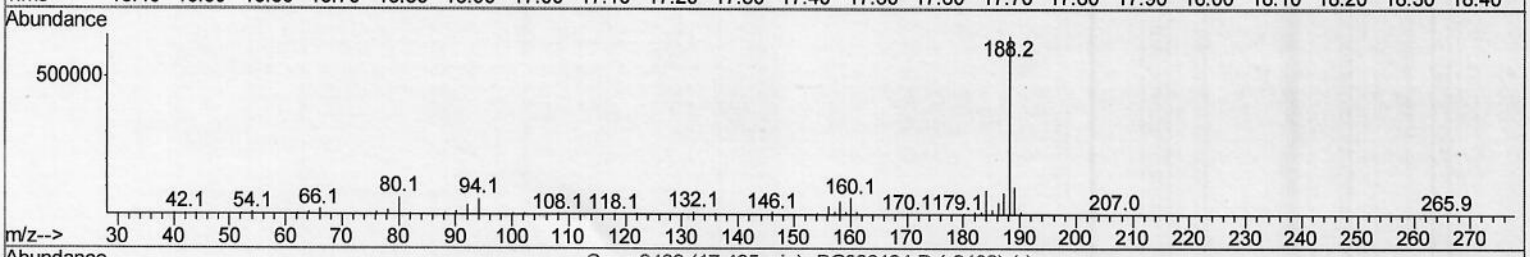

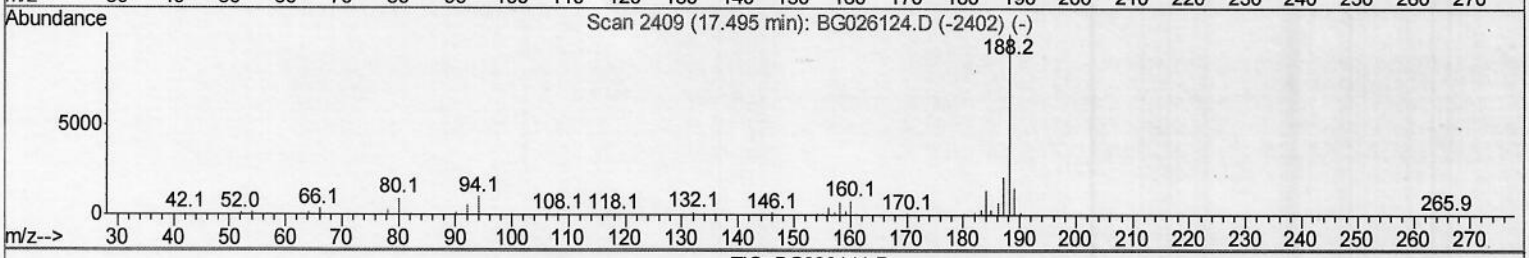

TIC: BG026141.D

(13) Anthracene-d10 (S)

17.398min (-0.097) 22.43ng/ul

response 968291

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	9.28
80.00	11.80	9.94
0.00	0.00	0.00

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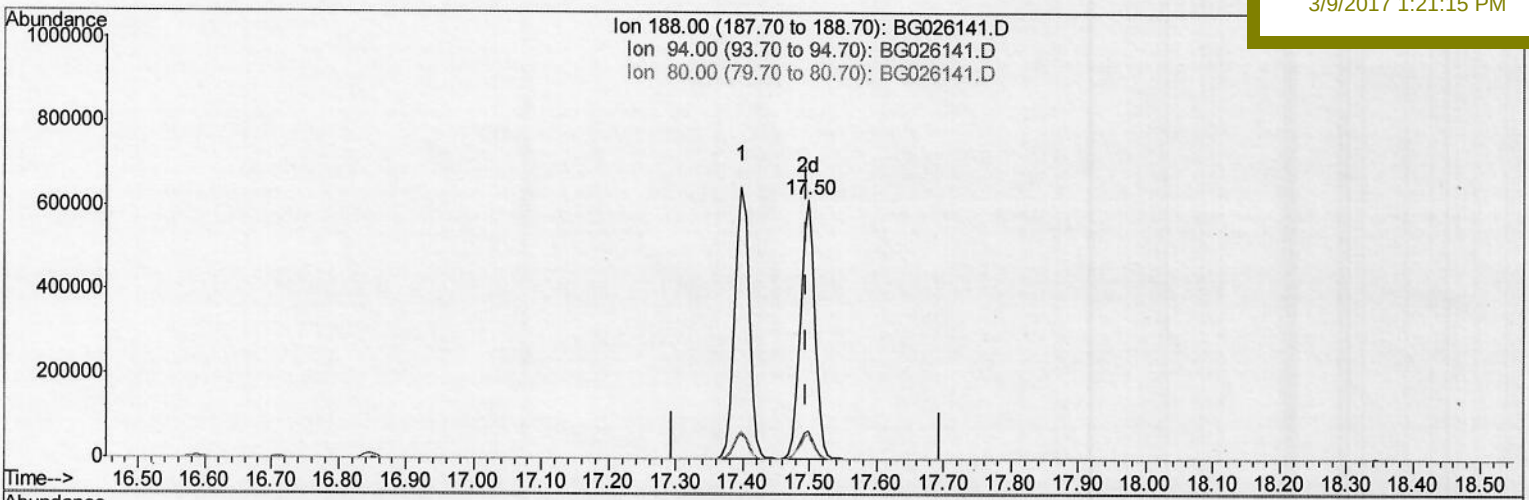
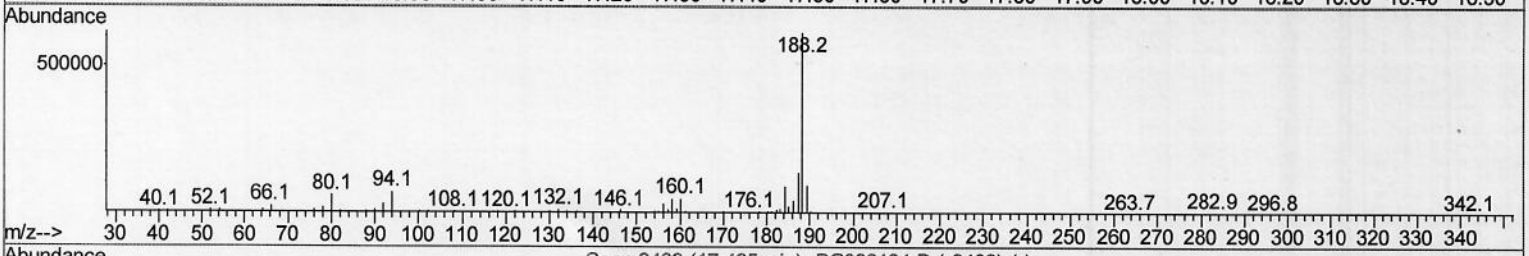
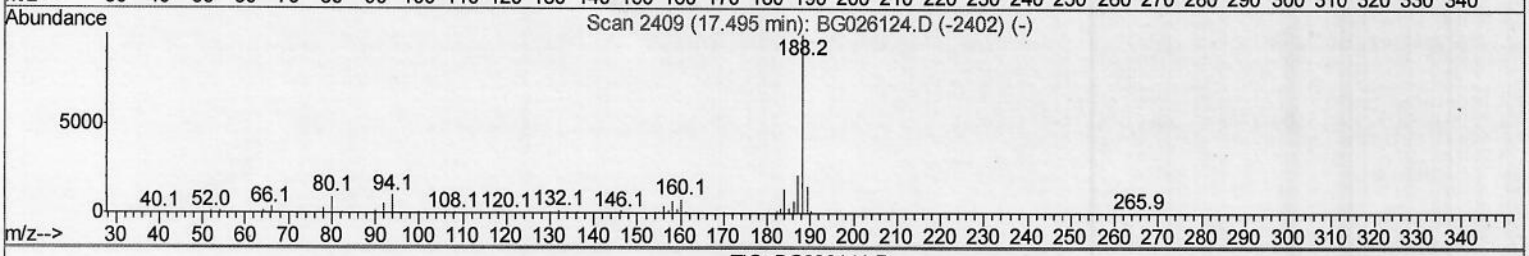
Manual Integrations APPROVED
mohammad
3/9/2017 1:21:15 PM







TIC: BG026141.D

(13) Anthracene-d10 (S)

17.497min (+0.003) 21.53ng/ul m

response 929306

S.J
03/10/17

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.04
80.00	11.80	9.31#
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED
mohammad
3/9/2017 1:21:15 PM

Quant Time: Mar 09 10:51:14 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	148431	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	682624	20.00	ng/ul	0.00
5) Acenaphthene-d10	14.67	164	466316	20.00	ng/ul	0.00
11) Phenanthrene-d10	17.40	188	968291	20.00	ng/ul	0.00
16) Chrysene-d12	21.65	240	1042946	20.00	ng/ul	0.00
21) Perylene-d12	24.84	264	1038163	20.00	ng/ul	0.00
System Monitoring Compounds						
6) Acenaphthylene-d8	14.36	160	828264	20.83	ng/ul	0.00
9) Fluorene-d10	15.65	176	611637	21.09	ng/ul	0.00
13) Anthracene-d10	17.50	188	929306m	21.53	ng/ul	0.00
17) Pyrene-d10	19.77	212	1022211	19.21	ng/ul	0.00
24) Benzo(a)pyrene-d12	24.61	264	979233	21.87	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.92	128	695971	20.84	ng/ul	99
4) 2-Methylnaphthalene	12.51	142	534057	21.56	ng/ul	98
7) Acenaphthylene	14.39	152	830940	20.46	ng/ul	98
8) Acenaphthene	14.73	153	586106	20.42	ng/ul	95
10) Fluorene	15.71	166	672624	20.76	ng/ul	98
12) Phenanthrene	17.44	178	1086292	21.17	ng/ul	97
14) Anthracene	17.53	178	1094932	21.12	ng/ul	96
15) Fluoranthene	19.44	202	1252638	23.51	ng/ul	99
18) Pyrene	19.80	202	1265790	19.06	ng/ul	98
19) Benzo(a)anthracene	21.63	228	1238050	21.33	ng/ul	96
20) Chrysene	21.69	228	1169056	21.58	ng/ul	98
22) Benzo(b)fluoranthene	23.82	252	1261929	21.41	ng/ul	98
23) Benzo(k)fluoranthene	23.89	252	1208293	21.41	ng/ul	99
25) Benzo(a)pyrene	24.68	252	1217837	22.24	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	28.47	276	1453587	23.97	ng/ul#	94
27) Dibenzo(a,h)anthracene	28.53	278	1178946	24.58	ng/ul	95
28) Benzo(g,h,i)perylene	29.60	276	1200900	23.15	ng/ul	96

→ S.J 03/10/17

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