

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (QT Reviewed)

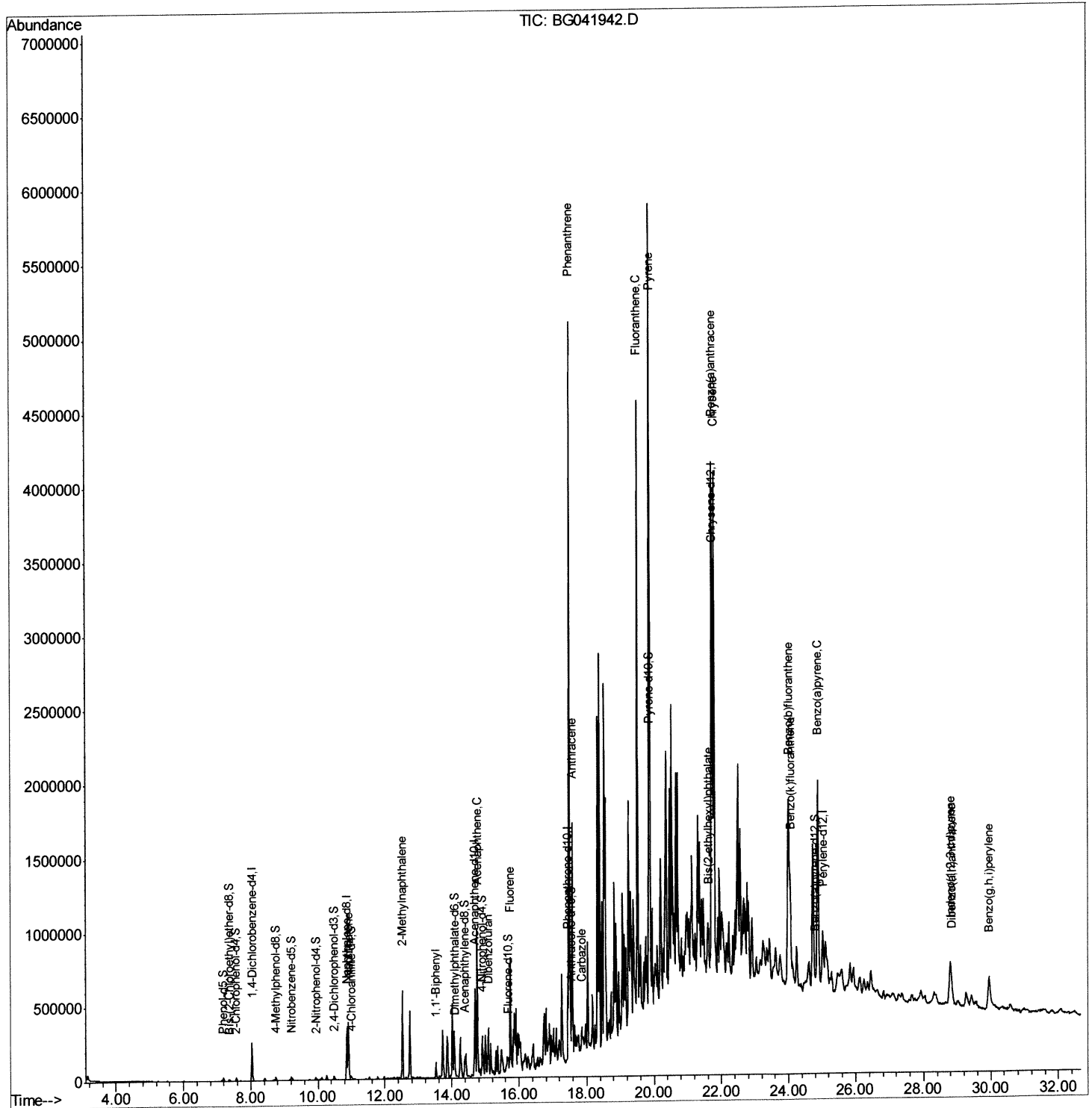
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 03:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

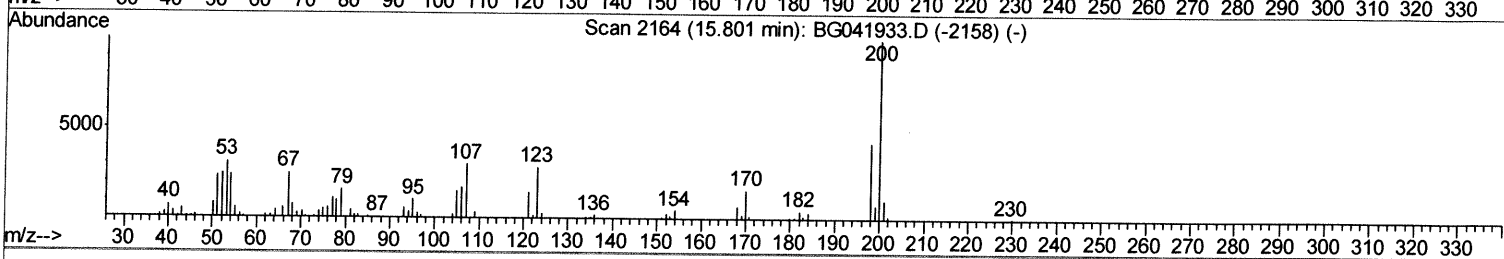
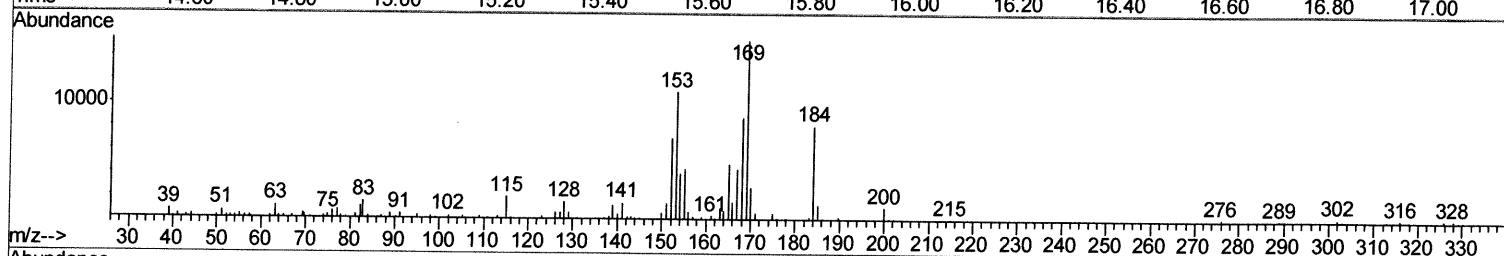
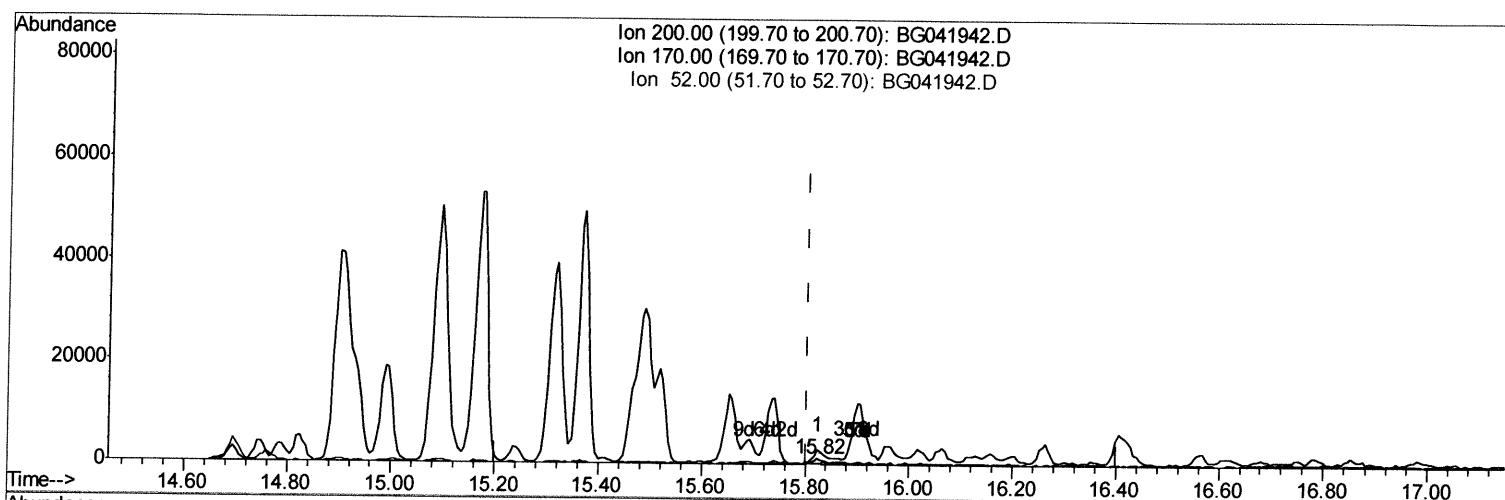
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 04:47:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



TIC: BG041942.D

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

15.823min (+0.022) 0.44ng/ul

response 1209

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	248.82#
52.00	31.40	26.99
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

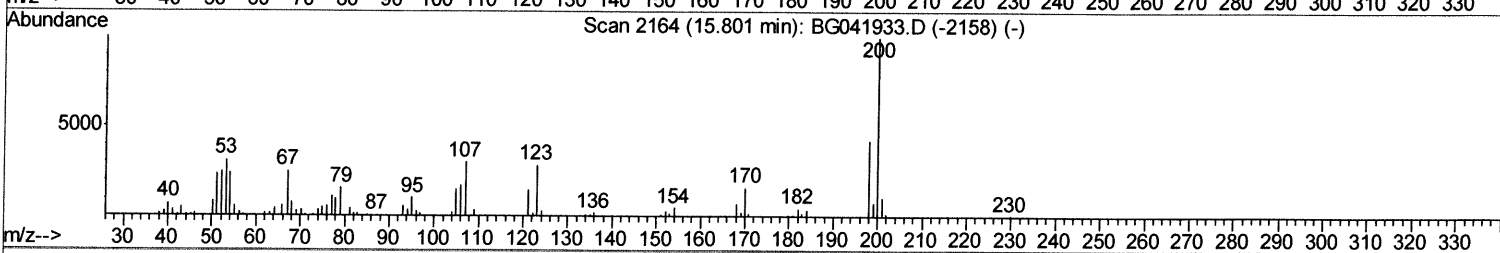
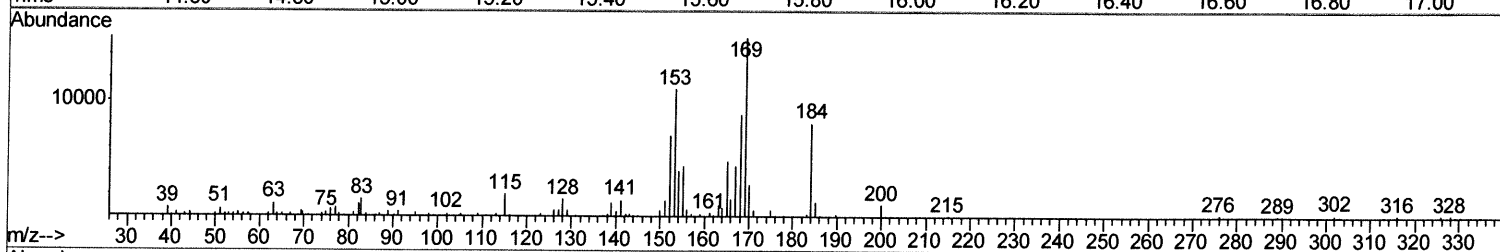
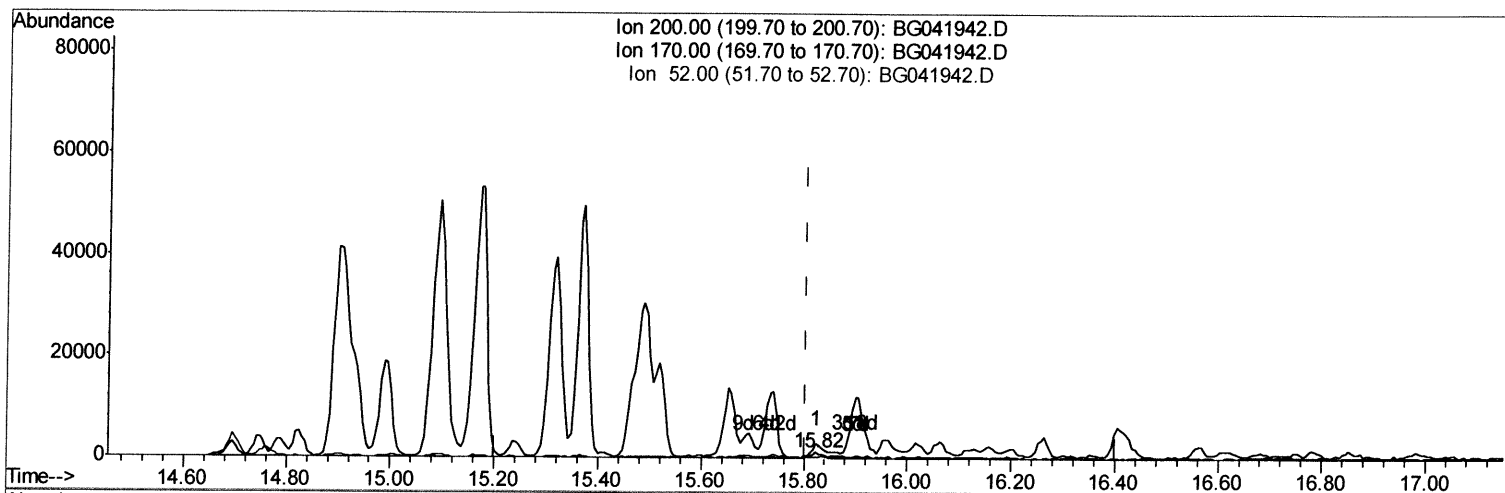
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 01:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



TIC: BG041942.D

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

15.823min (+0.022) 0.63ng/ul m

JU
08/05/19

response 1713

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	248.82#
52.00	31.40	26.99
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

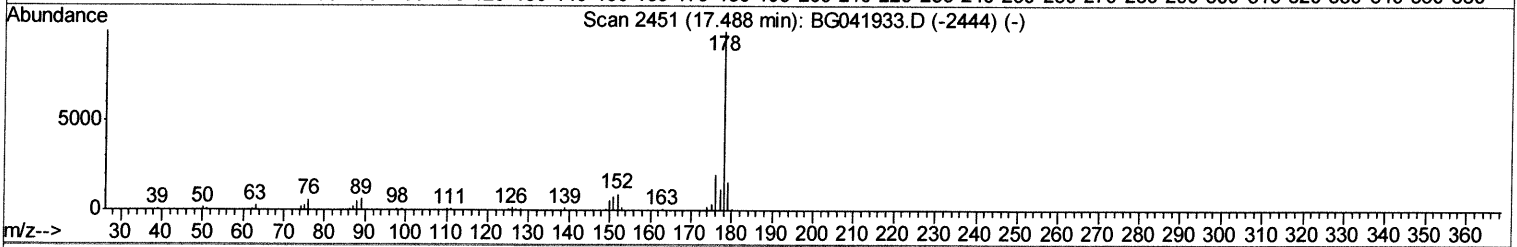
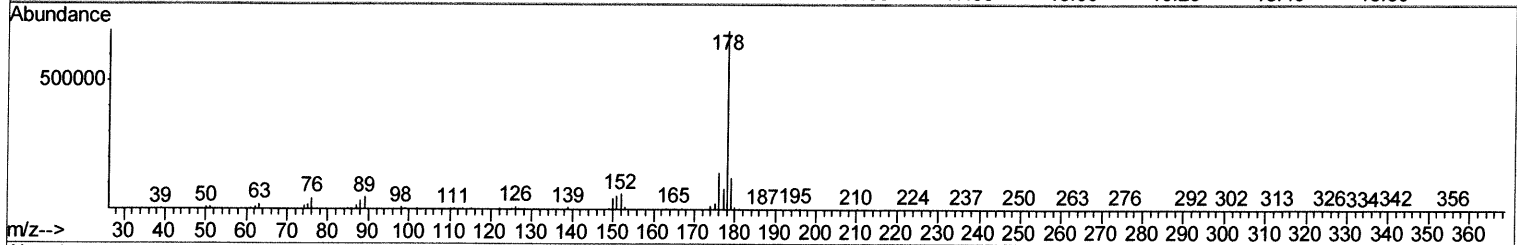
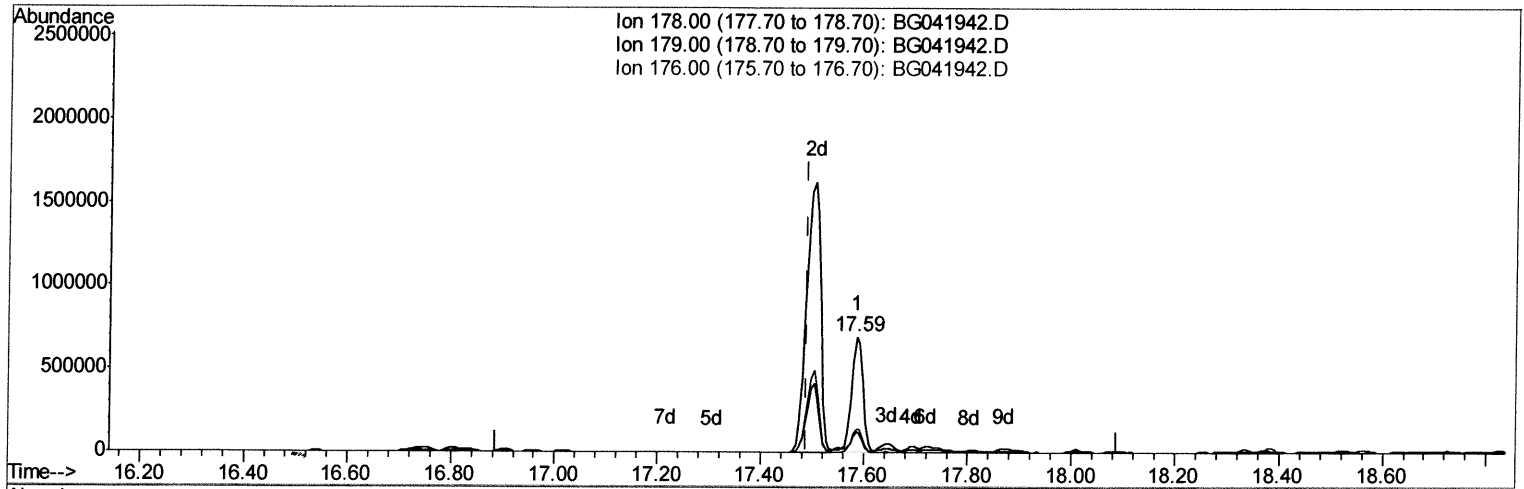
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 05 01:23:58 2019
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TIC: BG041942.D

(69) Phenanthrene

17.586min (+0.098) 45.63ng/ul

response 1065228

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.53
176.00	19.30	20.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

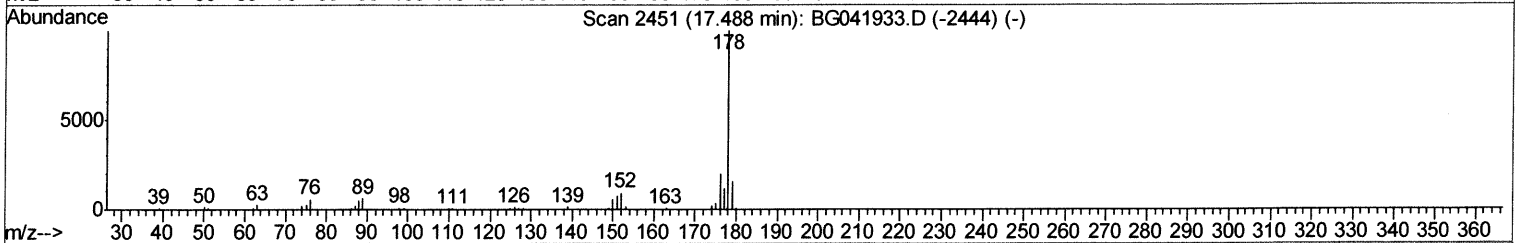
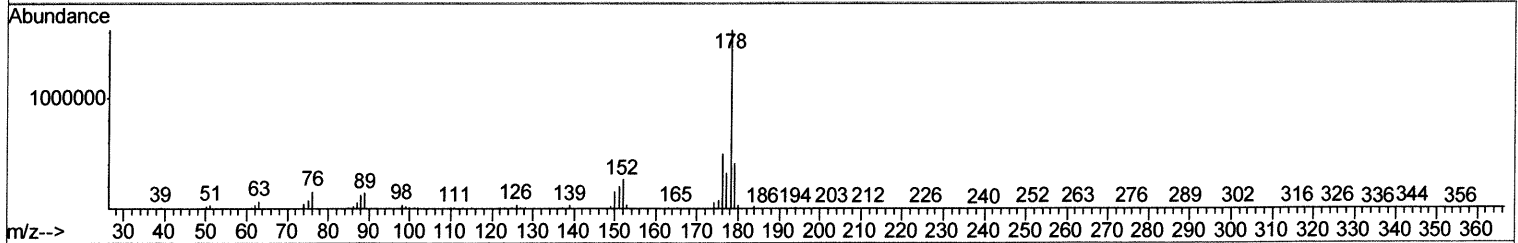
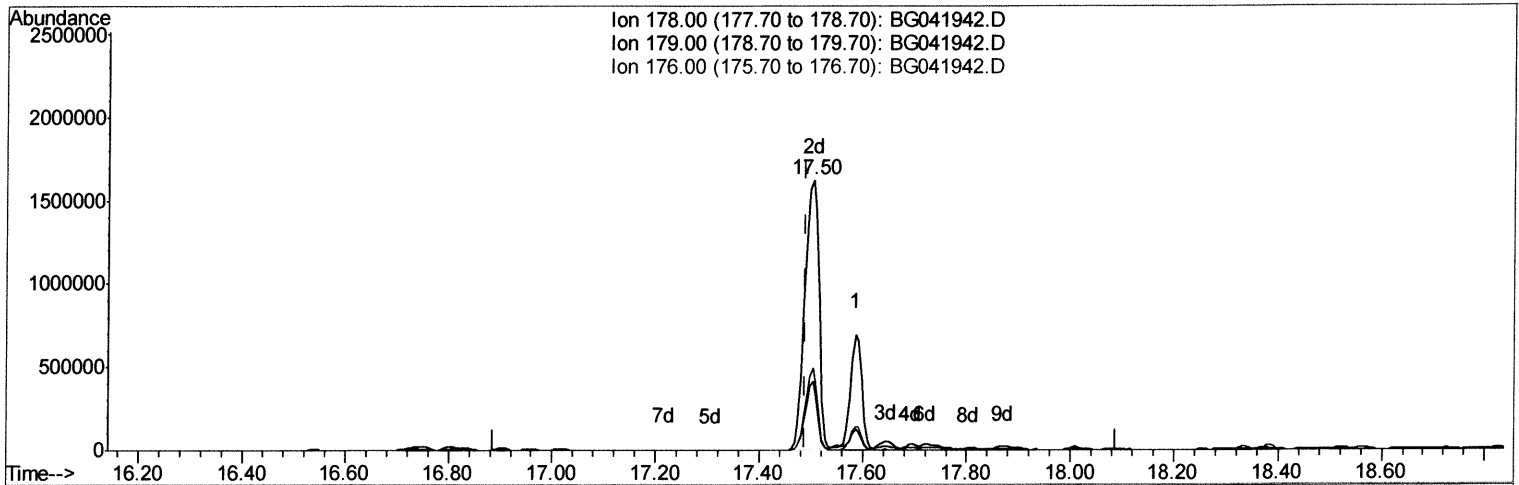
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 01:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



TIC: BG041942.D

(69) Phenanthrene

17.503min (+0.016) 132.74ng/ul m *Ju* 08/05/19

response 3098645

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	25.65#
176.00	19.30	30.53#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

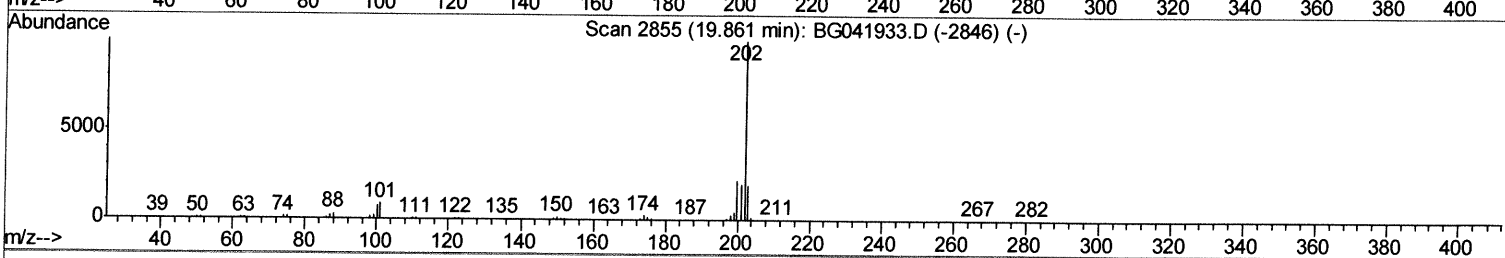
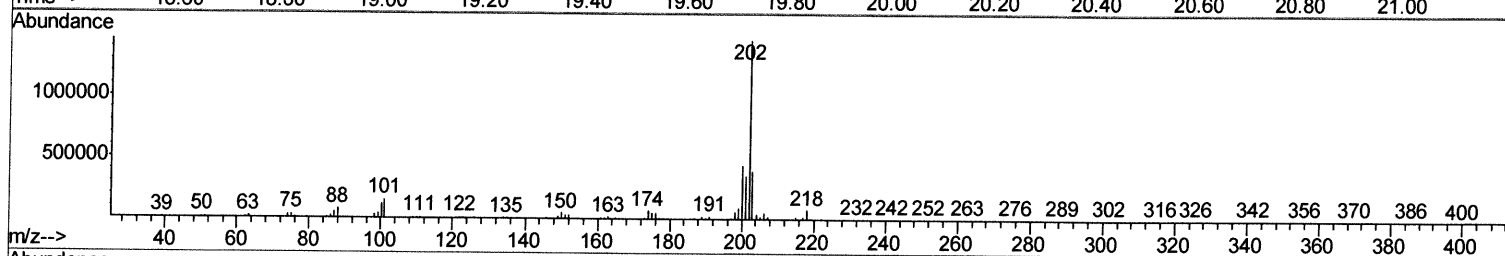
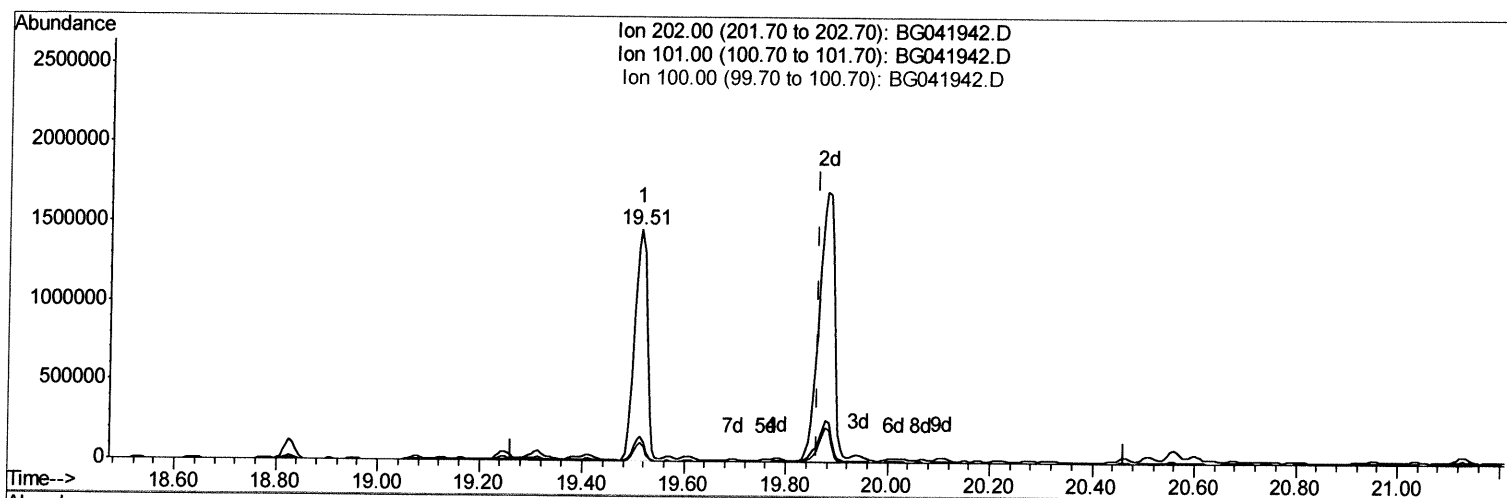
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
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mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 01:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



TIC: BG041942.D

(79) Pyrene

19.513min (-0.349) 85.35ng/ul

response 2473762

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	10.36
100.00	8.10	8.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

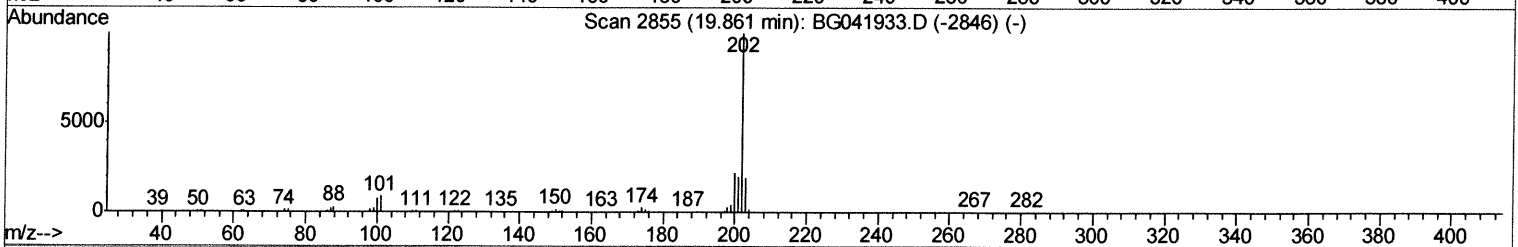
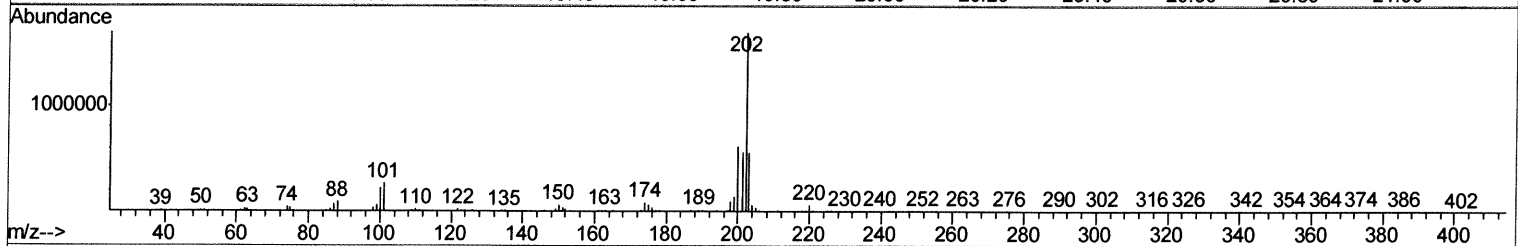
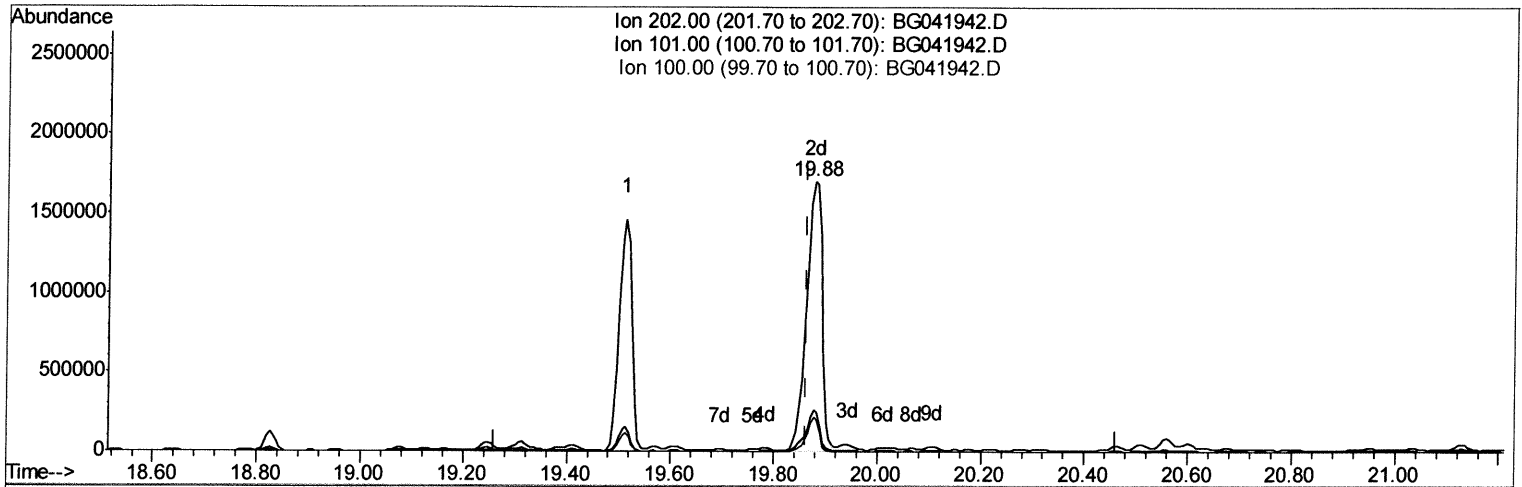
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
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mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 01:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



TIC: BG041942.D

(79) Pyrene

19.877min (+0.016) 122.97ng/ul m *JU* 08/05/19

response 3564041

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	15.58#
100.00	8.10	12.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

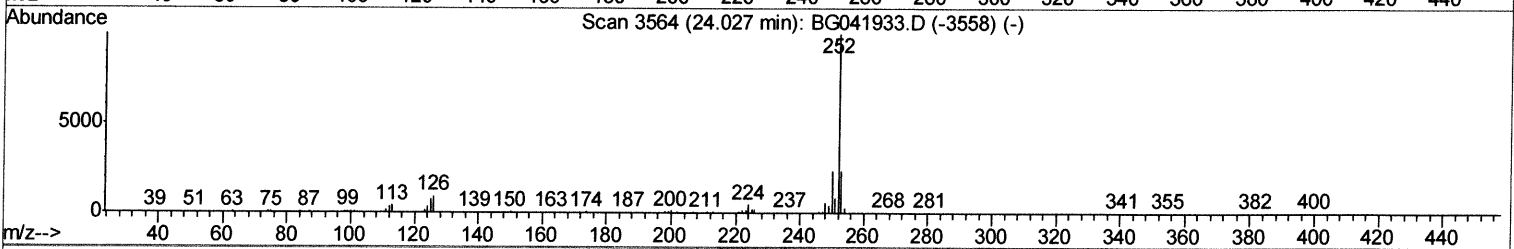
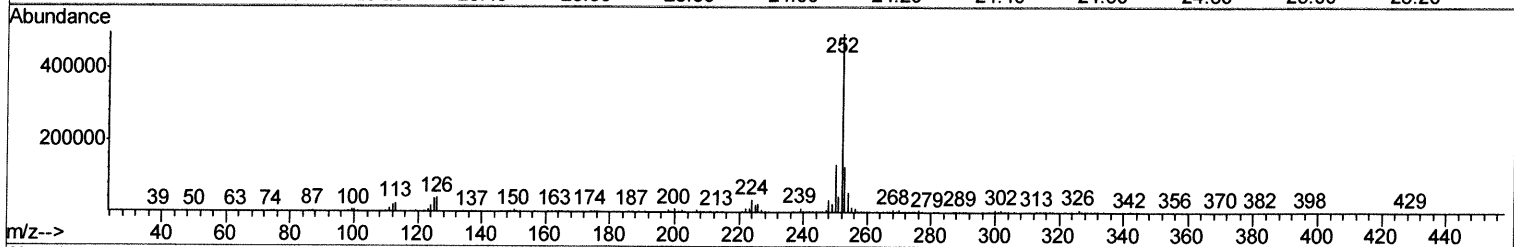
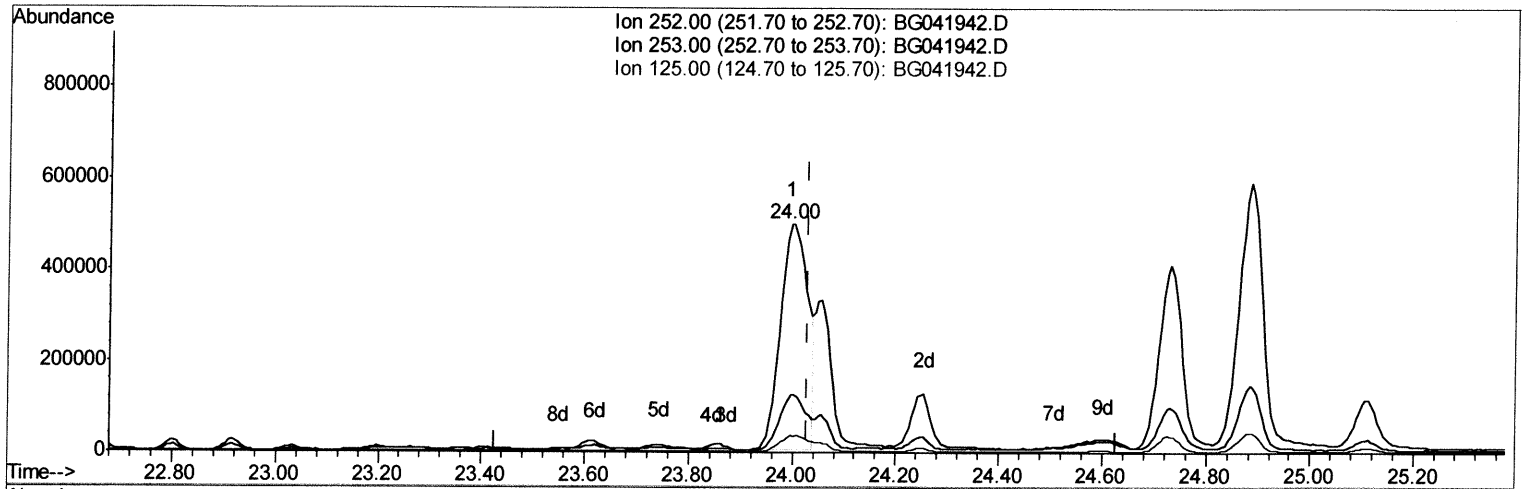
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
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TIC: BG041942.D

(88) Benzo(k)fluoranthene

23.996min (-0.031) 63.55ng/ul

response 1793167

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.12
125.00	6.90	7.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

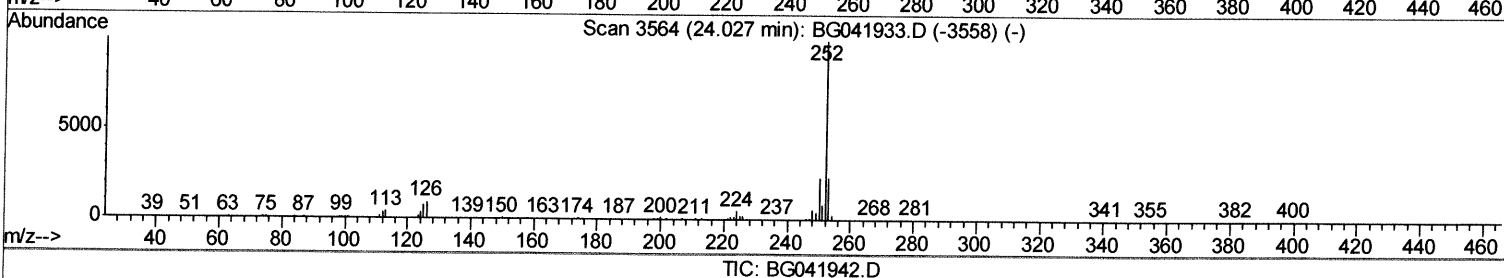
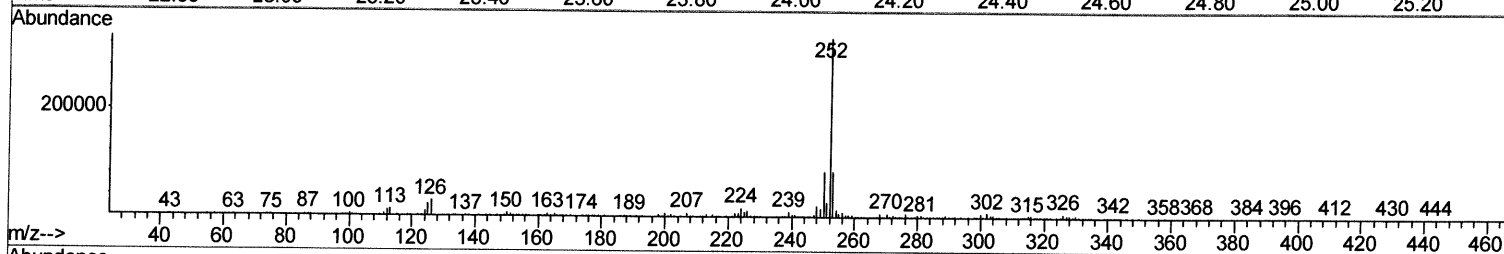
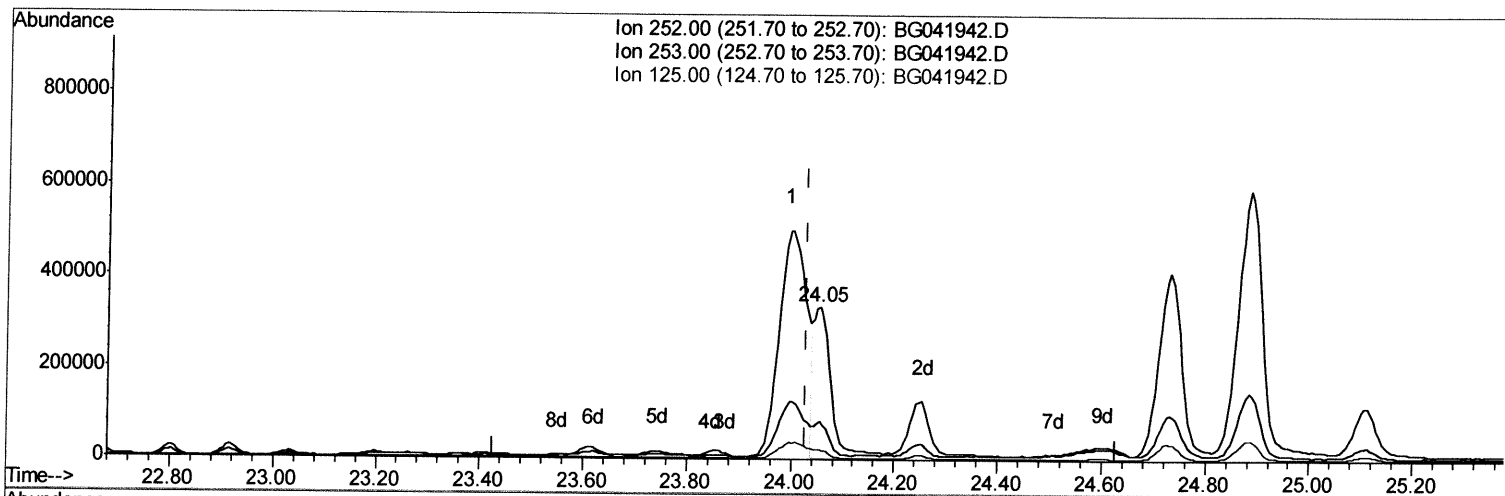
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 01:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

24.054min (+0.027) 25.93ng/ul m *JU 08/05/19*

response 731757

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.21
125.00	6.90	6.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

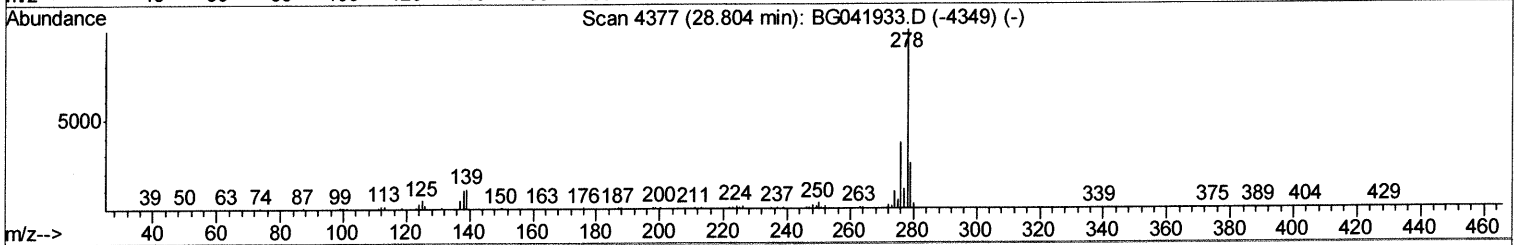
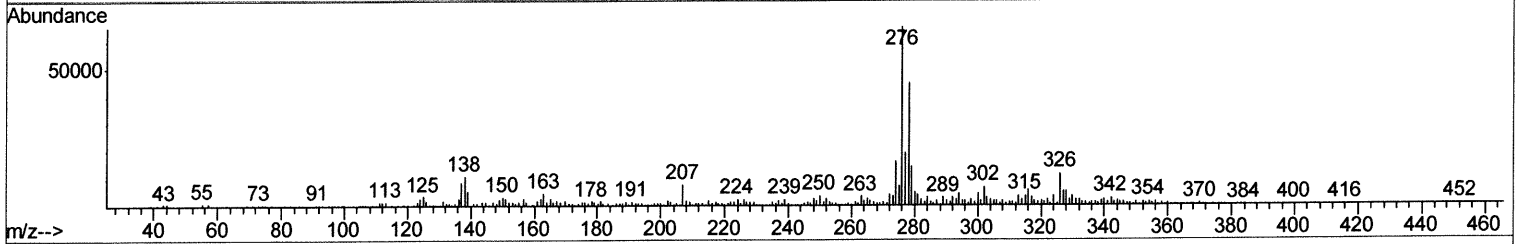
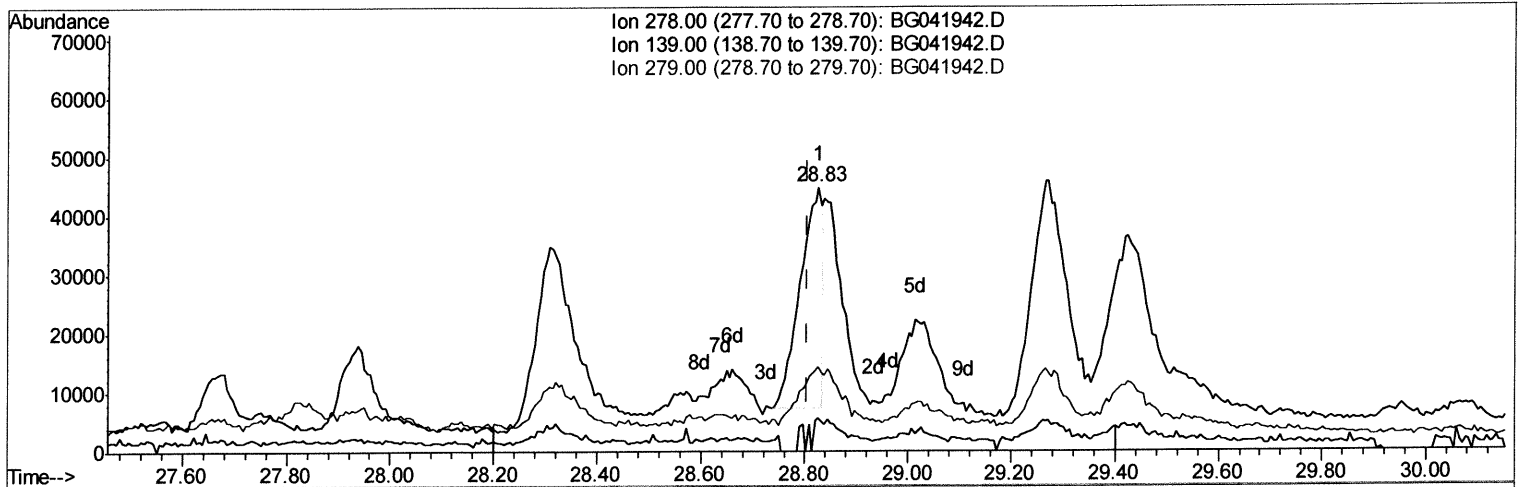
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 01:23:58 2019
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TIC: BG041942.D

(92) Dibenzo(a,h)anthracene

28.825min (+0.022) 4.07ng/ul

response 108202

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	12.40
279.00	24.00	31.93#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

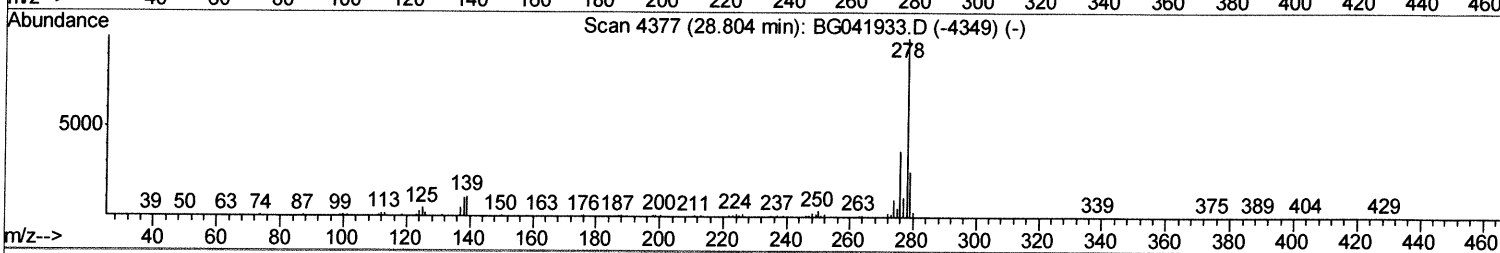
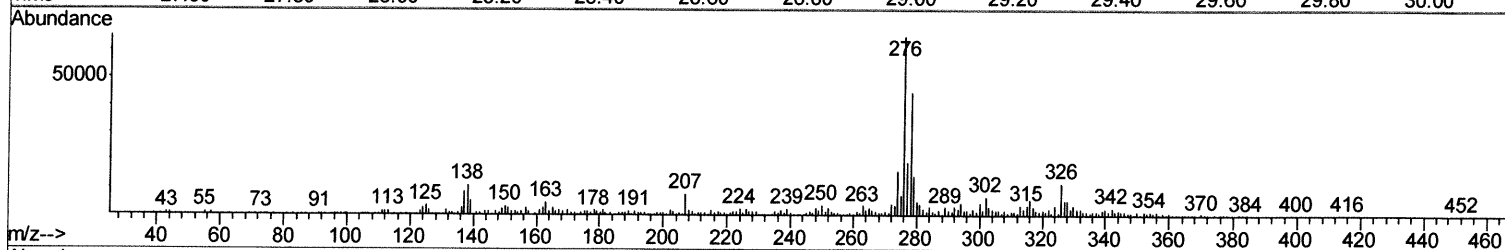
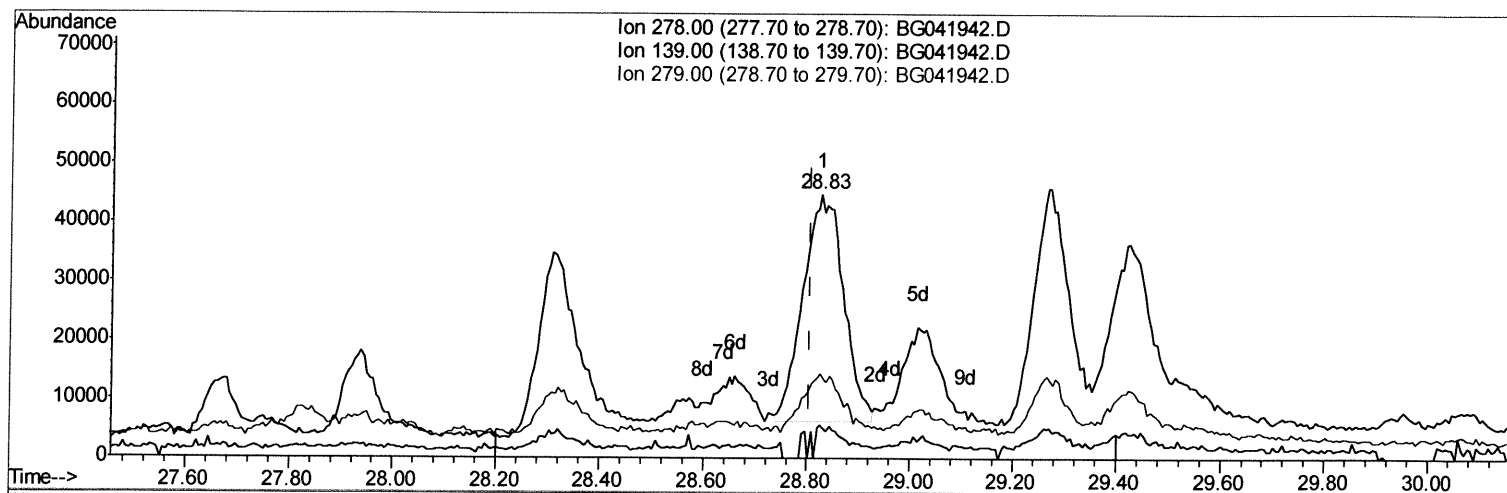
Data File : BG041942.D
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Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BG041942.D

(92) Dibenzo(a,h)anthracene

28.825min (+0.022) 7.91ng/ul m *JU* 08/05/19

response 210490

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	12.40
279.00	24.00	31.93#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (QT Reviewed)

Data File : BG041942.D
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	329074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	216382	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	426392	20.00	ng/ul	0.00
77) Chrysene-d12	21.75	240	430883	20.00	ng/ul	0.02
85) Perylene-d12	25.03	264	467662	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	403	0.21	ng/uL	0.00
5) Phenol-d5	7.19	99	14939	2.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	7676	2.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	12973	2.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	11405	2.08	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	6255	2.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7041	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	14118	2.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	20325	3.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	43533	2.59	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	55305	2.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	5223	1.85	ng/ul	0.03
57) Fluorene-d10	15.69	176	39572	2.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	1713m	0.63	ng/ul	0.02
70) Anthracene-d10	17.55	188	60151	2.94	ng/ul	0.00
78) Pyrene-d10	19.84	212	69267	2.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	63694	2.61	ng/ul	0.03

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Target Compounds

					Qvalue	
28) Naphthalene	10.91	128	327513	19.468	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	312548	23.374	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	49784	3.164	ng/ul	98
49) Acenaphthene	14.76	153	439292	32.470	ng/ul	98
53) Dibenzofuran	15.09	168	73279	3.629	ng/ul	90
58) Fluorene	15.75	166	353165	21.715	ng/ul	98
69) Phenanthrene	17.50	178	3098645m	132.744	ng/ul	98
71) Anthracene	17.59	178	1065228	44.993	ng/ul	98
74) Carbazole	17.85	167	74770	3.813	ng/ul#	91
76) Fluoranthene	19.51	202	2473762	91.720	ng/ul#	95
79) Pyrene	19.88	202	3564041m	122.967	ng/ul	95
82) Benzo(a)anthracene	21.73	228	2411555	80.721	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.63	149	101326	6.510	ng/ul	97
84) Chrysene	21.80	228	2375196	85.182	ng/ul#	87
87) Benzo(b)fluoranthene	24.00	252	1793167	61.100	ng/ul	97
88) Benzo(k)fluoranthene	24.05	252	731757m	25.932	ng/ul	96
90) Benzo(a)pyrene	24.88	252	1782271	63.729	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	28.79	276	534185	16.376	ng/ul	94
92) Dibenzo(a,h)anthracene	28.83	278	210490m	7.911	ng/ul	94
93) Benzo(g,h,i)perylene	29.95	276	509621	18.713	ng/ul	98

JU
08/05/19

JU
08/05/19

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