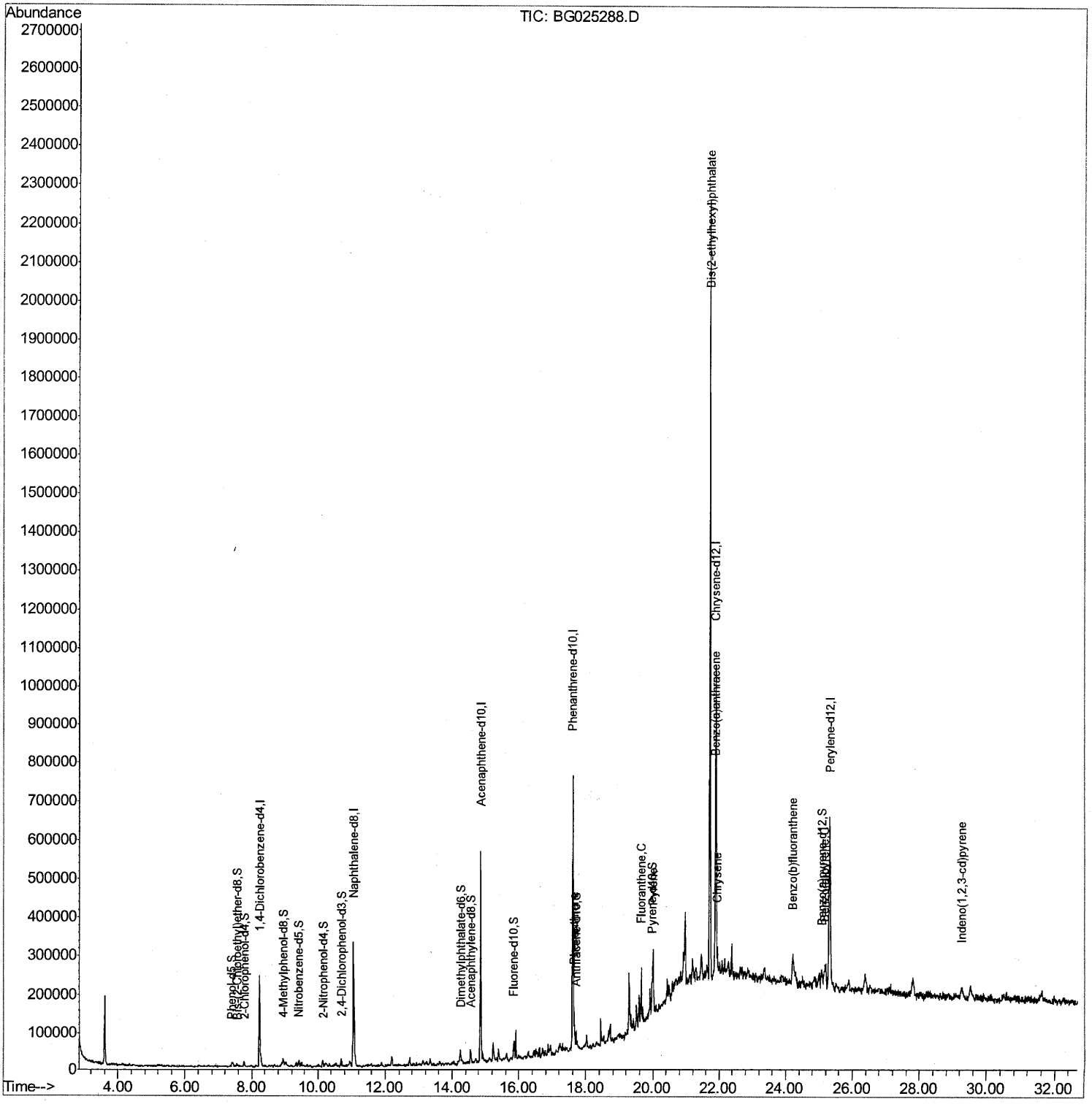
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025288.D
Acq On : 18 Dec 2016 00:05
Operator : UM/SJ
Sample : H5995-02DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 18 04:51:56 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

Instrument :
BNA_G
ClientSampleId :
DA863DL

Manual Integrations APPROVED
umangi
12/20/2016 10:54:44 AM



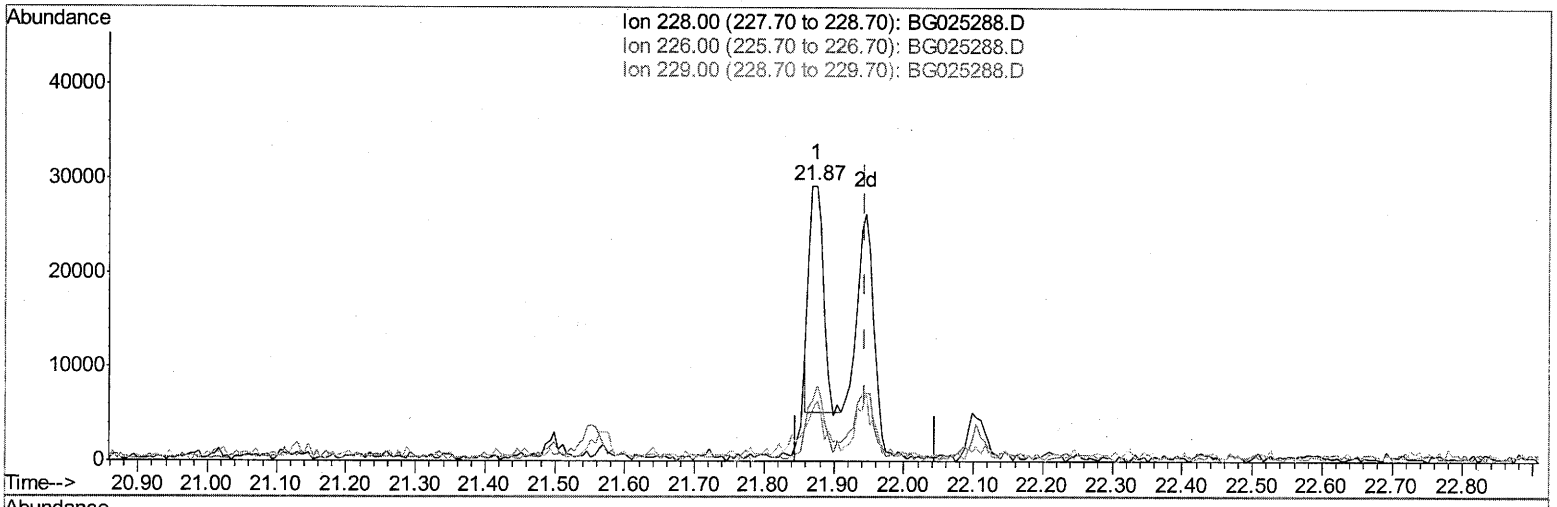
Quantitation Report (Qedit)

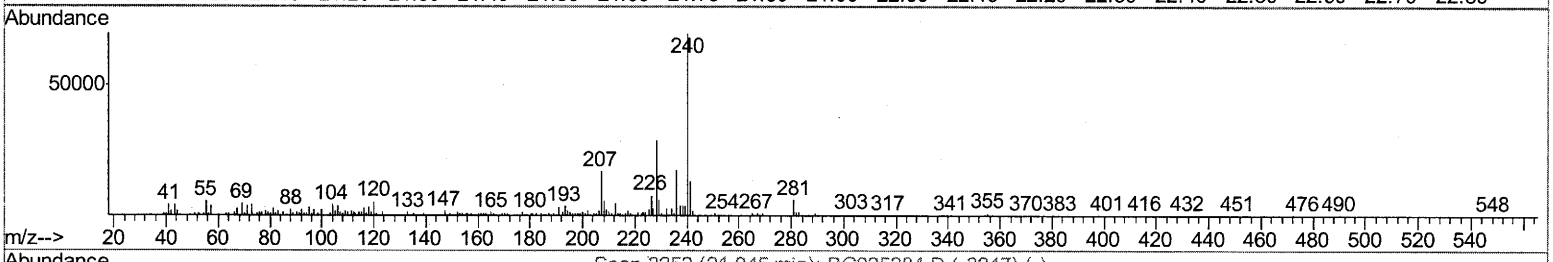
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025288.D
Acq On : 18 Dec 2016 00:05
Operator : UM/SJ
Sample : H5995-02DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

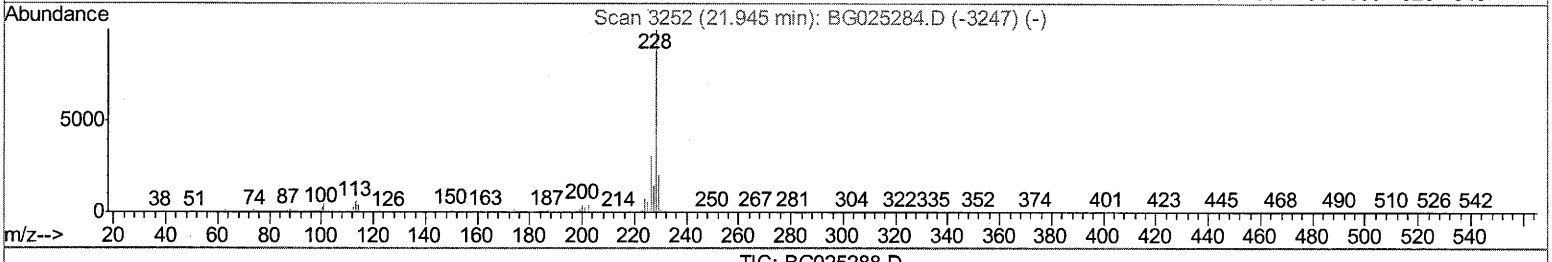
Quant Time: Dec 18 04:02:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA863DL

Manual Integrations APPROVED
umangi
12/20/2016 10:54:44 AM







TIC: BG025288.D

(82) Chrysene

21.875min (-0.071) 1.26ng/ul

response 34477

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	27.26
229.00	21.10	21.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025288.D
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Operator : UM/SJ
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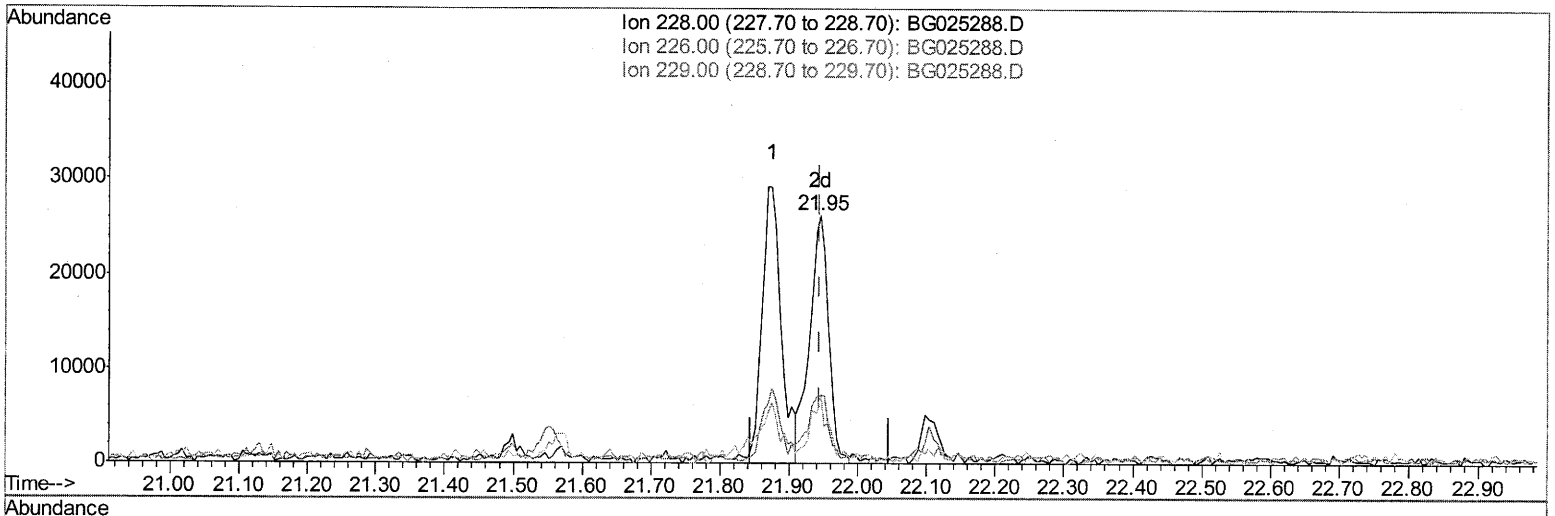
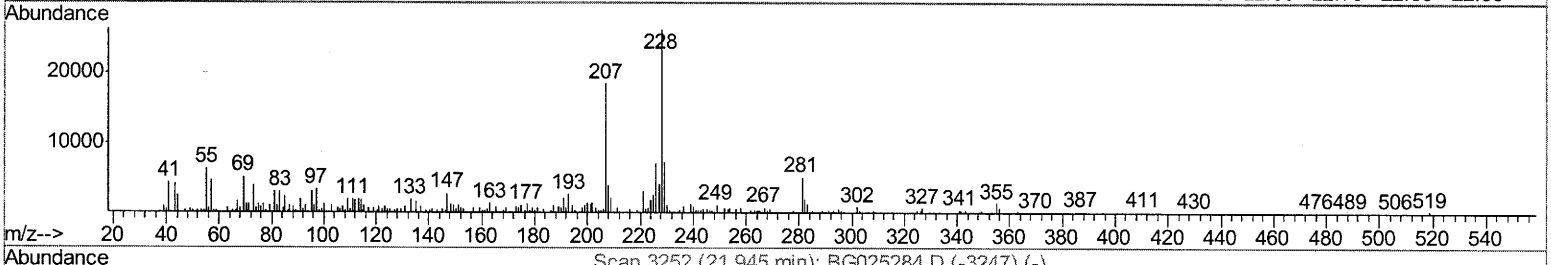
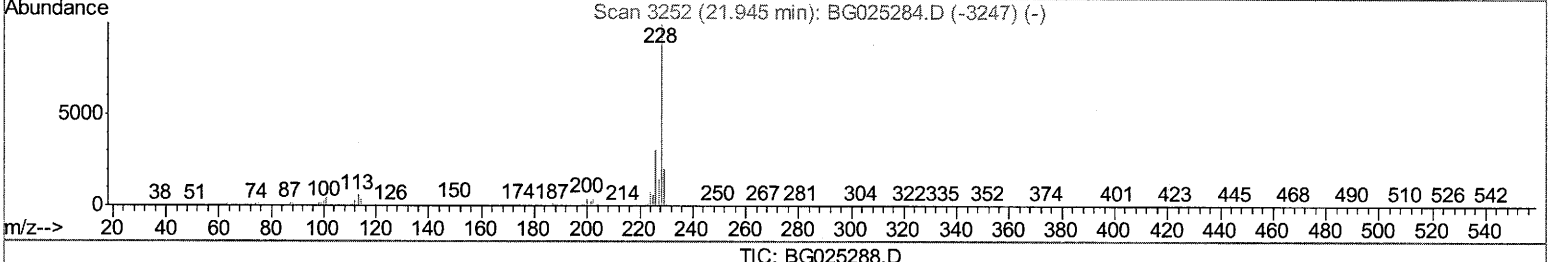
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA863DL

Manual Integrations APPROVED
umangi
12/20/2016 10:54:44 AM







TIC: BG025288.D

(82) Chrysene

21.945min (-0.000) 1.83ng/ul m

response 50199

UM
12/19/16

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	27.32
229.00	21.10	27.71#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025288.D
Acq On : 18 Dec 2016 00:05
Operator : UM/SJ
Sample : H5995-02DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA863DL

Manual Integrations APPROVED
umangi
12/20/2016 10:54:44 AM

Quant Time: Dec 18 04:51:56 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	64129	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	263088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	198005	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	442876	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	563894	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	572241	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	303	0.24	ng/uL	0.00
5) Phenol-d5	7.41	99	7310	1.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	4769	1.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	5962	1.54	ng/ul	0.01
13) 4-Methylphenol-d8	8.96	113	6165	1.33	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	2866	1.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3603	1.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	6579	1.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	771	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	23067	1.69	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	25823	1.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	104	0.04	ng/ul	-0.02
57) Fluorene-d10	15.85	176	24124	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	2143	0.78	ng/ul	0.00
70) Anthracene-d10	17.70	188	32371	1.73	ng/ul	0.00
76) Pyrene-d10	19.98	212	43455	1.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	38794	1.67	ng/ul	-0.02
Target Compounds						Qvalue
69) Phenanthrene	17.64	178	75101	3.55	ng/ul#	91
74) Fluoranthene	19.64	202	100781	4.01	ng/ul	97
77) Pyrene	20.00	202	85841	3.17	ng/ul	99
80) Benzo(a)anthracene	21.87	228	55430	1.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	778649	53.30	ng/ul	99
82) Chrysene	21.95	228	50199m	1.83	ng/ul	
85) Benzo(b)fluoranthene	24.22	252	71915	2.53	ng/ul#	88
88) Benzo(a)pyrene	25.15	252	48687	1.78	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	29.27	276	34206	1.01	ng/ul#	88

12/19/16

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