

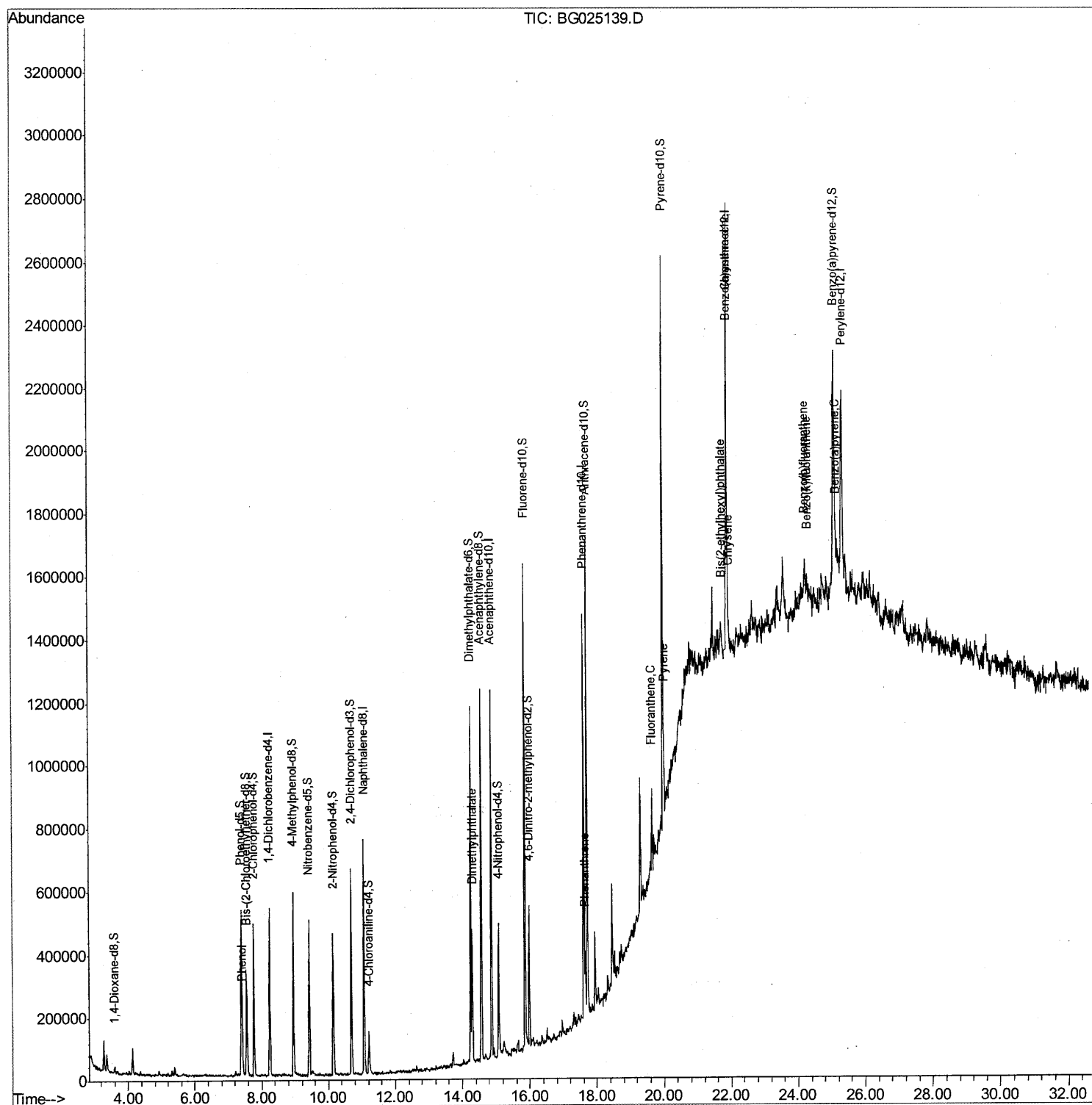
Data Path : Z:\HPCHEM1\BNA G\Data\BG121216\
Data File : BG025139.D
Acq On : 13 Dec 2016 7:15
Operator : UM/SJ
Sample : H5993-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
P036-SS025-0612-03

Manual Integrations
APPROVED

sohil
12/13/2016 6:07:53 PM

Quant Time: Dec 13 10:15:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration



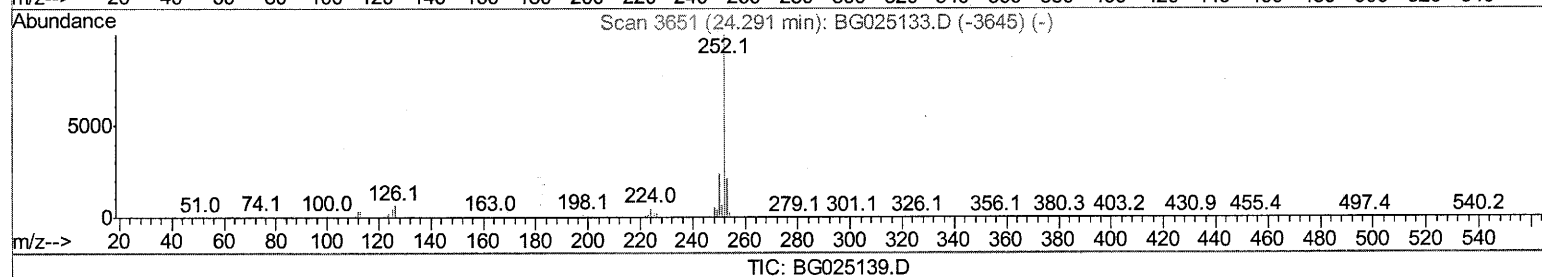
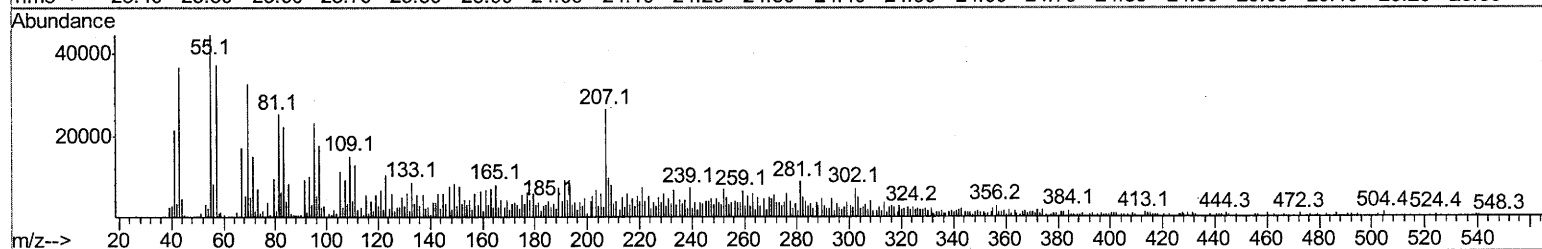
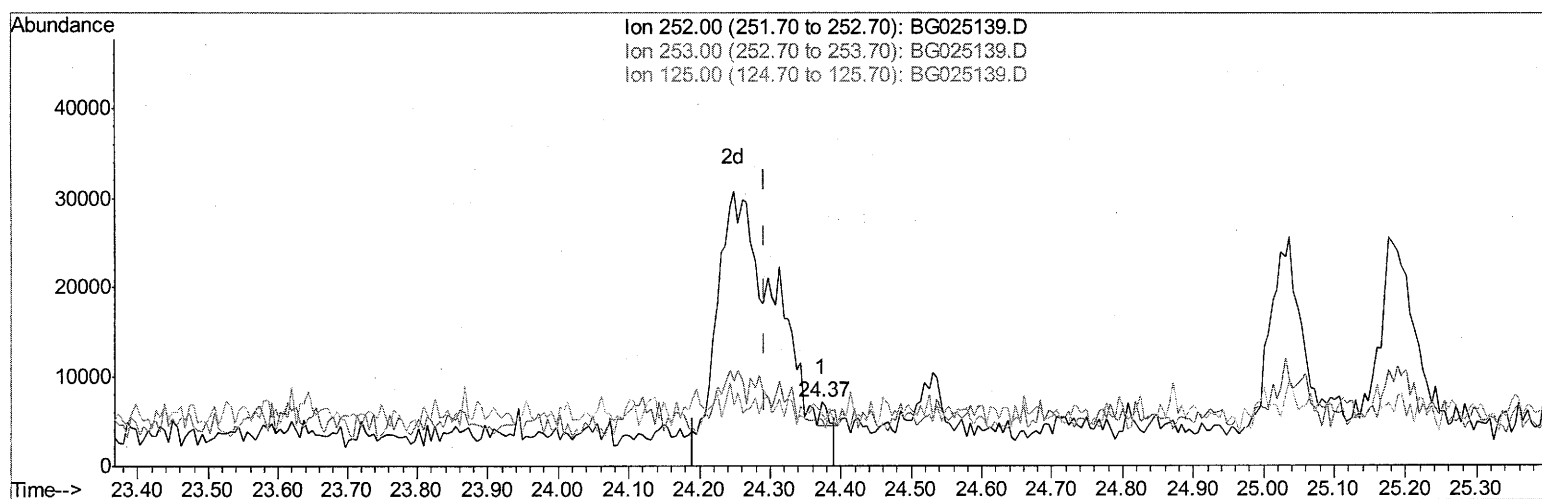
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.372min (+0.081) 0.05ng/ul

response 1908

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	72.55#
125.00	5.10	82.65#
0.00	0.00	0.00

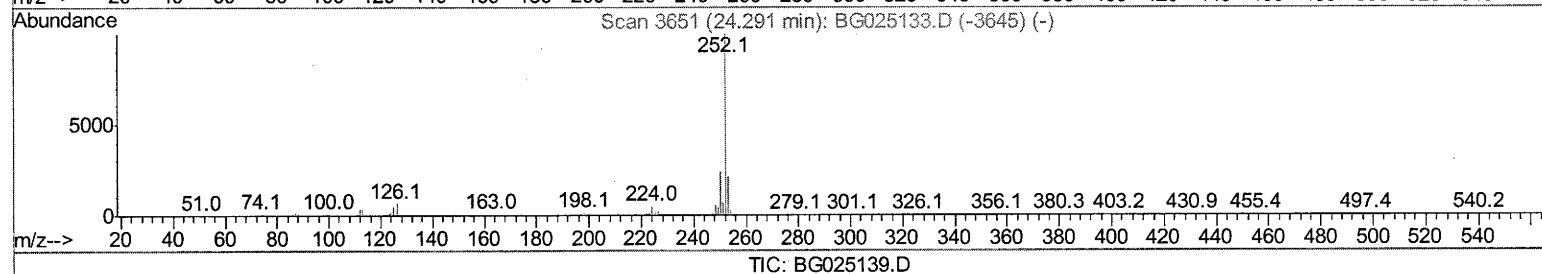
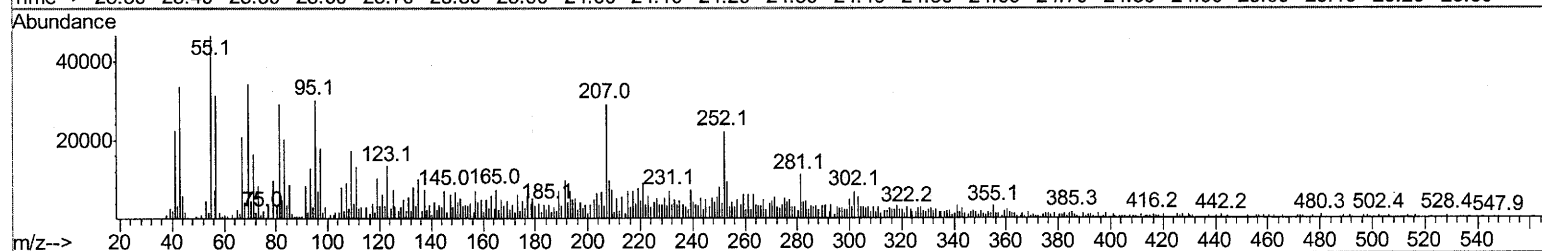
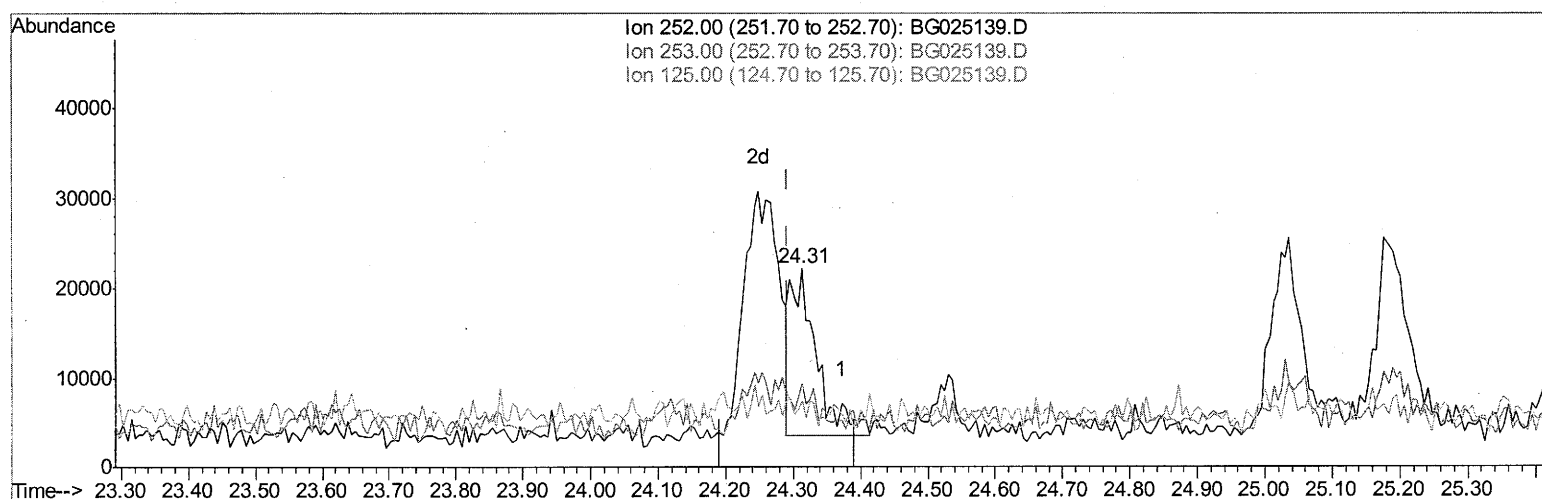
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Manual Integrations
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QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.313min (+0.022) 1.30ng/ul m

response 50006

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	42.29#
125.00	5.10	33.64#
0.00	0.00	0.00

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12/13/16

Data Path : Z:\HPCHEM1\BNA G\Data\BG121216\
 Data File : BG025139.D
 Acq On : 13 Dec 2016 7:15
 Operator : UM/SJ
 Sample : H5993-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 P036-SS025-0612-03

Manual Integrations
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Quant Time: Dec 13 10:15:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 06:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	143576	20.00	ng/ul	0.01
18) Naphthalene-d8	11.08	136	601615	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	420948	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.62	188	790912	20.00	ng/ul	0.01
75) Chrysene-d12	21.91	240	914794	20.00	ng/ul	0.01
83) Perylene-d12	25.35	264	815090	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	9200	3.31	ng/uL	0.00
5) Phenol-d5	7.40	99	283259	22.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	180604	23.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	205736	23.75	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	224145	21.65	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	106594	25.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	124391	23.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	237577	23.26	ng/ul	0.01
29) 4-Chloroaniline-d4	11.22	131	83779	8.35	ng/ul	0.02
43) Dimethylphthalate-d6	14.26	166	715107	24.70	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	851240	26.84	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	99418	19.98	ng/ul	0.02
57) Fluorene-d10	15.86	176	648746	23.80	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	96423	19.72	ng/ul	0.02
70) Anthracene-d10	17.72	188	898080	26.90	ng/ul	0.02
76) Pyrene-d10	19.98	212	994904	26.40	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.12	264	957199	28.98	ng/ul	0.04

Target Compounds

					Ovalue	
6) Phenol	7.43	94	37227	2.93	ng/ul#	88
44) Dimethylphthalate	14.31	163	271791	9.55	ng/ul	100
69) Phenanthrene	17.66	178	128754	3.41	ng/ul	97
74) Fluoranthene	19.65	202	167090	3.73	ng/ul	98
77) Pyrene	20.02	202	147485	3.35	ng/ul#	97
80) Benzo(a)anthracene	21.89	228	94722	1.99	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.74	149	24945	1.05	ng/ul#	82
82) Chrysene	21.96	228	95889	2.16	ng/ul#	88
85) Benzo(b)fluoranthene	24.25	252	99511	2.46	ng/ul#	76
86) Benzo(k)fluoranthene	24.31	252	50006m	1.30	ng/ul	
88) Benzo(a)pyrene	25.18	252	68901	1.77	ng/ul#	55

UM 12/13/16

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