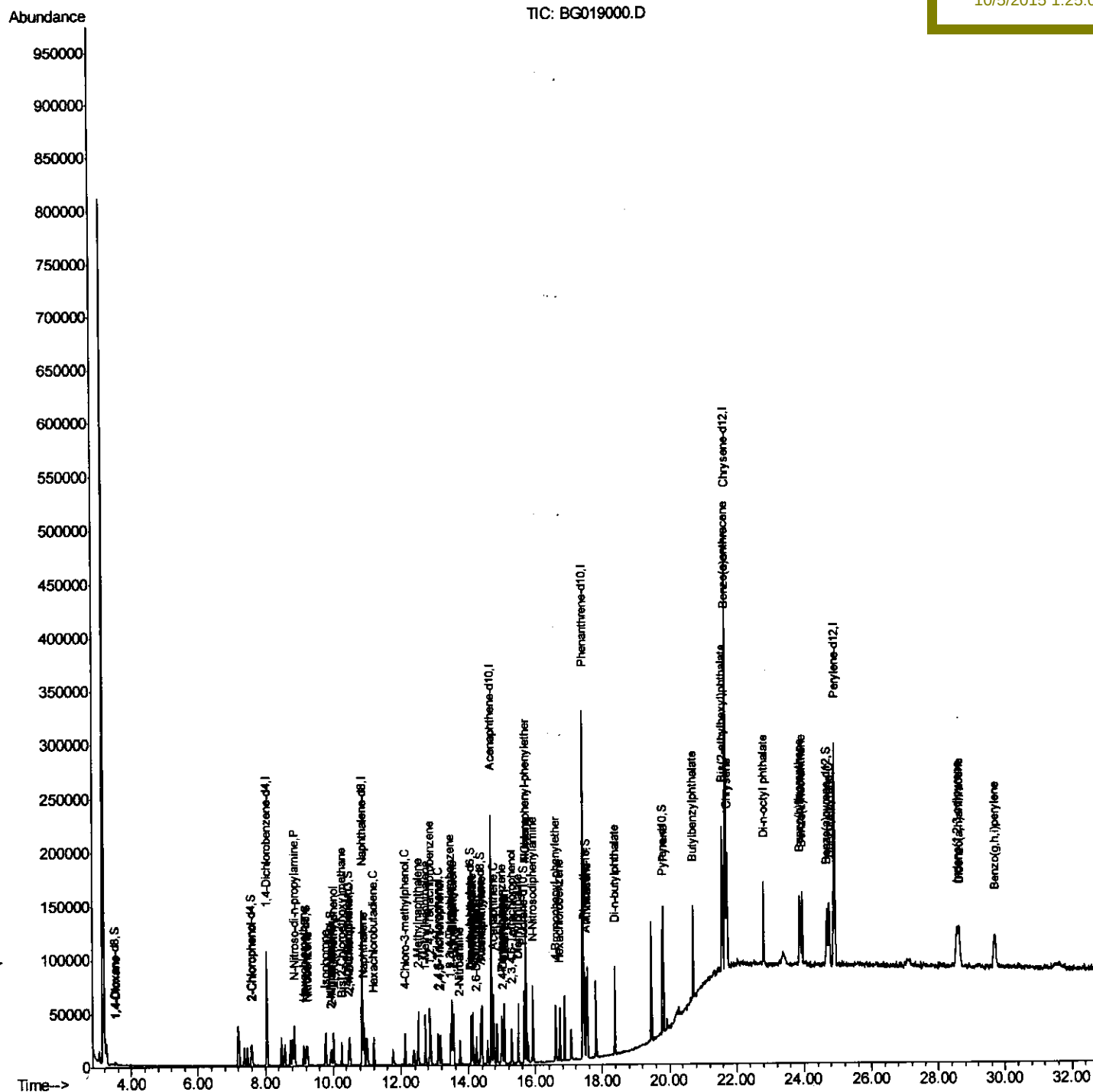


Quant Time: Oct 05 00:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 00:45:11 2015
Response via : Initial Calibration

Manual Integrations

MMDADODA



Quantitation Report (Qedit)

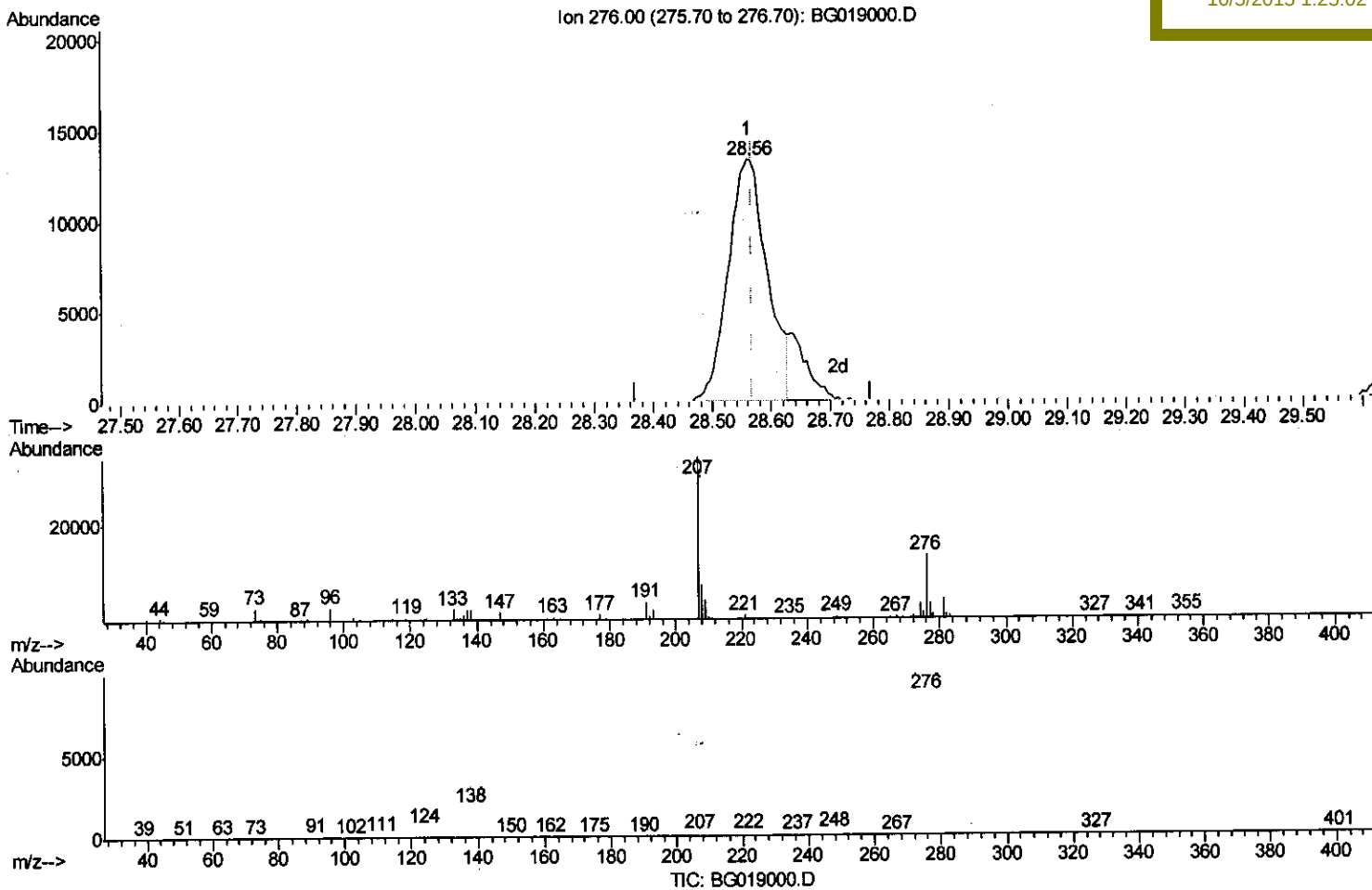
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019000.D
 Acq On : 4 Oct 2015 12:08
 Operator : UM/NP
 Sample : SSTD00525
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00525

Quant Time: Oct 05 00:46:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:45:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/5/2015 1:25:02 PM



(92) Indeno(1,2,3-cd)pyrene

28.560min (-0.007) 4.34ng/ul

response 61215

Ion	Exp%	Act%
276.00	100	100
138.00	18.60	16.28
277.00	22.50	23.99
0.00	0.00	0.00

Quantitation Report (Qedit)

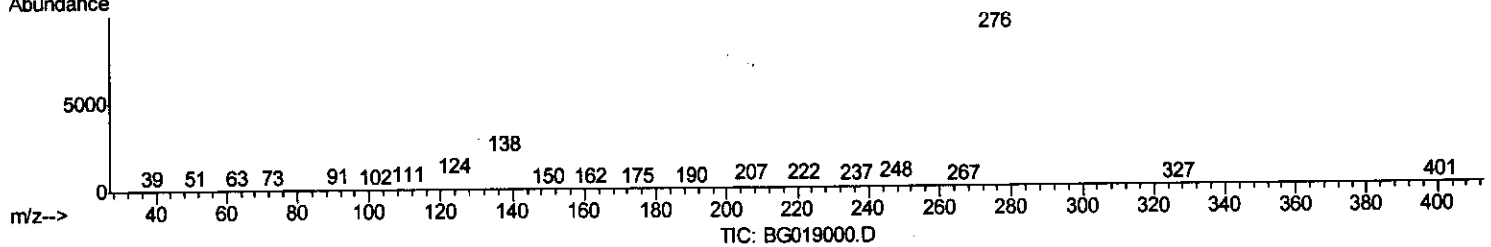
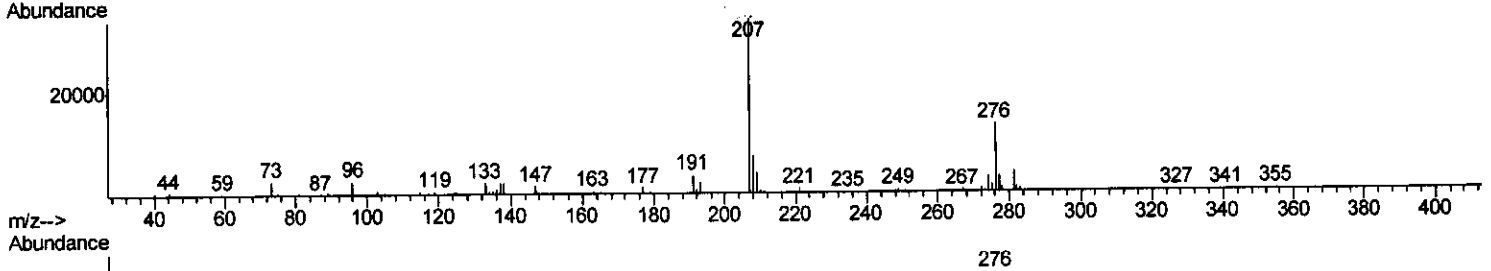
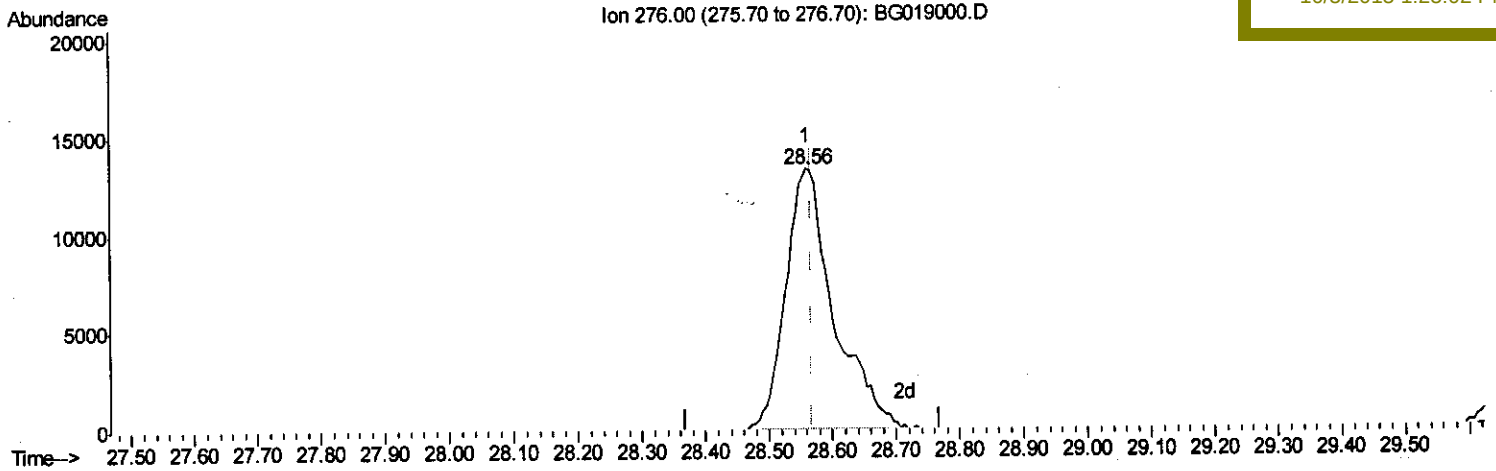
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019000.D
 Acq On : 4 Oct 2015 12:08
 Operator : UM/NP
 Sample : SST00525
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00525

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 1:25:02 PM

Quant Time: Oct 05 00:46:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:45:11 2015
 Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

28.560min (-0.007) 4.93ng/ul m U.M
 response 69556 10/6/15

Ion	Exp%	Act%
276.00	100	100
138.00	18.60	16.28
277.00	22.50	23.99
0.00	0.00	0.00

Quantitation Report (Qedit)

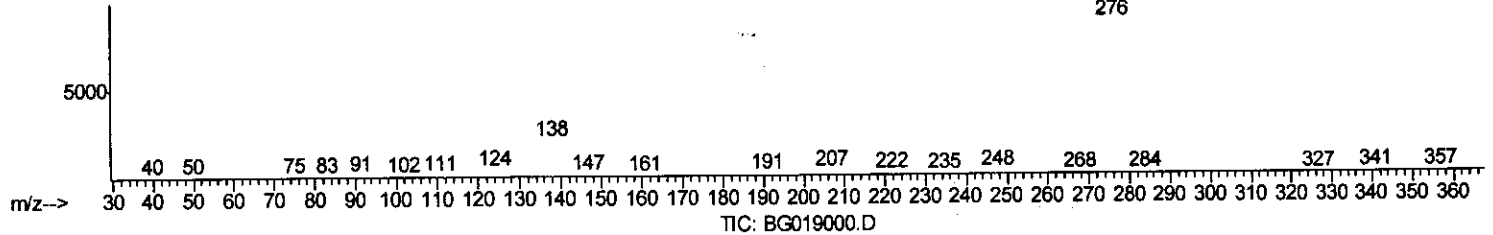
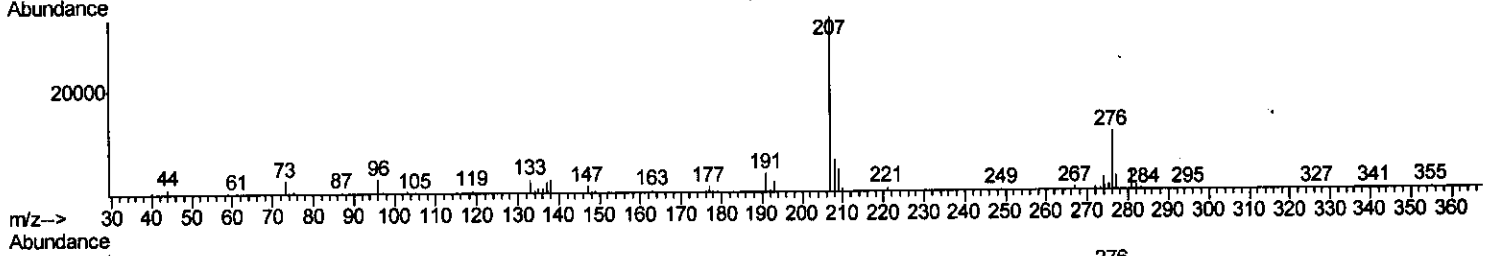
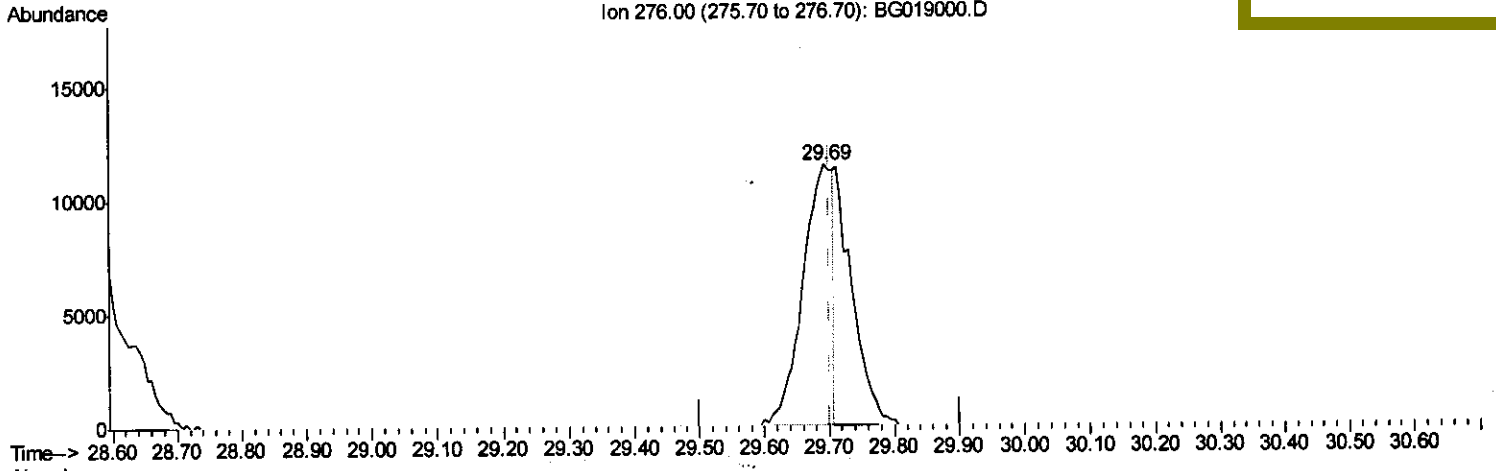
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019000.D
 Acq On : 4 Oct 2015 12:08
 Operator : UM/NP
 Sample : SST000525
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST000525

Quant Time: Oct 05 00:46:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:45:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 1:25:02 PM



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

29.694min (-0.007) 3.09ng/ul

response 36372

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	23.06
277.00	23.40	25.64
0.00	0.00	0.00

Quantitation Report (Qedit)

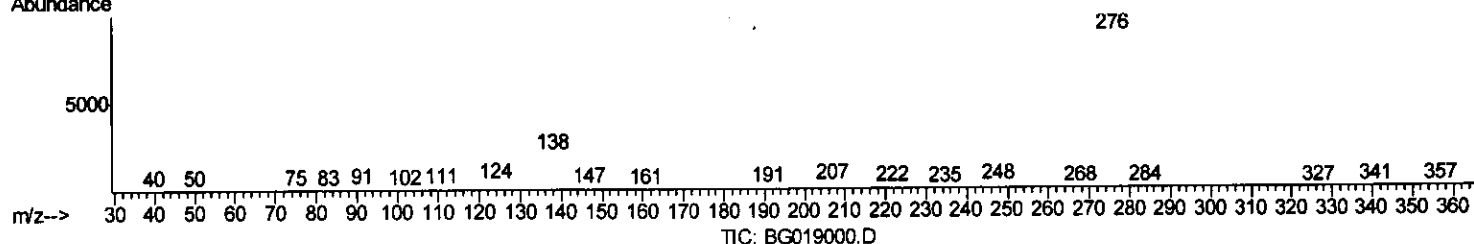
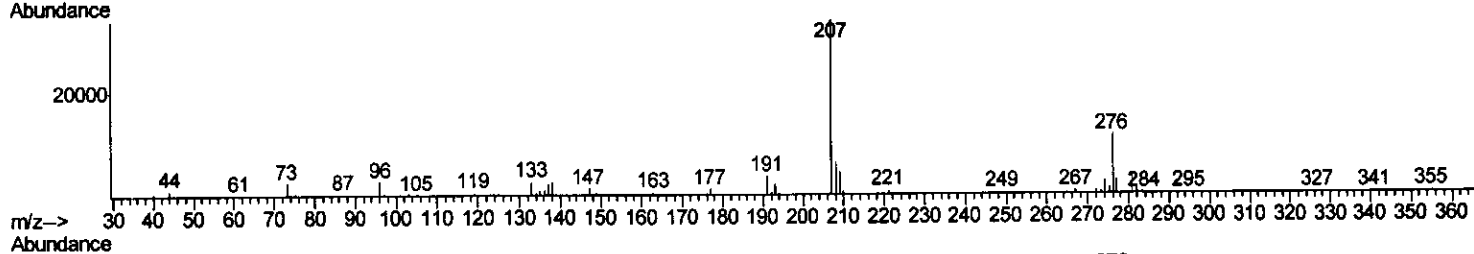
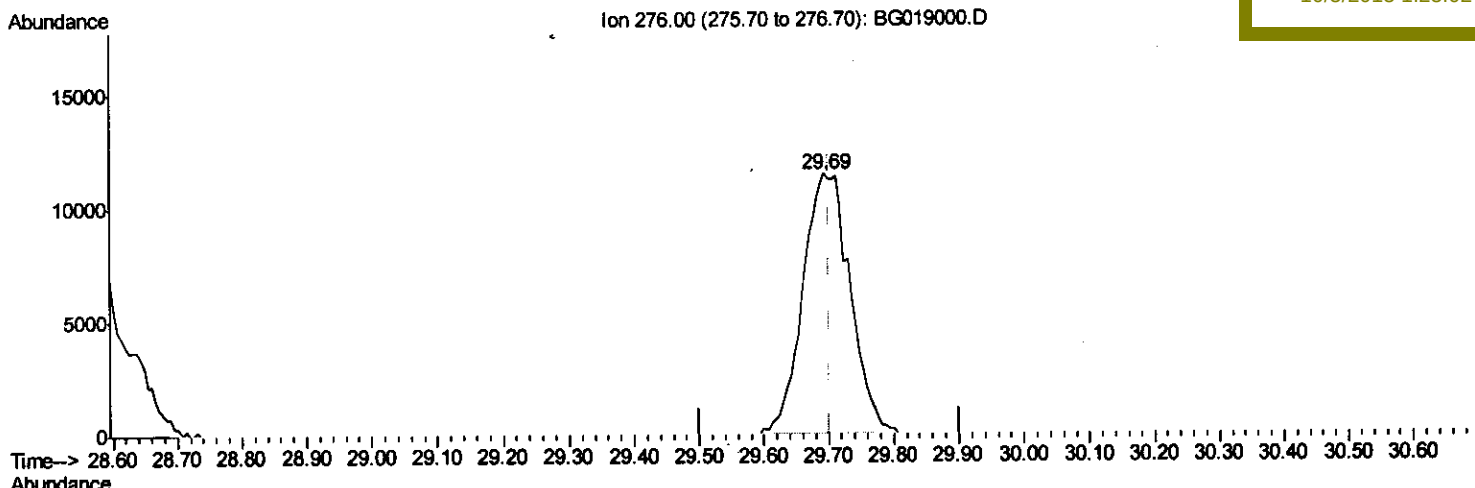
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019000.D
 Acq On : 4 Oct 2015 12:08
 Operator : UM/NP
 Sample : SSTD00525
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00525

Quant Time: Oct 05 00:46:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:45:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 1:25:02 PM



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

29.694min (-0.007) 4.91ng/ul m U.M
 response 57738 10/6/15

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	23.06
277.00	23.40	25.64
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019000.D
 Acq On : 4 Oct 2015 12:08
 Operator : UM/NP
 Sample : SST00525
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00525

Quant Time: Oct 05 00:57:57 2015
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	125130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	76871	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	186815	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	233492	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	219036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	1361	2.31	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.58	132	9230	4.80	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.21	128	4716	5.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	4399	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	9048	4.69	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	29906	5.06	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	37956	5.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.66	176	27473	5.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.51	188	44688	5.24	ng/ul	0.00
79) Pyrene-d10	19.79	212	54241	5.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	54461	4.95	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	1438	2.20	ng/uL	99
10) 2-Chlorophenol	7.61	128	9399	4.72	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	8520	5.08	ng/ul#	96
17) Hexachloroethane	9.14	117	4004	5.06	ng/ul	96
20) Nitrobenzene	9.25	77	11196	4.84	ng/ul#	88
21) Isophorone	9.78	82	22715	5.00	ng/ul	96
23) 2-Nitrophenol	9.96	139	4353	4.22	ng/ul#	88
24) 2,4-Dimethylphenol	10.02	107	11250	4.81	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	13527	5.05	ng/ul#	96
27) 2,4-Dichlorophenol	10.49	162	9664	4.92	ng/ul	94
28) Naphthalene	10.90	128	32819	5.18	ng/ul	99
31) Hexachlorobutadiene	11.20	225	6345	5.06	ng/ul	96
33) 4-Chloro-3-methylphenol	12.11	107	10061	4.65	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	24793	5.22	ng/ul	99
35) 1-Methylnaphthalene	12.72	142	23712	5.09	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	12430	5.08	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.10	196	7640	4.78	ng/ul	96
40) 2,4,5-Trichlorophenol	13.17	196	8069	4.72	ng/ul	94
41) 1,1'-Biphenyl	13.51	154	31835	5.23	ng/ul	96
42) 2-Chloronaphthalene	13.55	162	24647	5.21	ng/ul	98
43) 2-Nitroaniline	13.74	65	7048	4.50	ng/ul#	90
45) Dimethylphthalate	14.12	163	31544	5.26	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	5262	4.45	ng/ul#	83

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019000.D
 Acq On : 4 Oct 2015 12:08
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 Sample : SSTD00525
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00525

Quant Time: Oct 05 00:57:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:45:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 1:25:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.39	152	40164	5.19	ng/ul	99
50) Acenaphthene	14.74	153	27516	5.18	ng/ul	99
54) Dibenzofuran	15.07	168	38339	5.35	ng/ul	99
55) 2,4-Dinitrotoluene	15.02	165	7063	4.11	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.29	232	7134	4.49	ng/ul#	97
57) Diethylphthalate	15.49	149	30883	5.12	ng/ul	95
59) Fluorene	15.72	166	32513	5.41	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.71	204	15739	5.27	ng/ul	99
65) N-Nitrosodiphenylamine	15.92	169	26730	5.05	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	10067	5.01	ng/ul	98
67) Hexachlorobenzene	16.72	284	11790	5.19	ng/ul	97
70) Phenanthrene	17.46	178	54473	5.36	ng/ul	100
72) Anthracene	17.54	178	55024	5.41	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	12469	4.99	ng/uL	97
74) Pentachlorobenzene	14.99	250	11958	4.93	ng/uL	96
76) Di-n-butylphthalate	18.38	149	60293	5.38	ng/ul	98
80) Pyrene	19.82	202	71718	5.26	ng/ul	99
81) Butylbenzylphthalate	20.72	149	25010	4.75	ng/ul	95
83) Benzo(a)anthracene	21.66	228	68122	5.17	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	37384	4.88	ng/ul	99
85) Chrysene	21.73	228	65024	5.26	ng/ul	98
87) Di-n-octyl phthalate	22.80	149	63670	5.10	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	64621	5.12	ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	63653	5.21	ng/ul	97
91) Benzo(a)pyrene	24.75	252	62505	5.15	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.56	276	69556m	4.93	ng/ul	
93) Dibenzo(a,h)anthracene	28.64	278	61365	5.07	ng/ul	97
94) Benzo(g,h,i)perylene	29.69	276	57738m	4.91	ng/ul	

U.M.
 10/6/15

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