

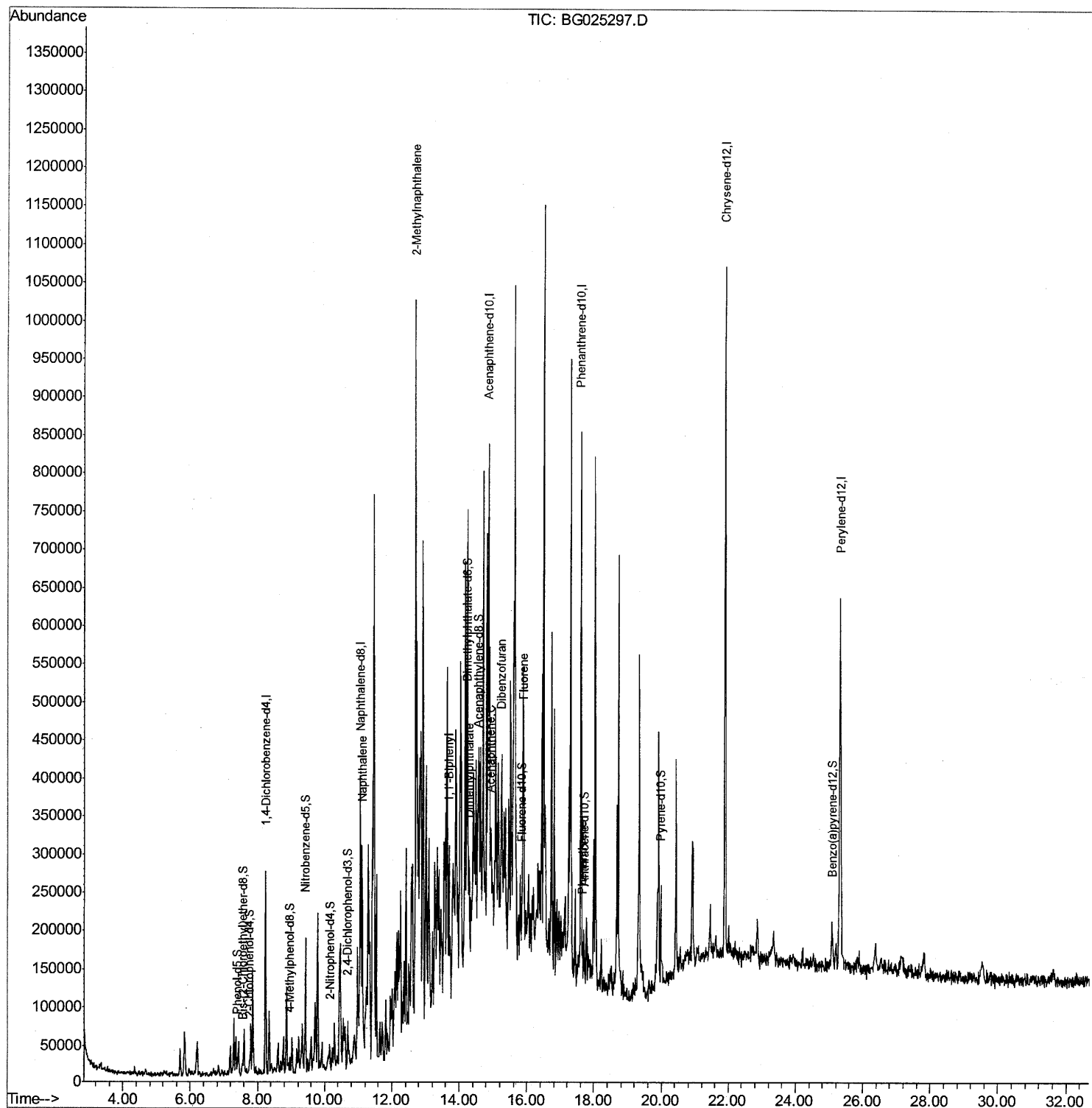
Data Path : Z:\HPCHEM1\BNA G\Data\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA849DL

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:27 AM

Quant Time: Dec 19 04:22:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration



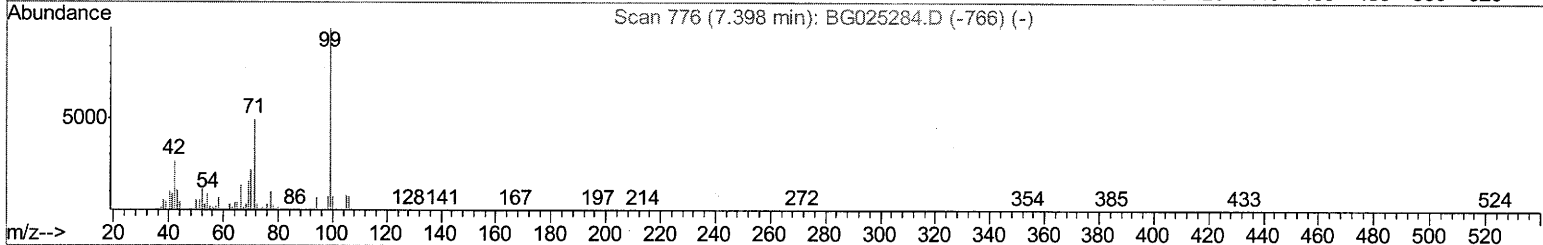
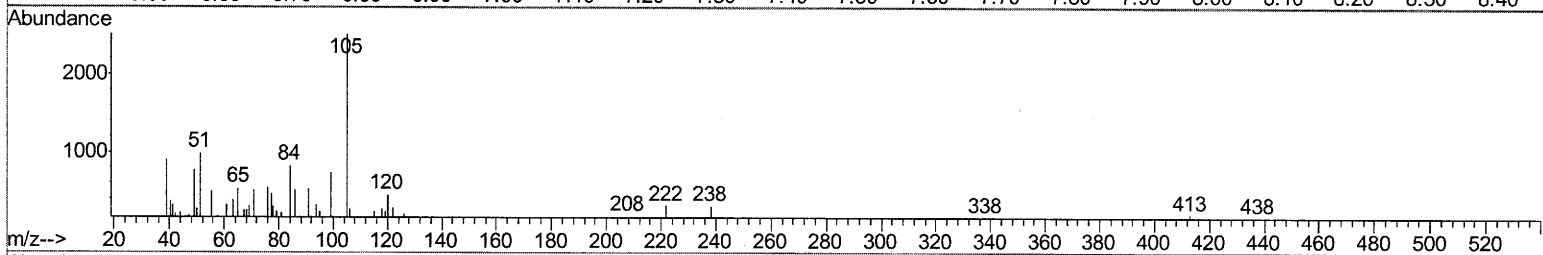
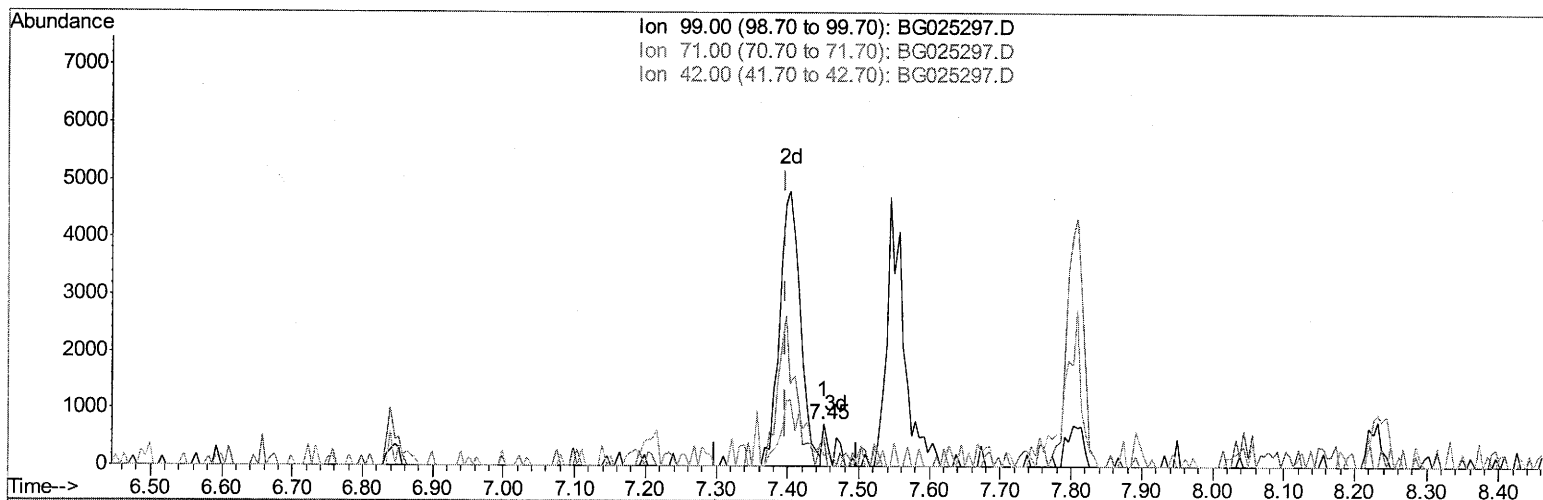
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TIC: BG025297.D

(5) Phenol-d5 (S)

7.450min (+0.053) 0.07ng/ul

response 389

Ion	Exp%	Act%
99.00	100	100
71.00	47.80	56.24
42.00	22.20	22.43
0.00	0.00	0.00

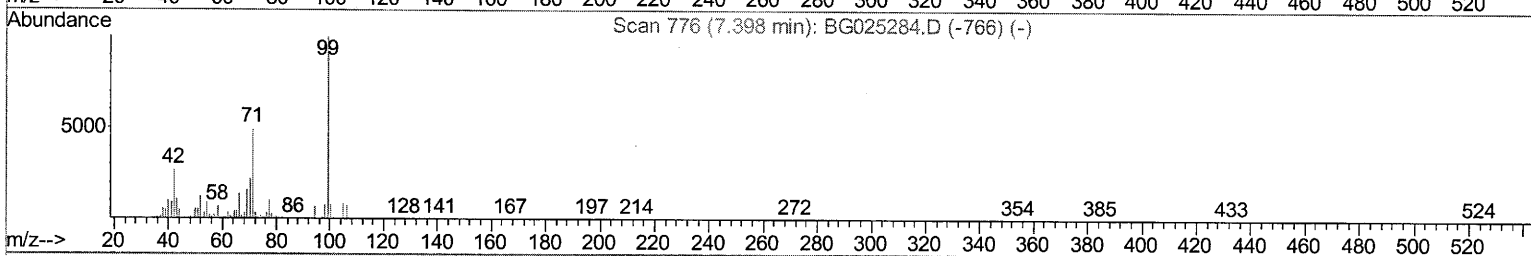
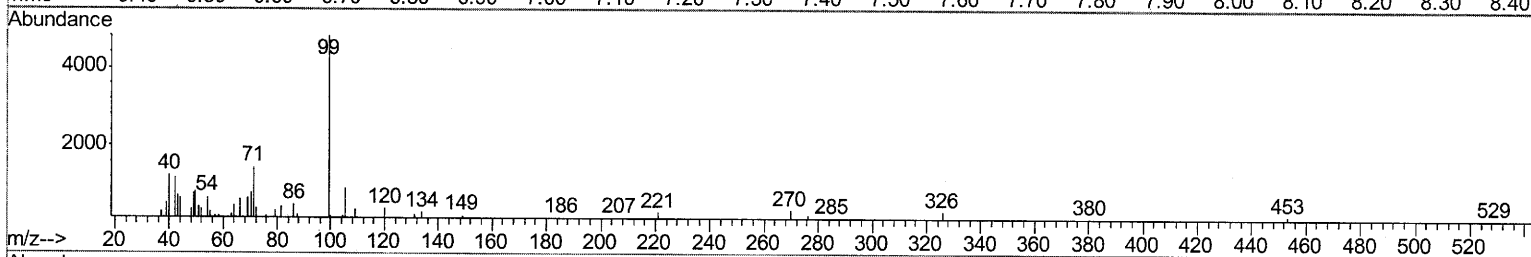
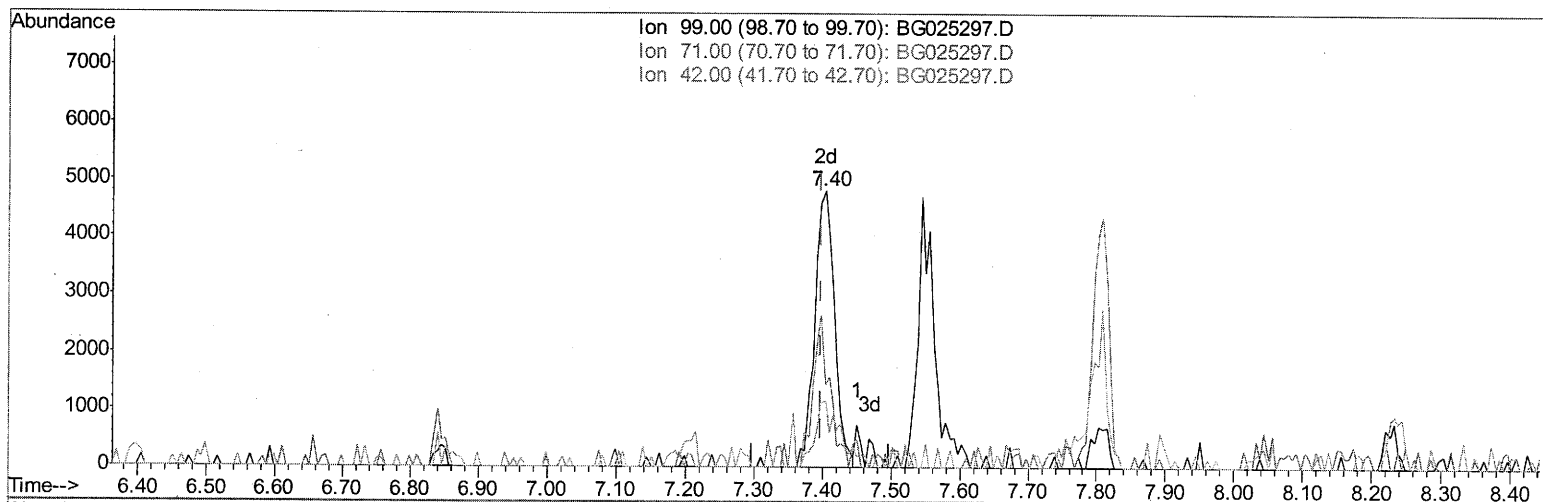
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Manual Integrations
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Response via : Initial Calibration



TIC: BG025297.D

(5) Phenol-d5 (S)

7.403min (+0.006) 1.65ng/ul m

response 9757

um
12/19/16

Ion	Exp%	Act%
99.00	100	100
71.00	47.80	30.02#
42.00	22.20	24.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG121716\
 Data File : BG025297.D
 Acq On : 18 Dec 2016 6:00
 Operator : UM/SJ
 Sample : H5970-10DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA849DL

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:55:27 AM

Quant Time: Dec 19 04:22:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68600	20.00	nq/ul	0.00
18) Naphthalene-d8	11.06	136	282432	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.86	164	212063	20.00	nq/ul	0.00
61) Phenanthrene-d10	17.60	188	467900	20.00	nq/ul	0.00
75) Chrysene-d12	21.89	240	617821	20.00	nq/ul	0.00
83) Perylene-d12	25.32	264	619901	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	393	0.30	nq/uL	0.00
5) Phenol-d5	7.40	99	9757m	1.65	nq/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	6589	1.80	nq/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	7849	1.90	nq/ul	-0.01
13) 4-Methylphenol-d8	8.96	113	9667	1.95	nq/ul	0.01
19) Nitrobenzene-d5	9.41	128	5262	2.63	nq/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	4226	1.69	nq/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	9378	1.96	nq/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	nq/ul	
43) Dimethylphthalate-d6	14.25	166	32403	2.22	nq/ul	0.00
46) Acenaphthylene-d8	14.55	160	36574	2.29	nq/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	nq/ul	
57) Fluorene-d10	15.85	176	31988	2.33	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	1526	0.53	nq/ul	0.01
70) Anthracene-d10	17.70	188	43452	2.20	nq/ul	0.00
76) Pyrene-d10	19.97	212	57956	2.28	nq/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	57125	2.27	ng/ul	-0.01

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 12/19/16

Target Compounds

					Ovalue
28) Naphthalene	11.11	128	211917	16.14	nq/ul 98
34) 2-Methylnaphthalene	12.70	142	429986	41.50	nq/ul 93
40) 1,1'-Biphenyl	13.69	154	102738	7.99	nq/ul 99
44) Dimethylphthalate	14.30	163	18266	1.27	nq/ul# 90
49) Acenaphthene	14.92	153	28018	2.63	nq/ul# 81
53) Dibenzofuran	15.25	168	66952	3.98	nq/ul 93
58) Fluorene	15.90	166	70531	5.15	nq/ul# 98
69) Phenanthrene	17.64	178	40629	1.82	nq/ul 95

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