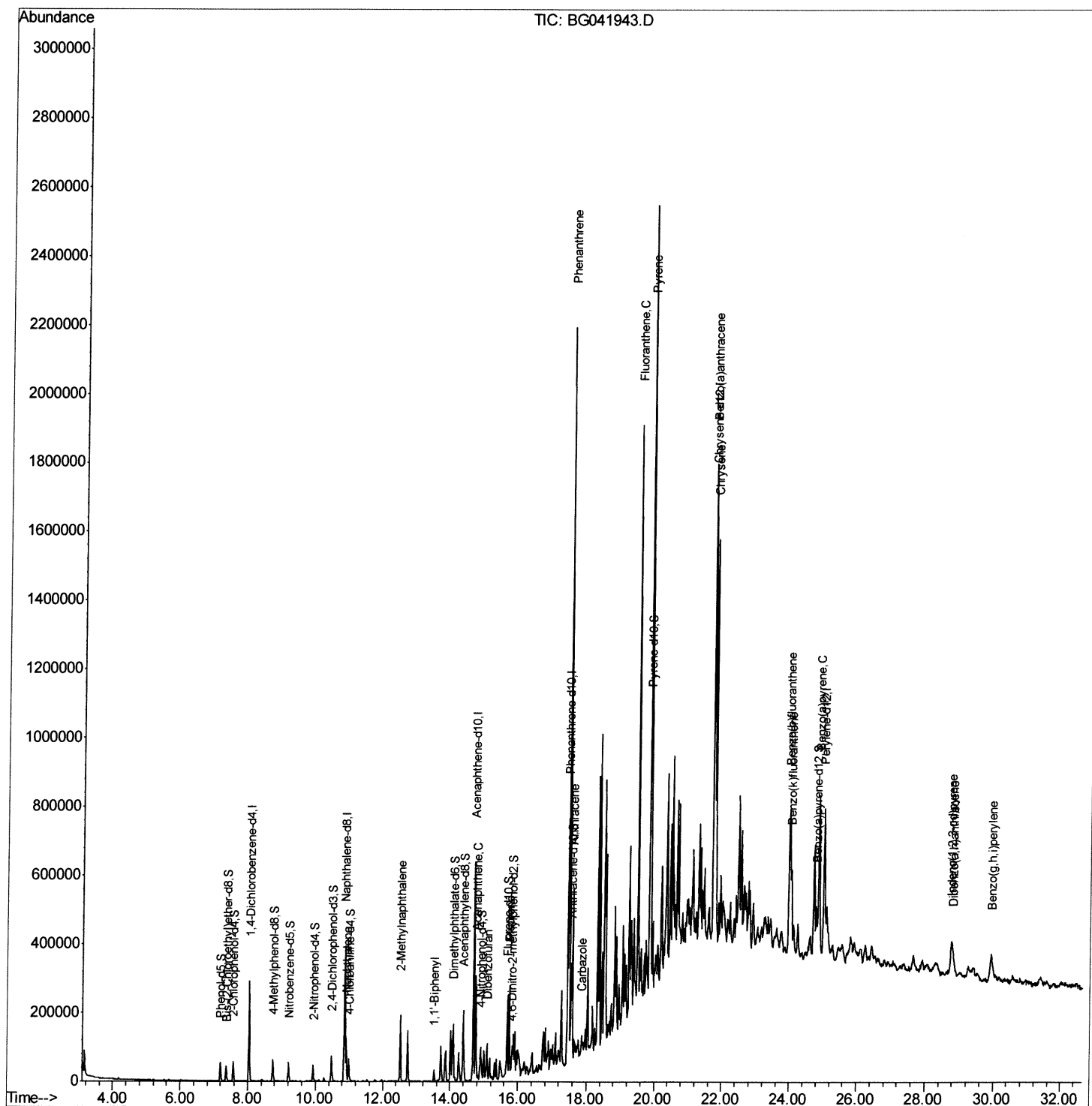


Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

mohammad
8/6/2019 12:18:43 PM

Quant Time: Aug 05 03:51:33 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)

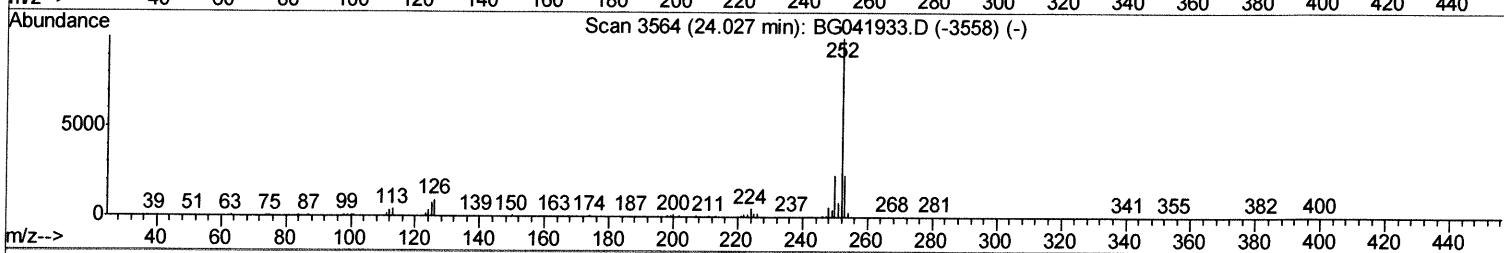
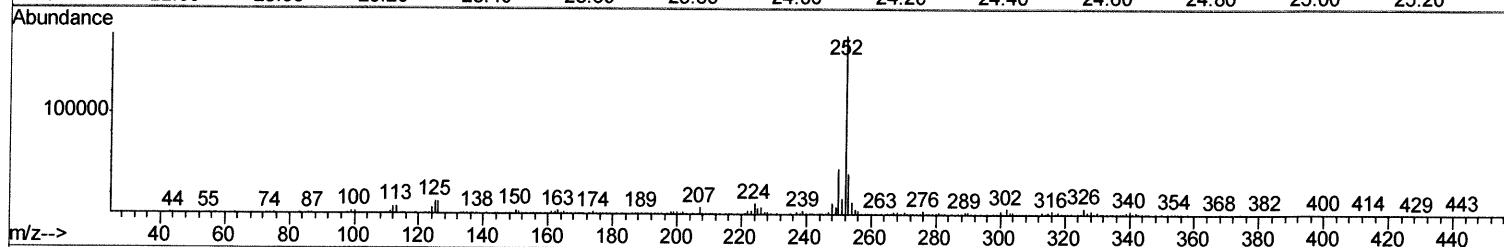
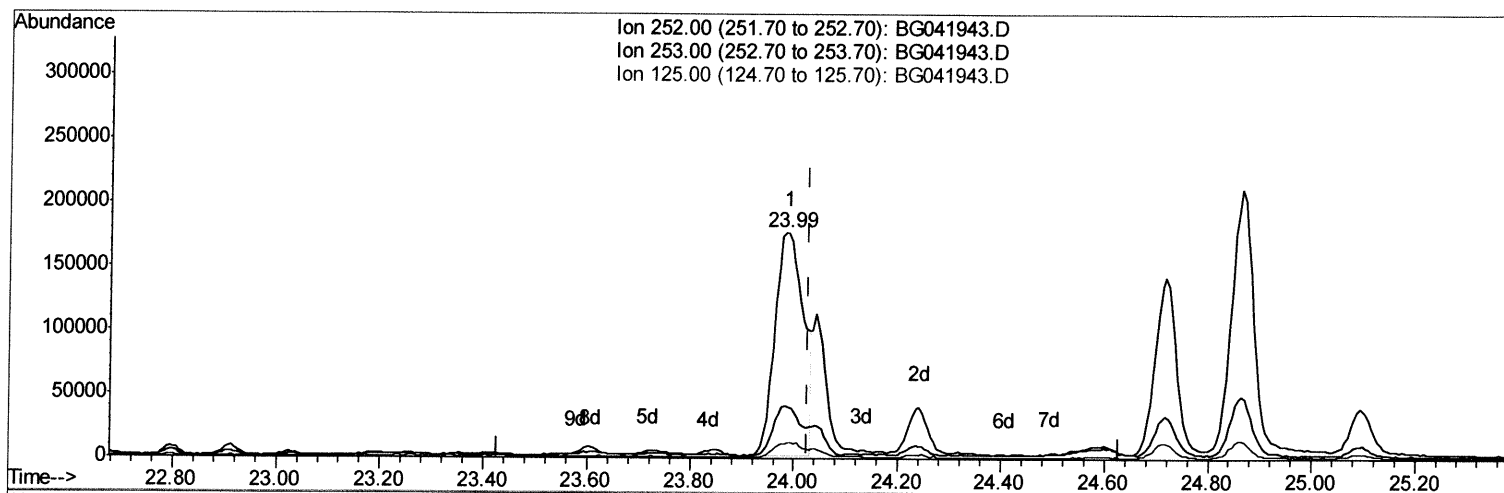
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ1DL

Manual Integrations
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Quant Time: Aug 05 01:24:13 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: BG041943.D

(88) Benzo(k)fluoranthene

23.988min (-0.039) 20.91ng/ul

response 655287

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.82
125.00	6.90	7.24
0.00	0.00	0.00

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

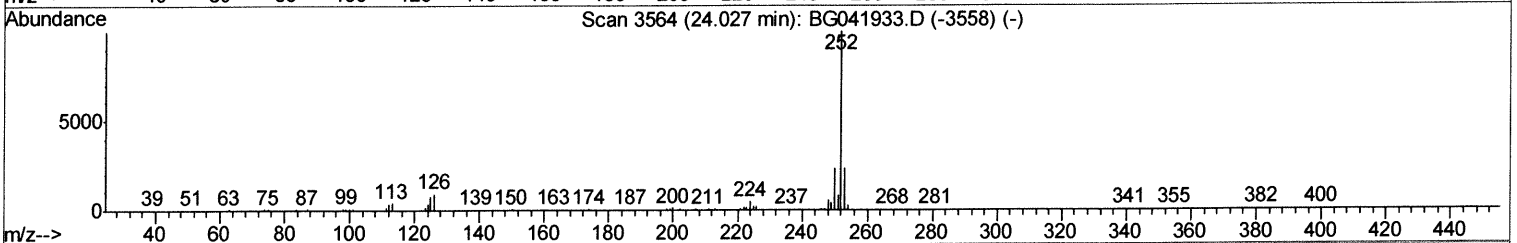
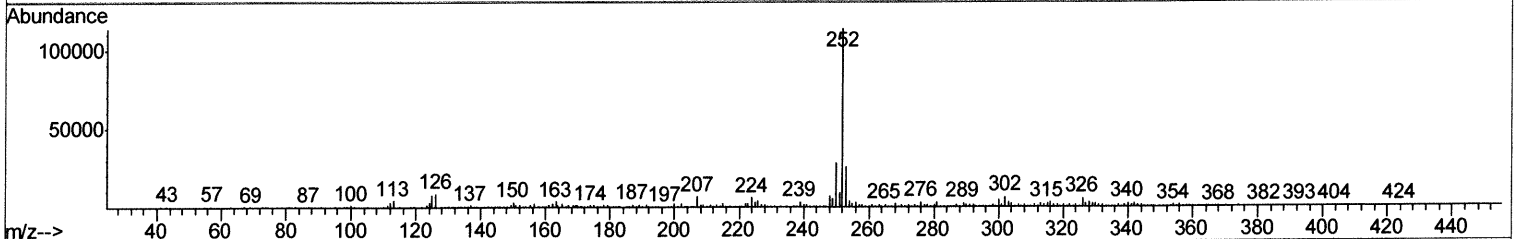
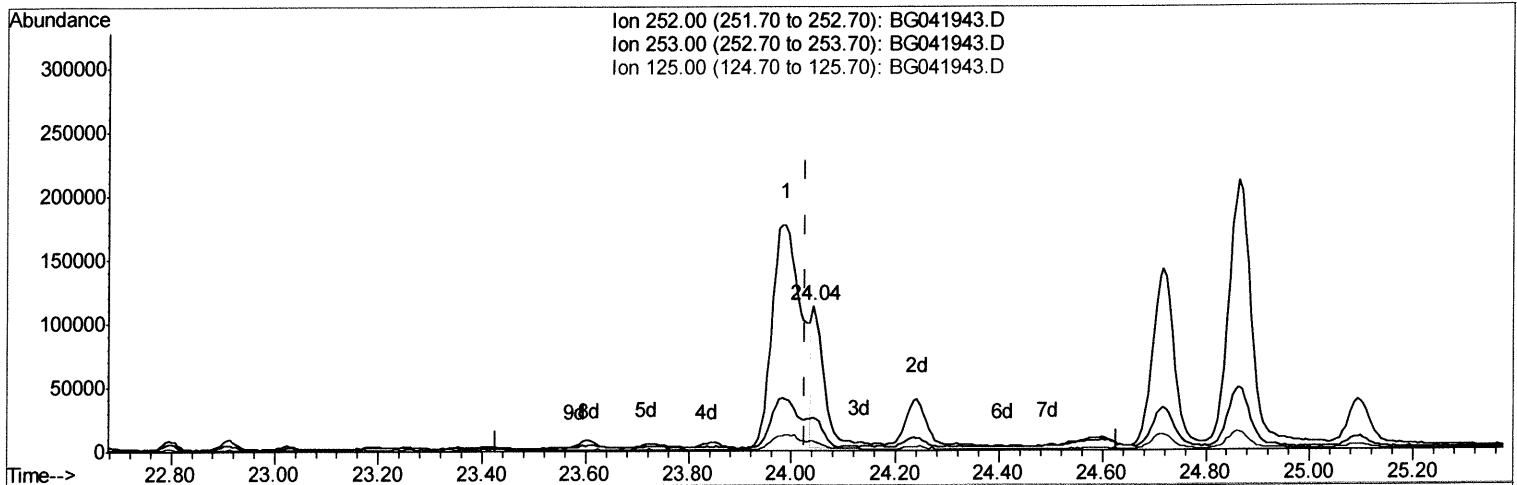
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ1DL

Manual Integrations
APPROVED

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8/6/2019 12:18:43 PM

Quant Time: Aug 05 01:24:13 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



TIC: BG041943.D

(88) Benzo(k)fluoranthene

24.041min (+0.014) 5.82ng/ul m

response 182292

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.71
125.00	6.90	6.73
0.00	0.00	0.00

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

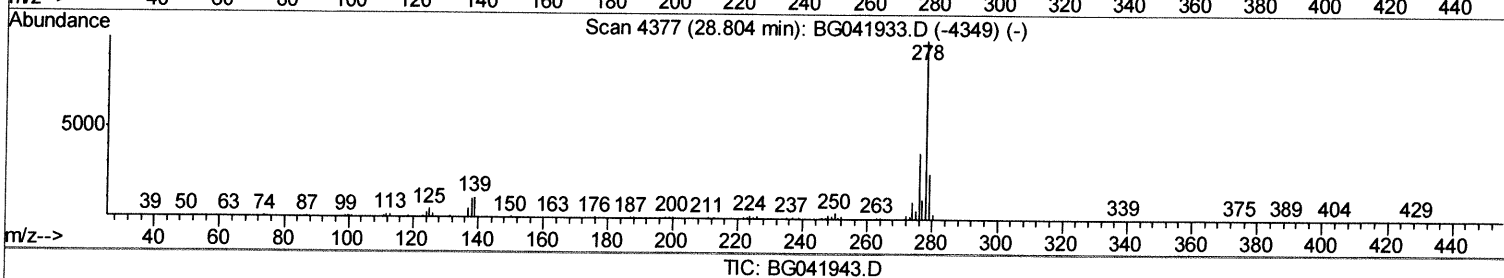
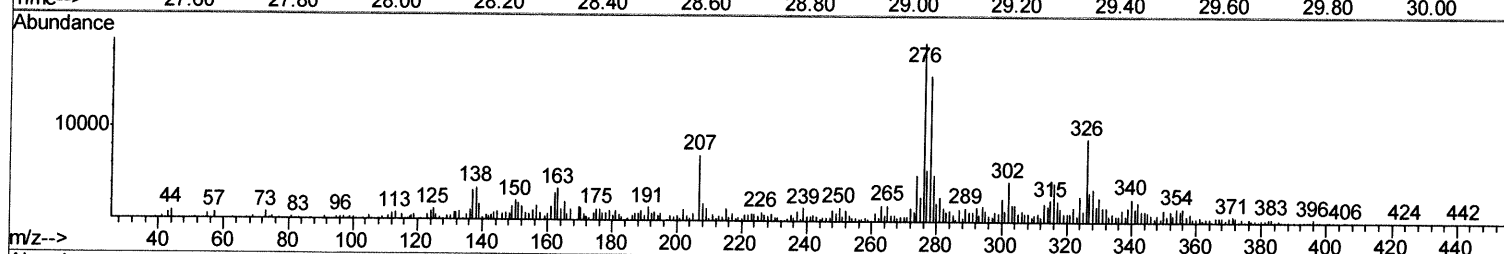
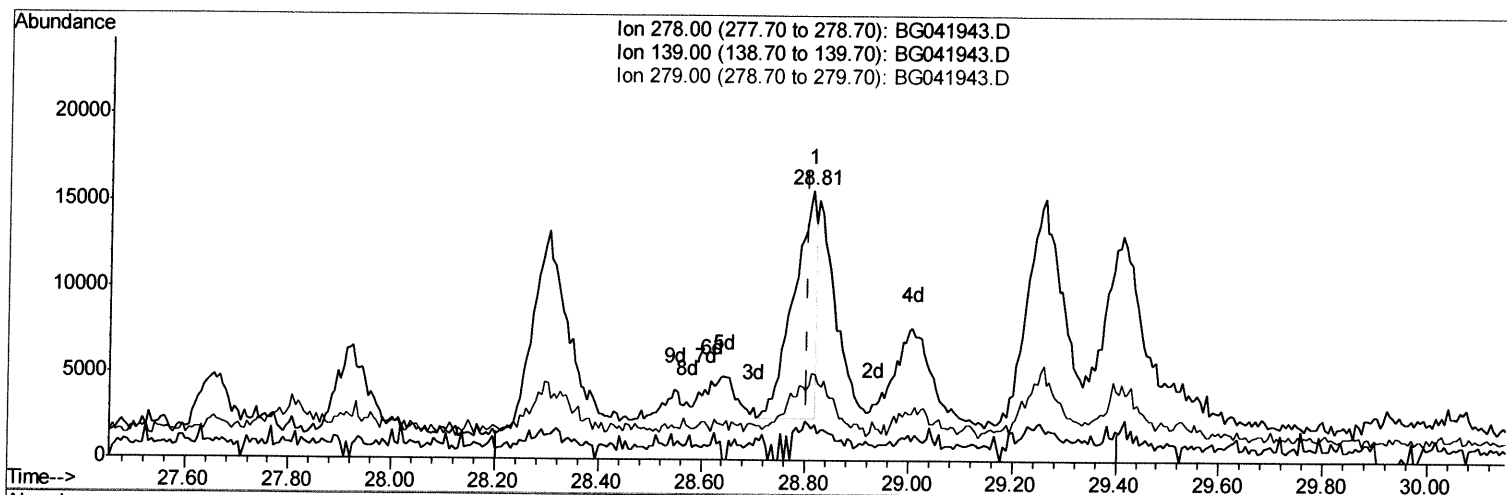
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:43 PM

Quant Time: Aug 05 01:24:13 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



(92) Dibenzo(a,h)anthracene

28.812min (+0.008) 1.34ng/ul

response 39738

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	11.84
279.00	24.00	32.48#
0.00	0.00	0.00

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

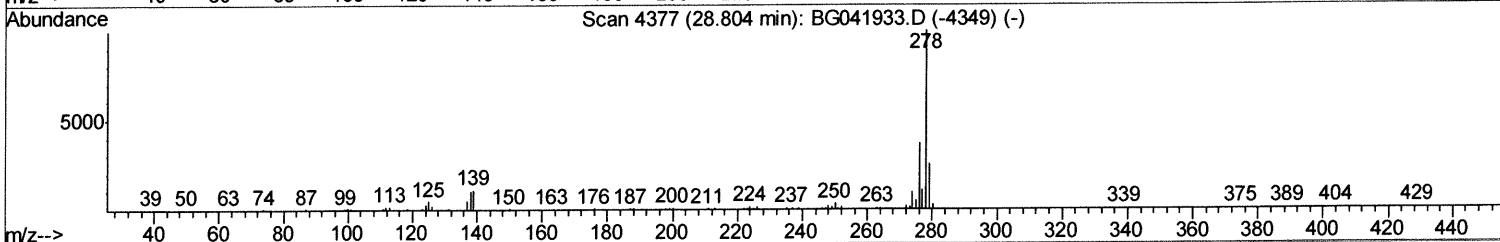
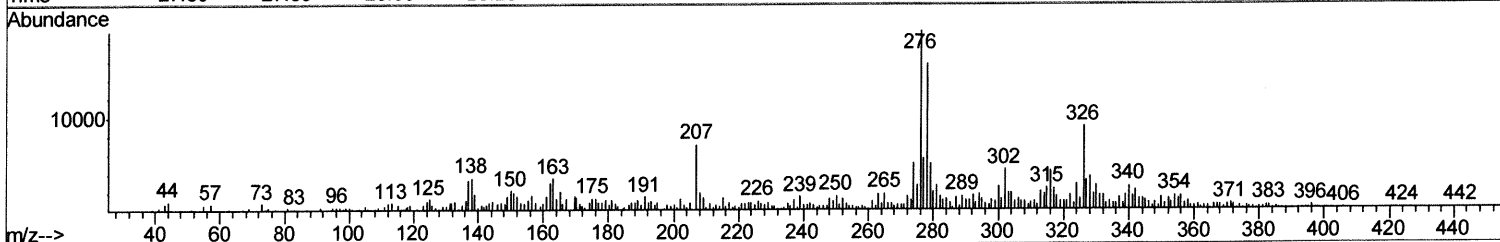
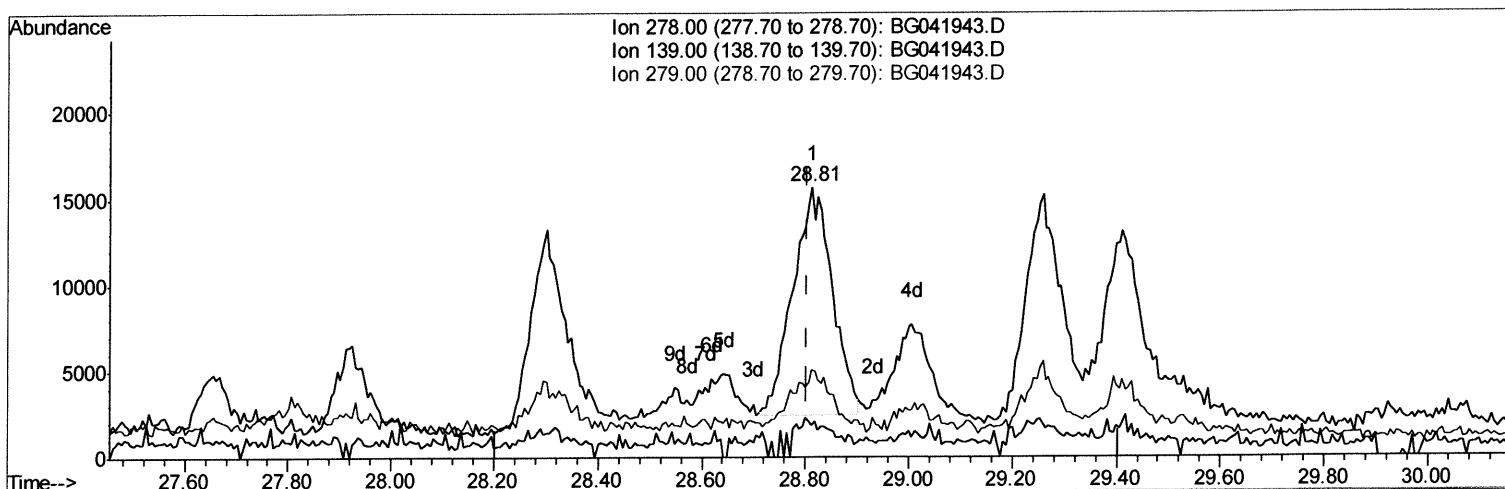
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
BENQ1DL

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:43 PM

Quant Time: Aug 05 01:24:13 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: BG041943.D

(92) Dibenzo(a,h)anthracene

28.812min (+0.008) 2.34ng/ul m

response 69134

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	11.84
279.00	24.00	32.48#
0.00	0.00	0.00

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

Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
BENQ1DL

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 05 03:51:33 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	92506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	371971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	245222	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	482418	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	475520	20.00	ng/ul	0.00
85) Perylene-d12	25.02	264	519427	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	1559	0.74	ng/uL	0.00
5) Phenol-d5	7.18	99	36297	5.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	21509	5.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	34964	5.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	29837	4.90	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	17438	6.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	19390	5.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	38351	5.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	42197	5.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	115910	6.09	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	148675	6.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	12426	3.89	ng/ul	0.01
57) Fluorene-d10	15.69	176	102297	6.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	5735	1.85	ng/ul	0.01
70) Anthracene-d10	17.55	188	155035	6.70	ng/ul	0.00
78) Pyrene-d10	19.84	212	176131	6.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	176350	6.50	ng/ul	0.02

Target Compounds

					Qvalue
28) Naphthalene	10.91	128	113650	5.976	ng/ul 99
34) 2-Methylnaphthalene	12.52	142	106172	7.024	ng/ul 97
40) 1,1'-Biphenyl	13.53	154	17995	1.009	ng/ul# 92
49) Acenaphthene	14.76	153	142075	9.266	ng/ul 99
53) Dibenzofuran	15.09	168	27614	1.207	ng/ul 90
58) Fluorene	15.74	166	120557	6.541	ng/ul 98
69) Phenanthrene	17.50	178	1429313	54.120	ng/ul 94
71) Anthracene	17.58	178	354681	13.241	ng/ul 97
74) Carbazole	17.85	167	24243	1.093	ng/ul# 84
76) Fluoranthene	19.50	202	1048790	34.370	ng/ul 98
79) Pyrene	19.87	202	1579320	49.375	ng/ul 99
82) Benzo(a)anthracene	21.72	228	864513	26.221	ng/ul 97
84) Chrysene	21.78	228	903421	29.358	ng/ul 98
87) Benzo(b)fluoranthene	23.99	252	655287	20.103	ng/ul 100
88) Benzo(k)fluoranthene	24.04	252	182292m >	5.816	ng/ul
90) Benzo(a)pyrene	24.86	252	606824	19.536	ng/ul
91) Indeno(1,2,3-cd)pyrene	28.76	276	178019	4.914	ng/ul
92) Dibenzo(a,h)anthracene	28.81	278	69134m >	2.339	ng/ul
93) Benzo(g,h,i)perylene	29.94	276	167982	5.553	ng/ul 96

99 JU
97 08/05/19

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