

Quantitation Report (QT Reviewed)

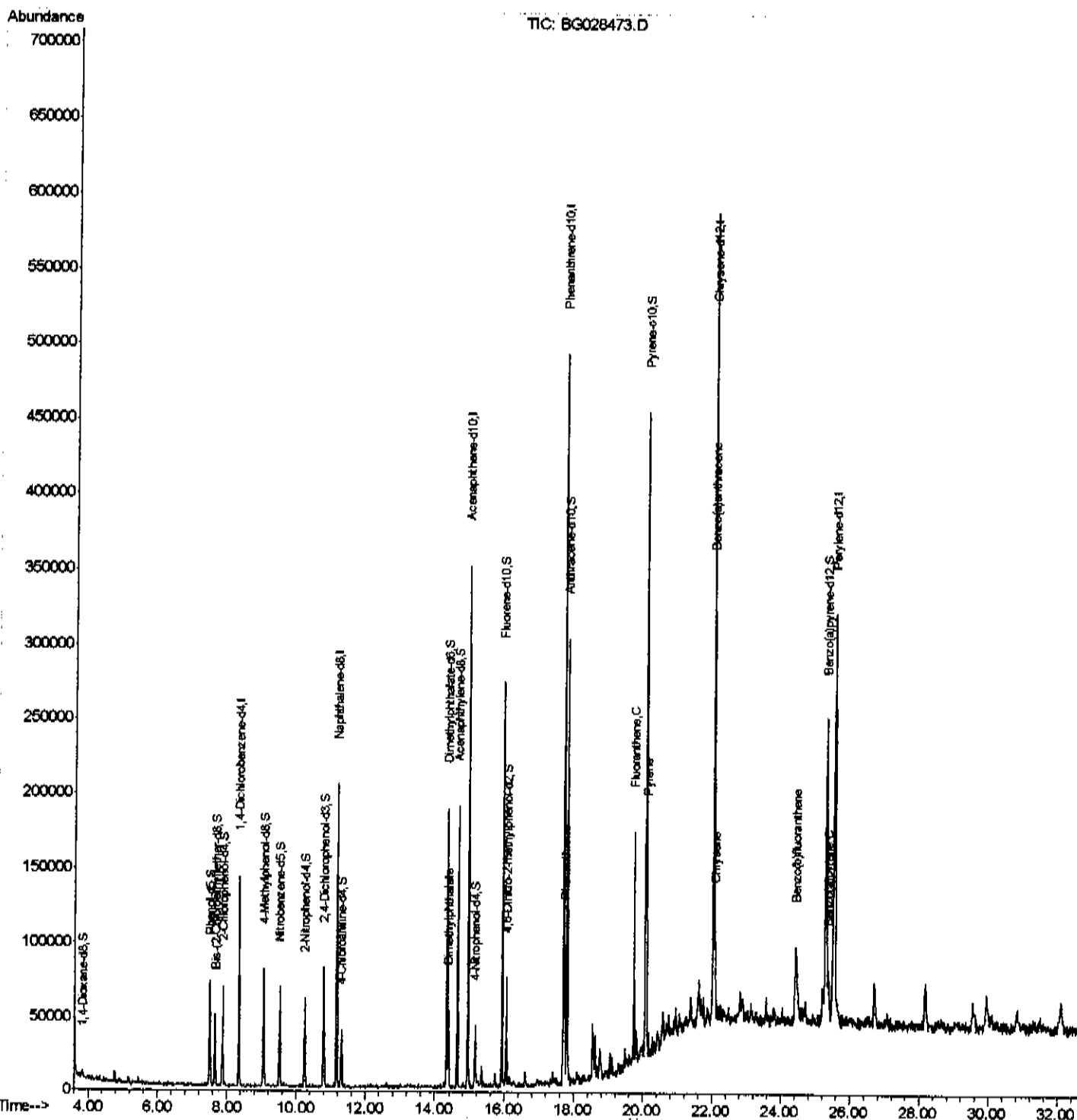
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:13:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

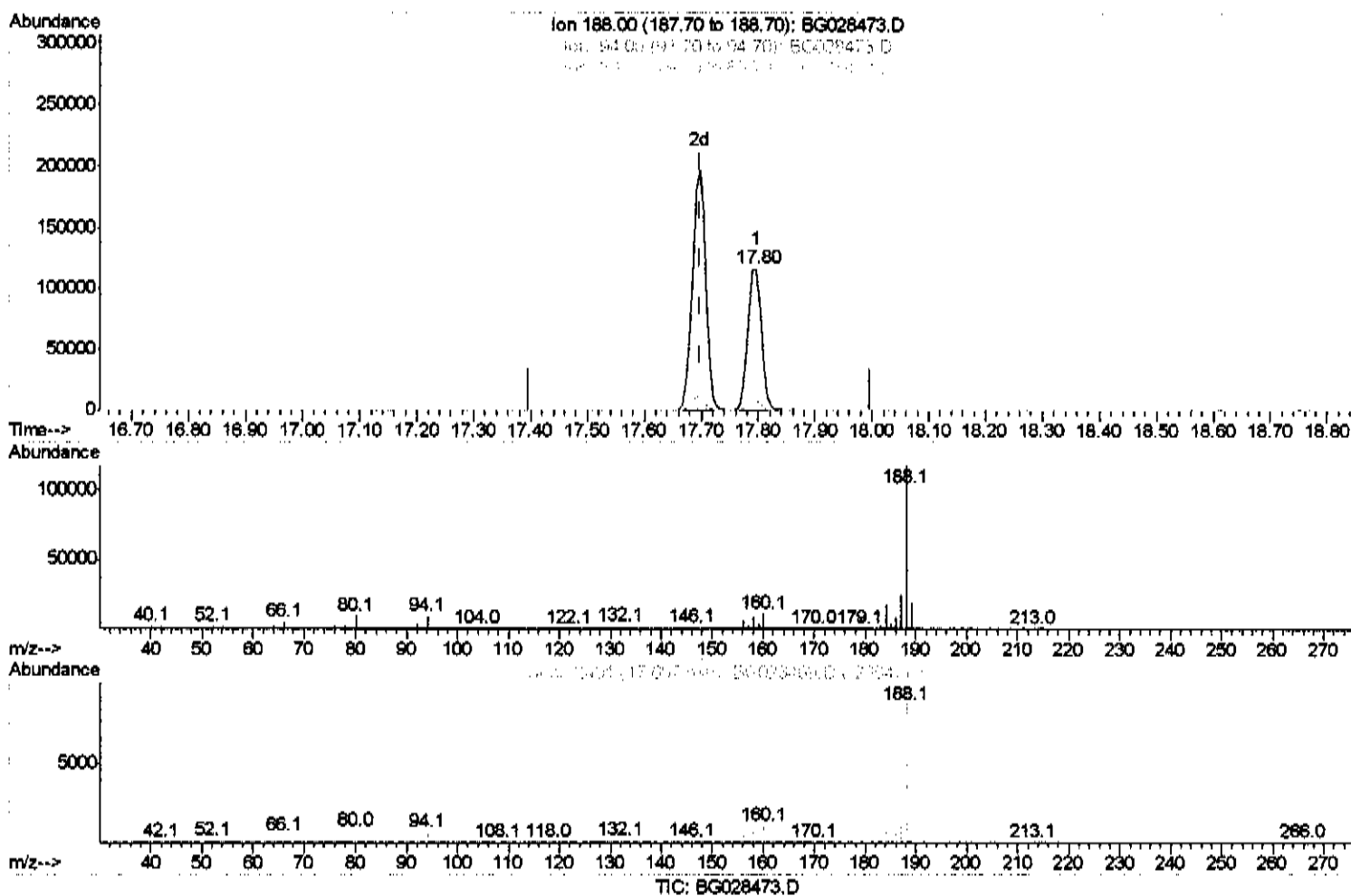
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 03:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.796min (+0.099) 20.00ng/ul

response 187258

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.73
80.00	9.50	8.08
0.00	0.00	0.00

Quantitation Report (Qedit)

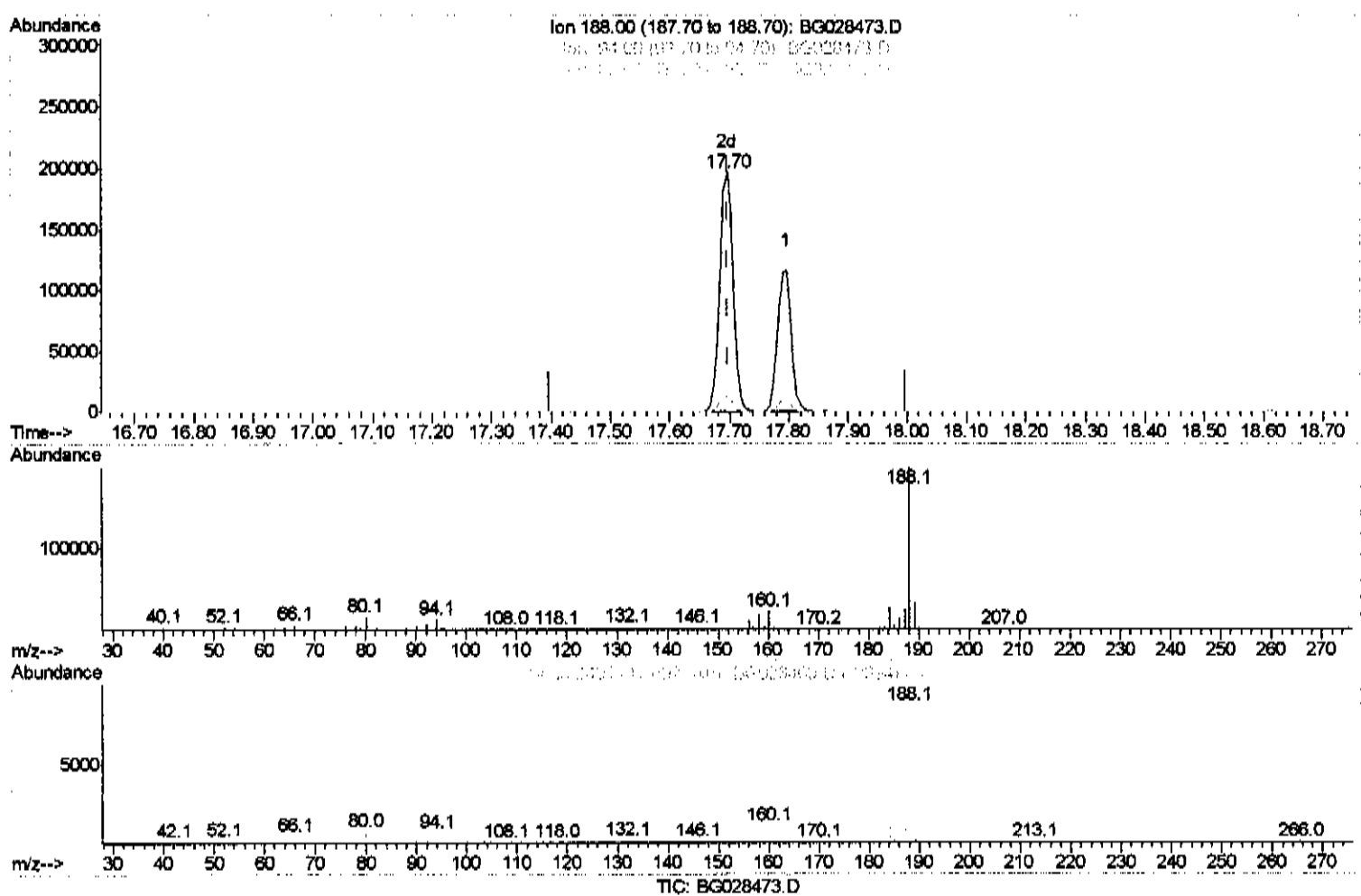
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 03:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.696min (-0.001) 20.00ng/ul m

response 309485

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.67%
80.00	9.50	8.24
0.00	0.00	0.00

[Handwritten signature]

Quantitation Report (Qedit)

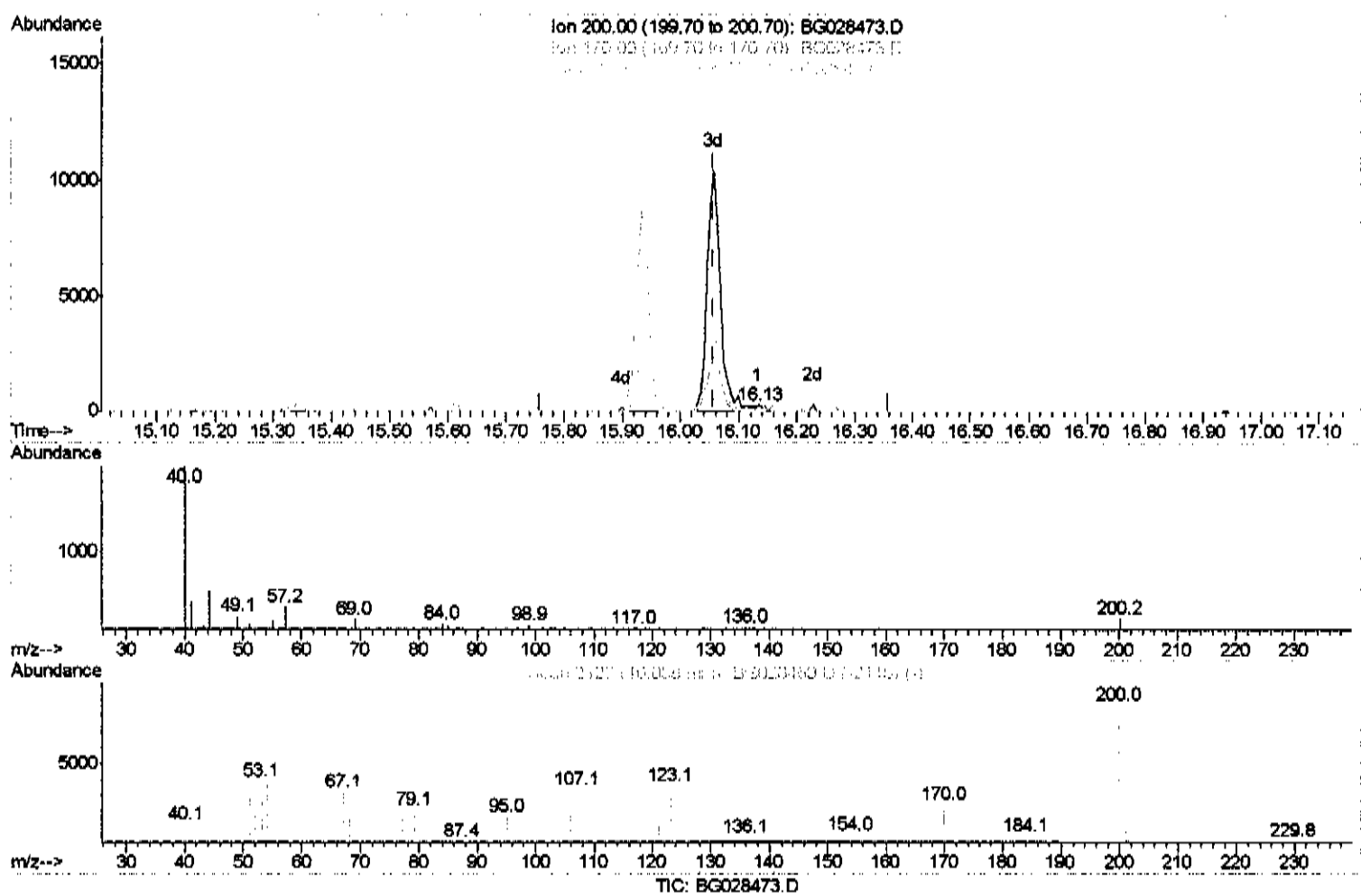
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:10:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



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

16.133min (+0.075) 0.12ng/ul

response 250

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

Quantitation Report (Qedit)

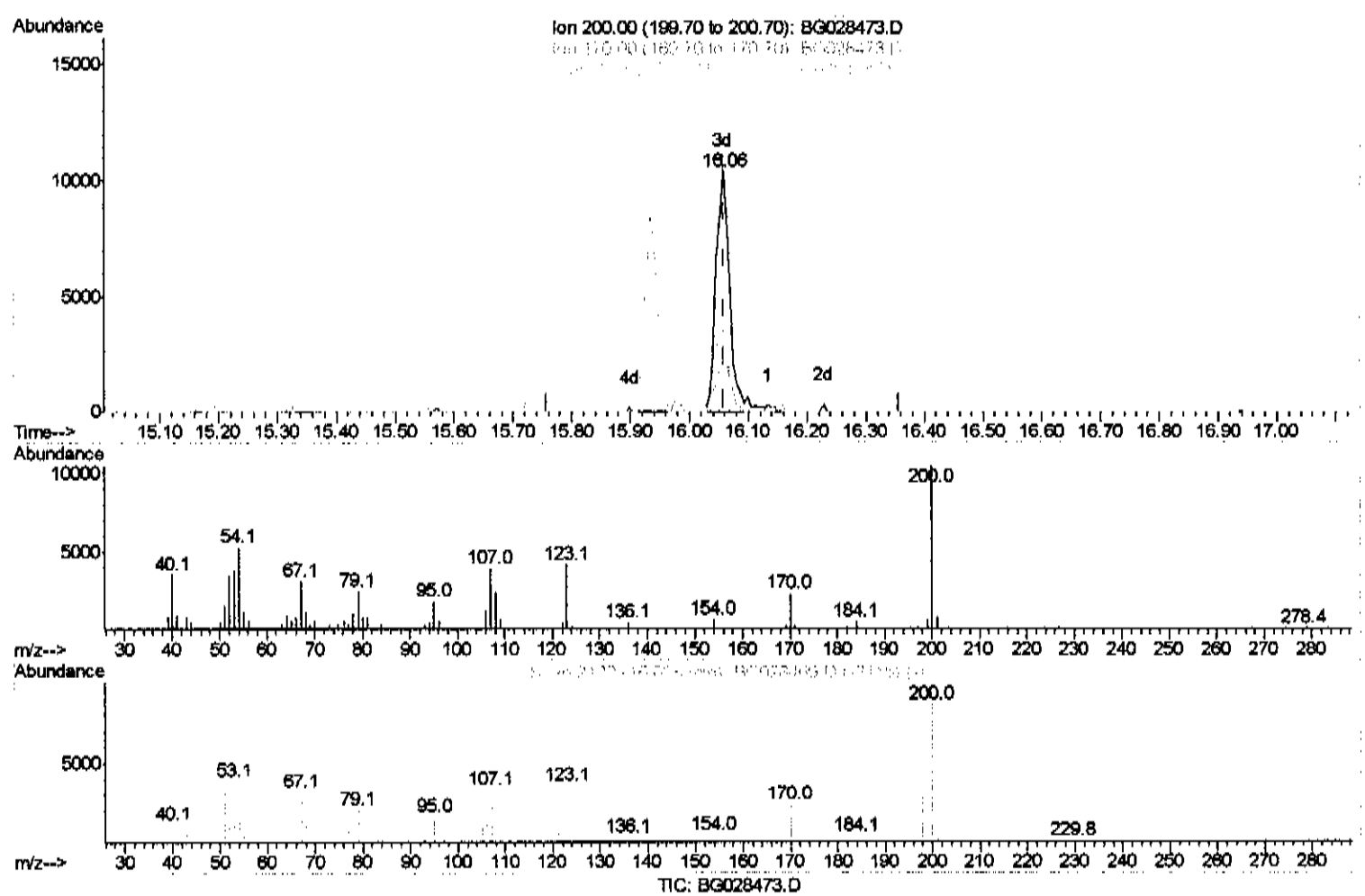
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:10:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



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

16.057min (-0.001) 8.49ng/ul m

response 17075

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	22.54
52.00	47.20	33.80#
0.00	0.00	0.00

Signature
 8/25/17

Quantitation Report (Qedit)

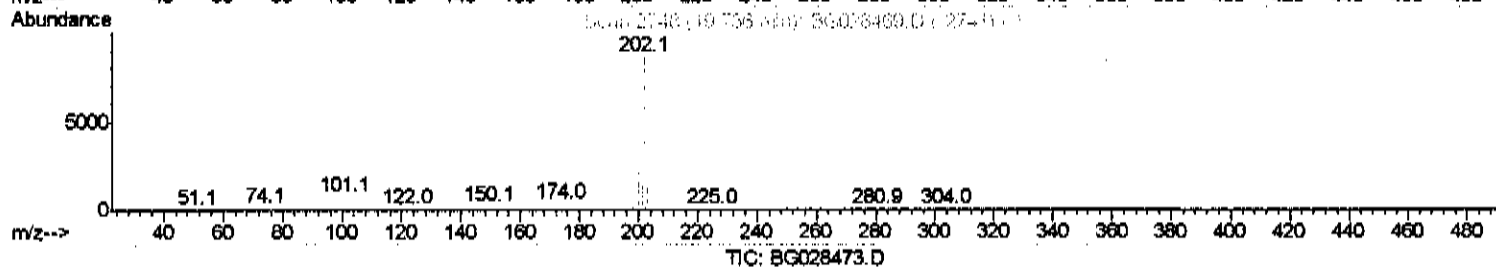
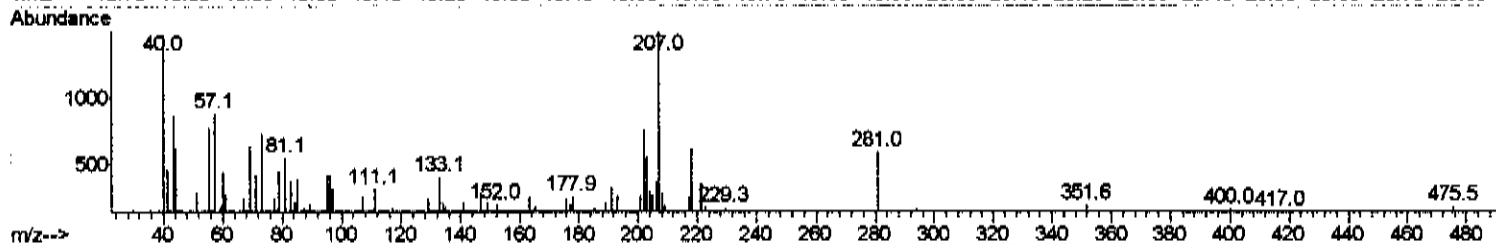
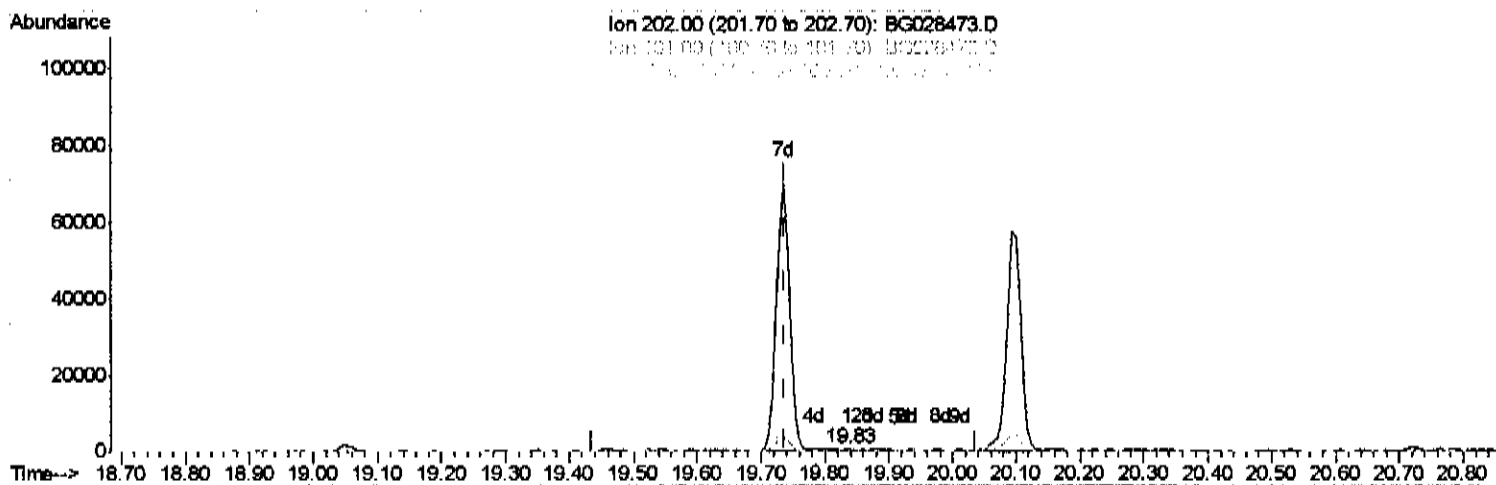
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.835min (+0.099) 0.04ng/ul

response 706

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

Quantitation Report (Qedit)

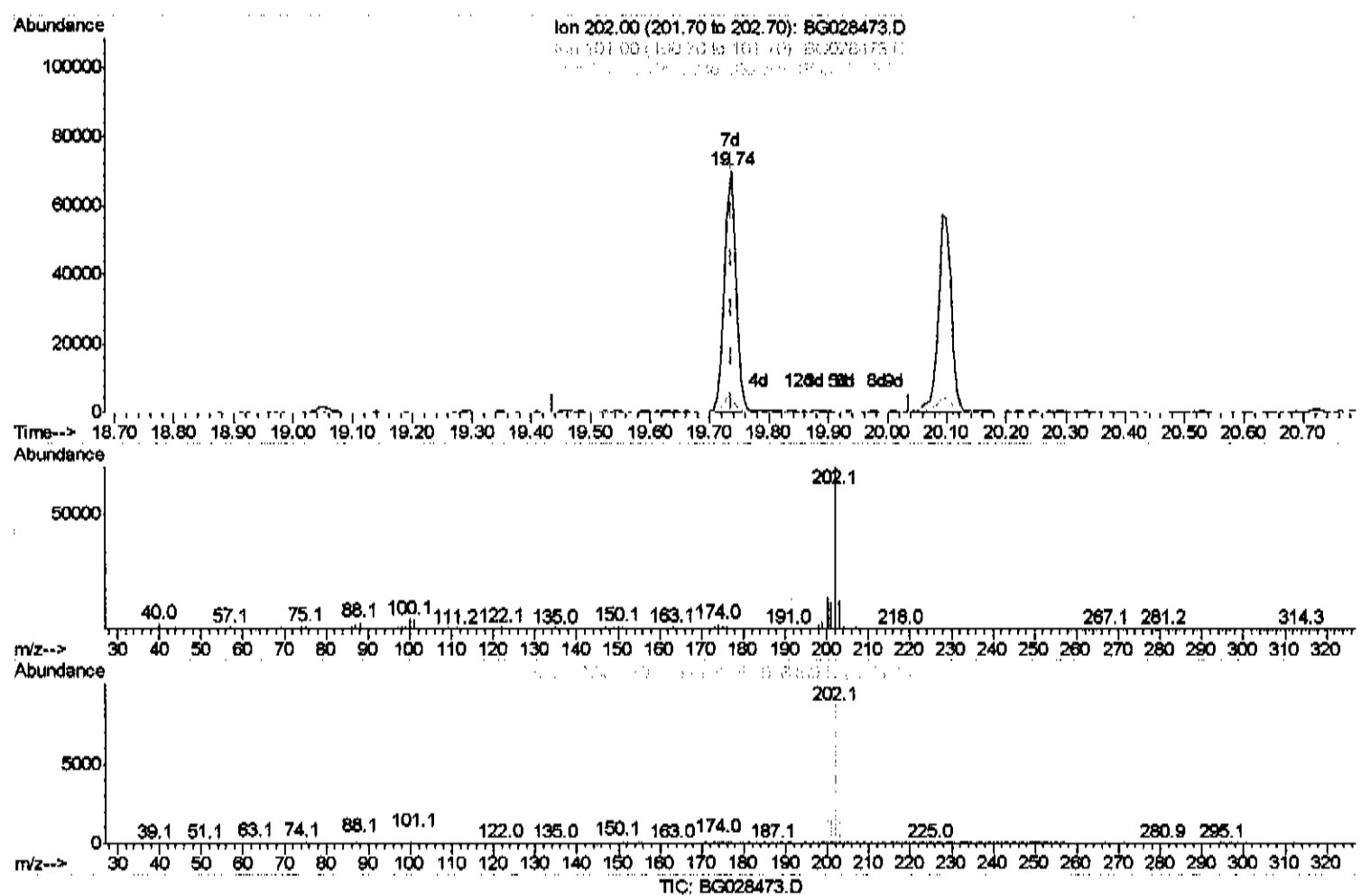
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.735min (-0.001) 5.07ng/ul m

response 95996

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	5.52%
100.00	6.50	6.22
0.00	0.00	0.00

Signature 8/25/17

Quantitation Report (Qedit)

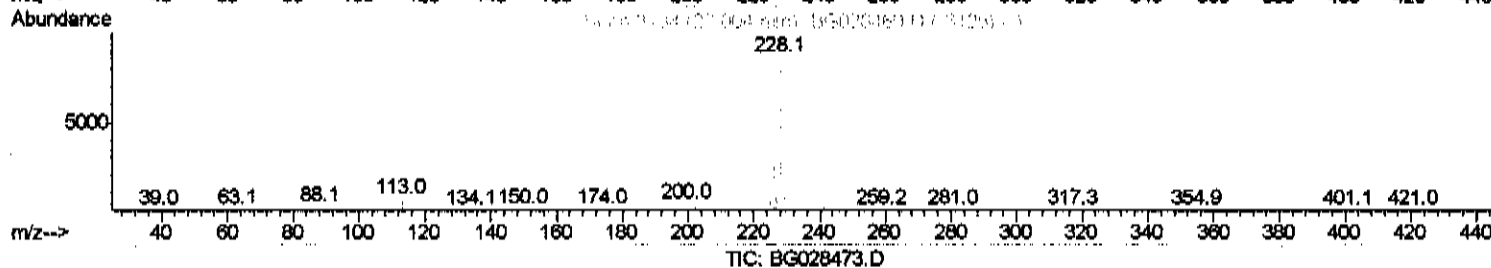
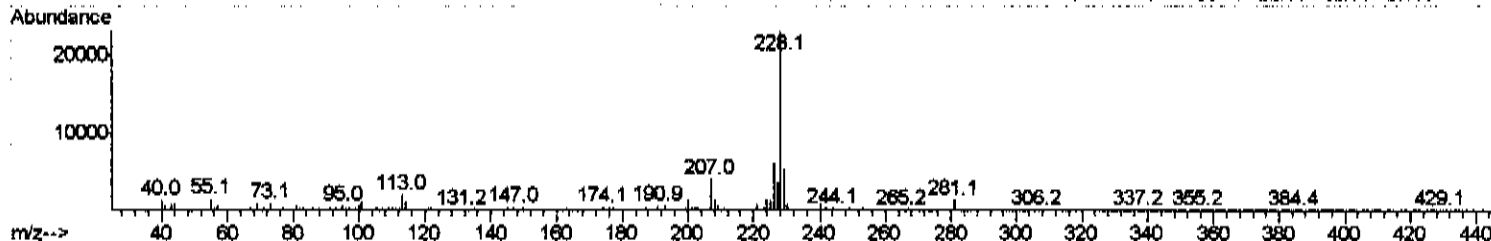
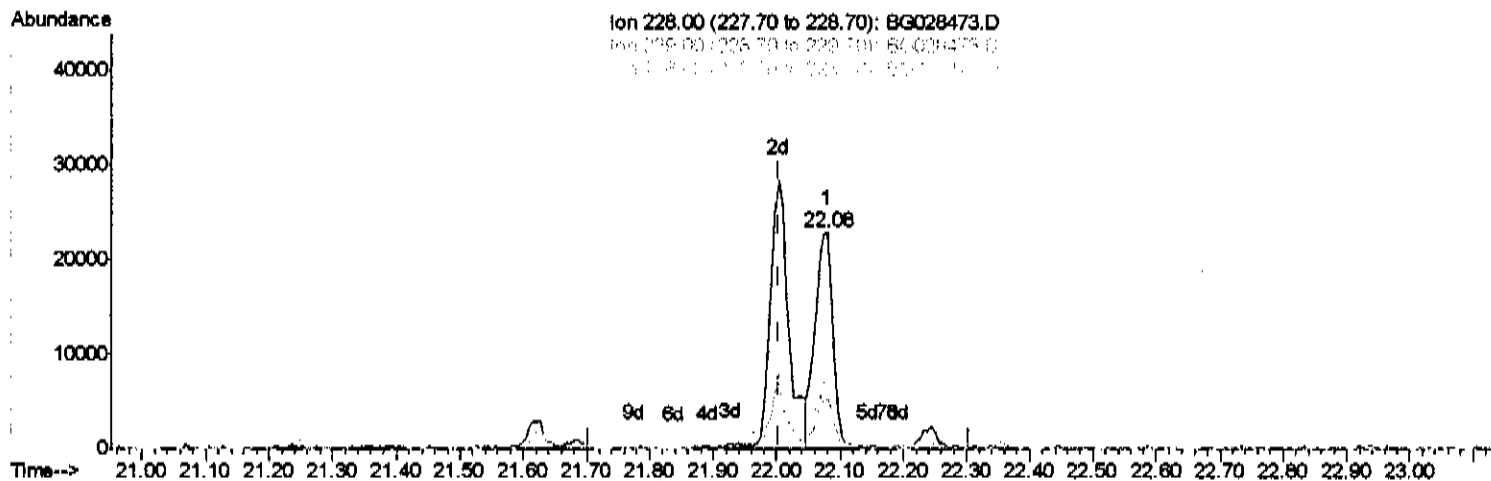
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



(80) Benzo(a)anthracene

22.079min (+0.075) 2.14ng/ul

response 45408

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	23.74
226.00	27.40	27.41
0.00	0.00	0.00

Quantitation Report (Qedit)

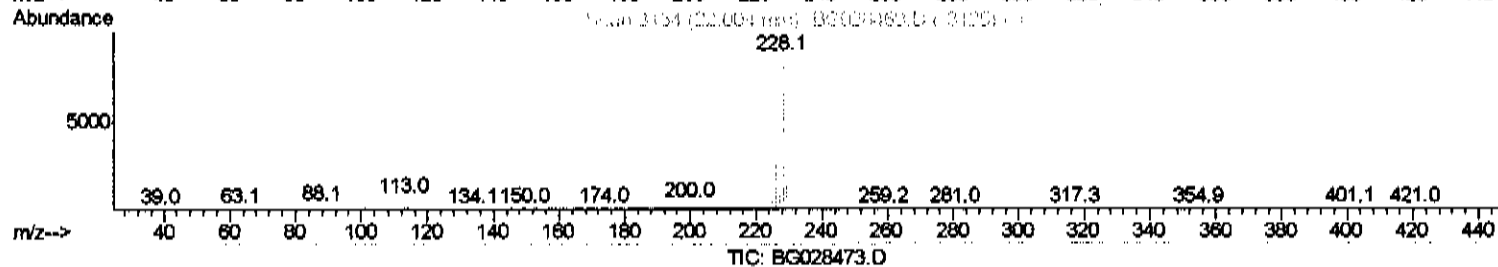
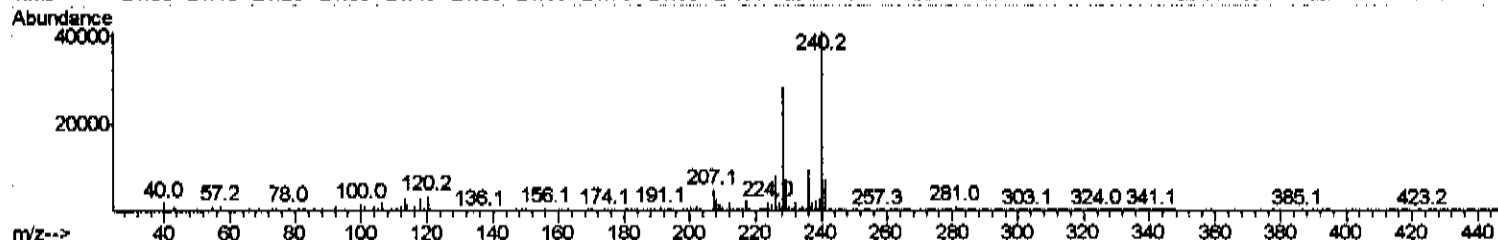
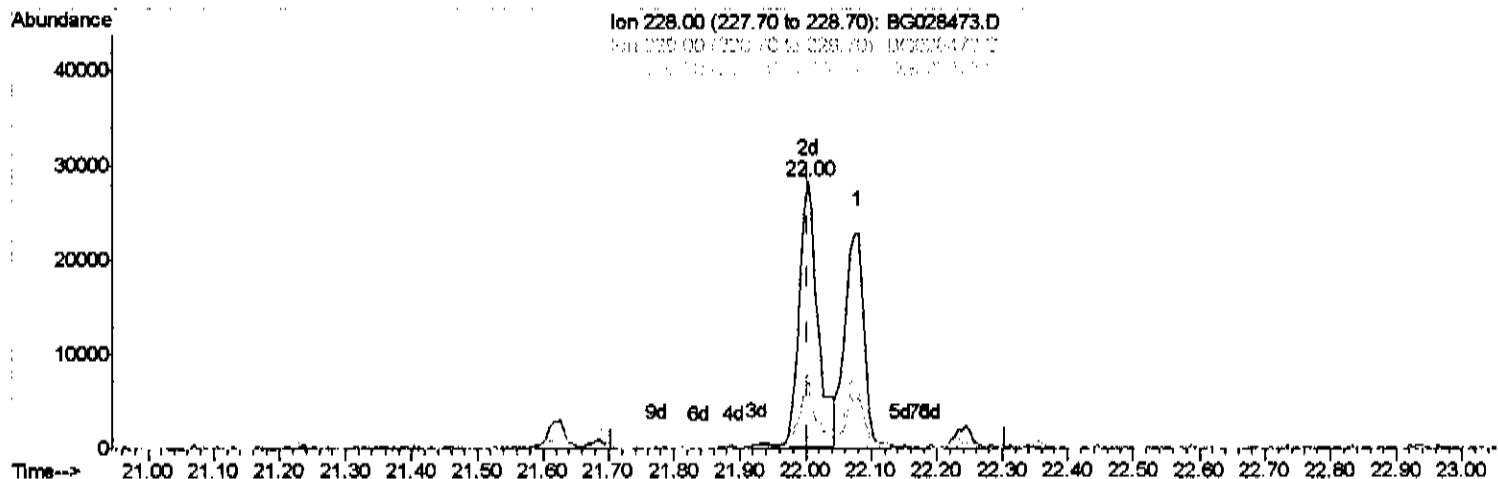
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



(80) Benzo(a)anthracene

22.003min (-0.001) 2.65ng/ul m

response 56203

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	24.86#
226.00	27.40	28.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_G
ClientSampleId :
B0AG6

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:53 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028473.D
Acq On : 24 Aug 2017 23:25
Operator : SJ/JU
Sample : I4840-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 25 04:13:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40893	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	171057	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	123409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	309485m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	367422	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	358453	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	1750	1.99	ng/uL	0.00
5) Phenol-d5	7.49	99	40567	9.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	26855	9.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	29843	10.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	33133	8.83	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	15706	11.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	17955	12.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	34501	11.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	22146	6.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	131419	11.97	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	139029	11.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	14414	8.26	ng/ul	0.00
57) Fluorene-d10	15.93	176	110151	11.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	17075m	8.49	ng/ul	0.00
70) Anthracene-d10	17.80	188	187258	12.62	ng/ul	0.00
76) Pvrene-d10	20.07	212	238392	12.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	225730	13.45	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.38	163	31731	3.140	ng/ul	97
69) Phenanthrene	17.74	178	60773	3.902	ng/ul	96
74) Fluoranthene	19.74	202	95996m	5.072	ng/ul	97
77) Pvrene	20.09	202	88469	4.036	ng/ul	97
80) Benzo(a)anthracene	22.00	228	56203m	2.647	ng/ul	95
82) Chrysene	22.08	228	45408	2.375	ng/ul	97
85) Benzo(b)fluoranthene	24.41	252	62177	2.899	ng/ul	97
88) Benzo(a)pyrene	25.36	252	43573	2.098	ng/ul	95

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