

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

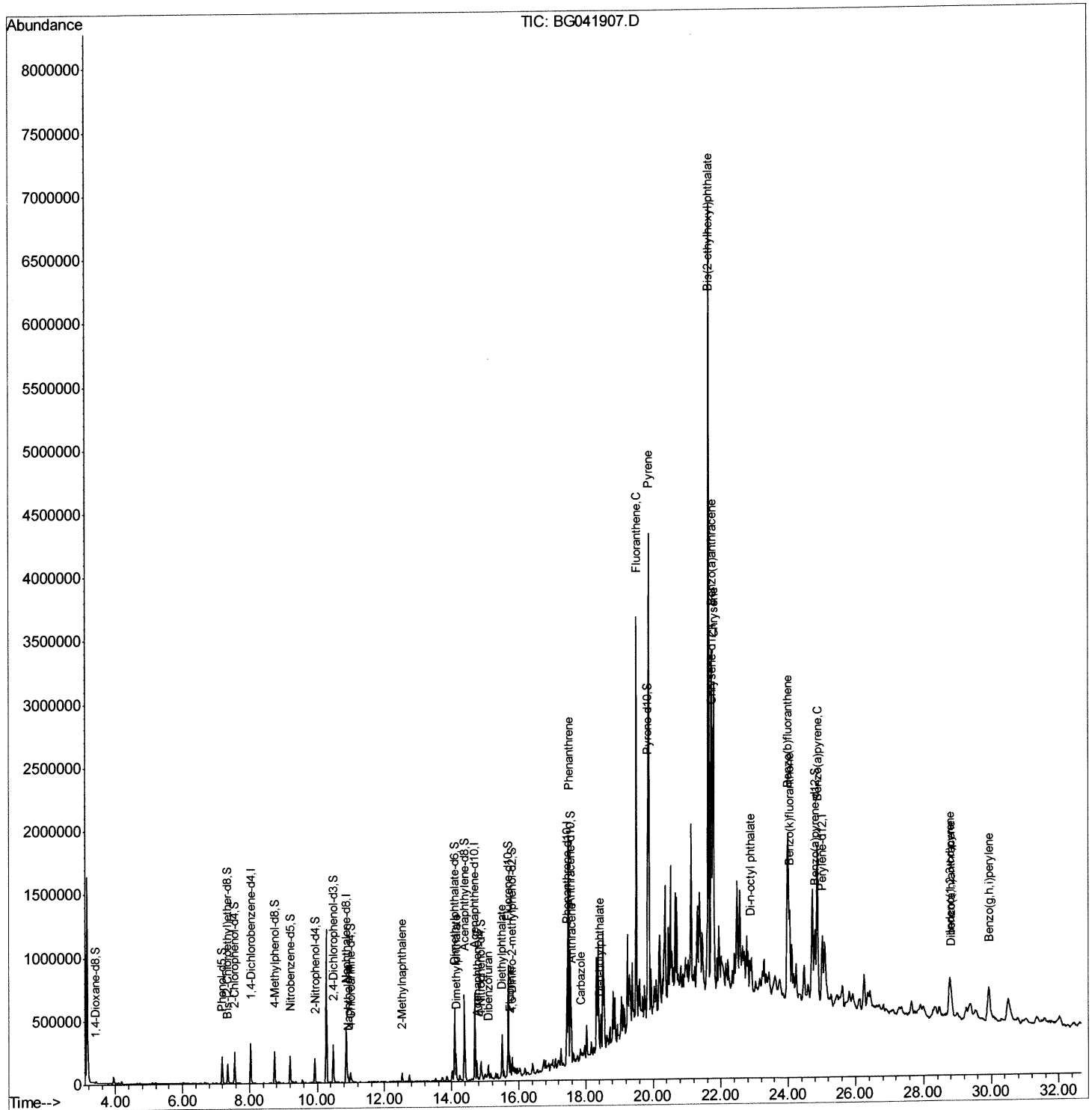
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 01:34:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



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

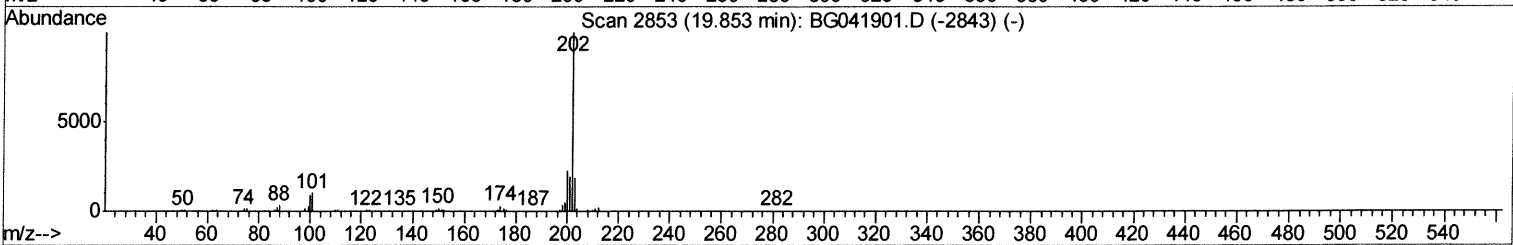
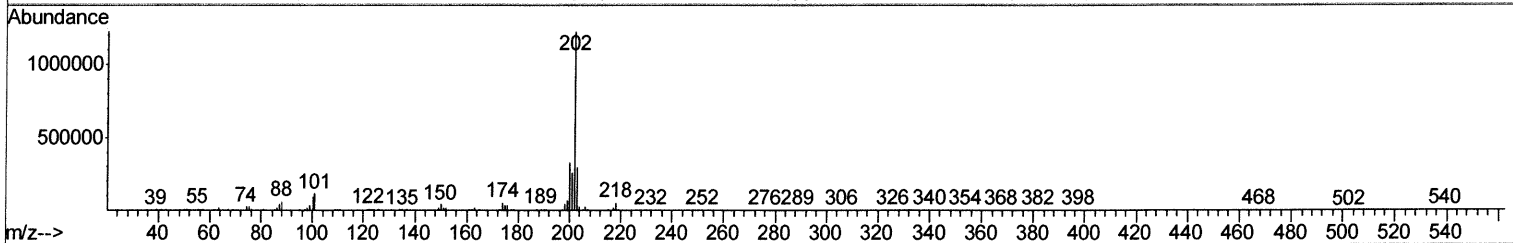
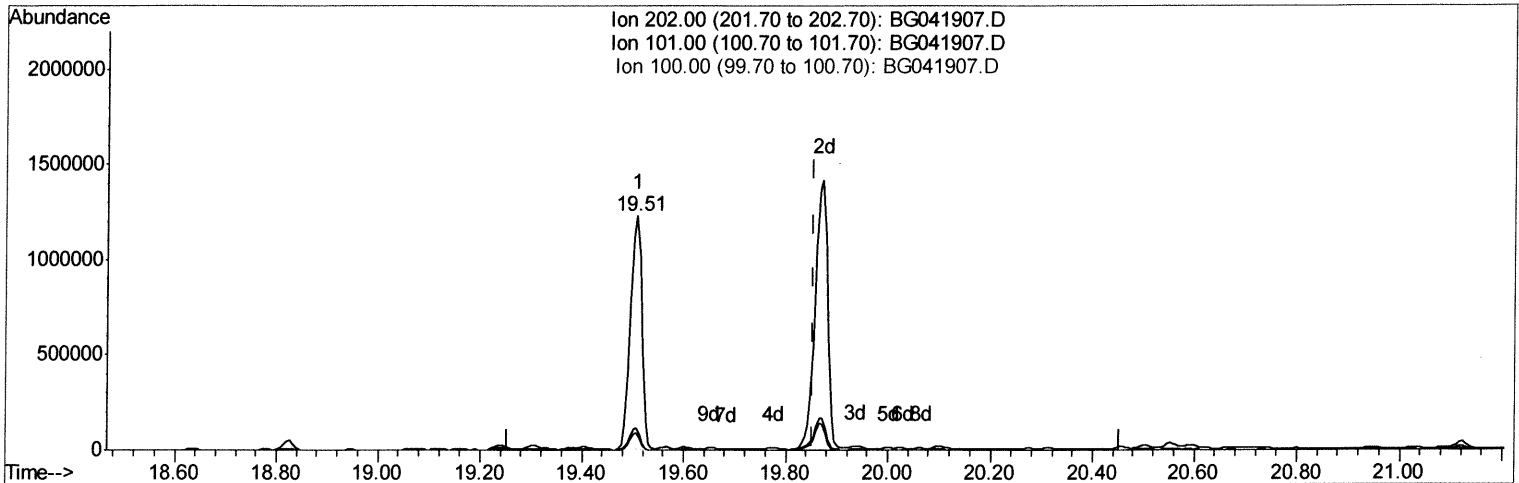
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 00:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041907.D

(79) Pyrene

19.507min (-0.346) 52.14ng/ul

response 1900642

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	9.51
100.00	8.10	7.40
0.00	0.00	0.00

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

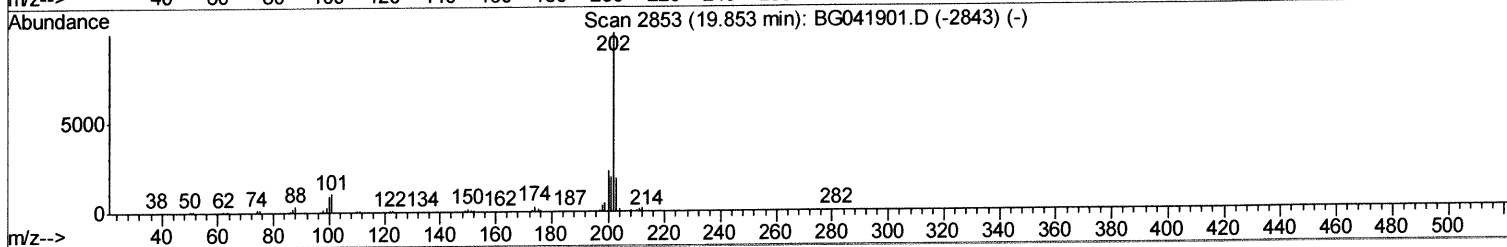
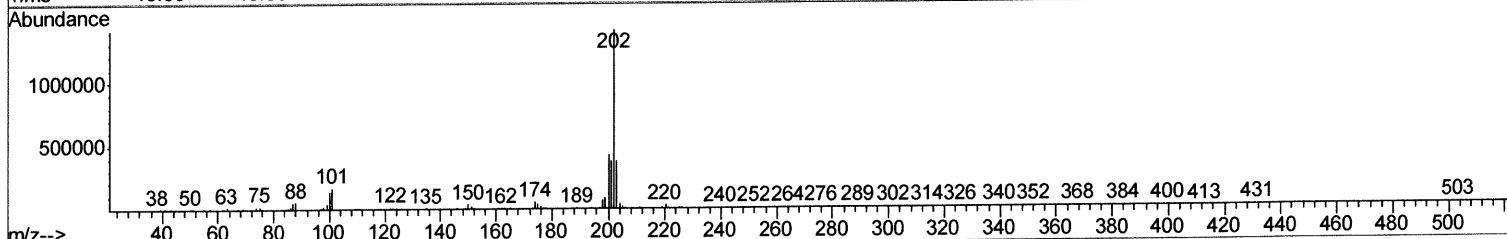
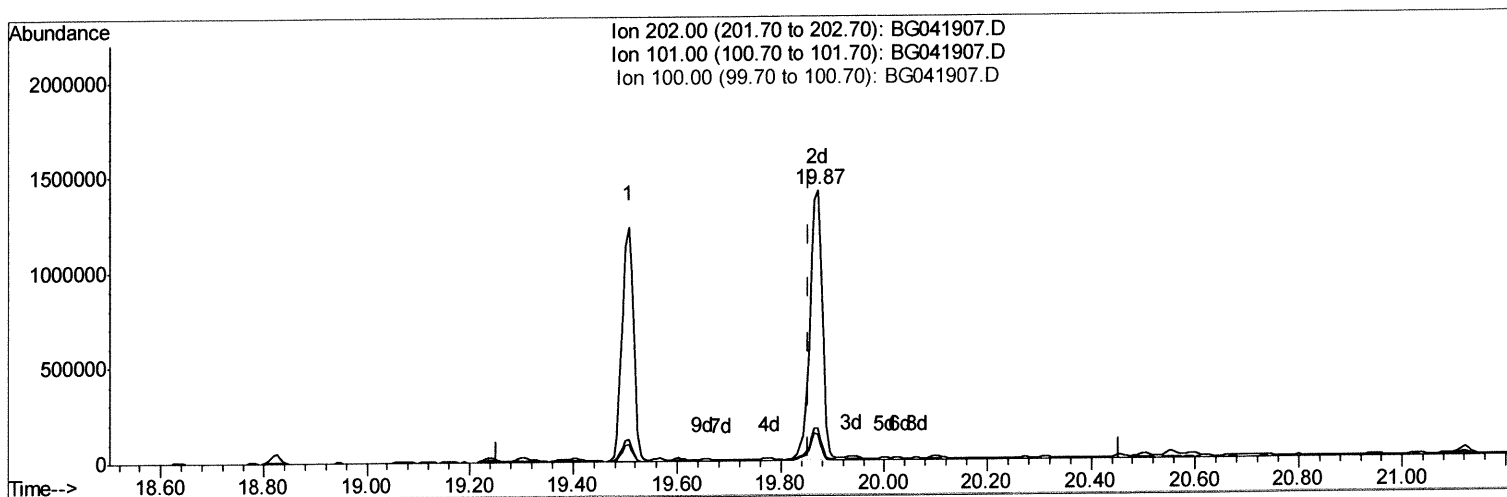
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 00:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041907.D

(79) Pyrene

19.871min (+0.018) 66.55ng/ul m 08/05/19

response 2425995

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	11.87#
100.00	8.10	9.73#
0.00	0.00	0.00

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

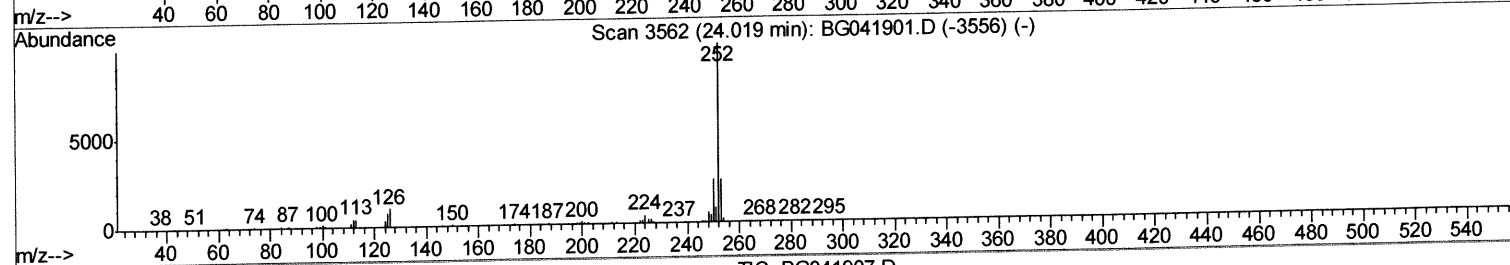
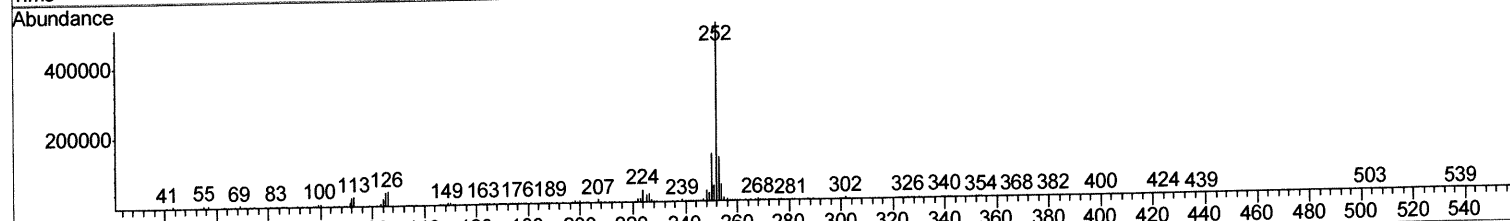
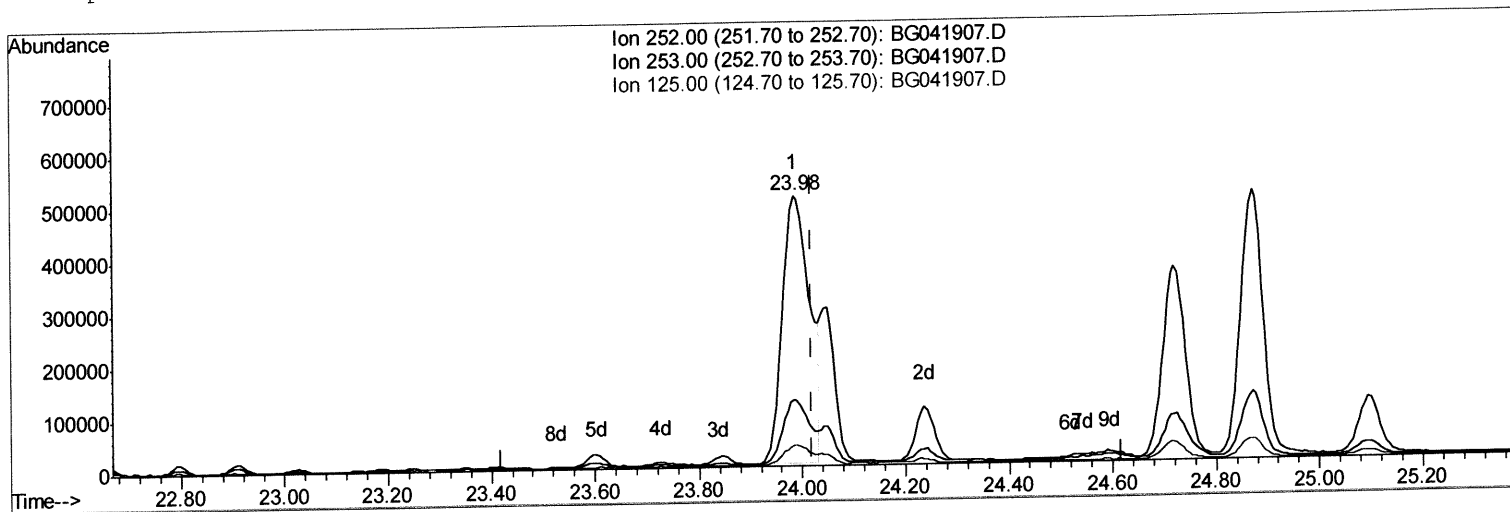
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 00:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041907.D

(88) Benzo(k)fluoranthene
23.984min (-0.035) 50.08ng/ul
response 1878213
Ion Exp% Act%
252.00 100 100
253.00 22.90 24.47
125.00 6.90 7.54
0.00 0.00 0.00

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

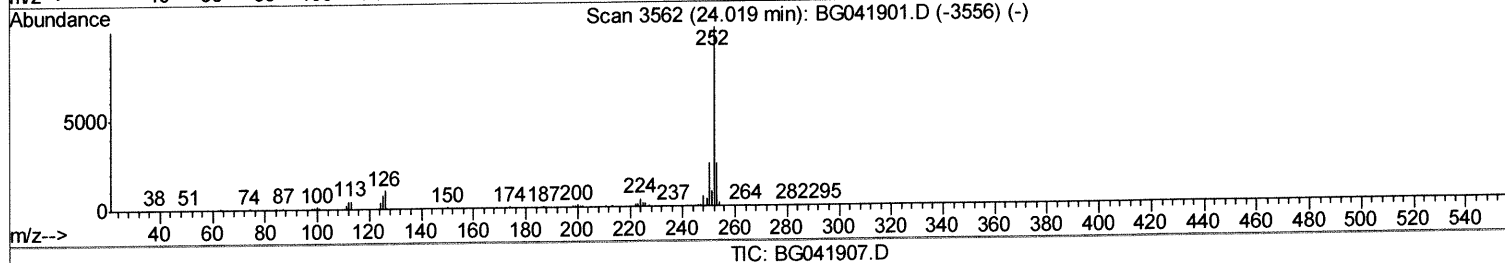
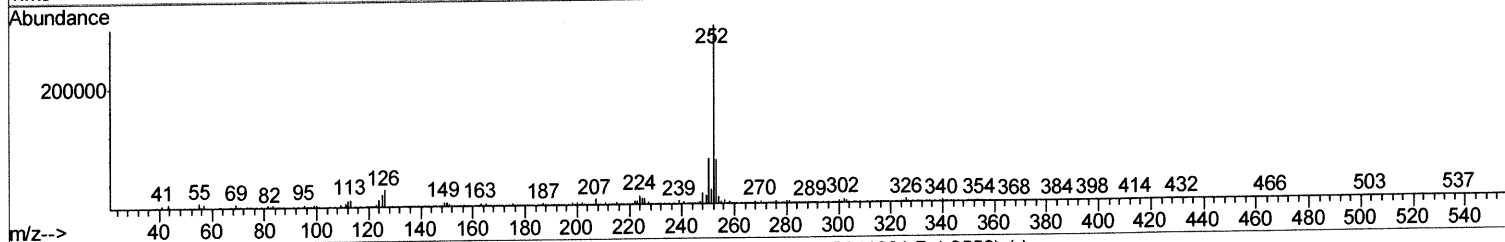
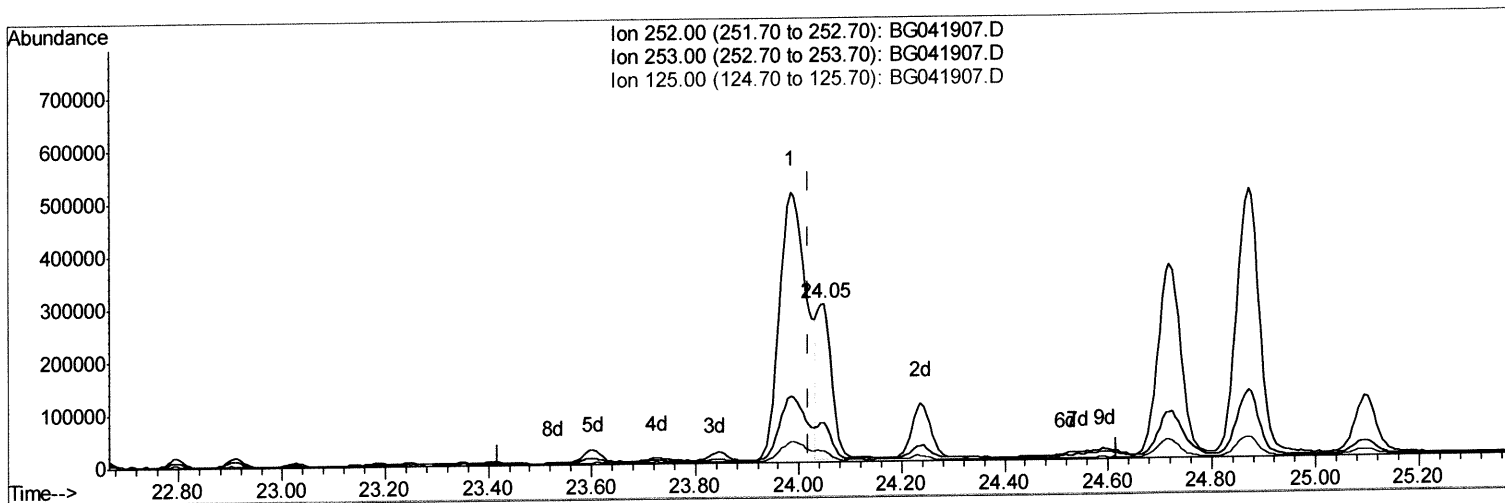
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 00:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

24.049min (+0.030) 15.60ng/ul m 08/05/19

response 585139

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.06
125.00	6.90	6.77
0.00	0.00	0.00

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

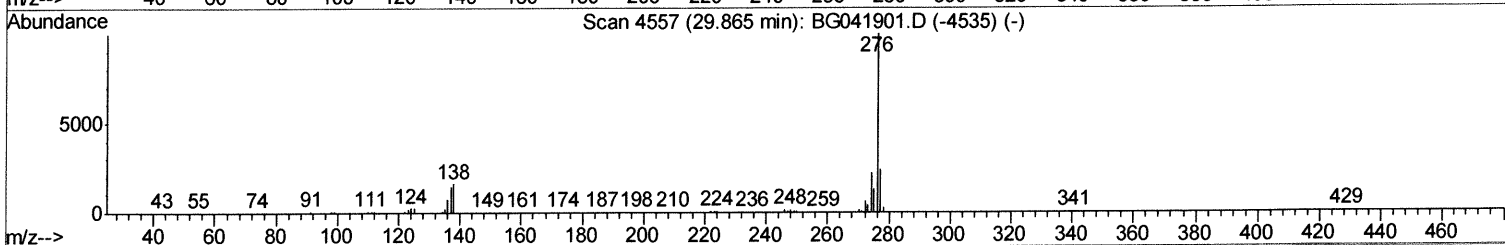
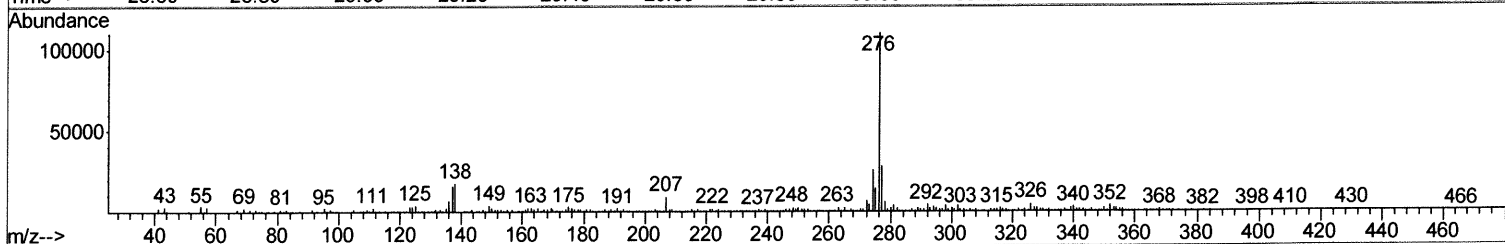
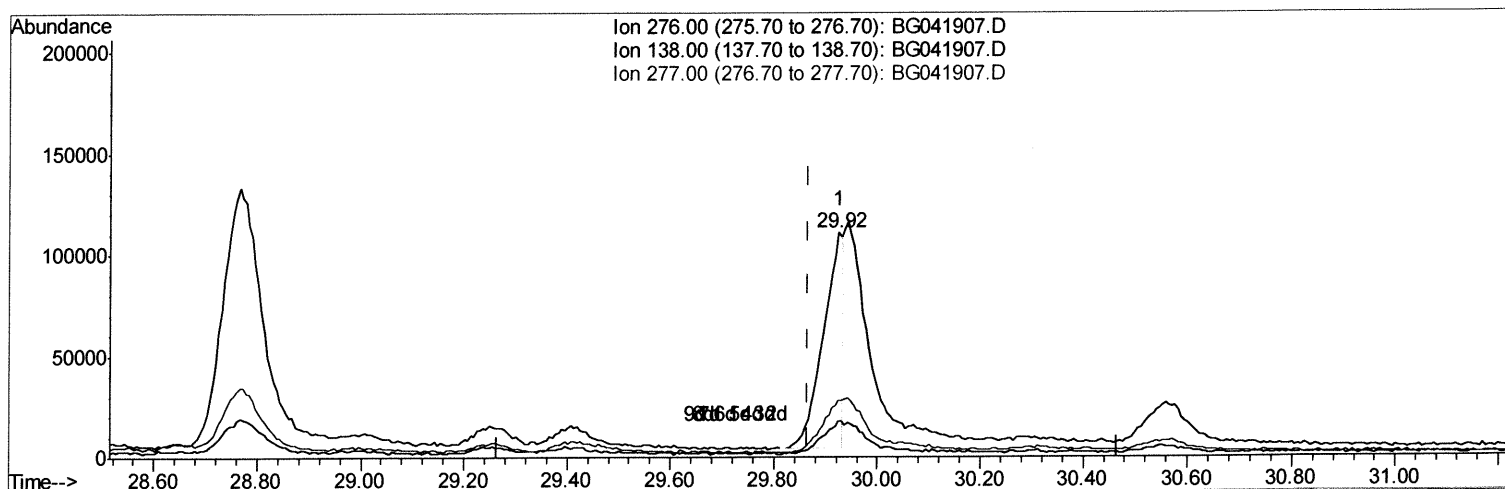
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 00:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041907.D

(93) Benzo(g,h,i)perylene

29.924min (+0.059) 7.49ng/ul

response 271237

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	15.91
277.00	24.00	25.15
0.00	0.00	0.00

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

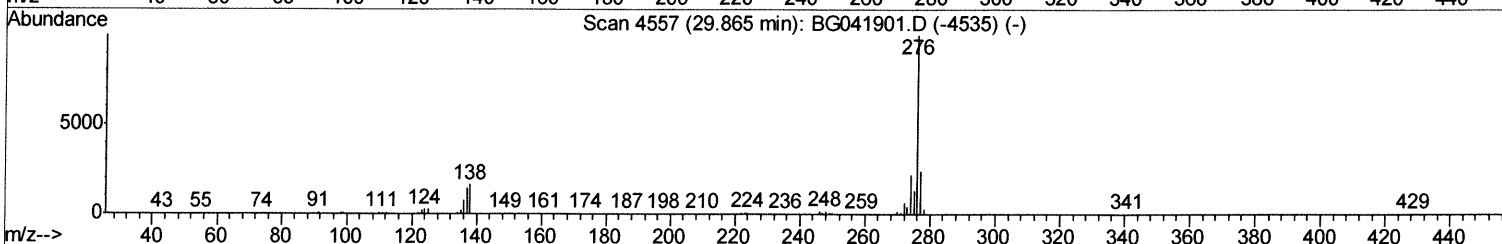
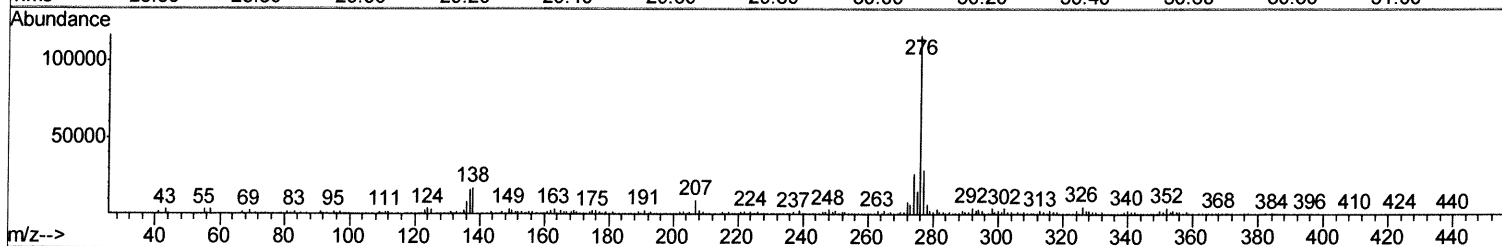
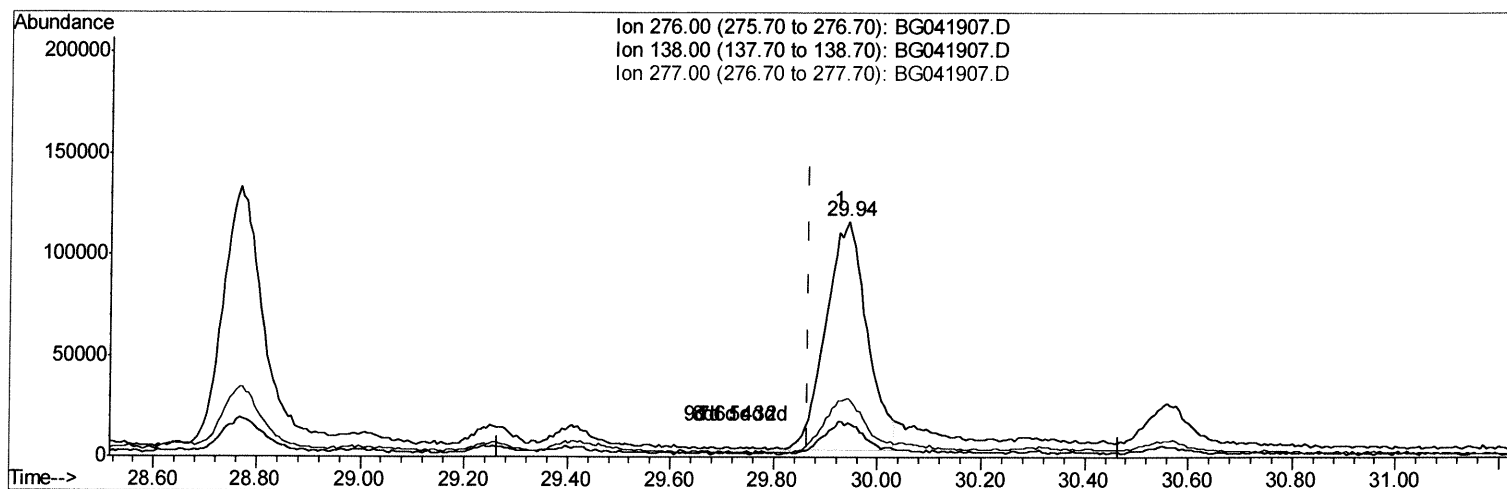
Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 00:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041907.D

(93) Benzo(g,h,i)perylene

29.942min (+0.077) 17.03ng/ul m

JU
08/05/19

response 616365

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	14.53
277.00	24.00	24.99
0.00	0.00	0.00

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

Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM

Quant Time: Aug 04 01:34:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	99596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	399800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	267040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	530133	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	541921	20.00	ng/ul	0.02
85) Perylene-d12	25.02	264	621506	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5358	2.35	ng/uL	0.00
5) Phenol-d5	7.18	99	131049	16.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	78867	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	125286	18.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	105379	16.06	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	62715	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	77289	22.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	138658	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	57188	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	427876	20.66	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	500903	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	47186	13.57	ng/ul	0.00
57) Fluorene-d10	15.69	176	375379	20.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	43740	12.86	ng/ul	0.01
70) Anthracene-d10	17.54	188	549990	21.62	ng/ul	0.00
78) Pyrene-d10	19.84	212	624072	20.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	696020	21.44	ng/ul	0.04

Target Compounds

					Qvalue
28) Naphthalene	10.91	128	48206	2.359 ng/ul	100
34) 2-Methylnaphthalene	12.52	142	35459	2.183 ng/ul	98
44) Dimethylphthalate	14.14	163	153394	7.459 ng/ul	99
49) Acenaphthene	14.76	153	68634	4.111 ng/ul	99
53) Dibenzofuran	15.09	168	39291	1.577 ng/ul	94
56) Diethylphthalate	15.51	149	185928	9.089 ng/ul	99
58) Fluorene	15.74	166	76335	3.803 ng/ul	97
69) Phenanthrene	17.49	178	1176784	40.548 ng/ul	96
71) Anthracene	17.58	178	307117	10.434 ng/ul	99
74) Carbazole	17.84	167	54719	2.244 ng/ul	95
75) Di-n-butylphthalate	18.41	149	60929	2.027 ng/ul	98
76) Fluoranthene	19.51	202	1900642	56.680 ng/ul	97
79) Pyrene	19.87	202	2425995m >	66.552 ng/ul	97
82) Benzo(a)anthracene	21.72	228	1674316	44.560 ng/ul	92
83) Bis(2-ethylhexyl)phthalate	21.63	149	2621128	133.889 ng/ul#	81
84) Chrysene	21.79	228	1810513	51.626 ng/ul#	92
86) Di-n-octyl phthalate	22.86	149	236671	7.697 ng/ul	100
87) Benzo(b)fluoranthene	23.98	252	1878213	48.156 ng/ul	98
88) Benzo(k)fluoranthene	24.05	252	585139m >	15.603 ng/ul	98
90) Benzo(a)pyrene	24.87	252	1473256	39.639 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.77	276	667556	15.399 ng/ul	97
92) Dibenzo(a,h)anthracene	28.81	278	202551	5.728 ng/ul	92
93) Benzo(g,h,i)perylene	29.94	276	616365m >	17.030 ng/ul	92

JU 08/05/19

JU 08/05/19

JU 08/05/19

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

Data File : BG041907.D
Acq On : 3 Aug 2019 13:21
Operator : HP/JU
Sample : K3850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 04 01:34:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_G
ClientSampleId :
BENP5

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:54 PM