

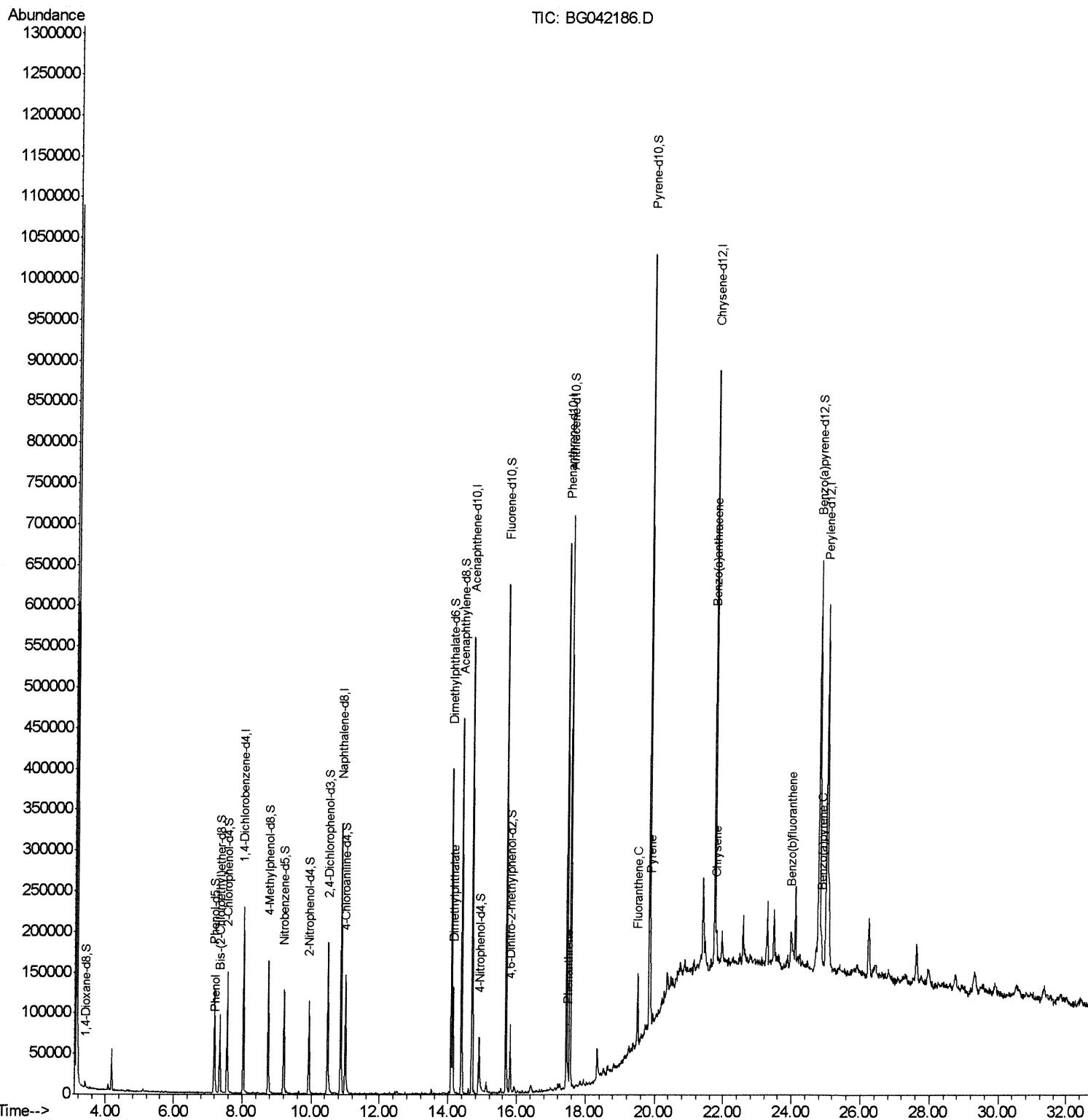
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042186.D
Acq On : 13 Aug 2019 18:28
Operator : HP/JU
Sample : K4215-12
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
ETOC3

Manual Integrations
APPROVED

mohammad
8/20/2019 8:35:57 AM

Quant Time: Aug 14 05:45:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:56:59 2019
Response via : Initial Calibration



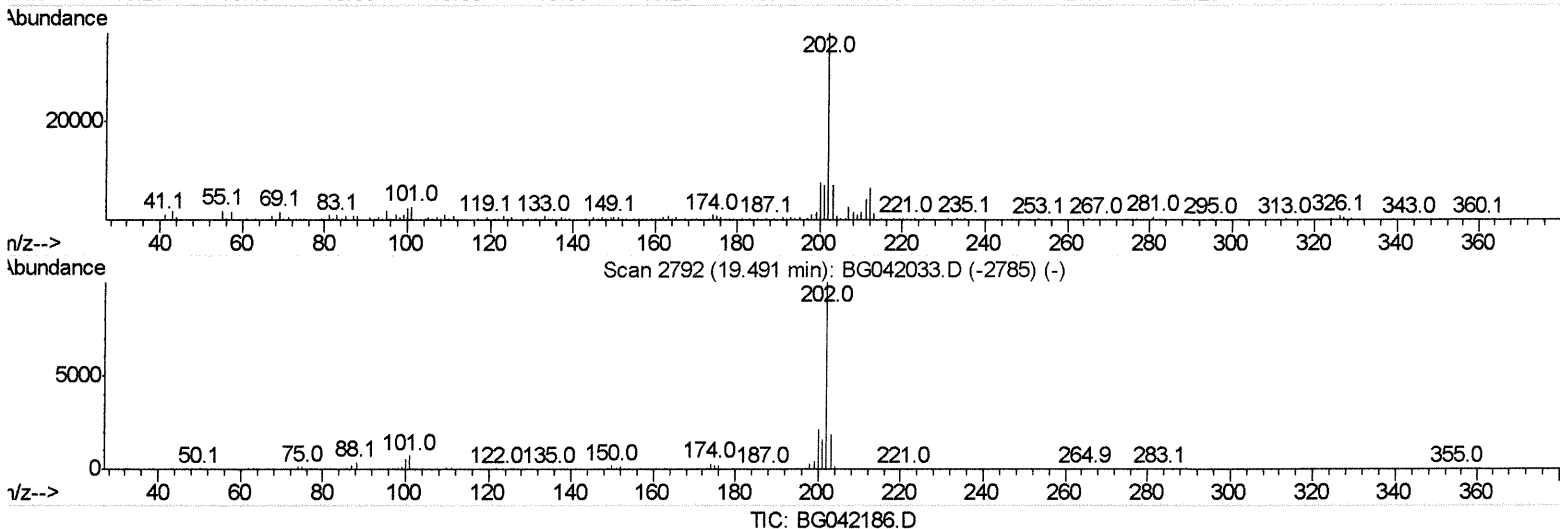
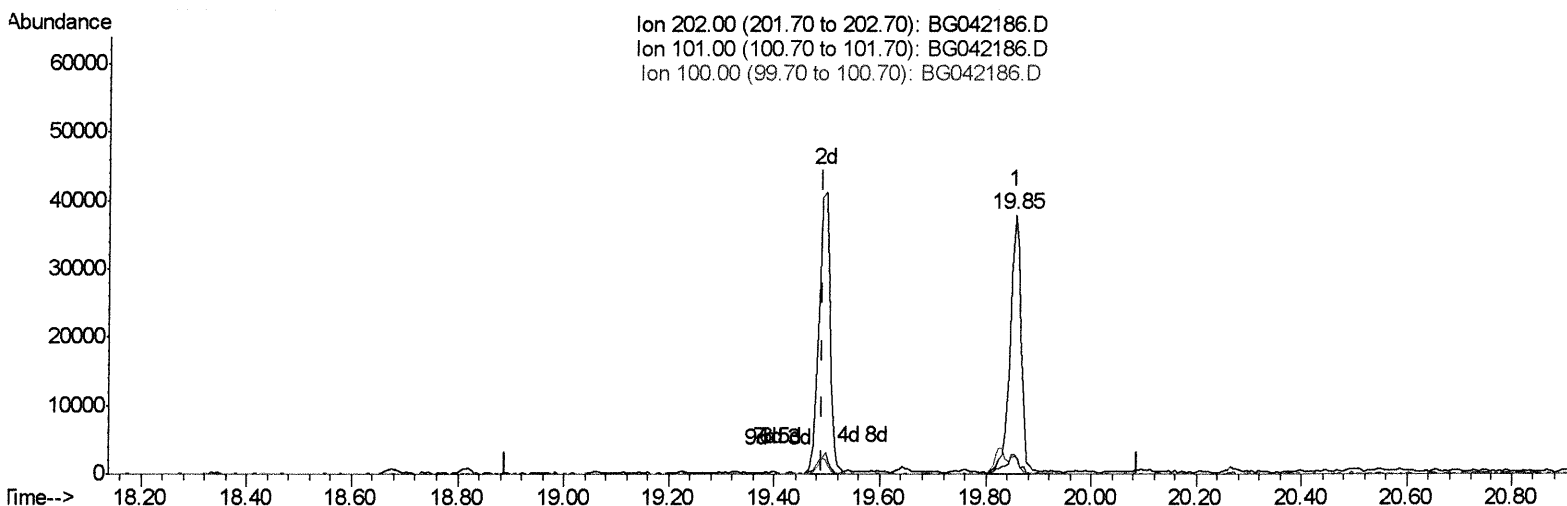
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042186.D
 Acq On : 13 Aug 2019 18:28
 Operator : HP/JU
 Sample : K4215-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC3

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:57 AM

Quant Time: Aug 14 05:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.853min (+0.364) 1.97ng/ul

response 55806

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.53
100.00	6.60	6.84
0.00	0.00	0.00

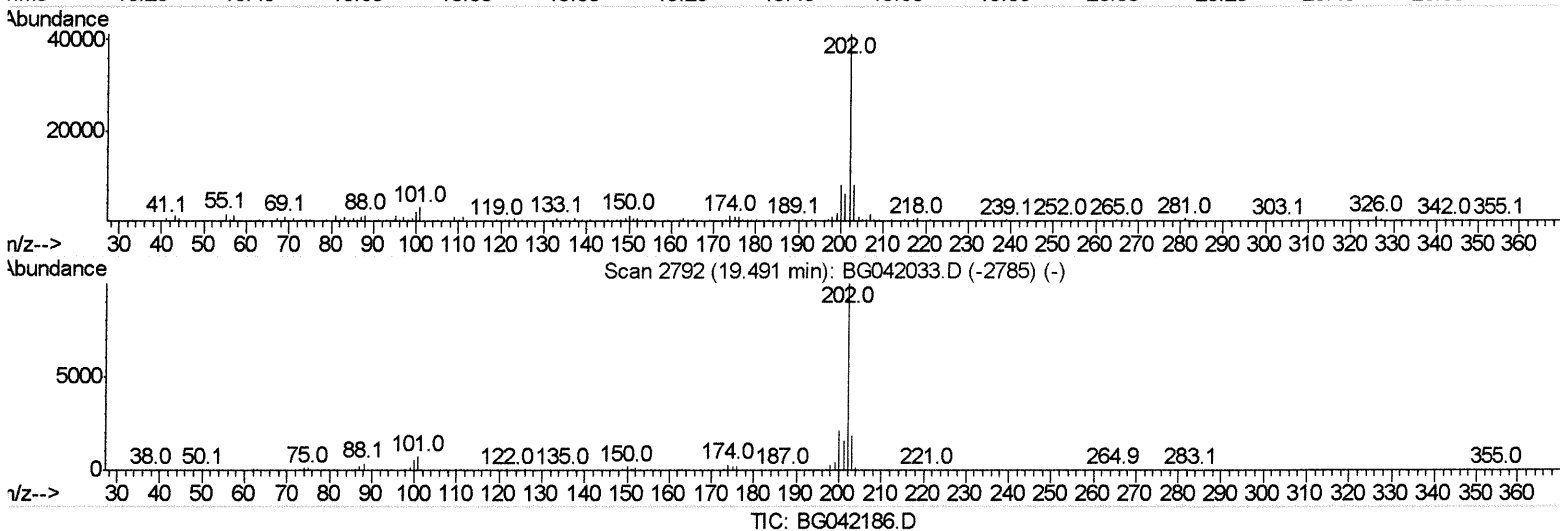
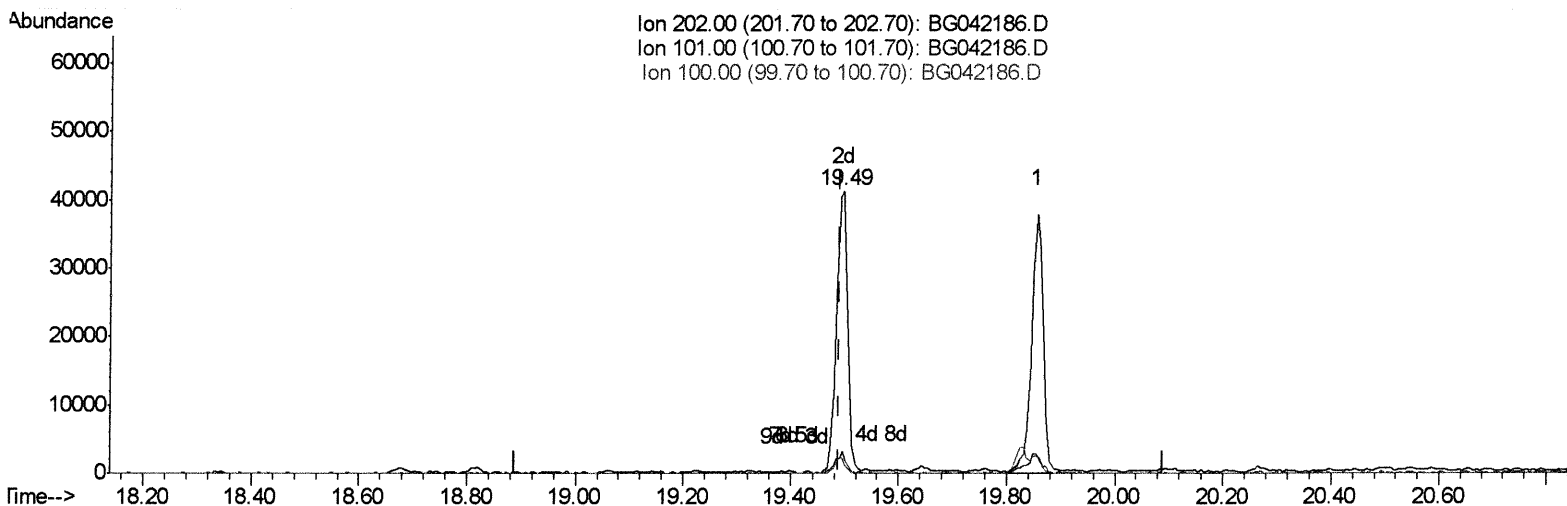
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042186.D
 Acq On : 13 Aug 2019 18:28
 Operator : HP/JU
 Sample : K4215-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC3

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:57 AM

Quant Time: Aug 14 05:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.495min (+0.006) 2.18ng/ul m 08/14/19

response 61693

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.75
100.00	6.60	5.07#
0.00	0.00	0.00

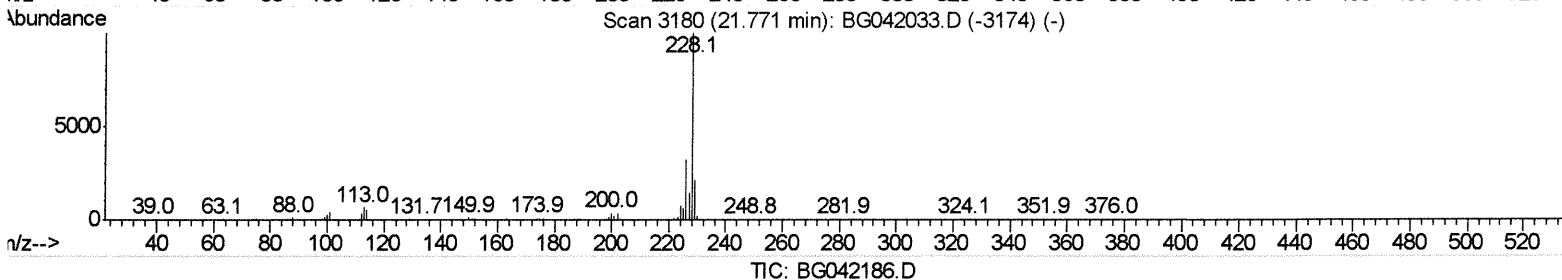
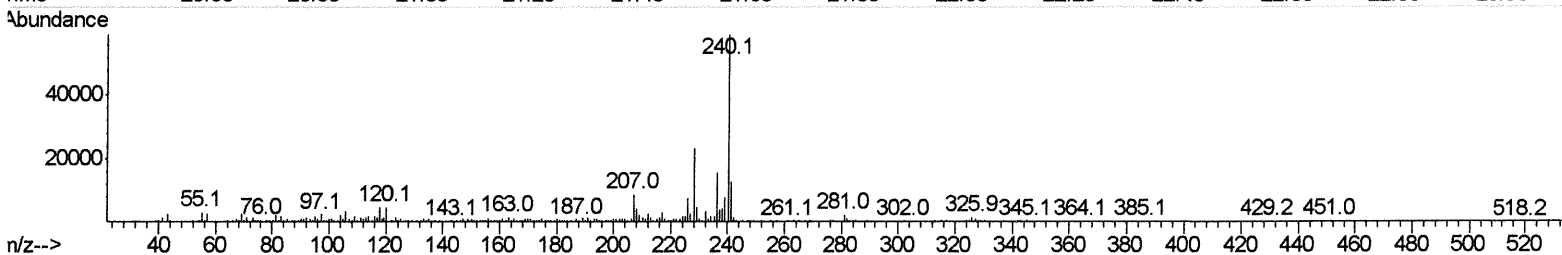
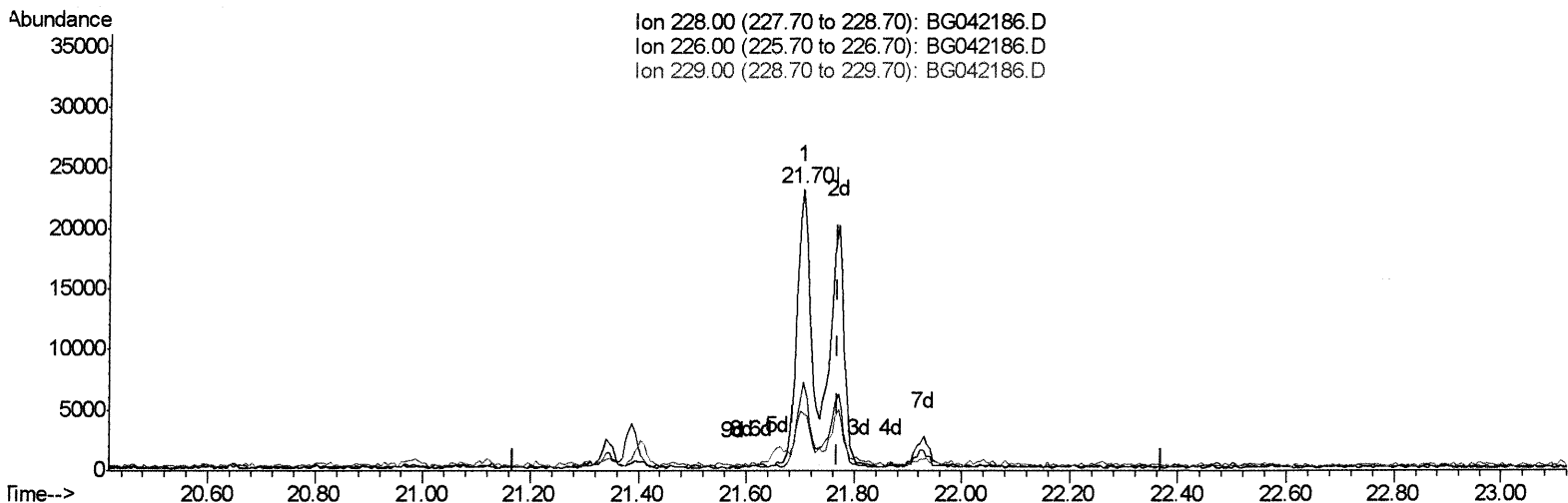
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042186.D
 Acq On : 13 Aug 2019 18:28
 Operator : HP/JU
 Sample : K4215-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC3

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:57 AM

Quant Time: Aug 14 05:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration



(84) Chrysene

21.704min (-0.065) 1.48ng/ul

response 41268

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	31.22
229.00	20.70	20.56
0.00	0.00	0.00

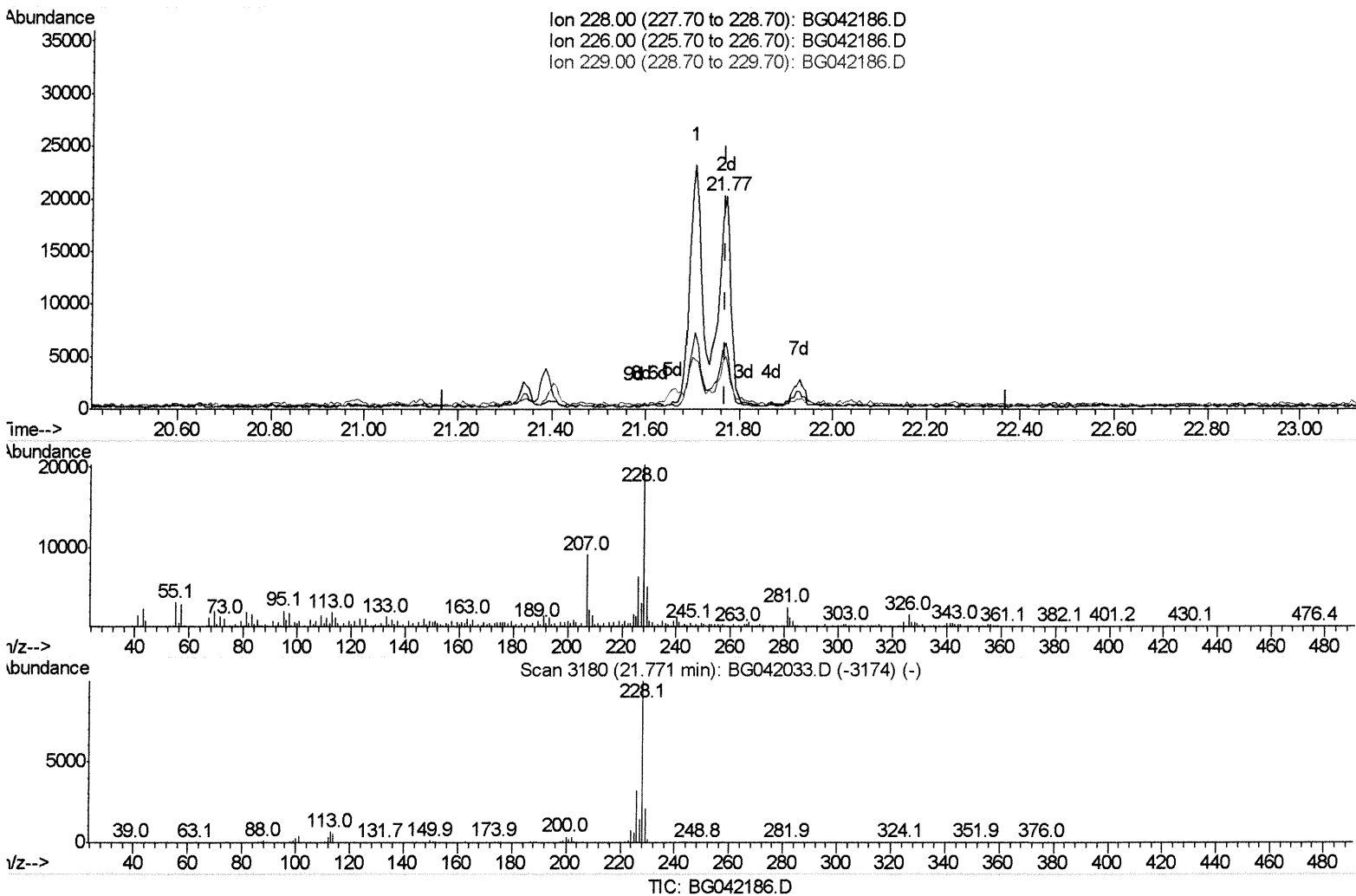
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042186.D
 Acq On : 13 Aug 2019 18:28
 Operator : HP/JU
 Sample : K4215-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ET0C3

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:57 AM

Quant Time: Aug 14 05:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration



(84) Chrysene

21.769min (+0.000) 1.35ng/ul m 08/14/19

response 37622

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	31.38
229.00	20.70	25.09#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042186.D
 Acq On : 13 Aug 2019 18:28
 Operator : HP/JU
 Sample : K4215-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC3

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:35:57 AM

Quant Time: Aug 14 05:45:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	321773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	220304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	447588	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	431146	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	516583	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.41	96	4112	2.27	ng/uL	0.00
5) Phenol-d5	7.18	99	91605	14.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	46754	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	87503	16.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	75856	14.53	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	41245	17.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	51692	18.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	97083	17.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	107700	17.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	321325	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	364710	18.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	33214	11.58	ng/ul	0.00
57) Fluorene-d10	15.68	176	283191	18.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	29758	10.36	ng/ul	0.00
70) Anthracene-d10	17.54	188	454050	21.14	ng/ul	0.00
78) Pyrene-d10	19.82	212	549177	22.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	643510	23.85	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.21	94	9705	1.512	ng/ul#	91
44) Dimethylphthalate	14.13	163	98378	5.799	ng/ul	98
69) Phenanthrene	17.48	178	29173	1.191	ng/ul	98
76) Fluoranthene	19.49	202	61693m →	2.179	ng/ul	95
79) Pyrene	19.85	202	55806	1.924	ng/ul#	95
82) Benzo(a)anthracene	21.70	228	40998	1.371	ng/ul	97
84) Chrysene	21.77	228	37622m →	1.348	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	61086	1.884	ng/ul	98
90) Benzo(a)pyrene	24.84	252	44218	1.431	ng/ul#	93

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