

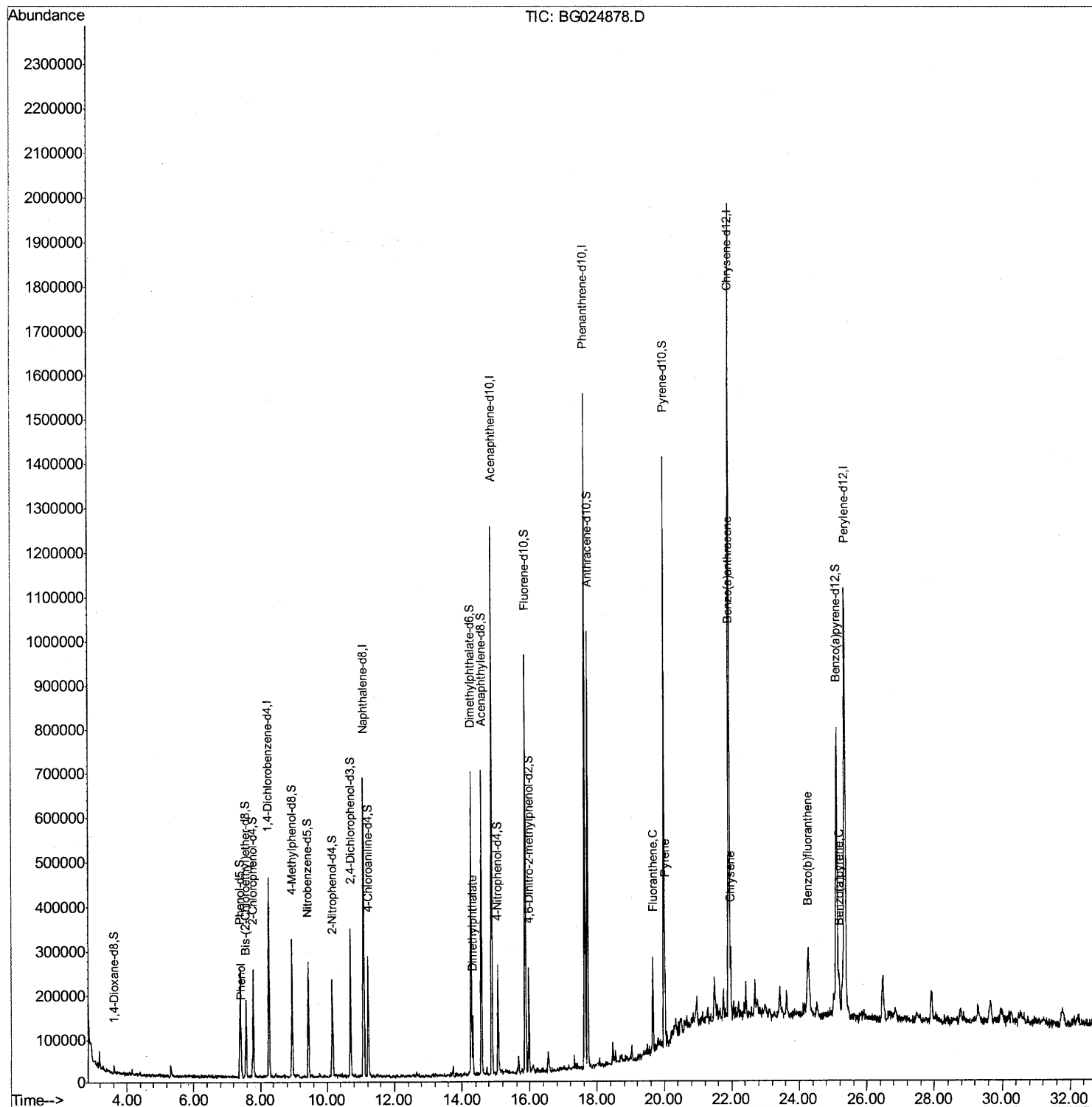
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
Data File : BG024878.D
Acq On : 22 Nov 2016 3:36
Operator : UM/SJ
Sample : H5694-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
JHSS7

Manual Integrations
APPROVED

sohil
11/22/2016 4:08:25 PM

Quant Time: Nov 22 06:40:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:29:33 2016
Response via : Initial Calibration



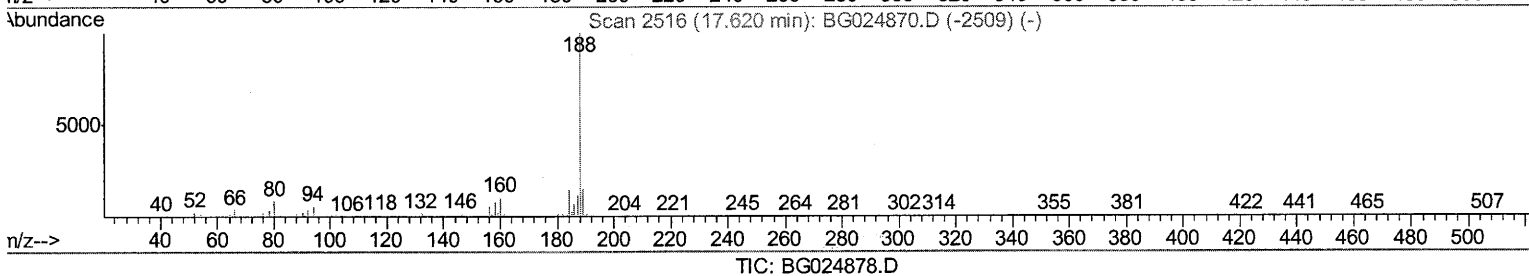
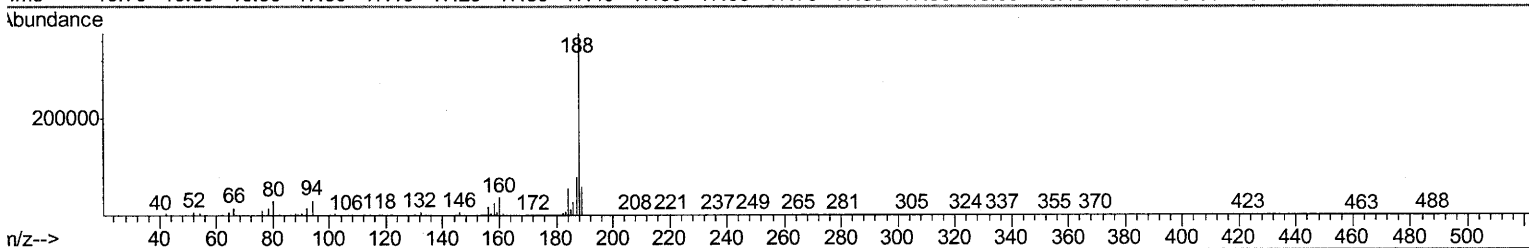
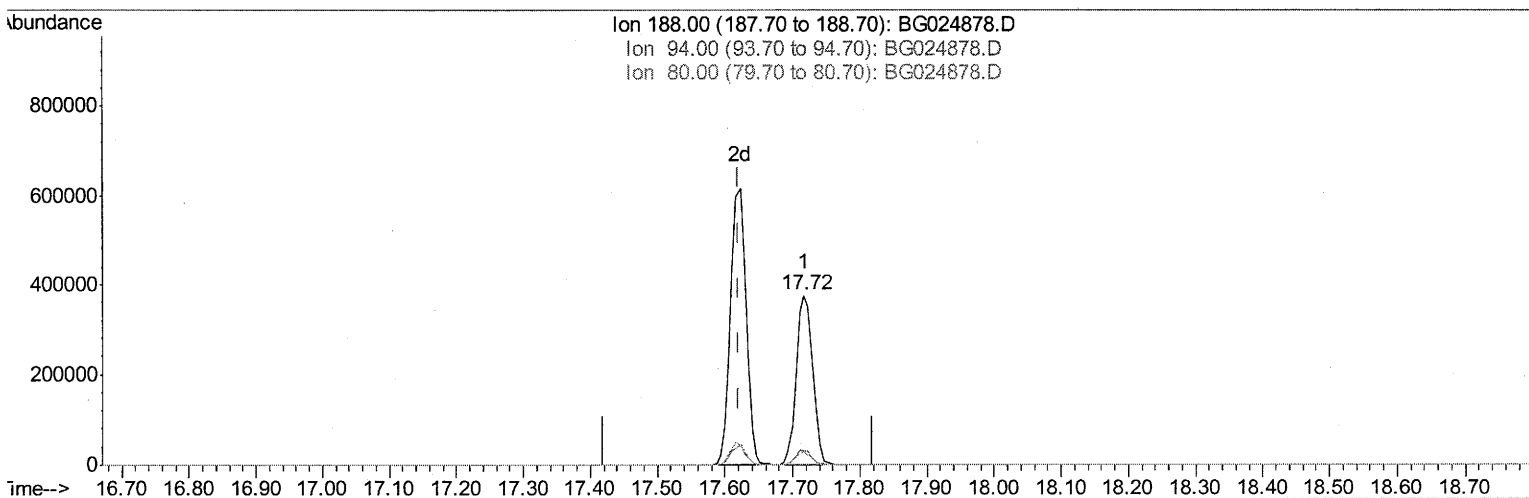
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Quant Time: Nov 22 06:25:54 2016
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(61) Phenanthrene-d10 (I)

17.717min (+0.097) 20.00ng/ul

response 637972

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.53
80.00	9.50	8.06
0.00	0.00	0.00

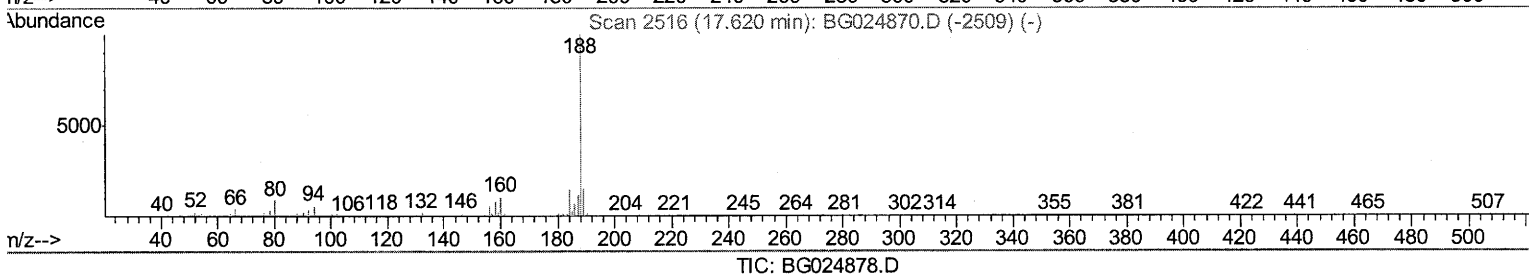
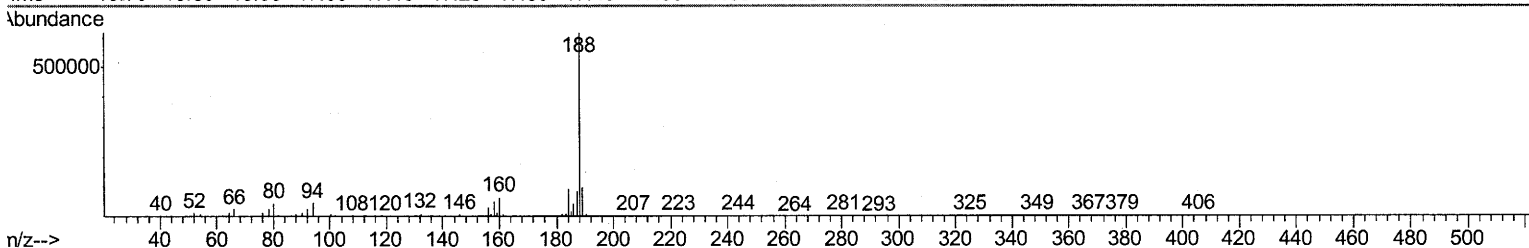
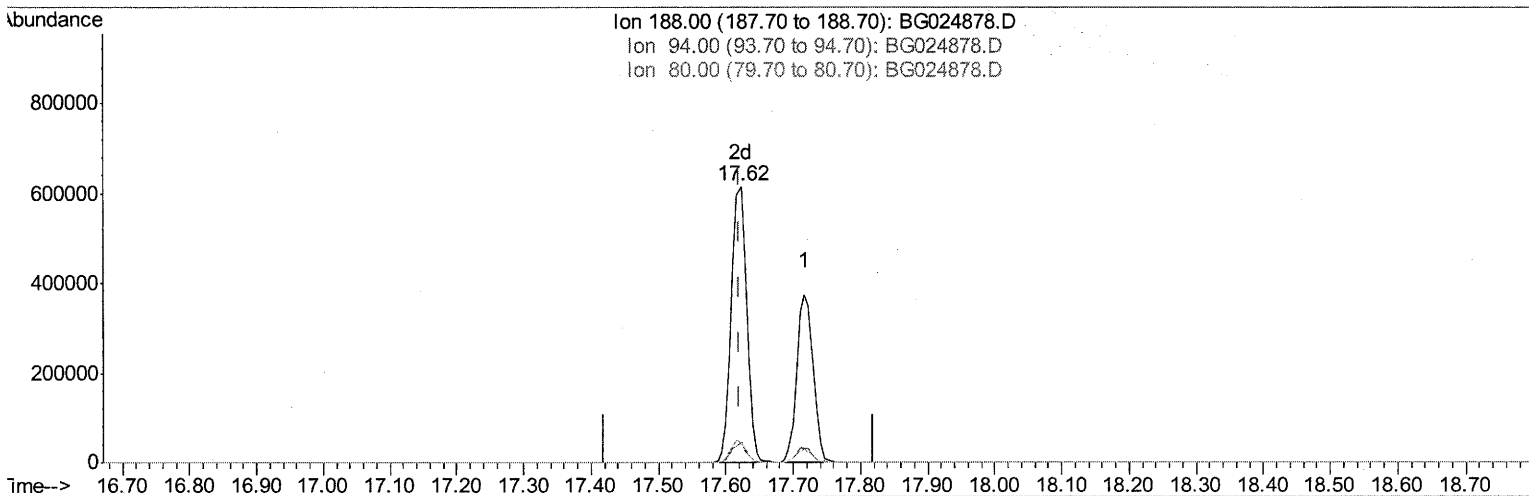
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(61) Phenanthrene-d10 (I)

17.623min (+0.003) 20.00ng/ul m UM

response 978385

1112216

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.36
80.00	9.50	6.91#
0.00	0.00	0.00

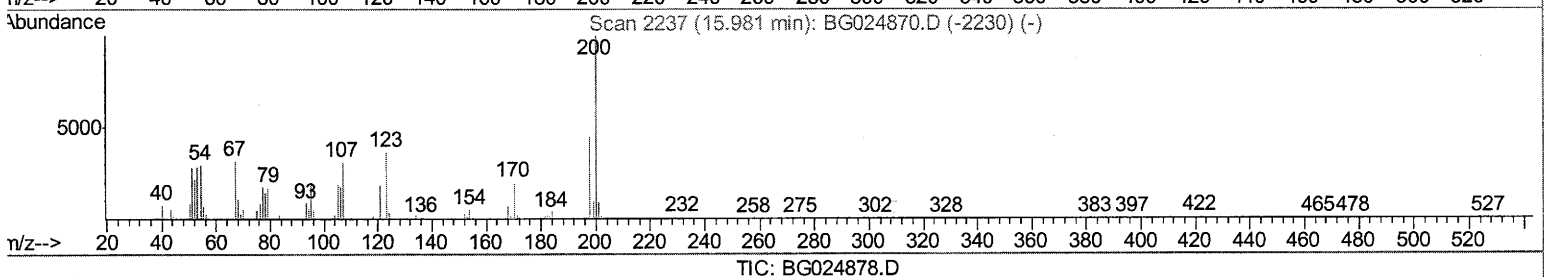
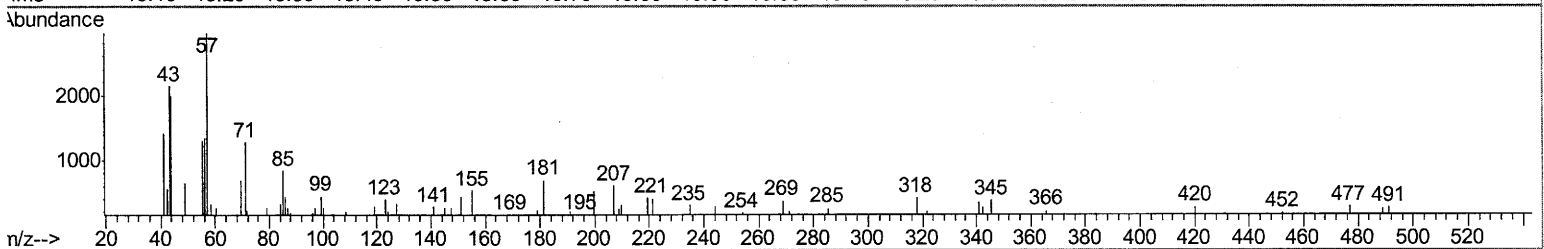
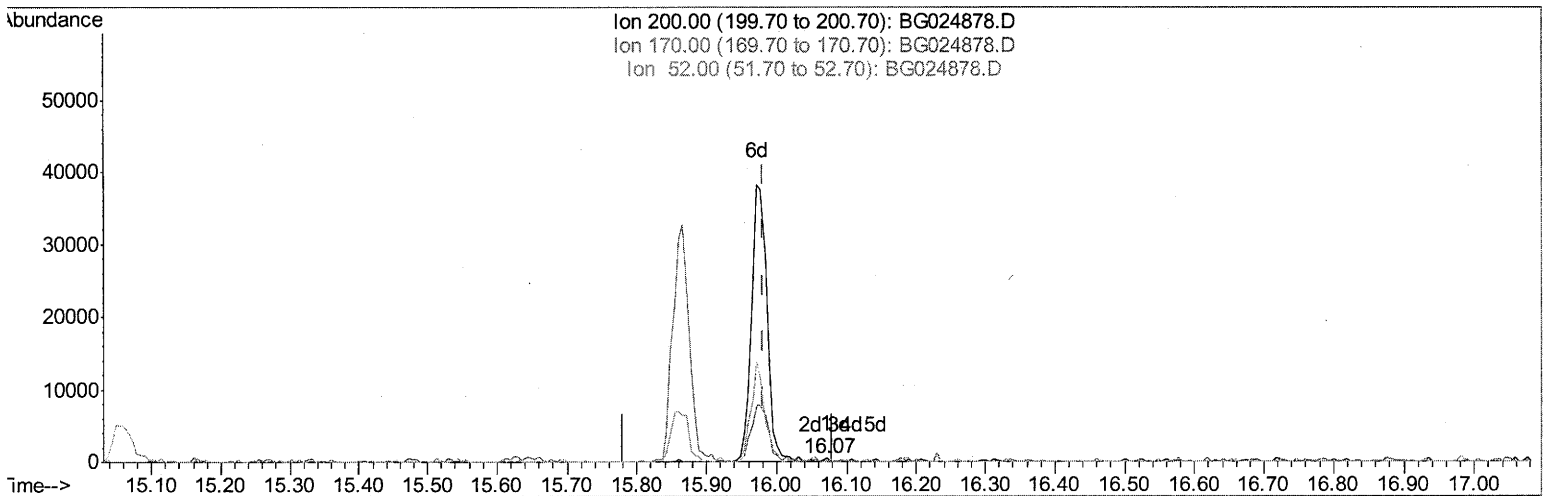
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Sample : H5694-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSS7

Manual Integrations
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Quant Time: Nov 22 06:36:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.072min (+0.091) 0.04ng/ul

response 240

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	31.99#
52.00	47.20	0.00#
0.00	0.00	0.00

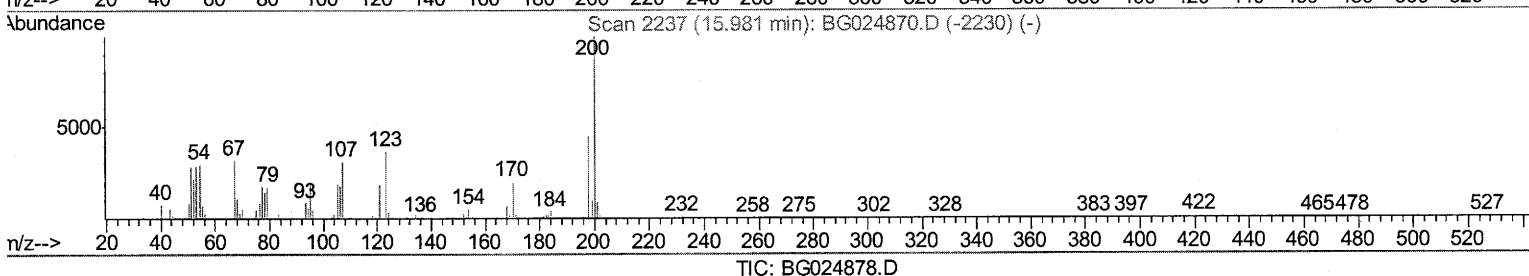
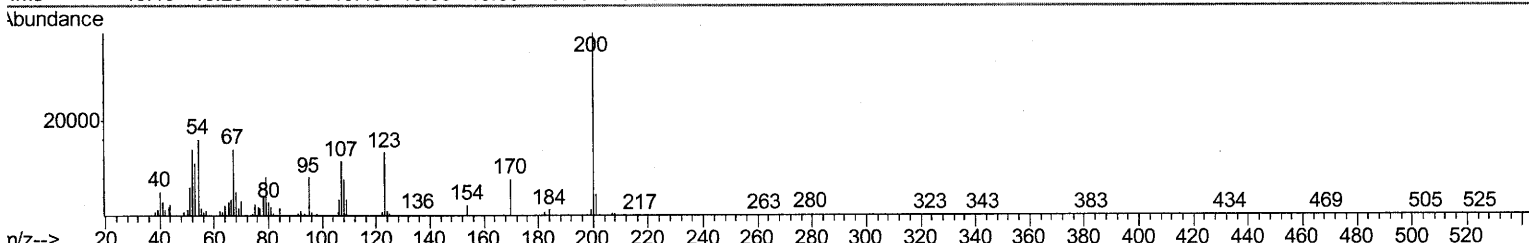
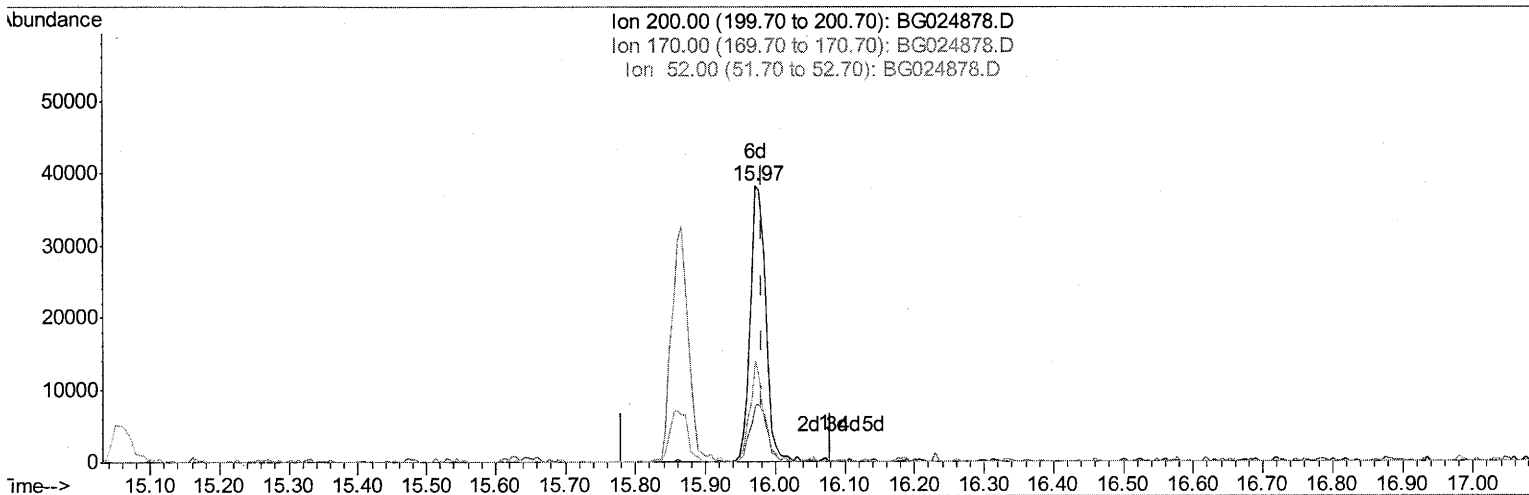
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
JHSS7

Manual Integrations
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.972min (-0.009) 8.70ng/ul m

UM

response 58512

11/22/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.32
52.00	47.20	36.51#
0.00	0.00	0.00

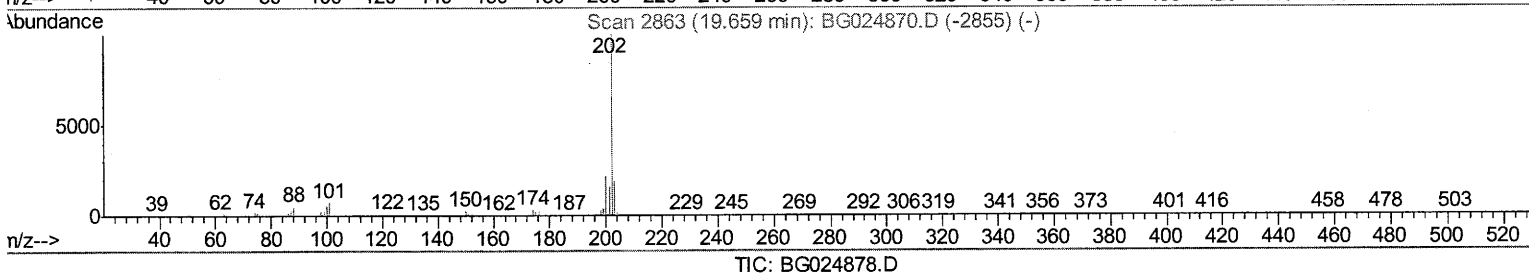
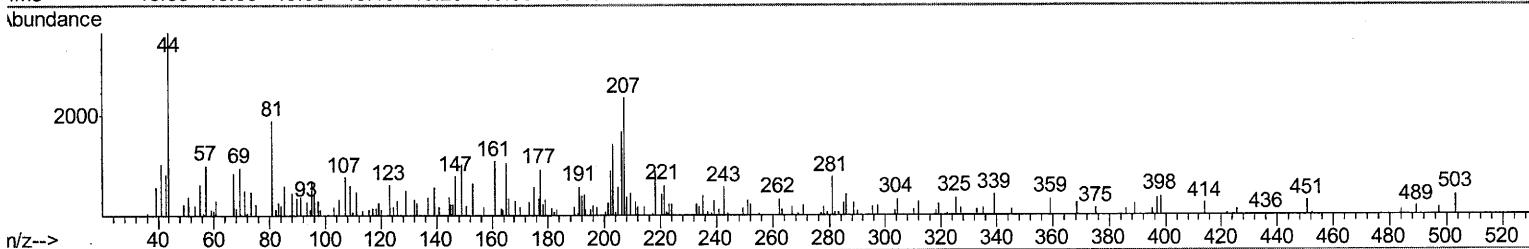
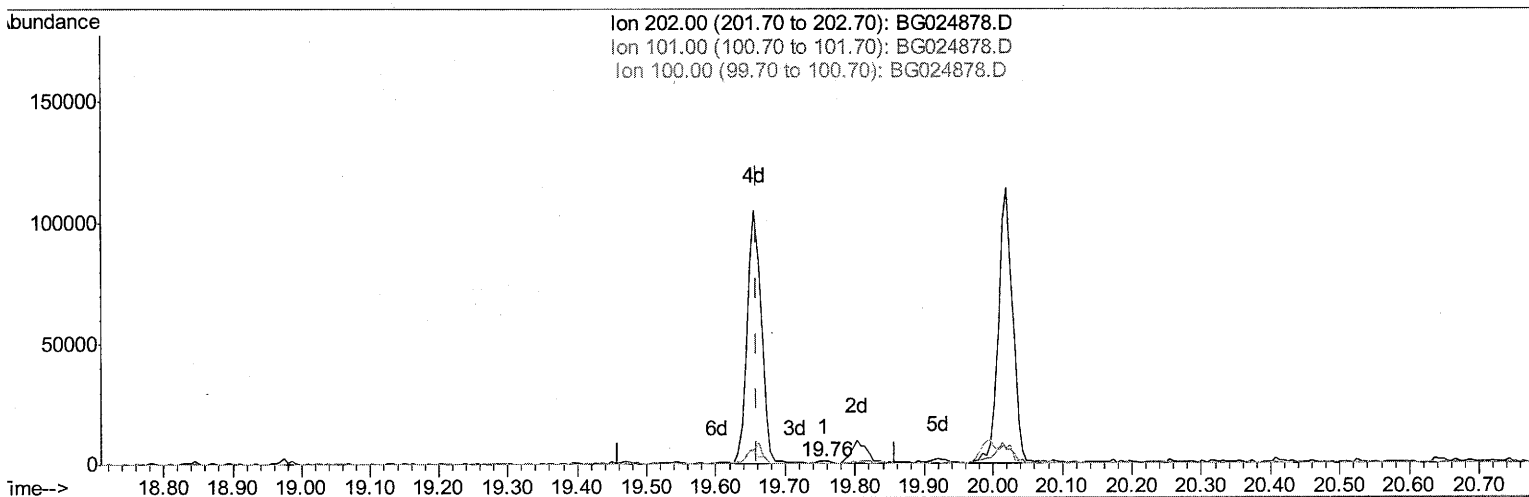
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampled :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



(74) Fluoranthene (C)

19.755min (+0.097) 0.02ng/ul

response 1072

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	17.09#
100.00	6.50	0.00#
0.00	0.00	0.00

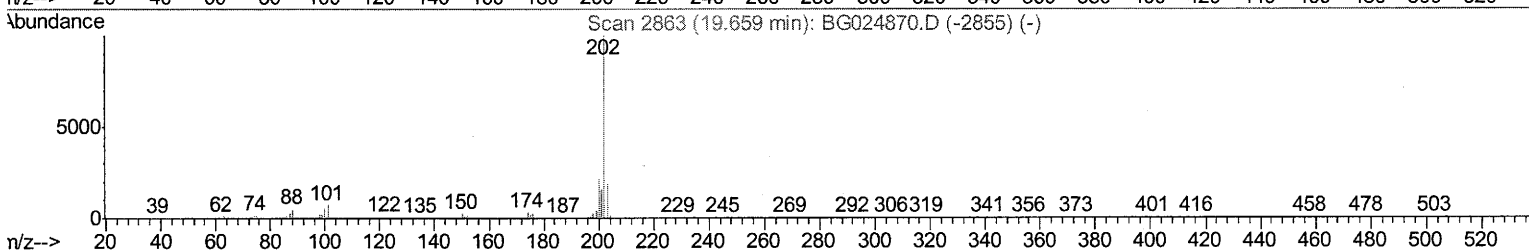
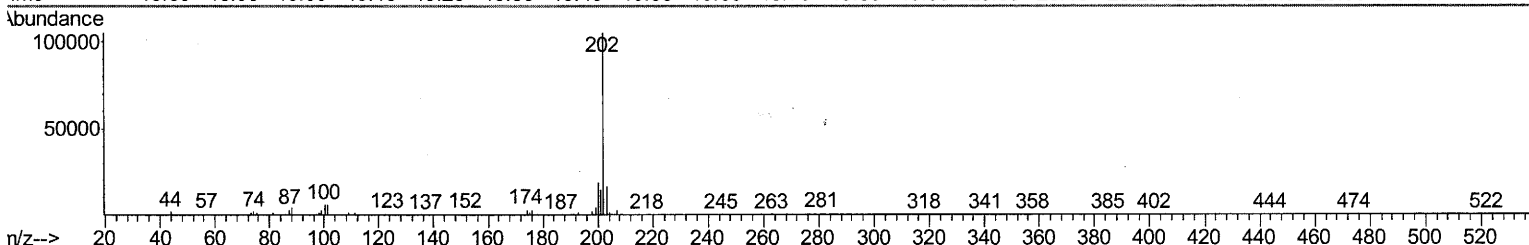
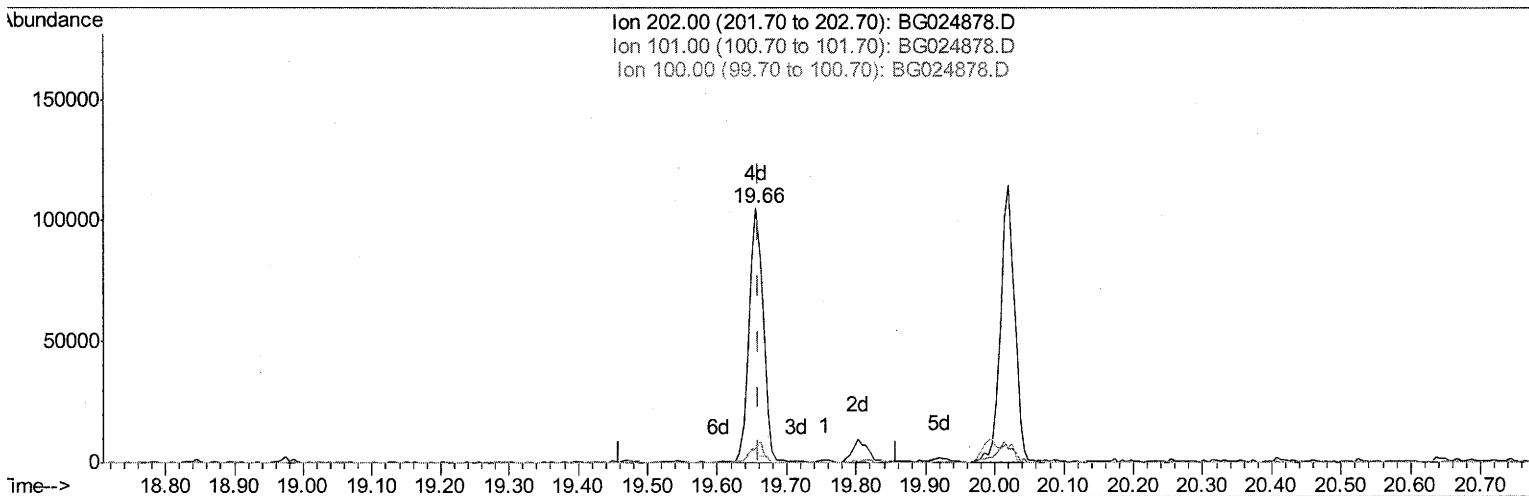
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Operator : UM/SJ
Sample : H5694-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
JHSS7

Manual Integrations
APPROVED

sohil
11/22/2016 4:08:25 PM

Quant Time: Nov 22 06:36:19 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:29:33 2016
Response via : Initial Calibration



TIC: BG024878.D

(74) Fluoranthene (C)

19.656min (-0.003) 2.65ng/ul m UM
response 149883 11/22/16

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	5.57#
100.00	6.50	5.66
0.00	0.00	0.00

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	125075	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	545944	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	471306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	978385m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1201417	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1264965	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	5359	2.22	ng/uL	0.00
5) Phenol-d5	7.40	99	137433	12.83	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.57	67	95324	14.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	105293	13.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	120728	13.42	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	57455	13.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	66902	13.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	126176	12.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	135900	12.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	462809	13.47	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	521048	13.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	64054	10.47	ng/ul	0.00
57) Fluorene-d10	15.87	176	419757	12.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	58512m	8.70	ng/ul	0.00
70) Anthracene-d10	17.72	188	641735	14.85	ng/ul	0.00
76) Pyrene-d10	19.99	212	771372	14.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	802089	14.48	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.42	94	17873	1.60	ng/ul	95
44) Dimethylphthalate	14.31	163	87999	2.67	ng/ul#	91
74) Fluoranthene	19.66	202	149883m	2.65	ng/ul	91
77) Pyrene	20.02	202	166408	2.82	ng/ul#	91
80) Benzo(a)anthracene	21.89	228	106827	1.63	ng/ul	96
82) Chrysene	21.96	228	105463	1.72	ng/ul	100
85) Benzo(b)fluoranthene	24.26	252	116181	1.74	ng/ul#	95
88) Benzo(a)pyrene	25.18	252	102023	1.58	ng/ul#	79

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