

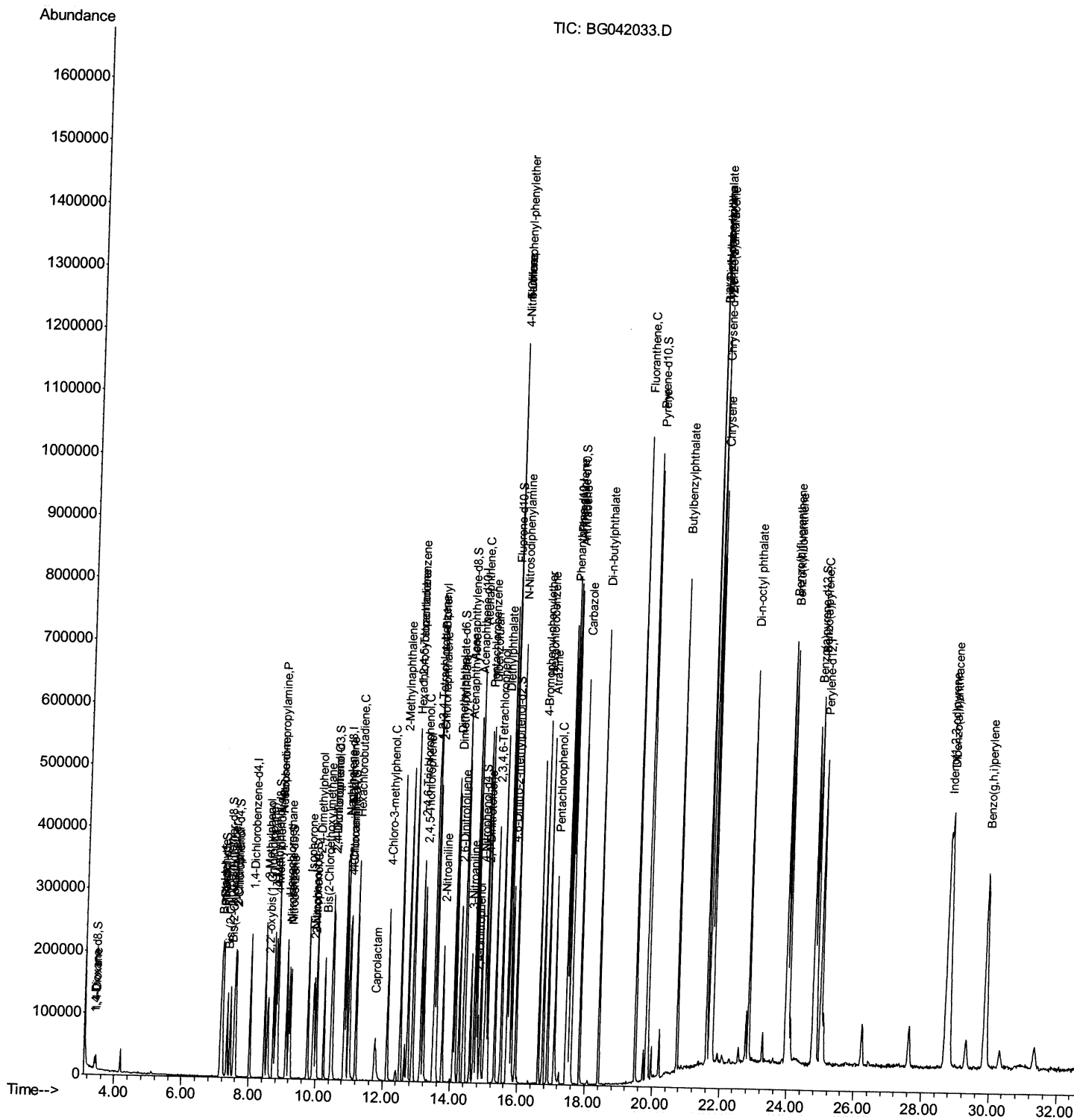
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:27:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

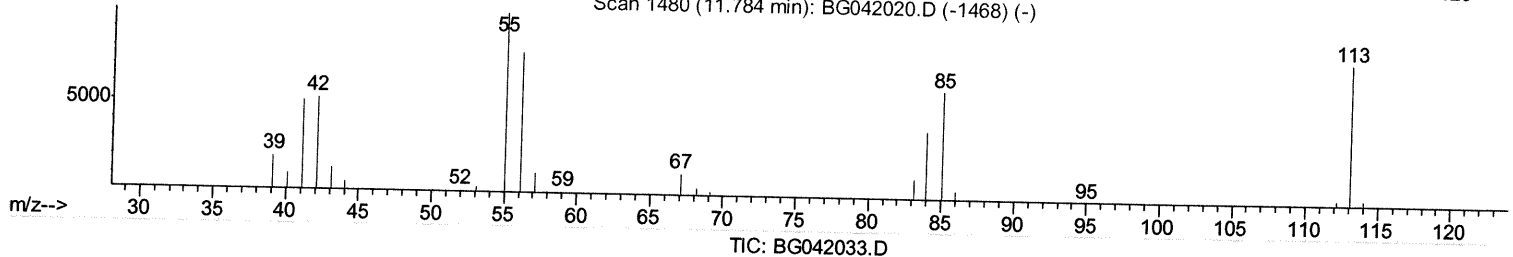
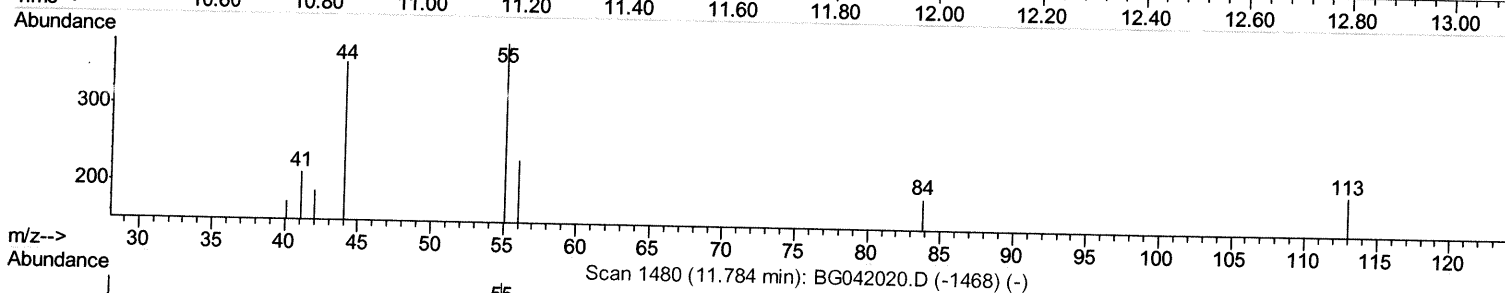
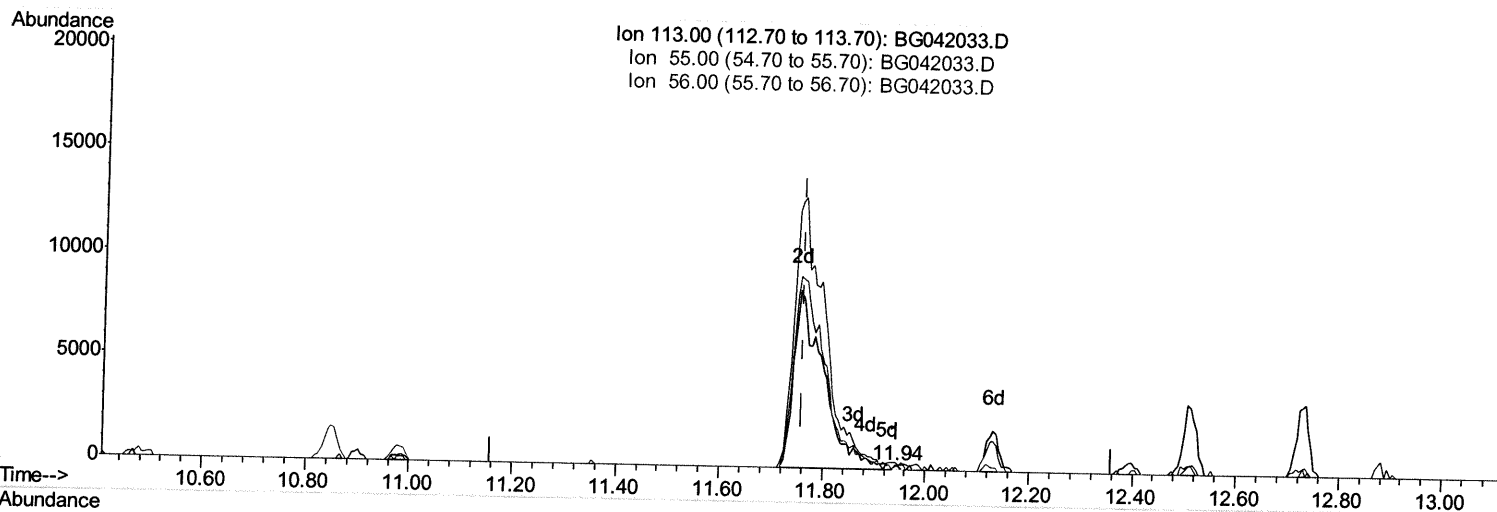
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDECC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations
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mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:25:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration



(32) Caprolactam

11.941min (+0.182) 0.07ng/ul

response 135

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	190.05
56.00	136.80	115.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

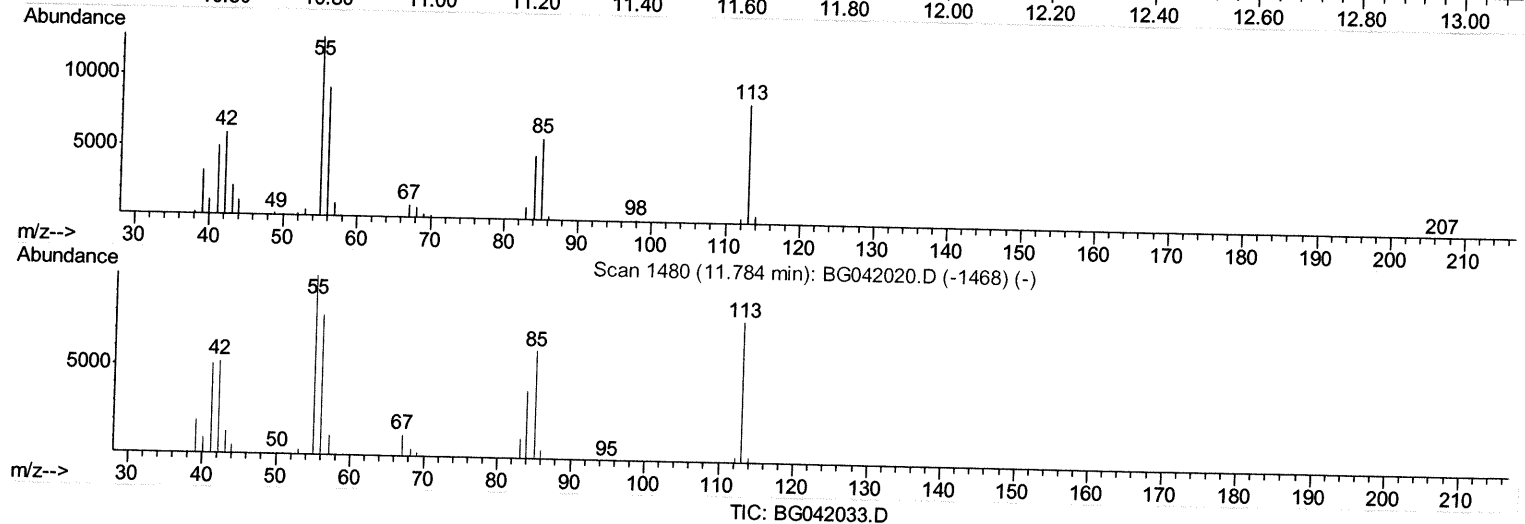
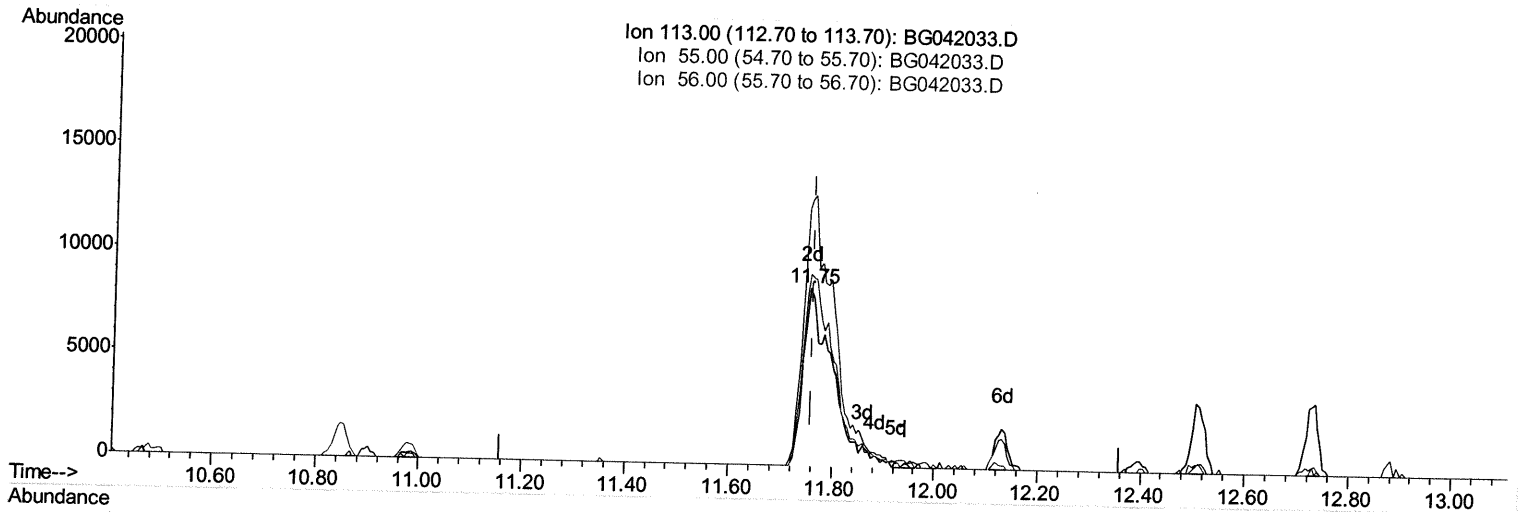
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
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Manual Integrations
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Response via : Initial Calibration



(32) Caprolactam

11.753min (-0.006) 18.61ng/ul m *JU* 08/08/19

response 34208

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	149.18
56.00	136.80	108.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

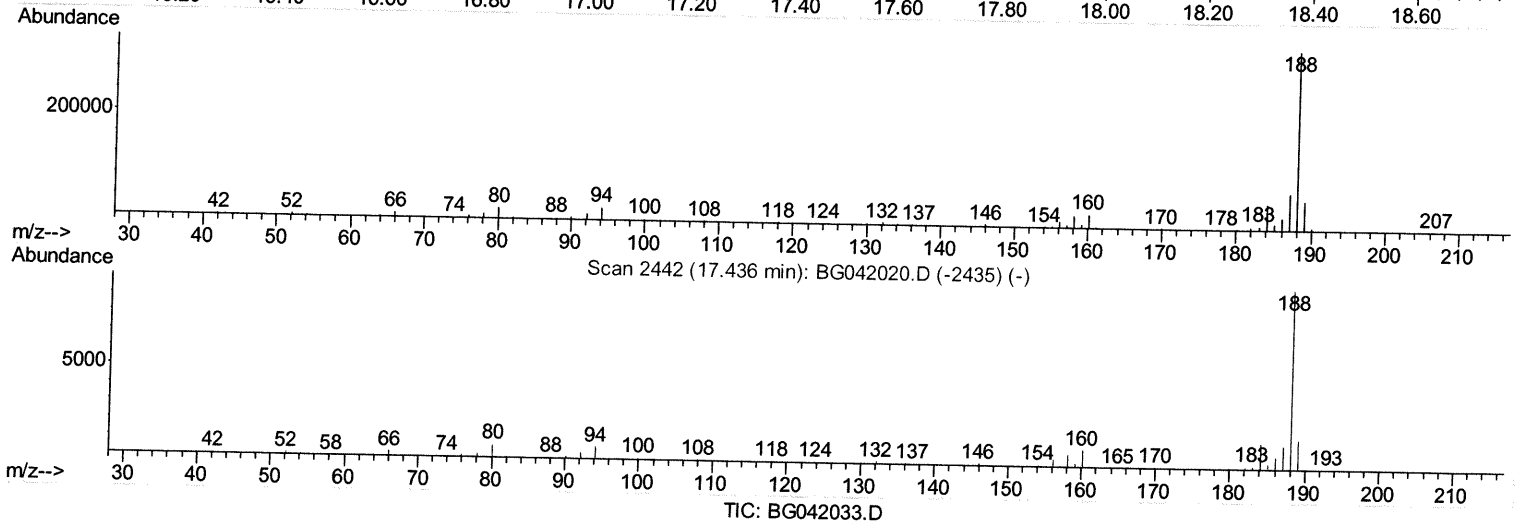
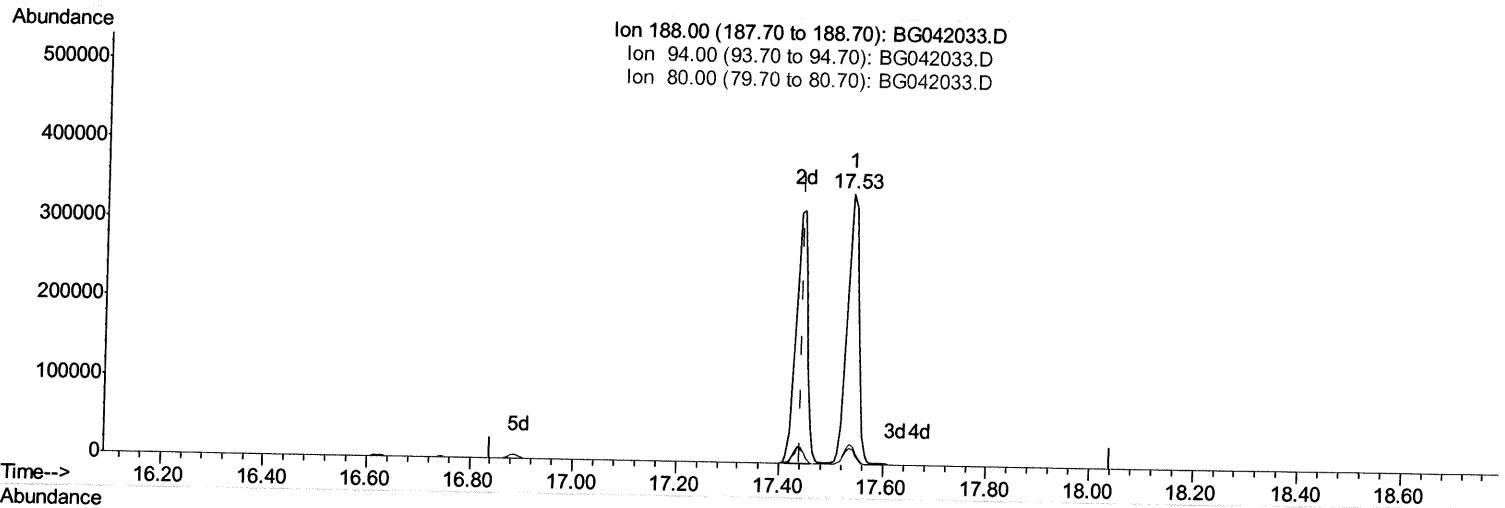
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
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(61) Phenanthrene-d10 (I)

17.535min (+0.094) 20.00ng/ul

response 529236

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	7.09
80.00	7.40	6.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

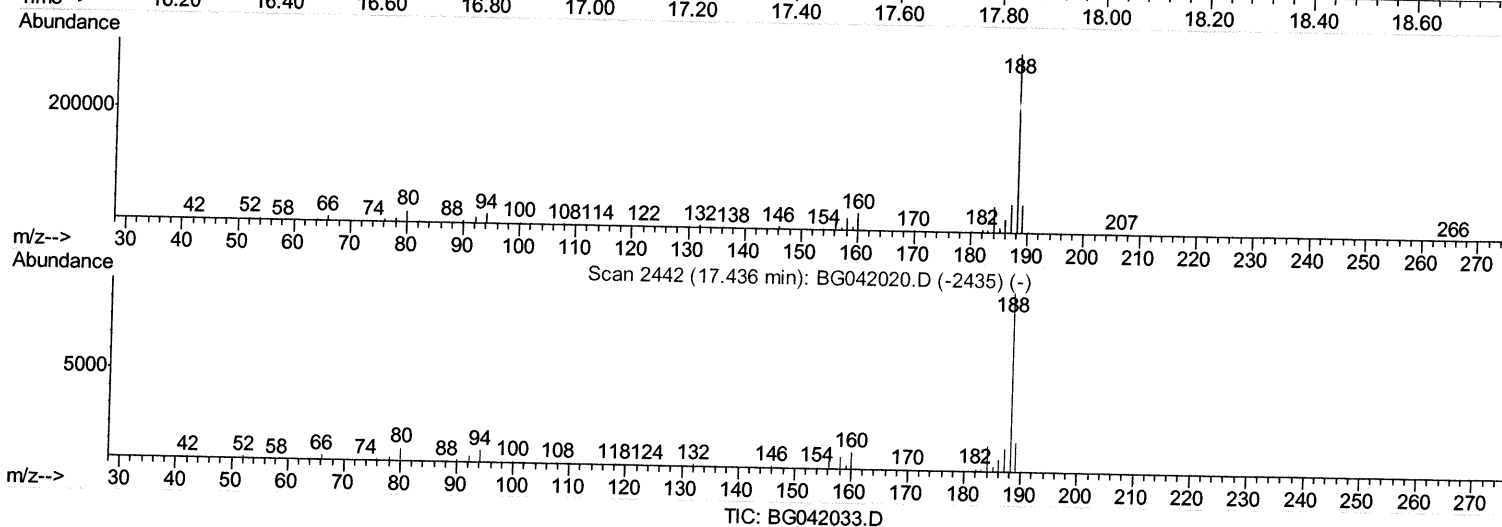
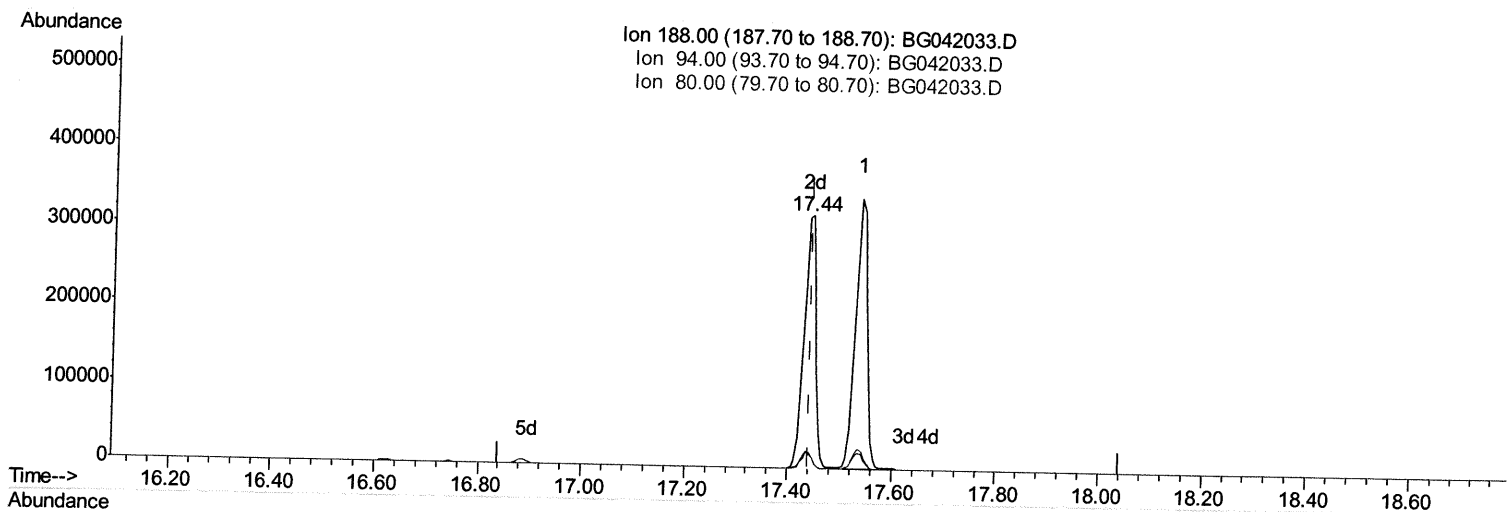
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(61) Phenanthrene-d10 (I)

17.441min (+0.000) 20.00ng/ul m

JU 08/08/19

response 507924

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	5.27#
80.00	7.40	6.26
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

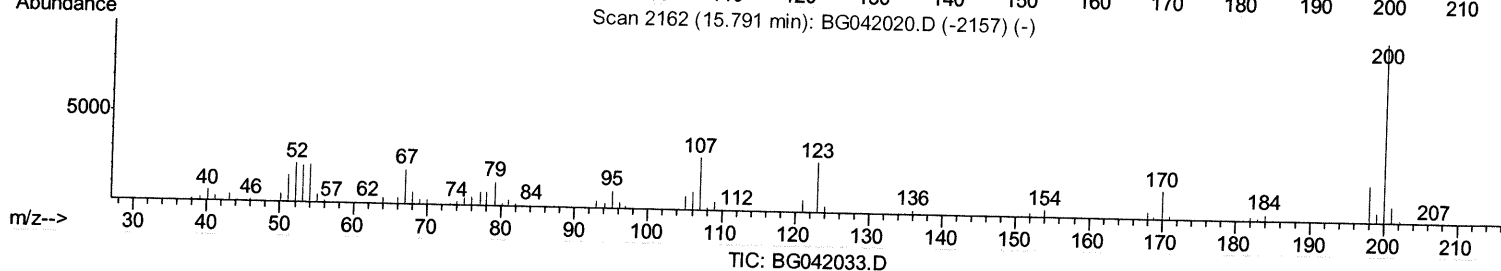
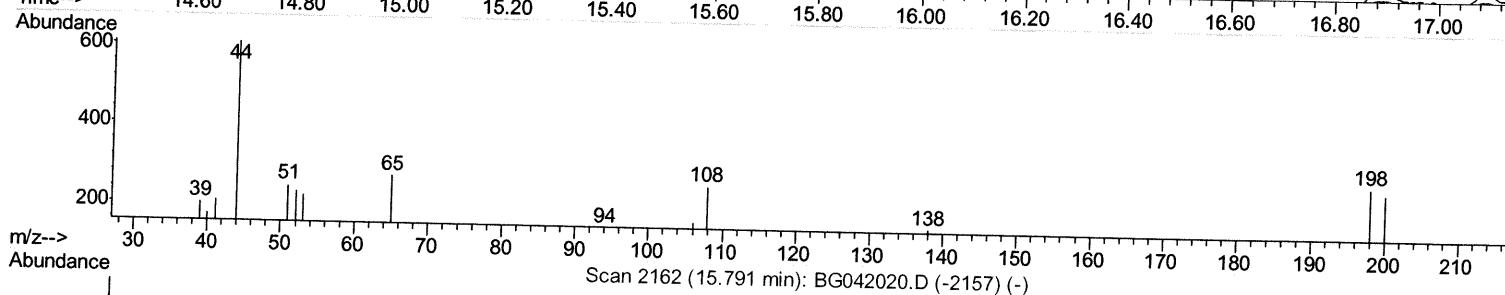
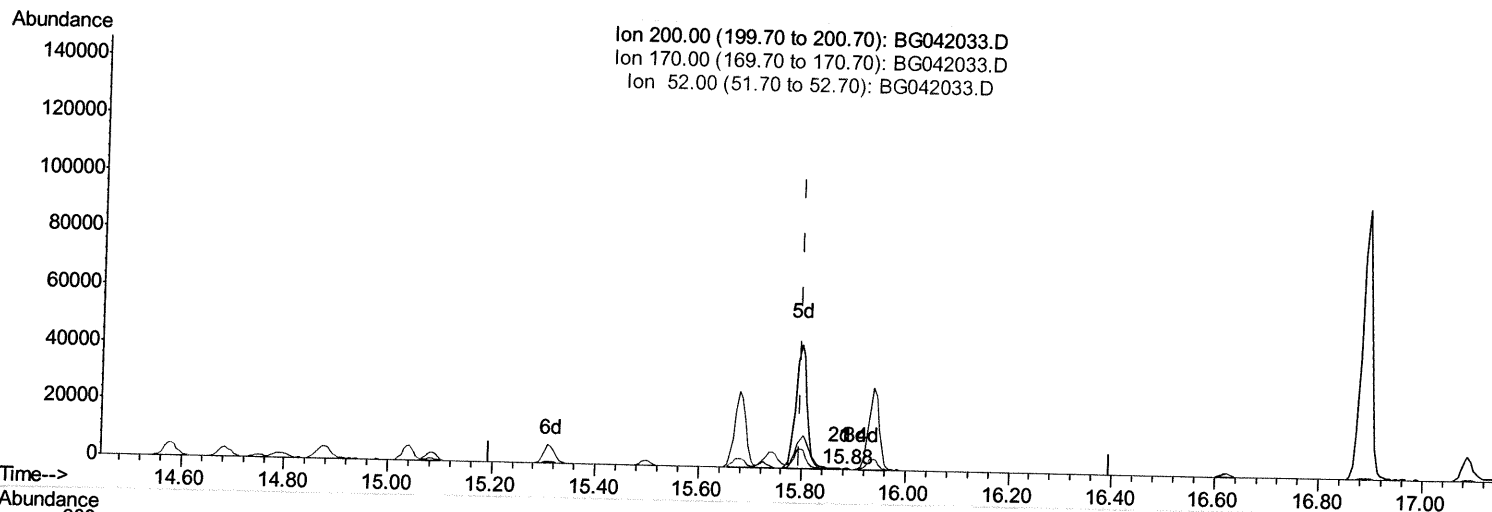
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:27:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration



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

15.884min (+0.088) 0.06ng/ul

response 183

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	0.00#
52.00	31.40	86.09#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

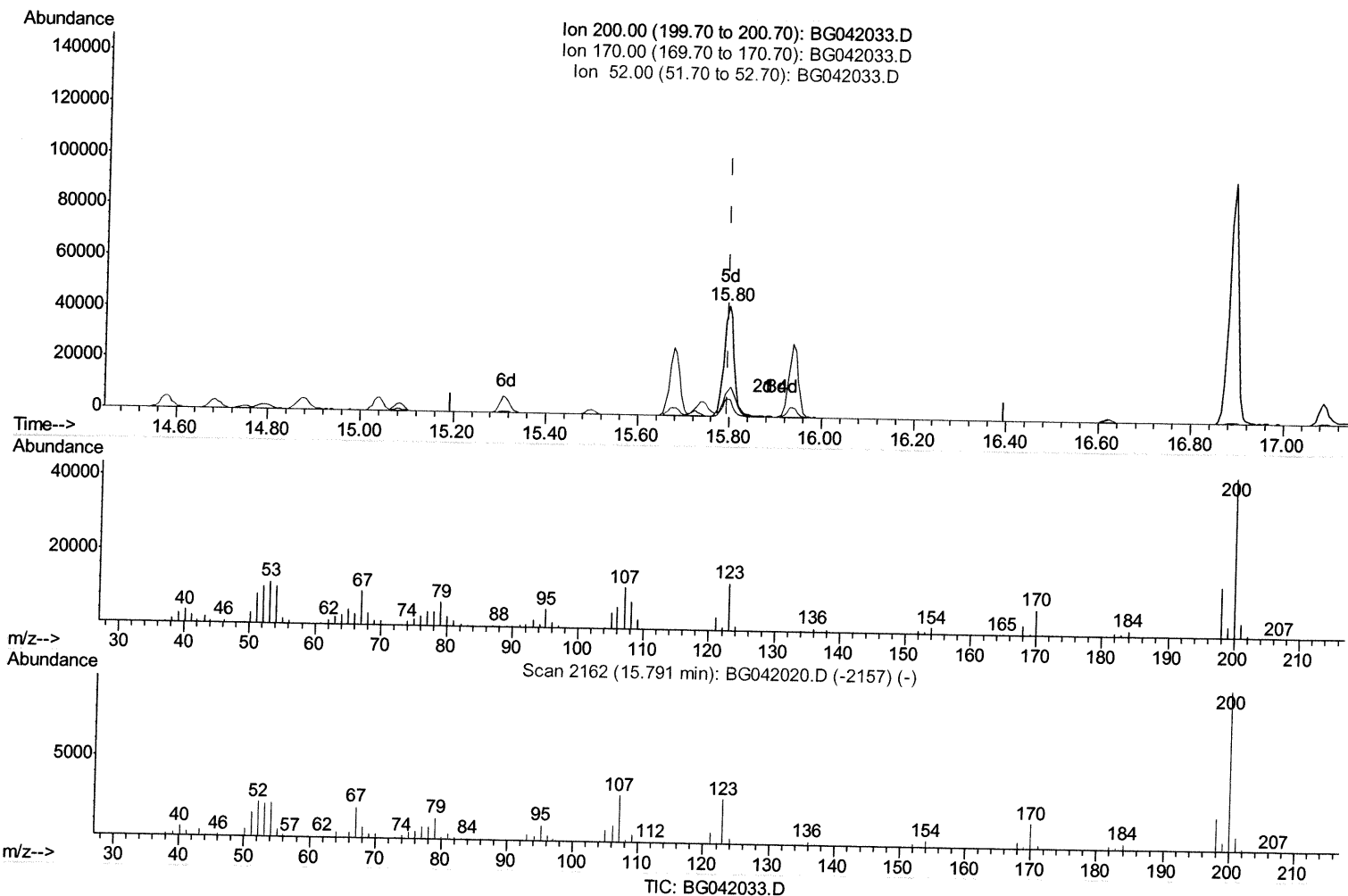
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:27:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration



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

15.796min (+0.000) 20.99ng/ul m JU 08/08/19

response 68407

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	16.21
52.00	31.40	23.85#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

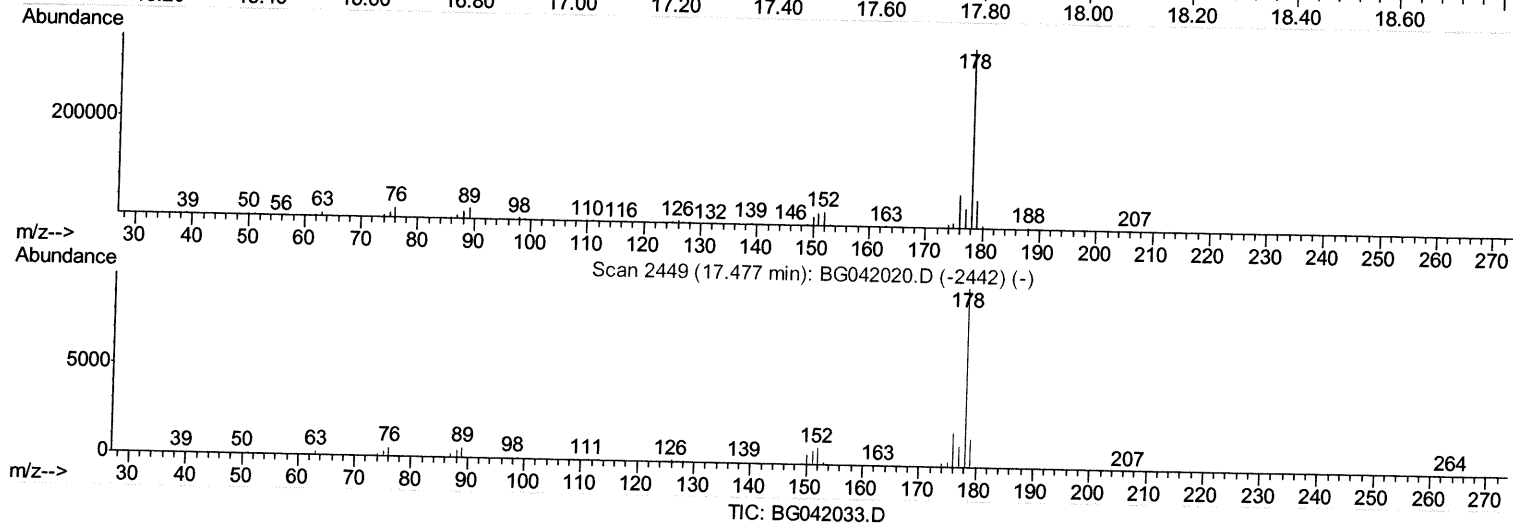
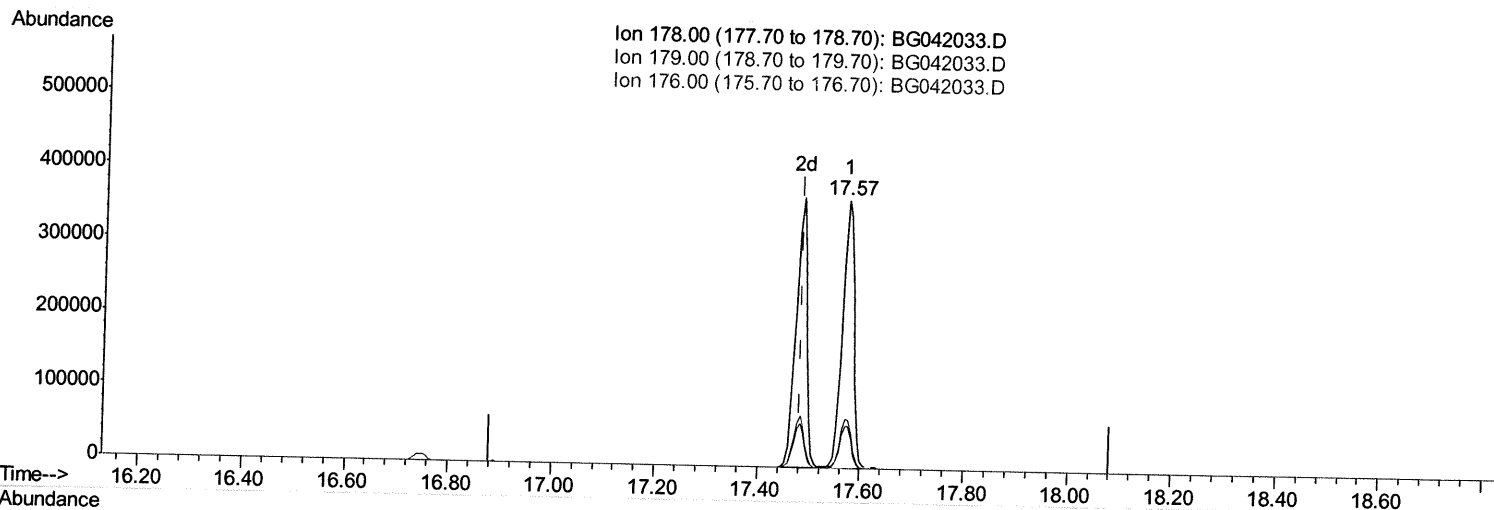
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:27:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(69) Phenanthrene

17.570min (+0.088) 20.18ng/ul

response 561225

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.80
176.00	19.30	18.39
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (Qedit)

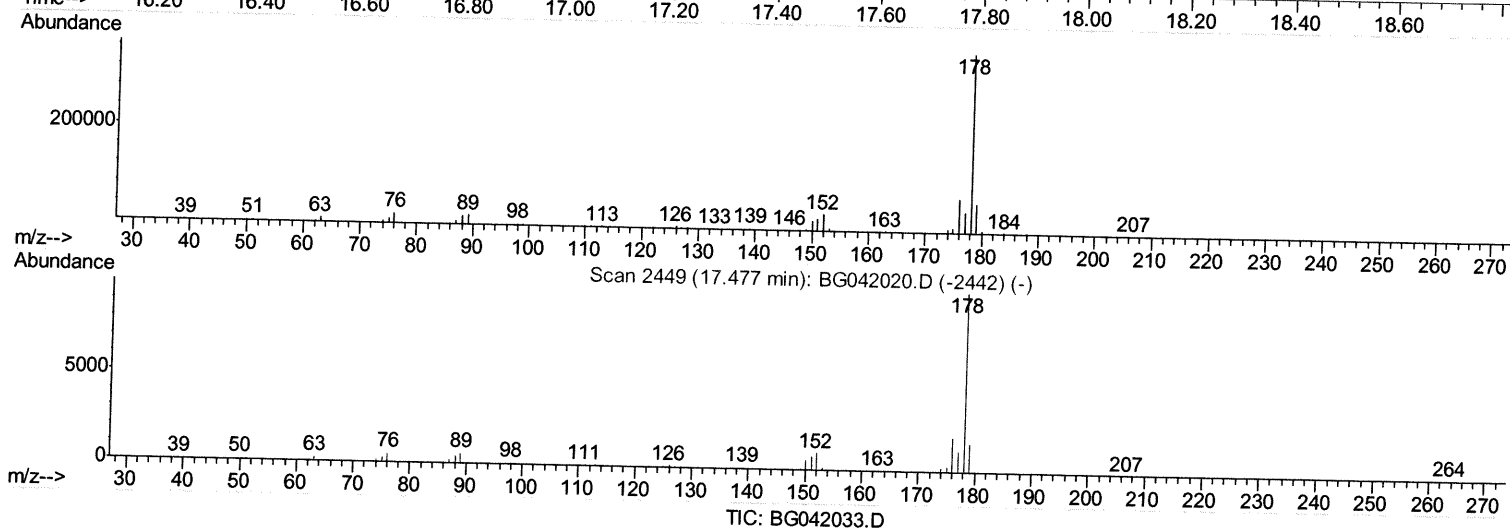
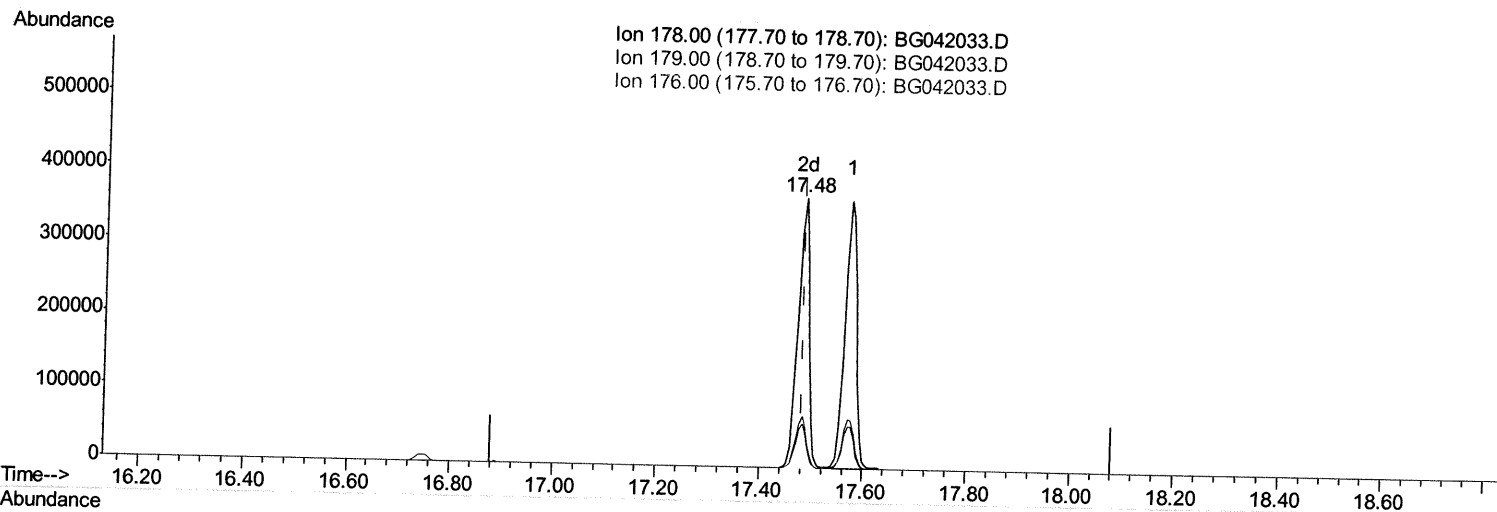
Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:27:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration



(69) Phenanthrene

17.482min (+0.000) 20.04ng/ul m *JU 8/8/2019*

response 557249

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.17
176.00	19.30	19.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Quantitation Report (QT Reviewed)

Data File : BG042033.D
Acq On : 7 Aug 2019 16:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02090

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:44 PM

Quant Time: Aug 08 01:27:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	324744	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	221292	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	507924m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	495626	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	574756	20.00	ng/ul	0.00

Jo 08/08/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	11964	6.86	ng/uL	0.00
5) Phenol-d5	7.18	99	125077	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	64891	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	111834	21.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	103665	20.61	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	53536	21.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	65621	23.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	131504	22.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	138854	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	372846	21.72	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	467210	23.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	61498	21.34	ng/ul	0.00
57) Fluorene-d10	15.68	176	346134	22.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	68407m	20.99	ng/ul	0.00
70) Anthracene-d10	17.53	188	529236	21.72	ng/ul	0.00
78) Pyrene-d10	19.83	212	590899	21.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	674148	22.45	ng/ul	0.00

Jo 08/08/19

Target Compounds

				Qvalue
2) 1,4-Dioxane	3.45	88	11862	6.562 ng/uL# 89
4) Benzaldehyde	7.15	77	55292	19.532 ng/ul 94
6) Phenol	7.21	94	118745	19.201 ng/ul 94
8) Bis(2-Chloroethyl)ether	7.43	93	87649	18.629 ng/ul 94
10) 2-Chlorophenol	7.59	128	103869	20.004 ng/ul 97
11) 2-Methylphenol	8.47	108	95590	19.278 ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.56	45	126264	15.865 ng/ul# 94
14) Acetophenone	8.85	105	150211	19.416 ng/ul 93
15) N-Nitroso-di-n-propylamine	8.84	70	70662	17.290 ng/ul 95
16) 4-Methylphenol	8.80	108	101043	18.863 ng/ul 96
17) Hexachloroethane	9.12	117	42037	19.551 ng/ul 88
20) Nitrobenzene	9.23	77	103372	18.566 ng/ul 92
21) Isophorone	9.76	82	199896	18.007 ng/ul 97
23) 2-Nitrophenol	9.96	139	63867	21.062 ng/ul 91
24) 2,4-Dimethylphenol	10.01	107	112650	18.829 ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.24	93	123285	18.706 ng/ul 98
27) 2,4-Dichlorophenol	10.49	162	119034	20.949 ng/ul 98
28) Naphthalene	10.90	128	328251	19.772 ng/ul 99
30) 4-Chloroaniline	11.00	127	129282	20.233 ng/ul 99
31) Hexachlorobutadiene	11.20	225	89391	20.722 ng/ul 97
32) Caprolactam	11.75	113	34208m	18.608 ng/ul
33) 4-Chloro-3-methylphenol	12.13	107	107952	19.283 ng/ul 99
34) 2-Methylnaphthalene	12.51	142	266010	20.159 ng/ul 100

Jo 08/08/19

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	173436	21.920	ng/ul#	98
37) Hexachlorocyclopentadiene	12.86	237	91214	18.260	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.12	196	108008	22.058	ng/ul	99
39) 2,4,5-Trichlorophenol	13.19	196	112780	20.649	ng/ul	100
40) 1,1'-Biphenyl	13.52	154	336701	20.925	ng/ul	99
41) 2-Chloronaphthalene	13.56	162	281144	21.699	ng/ul	98
42) 2-Nitroaniline	13.76	65	61781	18.228	ng/ul#	78
44) Dimethylphthalate	14.13	163	344970	20.244	ng/ul	97
45) 2,6-Dinitrotoluene	14.25	165	79144	21.352	ng/ul	94
47) Acenaphthylene	14.41	152	404673	20.451	ng/ul	99
48) 3-Nitroaniline	14.58	138	69060	23.363	ng/ul	95
49) Acenaphthene	14.75	153	286950	20.739	ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	38522	18.993	ng/ul	98
52) 4-Nitrophenol	14.88	109	40401	18.919	ng/ul	90
53) Dibenzofuran	15.08	168	427369	20.696	ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	110122	20.433	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.31	232	110669	21.381	ng/ul#	98
56) Diethylphthalate	15.50	149	332597	19.620	ng/ul	98
58) Fluorene	15.74	166	340373	20.464	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.73	204	200995	20.811	ng/ul	99
60) 4-Nitroaniline	15.74	138	72838	22.117	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.81	198	71763	20.440	ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	310444	20.601	ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	141402	21.029	ng/ul	94
66) Hexachlorobenzene	16.75	284	144856	21.449	ng/ul	94
67) Atrazine	16.89	200	125981	19.948	ng/ul	99
68) Pentachlorophenol	17.09	266	84450	22.959	ng/ul	96
69) Phenanthrene	17.48	178	557249m	20.040	ng/ul	JU 08/08/19
71) Anthracene	17.57	178	561225	19.900	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	175445	21.676	ng/uL	98
73) Pentachlorobenzene	15.01	250	177518	21.691	ng/uL	99
74) Carbazole	17.84	167	477985	20.461	ng/ul	100
75) Di-n-butylphthalate	18.40	149	561049	19.486	ng/ul	98
76) Fluoranthene	19.49	202	685190	21.327	ng/ul	97
79) Pyrene	19.86	202	672649	20.176	ng/ul	97
80) Butylbenzylphthalate	20.74	149	251618	19.175	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.61	252	241327	21.423	ng/ul	99
82) Benzo(a)anthracene	21.70	228	688969	20.049	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	354892	19.821	ng/ul	99
84) Chrysene	21.77	228	643880	20.075	ng/ul	99
86) Di-n-octyl phthalate	22.84	149	614782	21.619	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	732985	20.322	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	699118	20.159	ng/ul	100
90) Benzo(a)pyrene	24.83	252	696247	20.257	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	831514	20.742	ng/ul	97
92) Dibenzo(a,h)anthracene	28.78	278	677332	20.713	ng/ul	99
93) Benzo(g,h,i)perylene	29.88	276	687172	20.531	ng/ul	97

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