

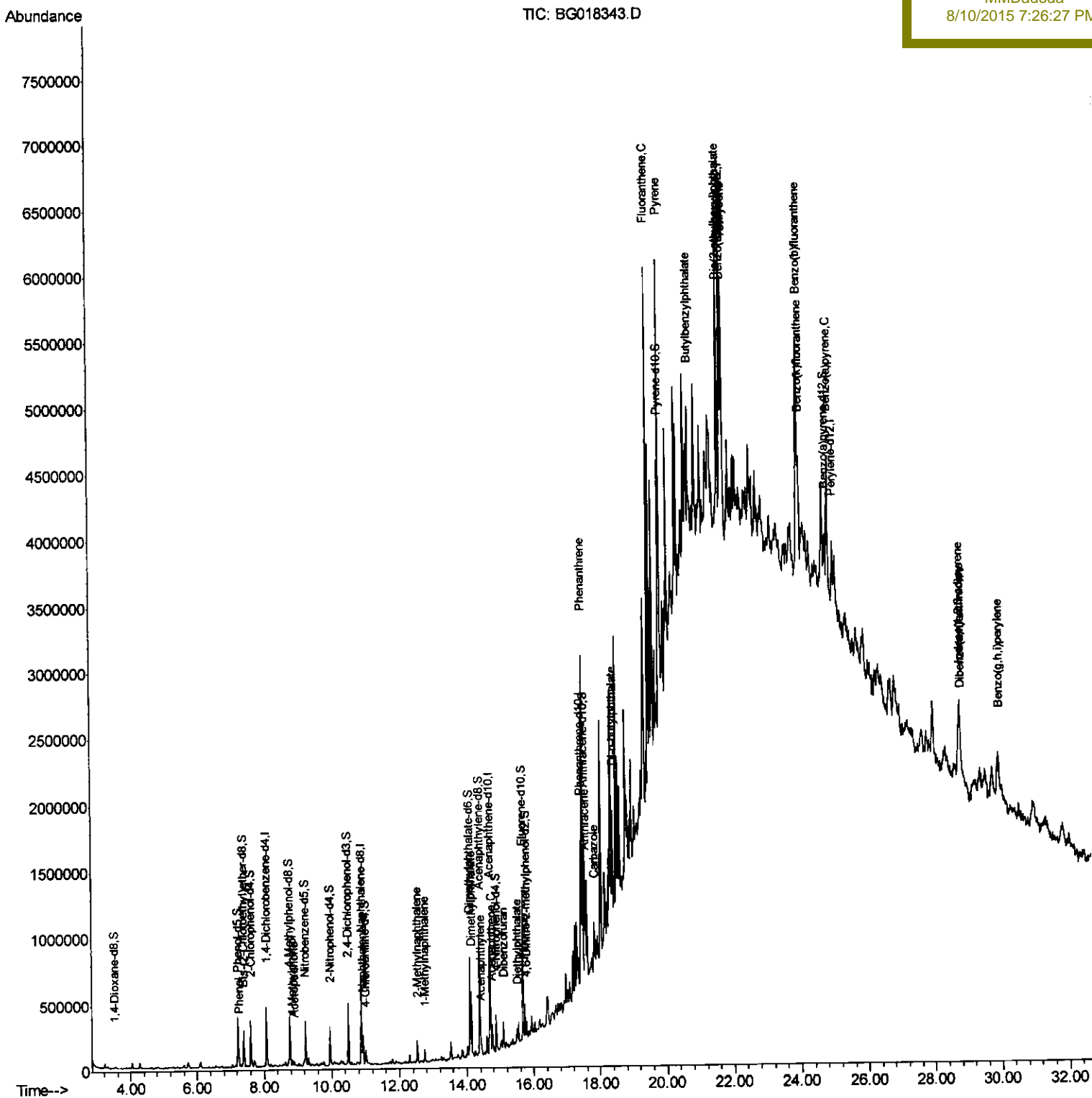
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080915\
 Data File : BG018343.D
 Acq On : 10 Aug 2015 00:12
 Operator : UM/TP
 Sample : G3095-05RX
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 10 08:18:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 07:50:23 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 C01R4RX

Manual Integrations
 APPROVED

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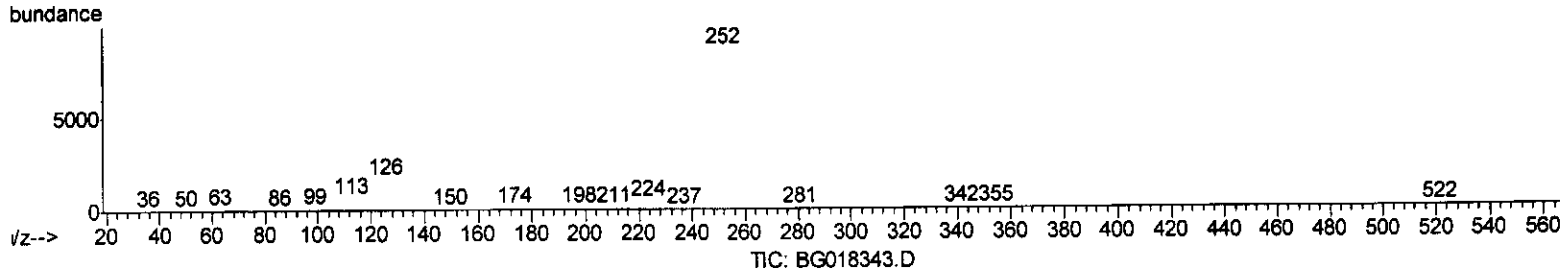
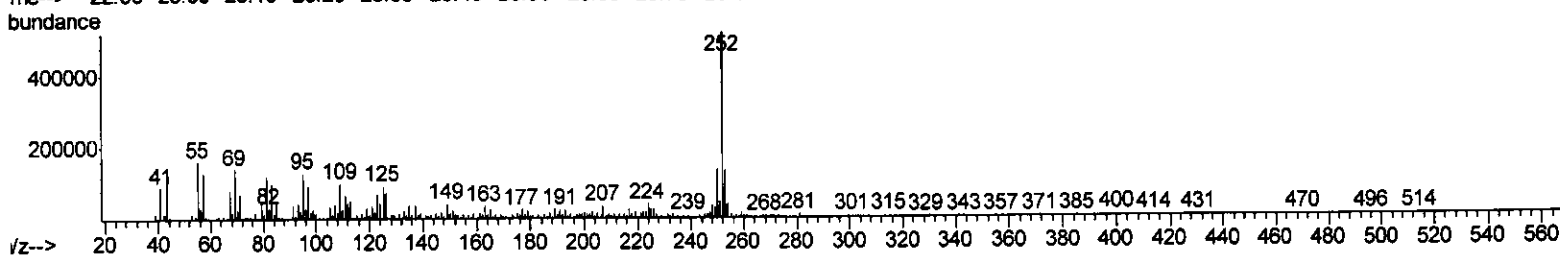
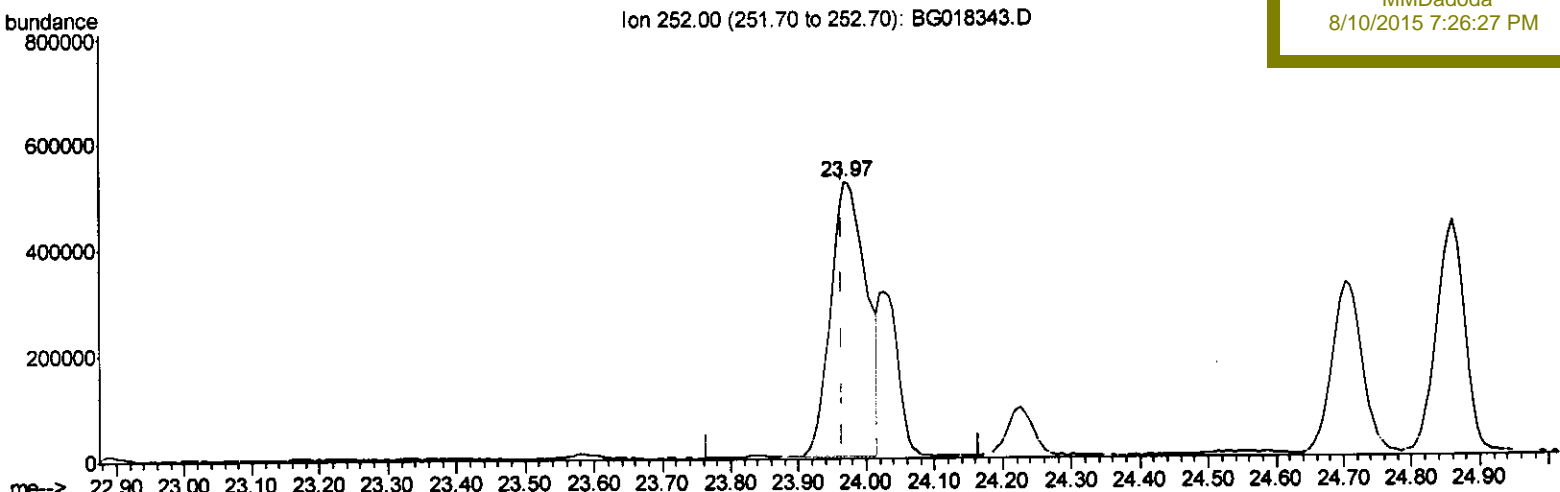
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 Sample : G3095-05RX
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C01R4RX

Quant Time: Aug 10 07:53:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(89) Benzo(k)fluoranthene
 23.968min (+0.003) 56.69ng/ul

response 1919125

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.30
125.00	11.20	17.21#
0.00	0.00	0.00

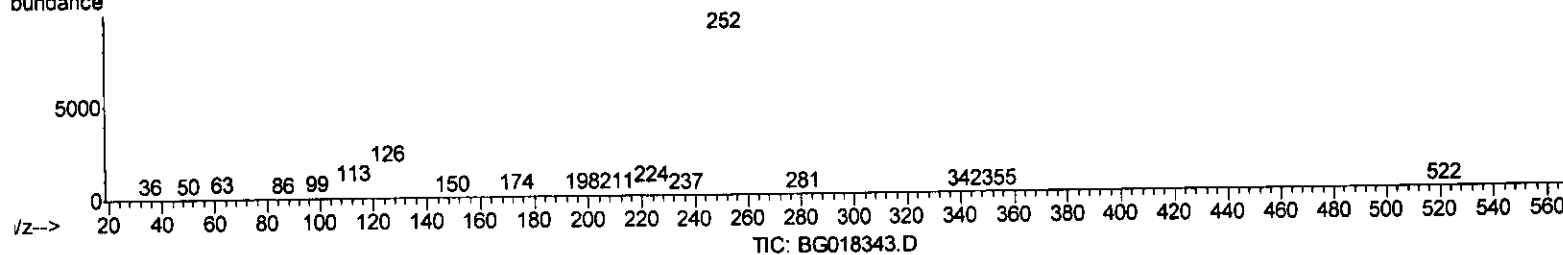
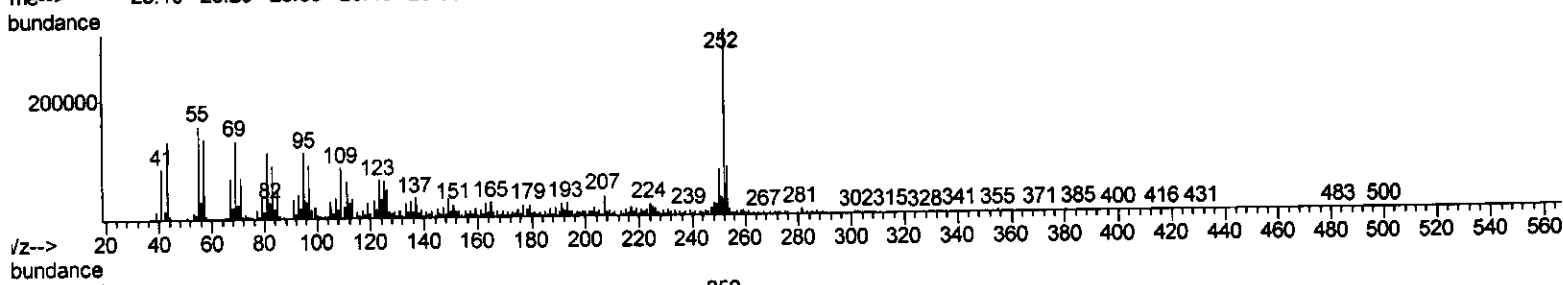
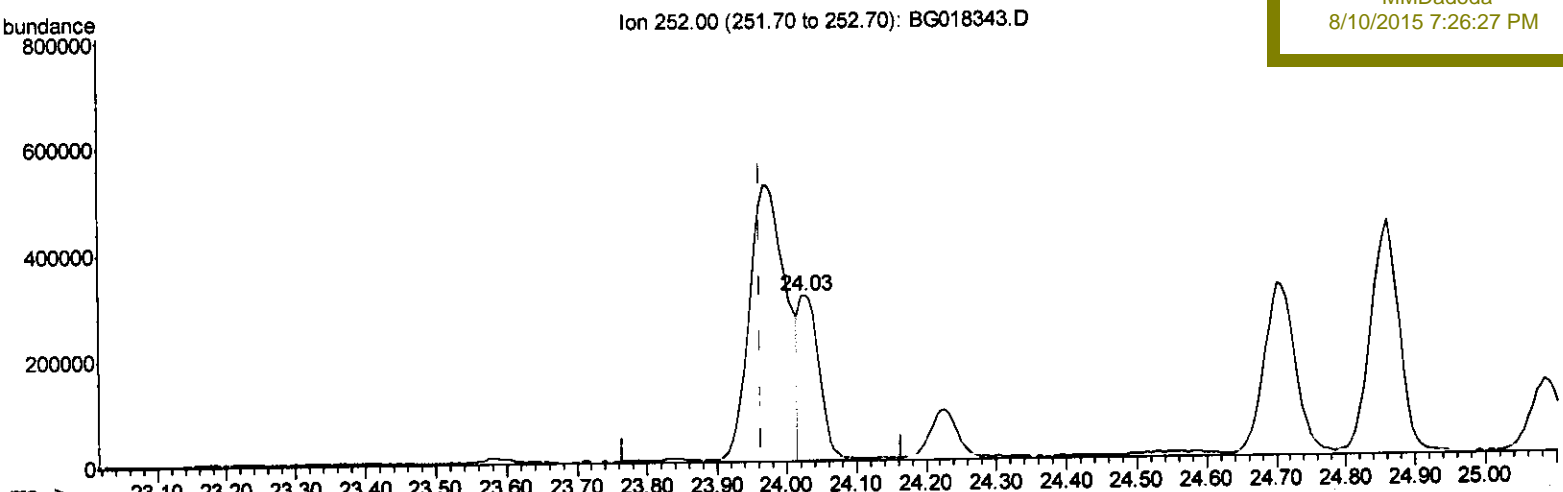
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R4RX

Manual Integrations
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(89) Benzo(k)fluoranthene

24.027min (+0.062) 17.72ng/ul m

response 599967

U.M
08/11/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.88
125.00	11.20	20.09#
0.00	0.00	0.00

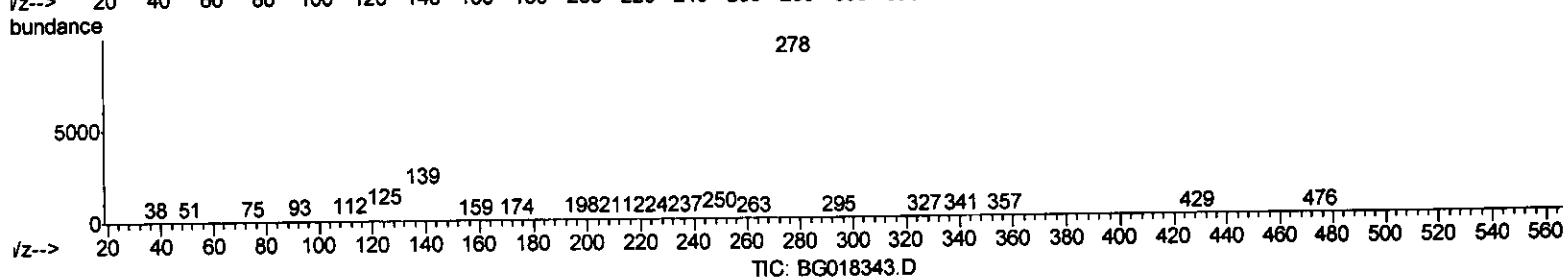
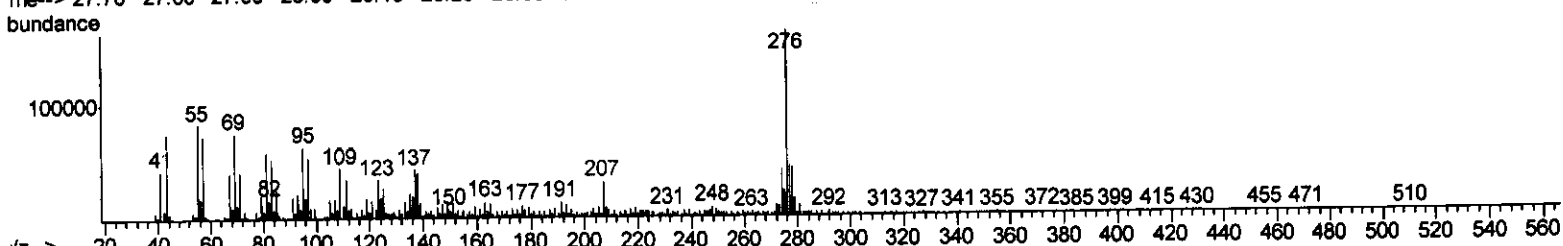
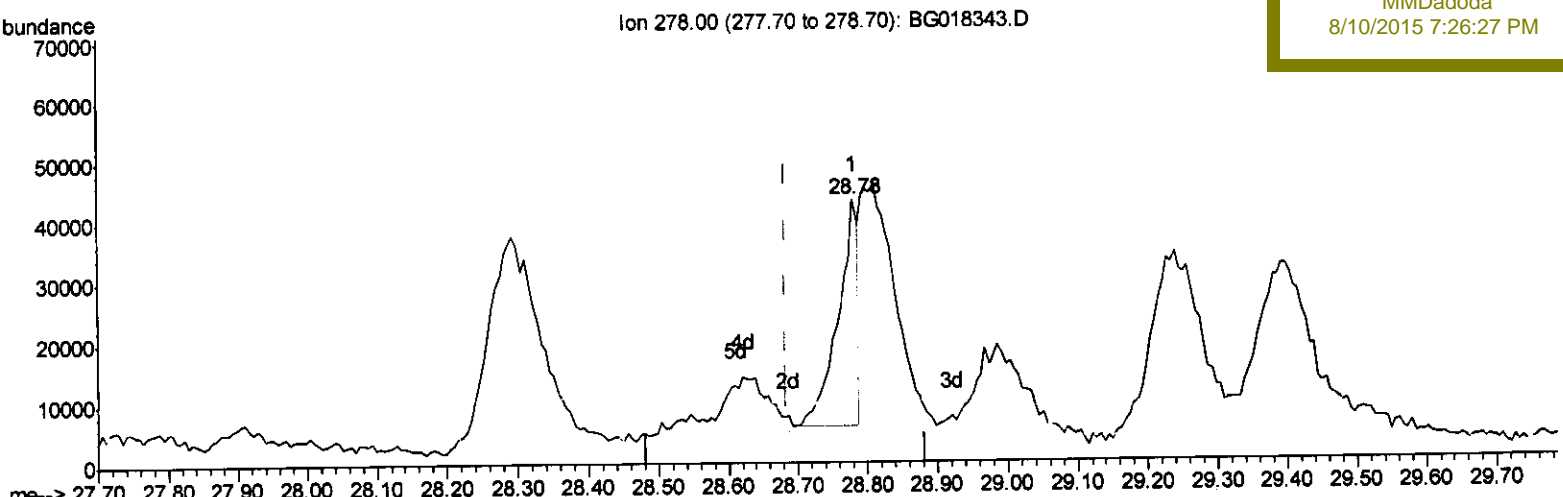
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Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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MMDadoda
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 Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

28.780min (+0.097) 2.28ng/ul

response 73245

Ion	Exp%	Act%
278.00	100	100
139.00	17.20	32.40#
279.00	22.30	36.42#
0.00	0.00	0.00

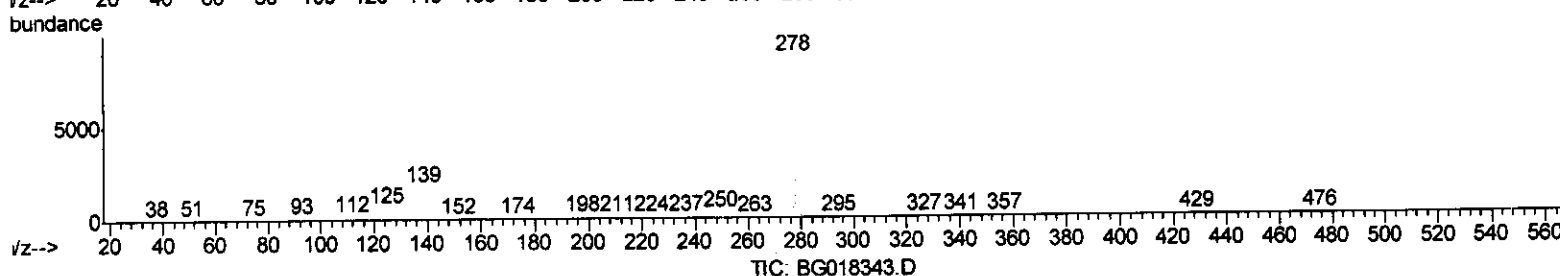
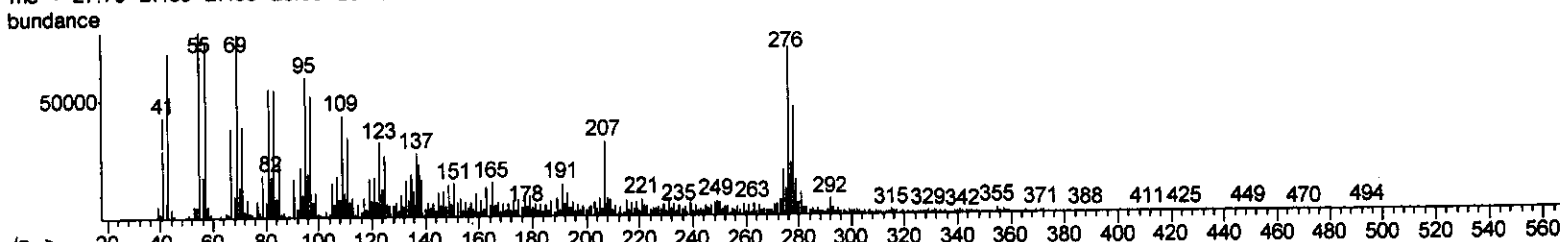
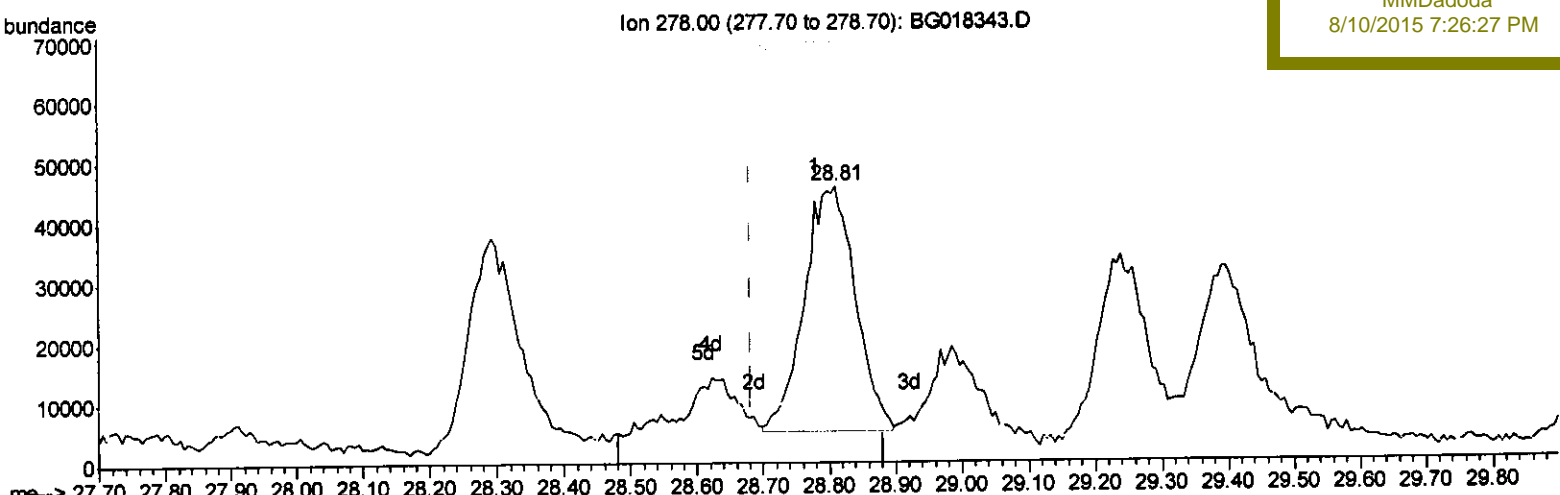
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 Sample : G3095-05RX
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R4RX

Manual Integrations
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MMDadoda
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Quant Time: Aug 10 07:53:07 2015
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 QLast Update : Mon Aug 10 07:50:23 2015
 Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

28.810min (+0.127) 6.76ng/ul m

response 217220

> 0.M
0811115

Ion	Exp%	Act%
278.00	100	100
139.00	17.20	34.17#
279.00	22.30	33.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 13 17:55:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R4RX

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.86	252	1229347	36.78	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	28.76	276	889185	22.99	ng/ul	94
93) Dibenzo(a,h)anthracene	28.81	278	217220m	6.76	ng/ul	
94) Benzo(g,h,i)perylene	29.94	276	820899	25.27	ng/ul	95

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

08/11/15

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080915\
 Data File : BG018343.D
 Acq On : 10 Aug 2015 00:12
 Operator : UM/TP
 Sample : G3095-05RX
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R4RX

Quant Time: Aug 13 17:55:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 07:50:23 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 8/10/2015 7:26:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	127764	20.00	ng/ul	0.02
18) Naphthalene-d8	10.88	136	560042	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	314147	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	628553	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	539234	20.00	ng/ul	0.03
86) Perylene-d12	25.01	264	559550	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	6994	2.42	ng/uL	0.00
5) Phenol-d5	7.23	99	208767	18.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	127965	17.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	162704	18.32	ng/ul	0.02
13) 4-Methylphenol-d8	8.77	113	161505	16.58	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	82602	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	88388	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	179970	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	60829	5.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	519267	19.65	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	672717	20.21	ng/ul	0.02
52) 4-Nitrophenol-d4	14.87	143	63267	13.31	ng/ul	0.02
58) Fluorene-d10	15.68	176	448417	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	22987	7.44	ng/ul	0.00
71) Anthracene-d10	17.54	188	613704	20.41	ng/ul	0.02
79) Pyrene-d10	19.83	212	571913	20.44	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.78	264	587482	19.78	ng/ul	0.07

Target Compounds

						Qvalue
6) Phenol	7.26	94	14575	1.23	ng/ul	93
14) Acetophenone	8.90	105	23065	1.64	ng/ul	87
16) 4-Methylphenol	8.84	108	16310	1.63	ng/ul	94
28) Naphthalene	10.93	128	169980	5.74	ng/ul	97
34) 2-Methylnaphthalene	12.53	142	79062	3.69	ng/ul	92
45) Dimethylphthalate	14.14	163	308763	11.84	ng/ul	98
48) Acenaphthylene	14.43	152	33965	1.02	ng/ul#	93
50) Acenaphthene	14.76	153	95355	4.07	ng/ul	92
54) Dibenzofuran	15.09	168	92561	3.02	ng/ul#	85
57) Diethylphthalate	15.50	149	40611	1.47	ng/ul#	97
59) Fluorene	15.74	166	116503	4.43	ng/ul	99
70) Phenanthrene	17.49	178	1467793	43.04	ng/ul	96
72) Anthracene	17.58	178	405742	11.67	ng/ul	98
75) Carbazole	17.83	167	244367	8.02	ng/ul#	96
76) Di-n-butylphthalate	18.40	149	559706	14.06	ng/ul	98
77) Fluoranthene	19.50	202	2139015	58.73	ng/ul#	94
80) Pyrene	19.86	202	1927421	52.86	ng/ul	95
81) Butylbenzylphthalate	20.74	149	243396	15.78	ng/ul#	81
83) Benzo(a)anthracene	21.70	228	1170960	35.02	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.62	149	958633	43.99	ng/ul#	98
85) Chrysene	21.77	228	1217135	38.93	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	1919125	54.59	ng/ul#	90
89) Benzo(k)fluoranthene	24.03	252	599967m	17.72	ng/ul	

Handwritten signature and date:
 U.M.
 8/11/15
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