Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:10:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
mohammad
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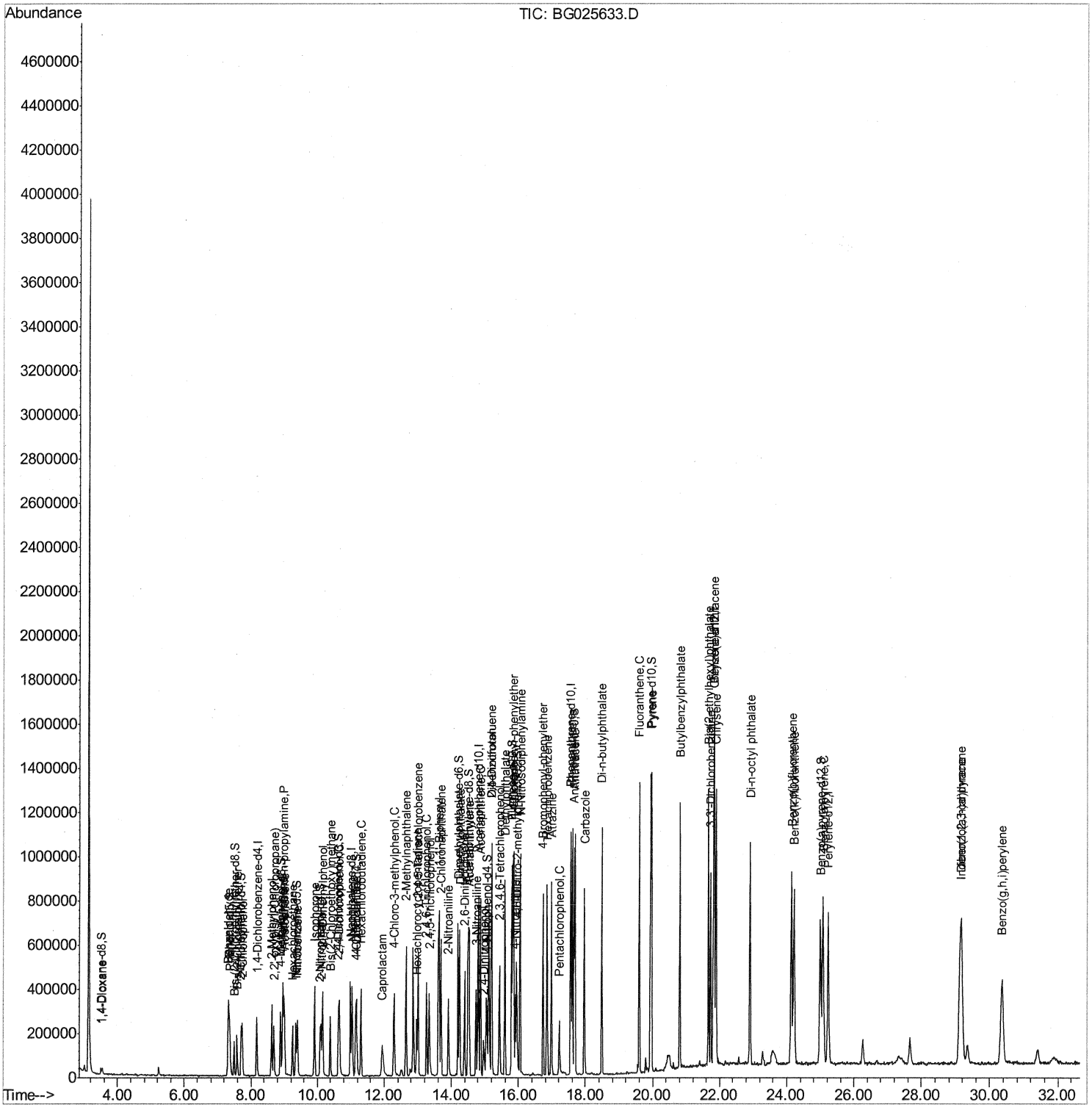

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:07:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
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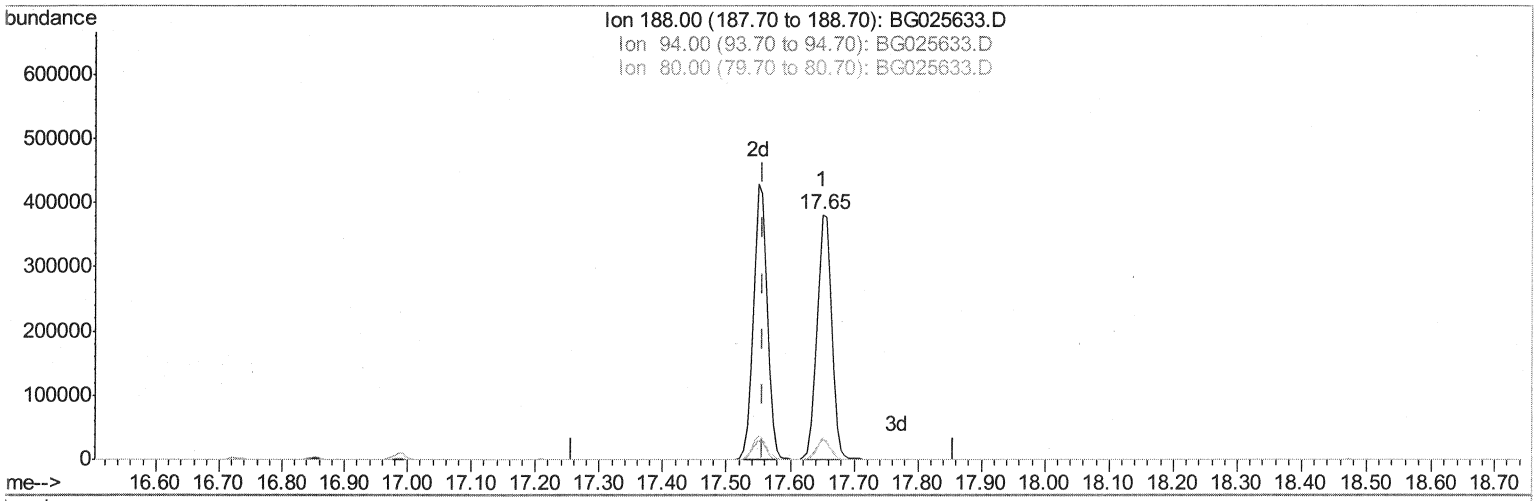

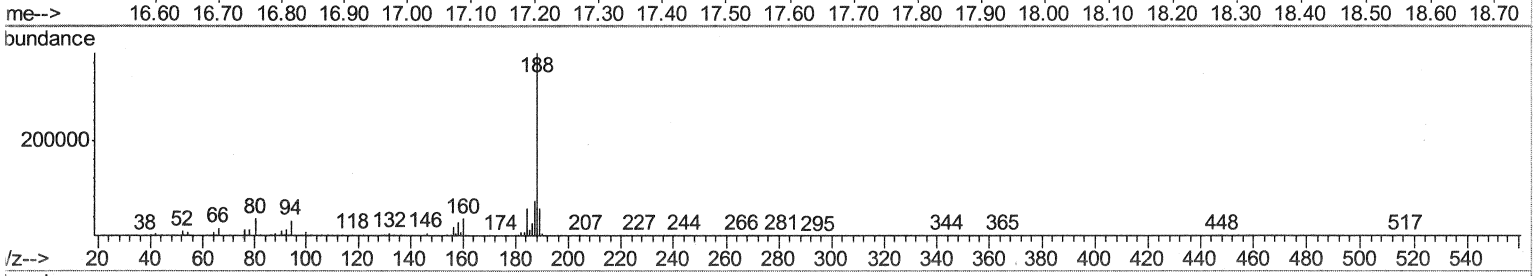

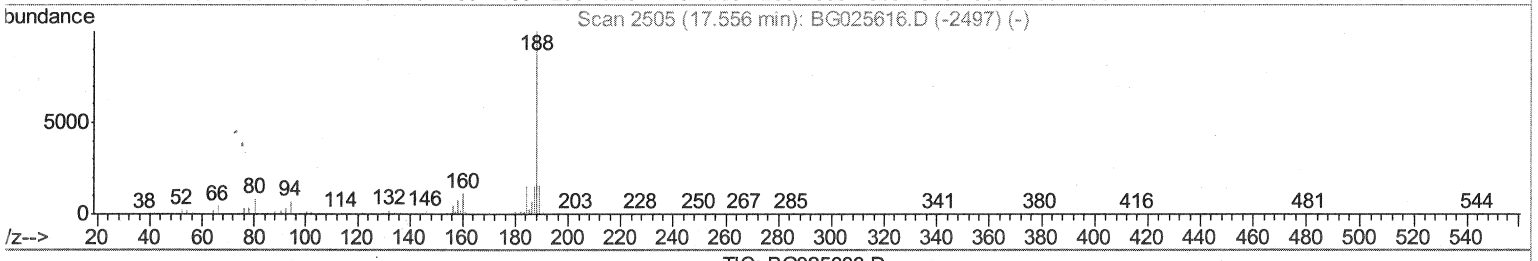

TIC: BG025633.D

(61) Phenanthrene-d10 (I)

17.650min (+0.093) 20.00ng/ul

response 608057

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.42
80.00	9.50	9.44
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:07:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
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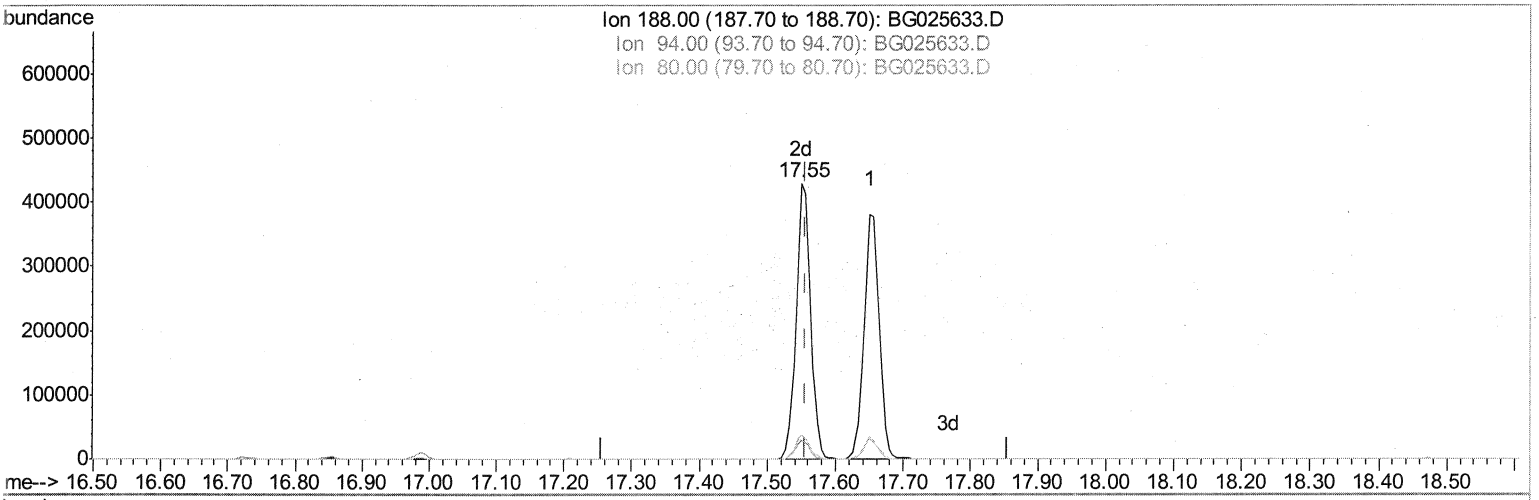

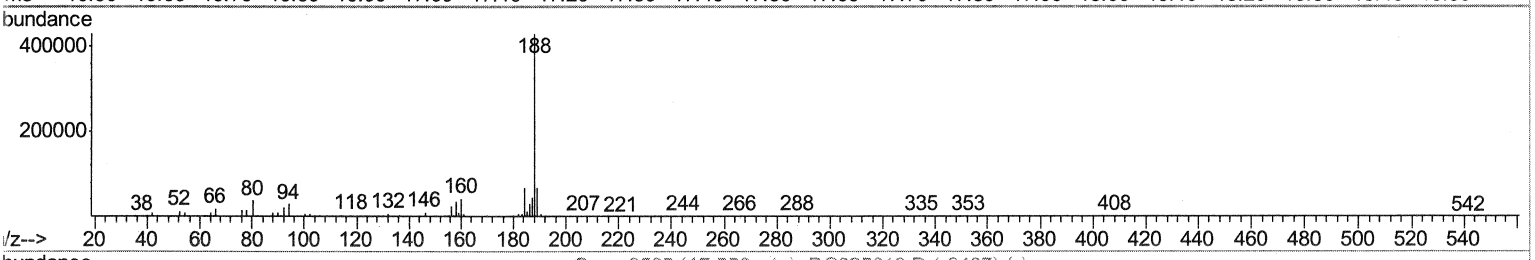

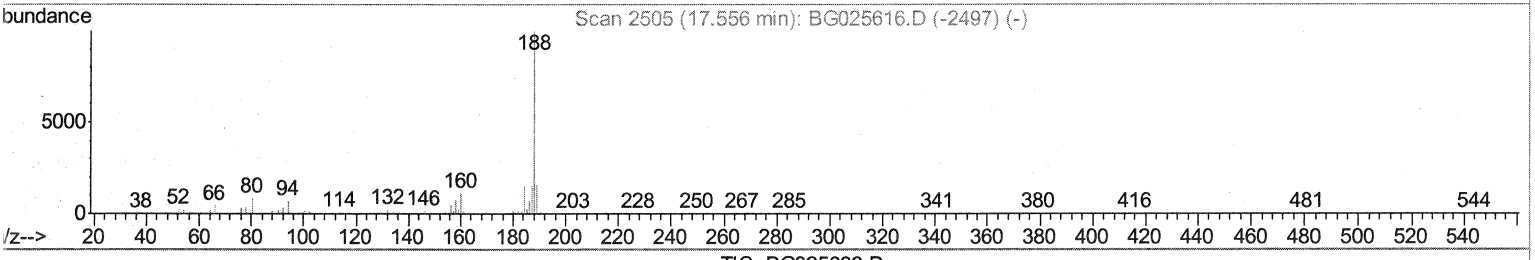

TIC: BG025633.D

(61) Phenanthrene-d10 (I)

17.550min (-0.006) 20.00ng/ul m SJ 1/27/17

response 653783

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.70#
80.00	9.50	8.76
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:09:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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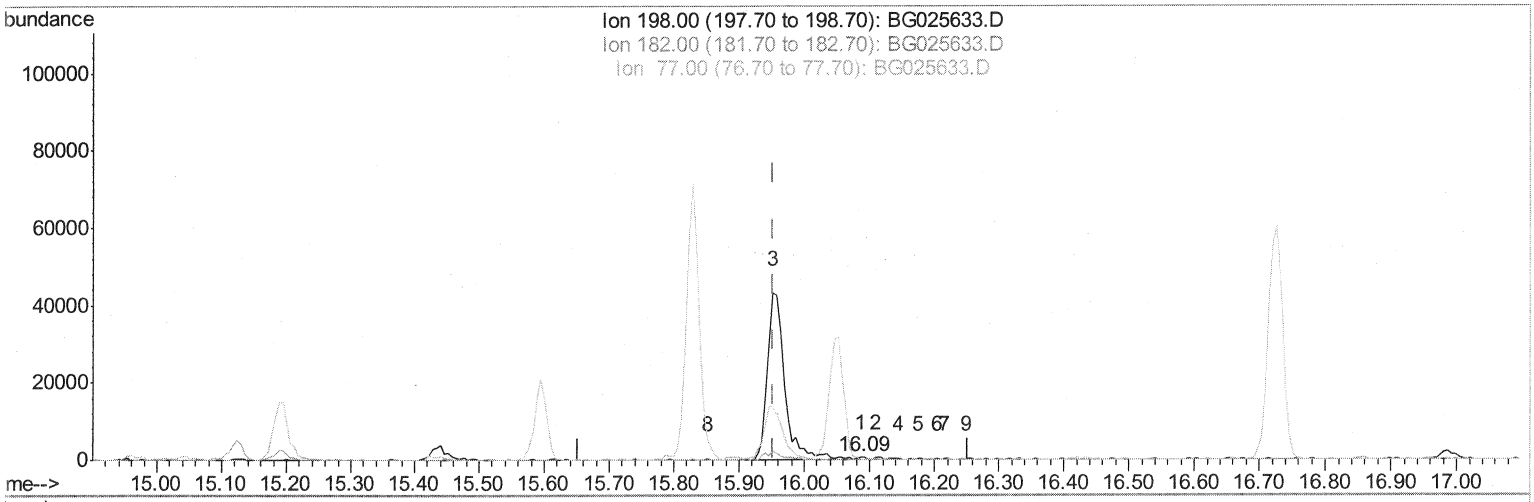

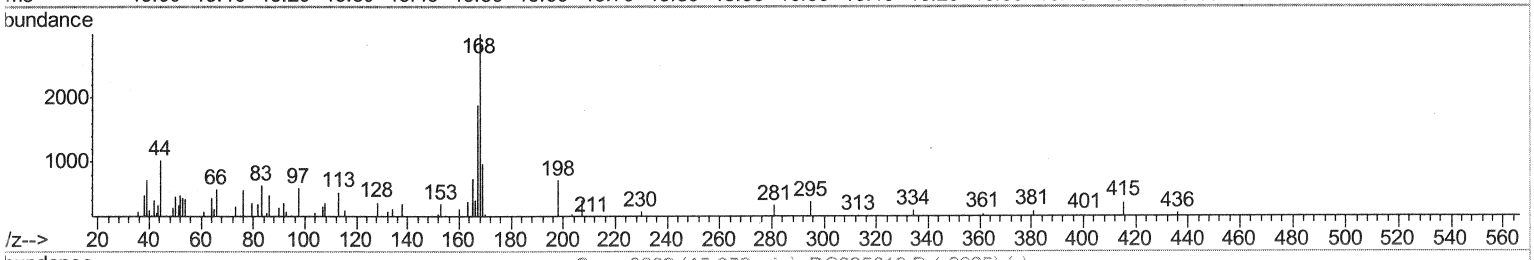

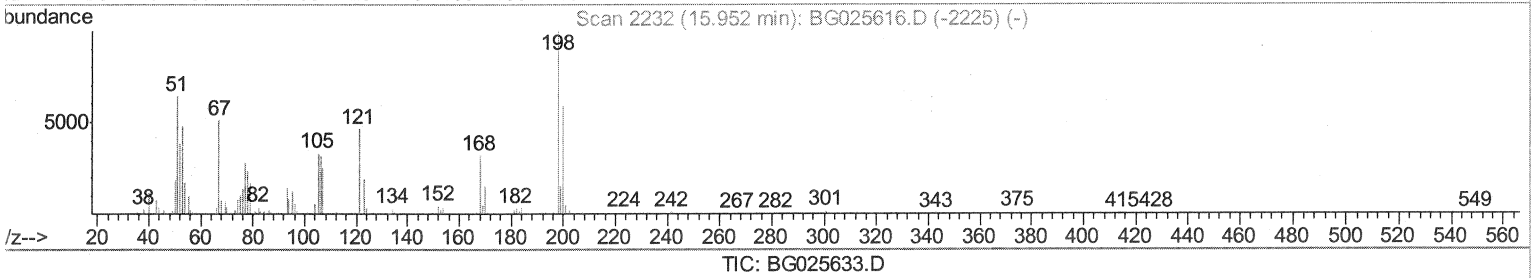

TIC: BG025633.D

(63) 4,6-Dinitro-2-methylphenol

16.087min (+0.135) 0.12ng/ul

response 513

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:09:33 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
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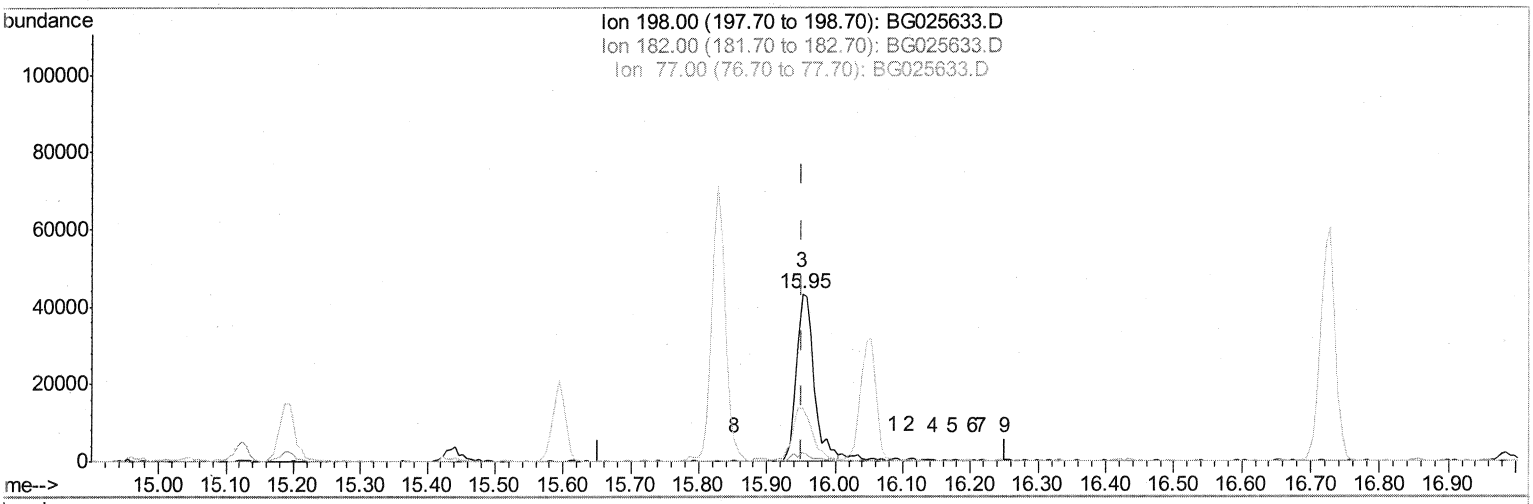

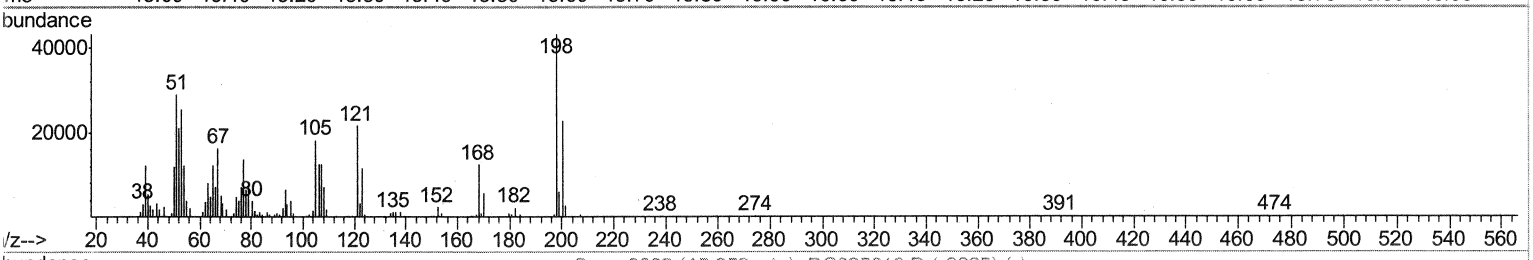

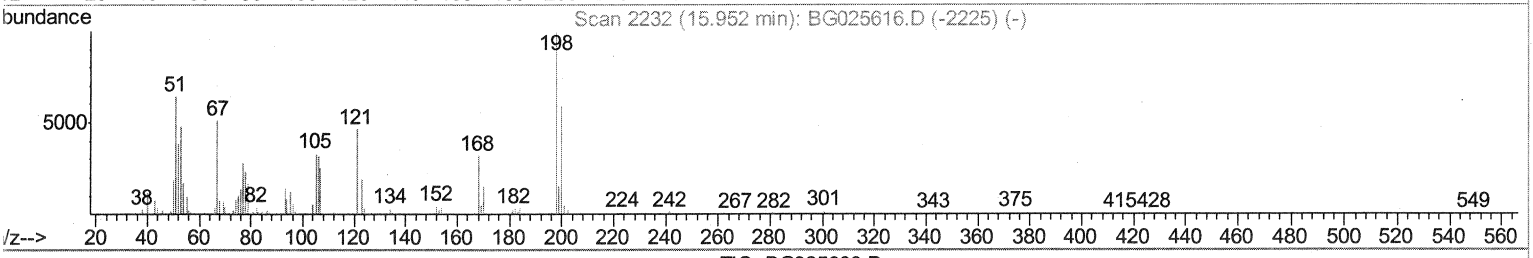

TIC: BG025633.D

(63) 4,6-Dinitro-2-methylphenol

15.952min (-0.001) 18.67ng/ul m SJ 1/27/17

response 77595

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	5.20#
77.00	28.00	31.46
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:09:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
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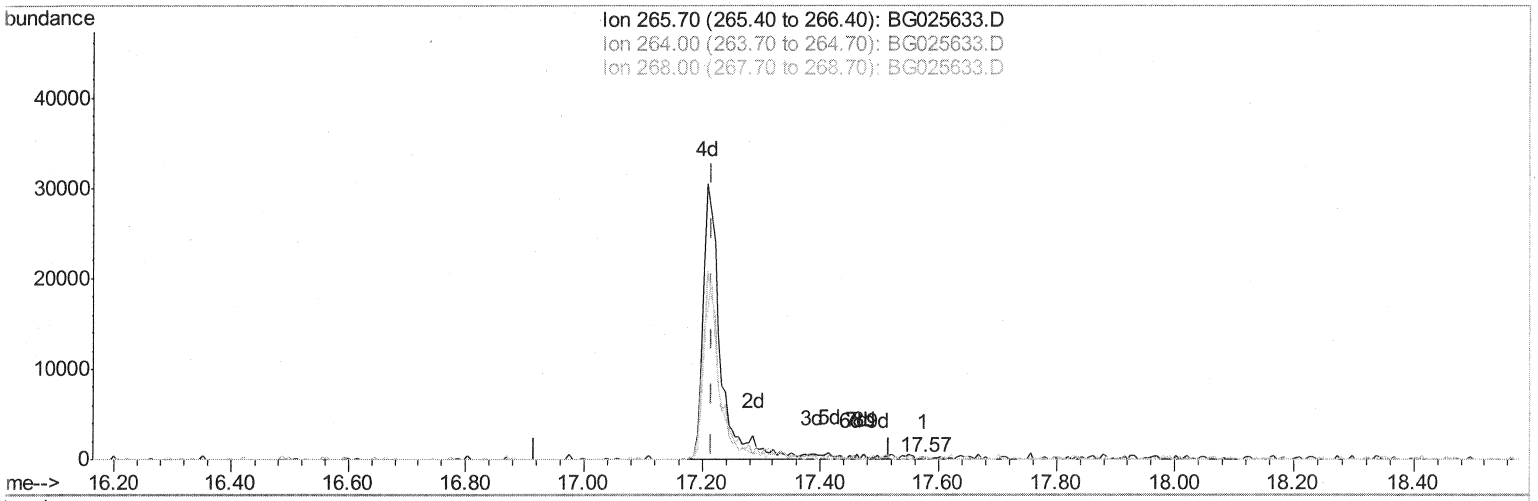

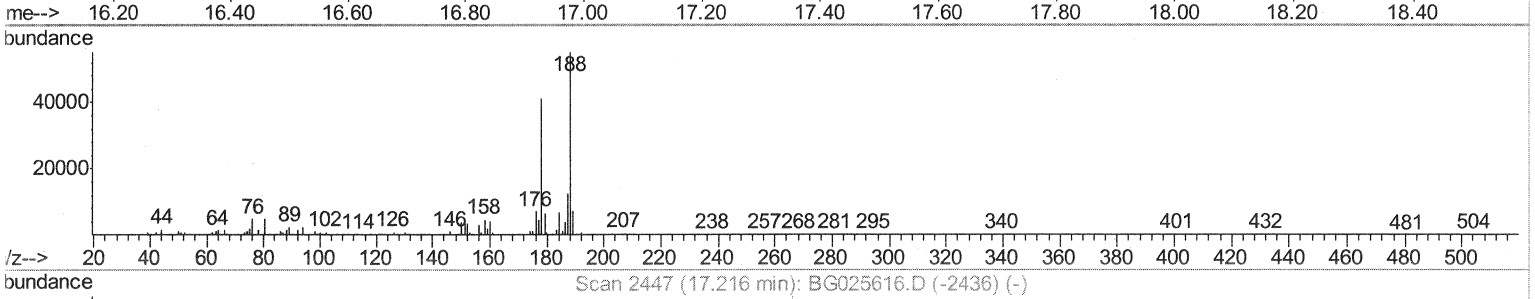

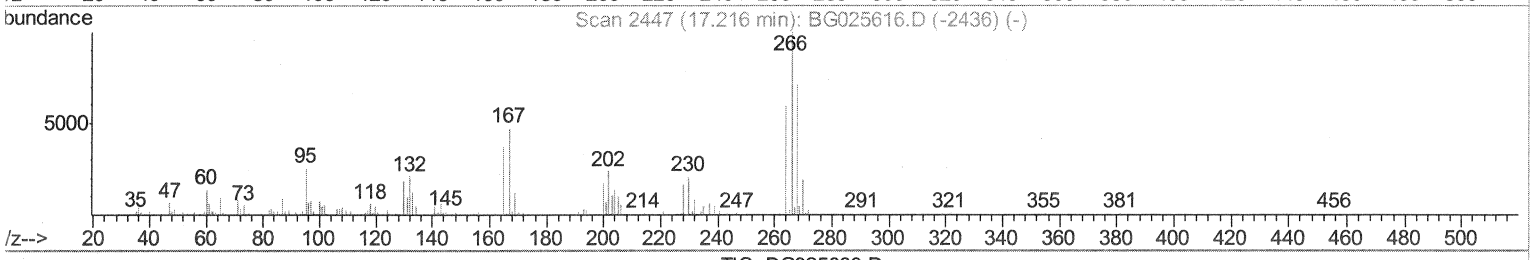

TIC: BG025633.D

(68) Pentachlorophenol (C)

17.574min (+0.358) 0.02ng/ul

response 88

Ion	Exp%	Act%
265.70	100	100
264.00	58.90	67.07
268.00	70.30	75.90
0.00	0.00	0.00

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Misc :
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Quant Time: Jan 25 18:09:33 2017
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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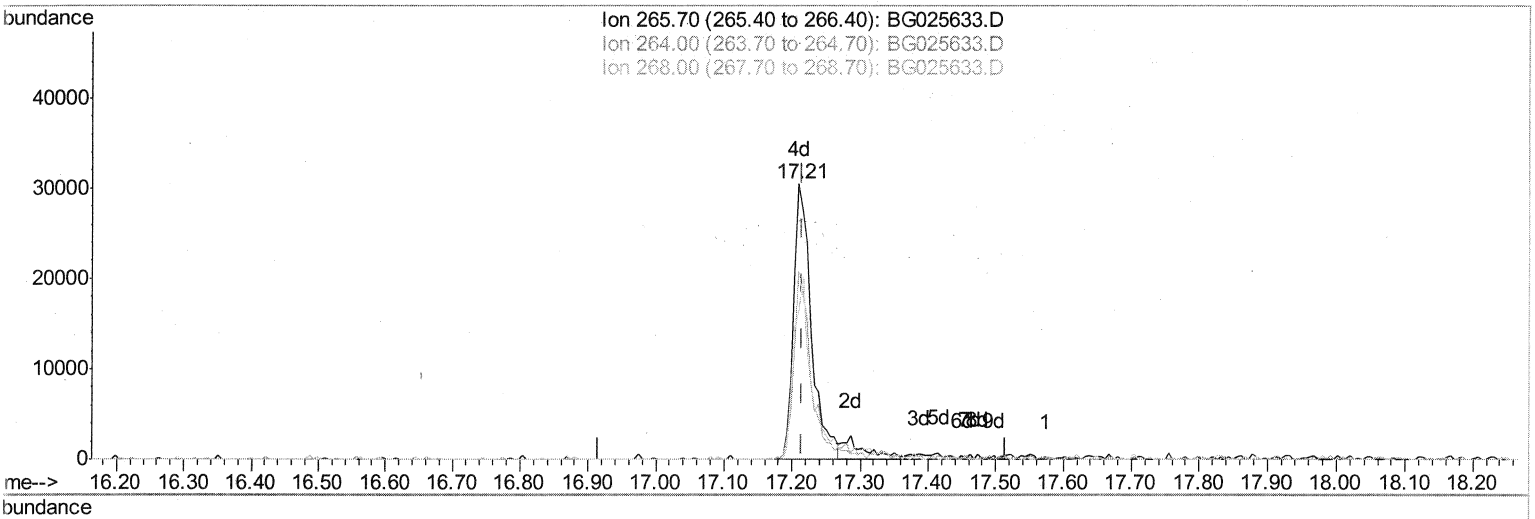

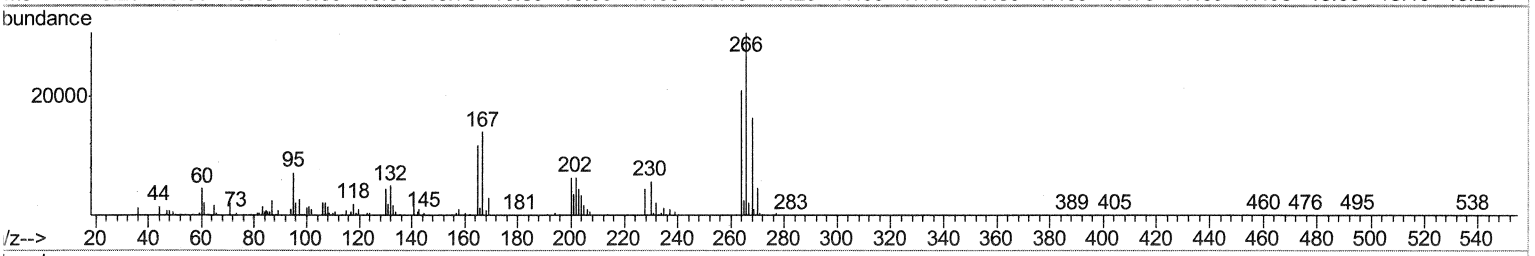

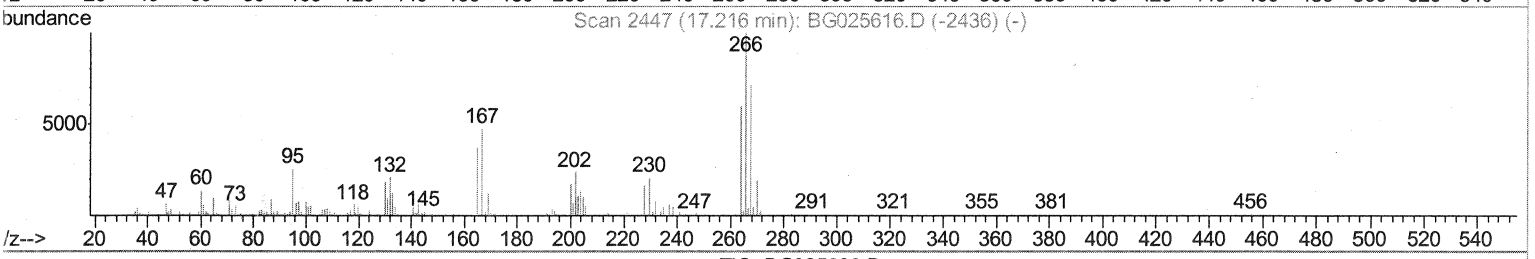

TIC: BG025633.D

(68) Pentachlorophenol (C)

17.209min (-0.006) 15.54ng/ul m SJ 1/27/17

response 55736

Ion	Exp%	Act%
265.70	100	100
264.00	58.90	68.41
268.00	70.30	53.55#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:09:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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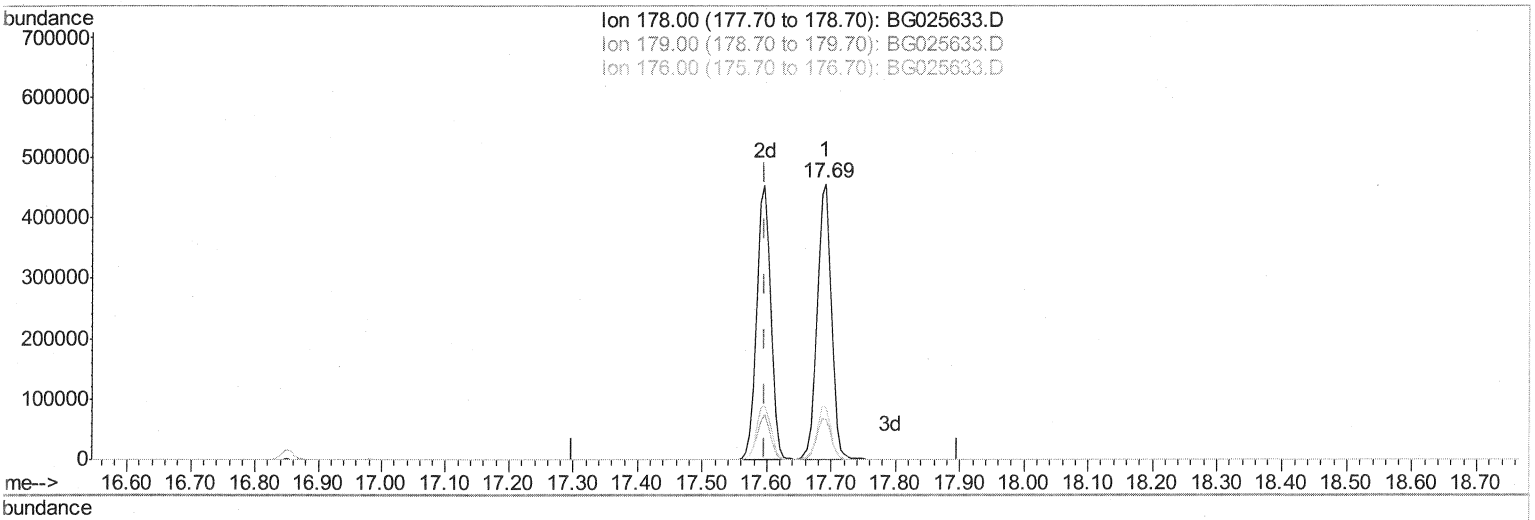

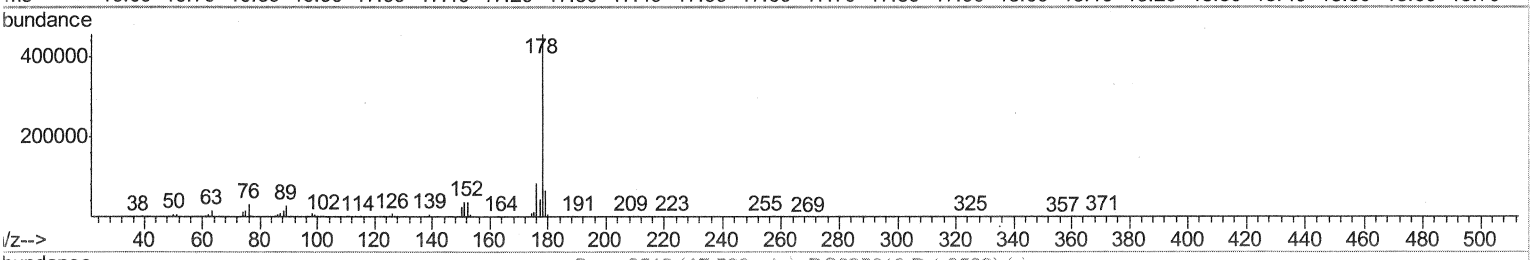

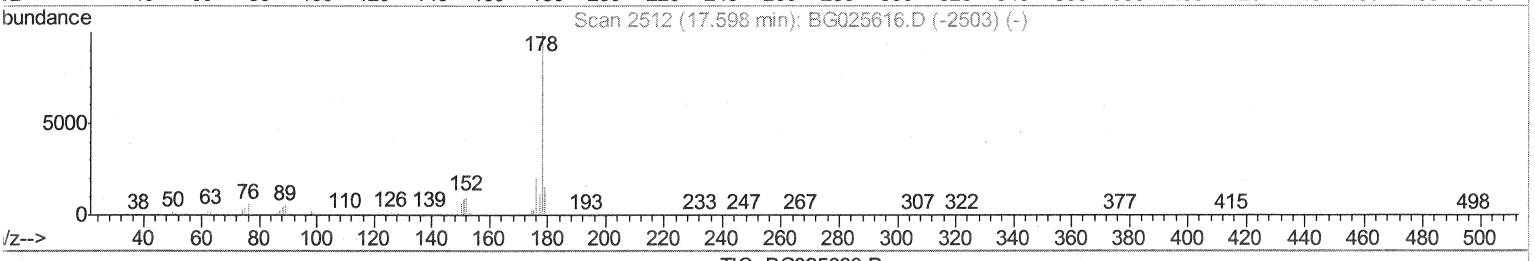

TIC: BG025633.D

(69) Phenanthrene

17.691min (+0.093) 22.25ng/ul

response 707106

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	14.52
176.00	20.60	18.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
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Operator : SJ/MA
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Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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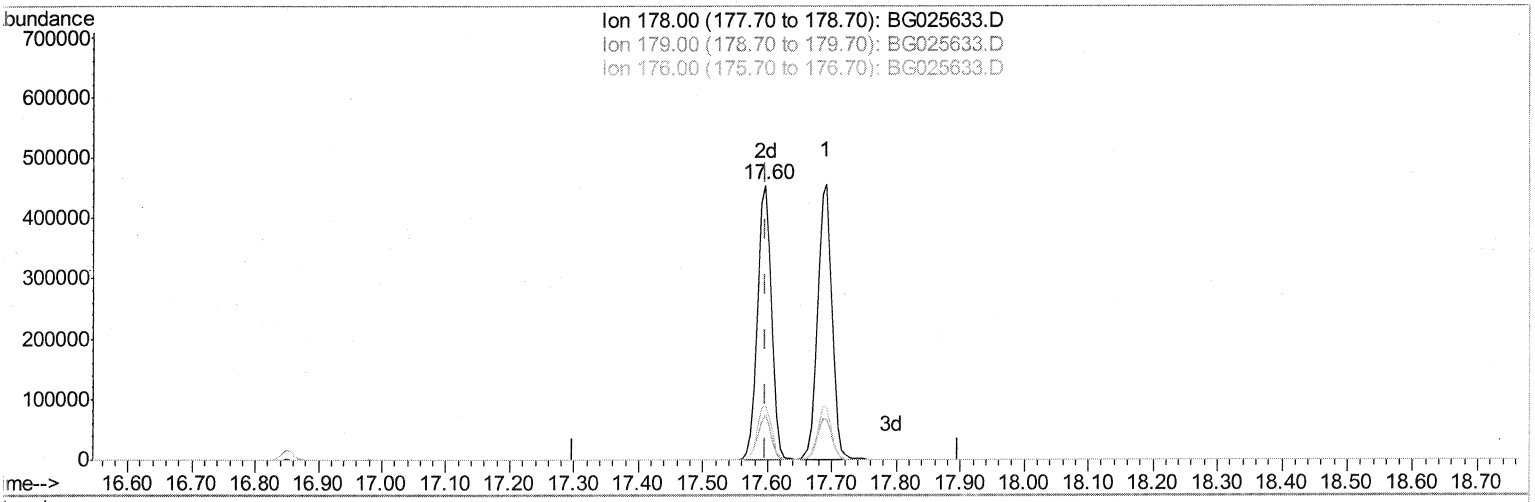

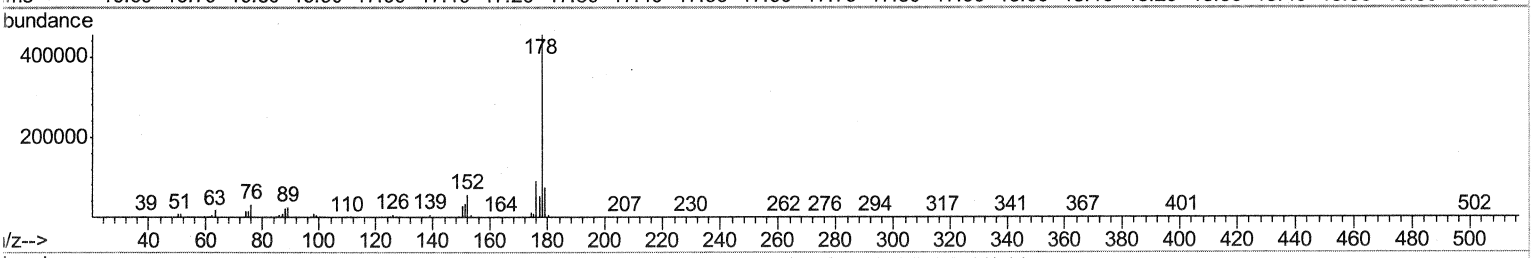

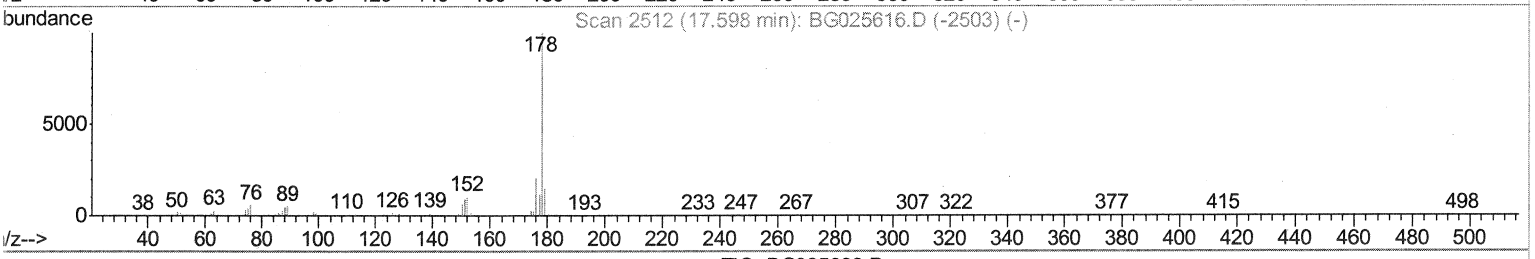

TIC: BG025633.D

(69) Phenanthrene

17.597min (-0.001) 21.87ng/ul m SJ 1/27/17

response 695175

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.34
176.00	20.60	19.71
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025633.D
Acq On : 25 Jan 2017 12:53
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Sample : SSTDCCC020
Misc :
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Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
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SJ 1/27/17

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71672	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	312145	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	281011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	653783m)	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	781165	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	817387	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	10397	7.26	ng/uL	0.00
5) Phenol-d5	7.34	99	123254	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	81168	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	88976	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	111093	21.28	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	46393	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	56377	21.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	113411	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	137987	23.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	417219	21.02	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	466091	21.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	51486	18.93	ng/ul	0.00
57) Fluorene-d10	15.79	176	393265	21.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	80414	19.94	ng/ul	0.00
70) Anthracene-d10	17.65	188	608057	21.84	ng/ul	0.00
76) Pyrene-d10	19.93	212	716284	22.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	731377	21.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	15025	8.88	ng/uL#	91
4) Benzaldehyde	7.31	77	99783	23.59	ng/ul	93
6) Phenol	7.37	94	129885	20.13	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.59	93	96774	21.00	ng/ul	95
10) 2-Chlorophenol	7.74	128	84564	19.71	ng/ul	91
11) 2-Methylphenol	8.63	108	97495	20.28	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.70	45	188385	21.51	ng/ul#	91
14) Acetophenone	9.01	105	173219	21.24	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.98	70	102048	20.91	ng/ul#	94
16) 4-Methylphenol	8.95	108	106872	20.28	ng/ul	90
17) Hexachloroethane	9.25	117	41821	20.93	ng/ul	97
20) Nitrobenzene	9.41	77	159157	22.47	ng/ul	94
21) Isophorone	9.91	82	283353	21.30	ng/ul	95
23) 2-Nitrophenol	10.12	139	58267	21.61	ng/ul	94
24) 2,4-Dimethylphenol	10.16	107	135581	20.86	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.39	93	149023	22.20	ng/ul	94
27) 2,4-Dichlorophenol	10.66	162	110764	21.90	ng/ul	97
28) Naphthalene	11.05	128	321788	22.33	ng/ul	96
30) 4-Chloroaniline	11.18	127	135818	23.15	ng/ul	92
31) Hexachlorobutadiene	11.31	225	94103	21.30	ng/ul	93
32) Caprolactam	11.93	113	46694	21.96	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.29	107	137091	22.32	ng/ul	98
34) 2-Methylnaphthalene	12.64	142	258946	22.01	ng/ul	95

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
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Acq On : 25 Jan 2017 12:53
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 18:10:44 2017
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Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	178476	21.09 ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	74203	22.22 ng/ul	99
38) 2,4,6-Trichlorophenol	13.26	196	101822	19.88 ng/ul	91
39) 2,4,5-Trichlorophenol	13.34	196	110384	20.55 ng/ul	98
40) 1,1'-Biphenyl	13.64	154	358642	20.60 ng/ul	99
41) 2-Chloronaphthalene	13.69	162	290521	21.50 ng/ul	99
42) 2-Nitroaniline	13.91	65	123289	21.04 ng/ul	95
44) Dimethylphthalate	14.25	163	404681	20.74 ng/ul#	98
45) 2,6-Dinitrotoluene	14.39	165	89323	22.24 ng/ul#	94
47) Acenaphthylene	14.53	152	453568	21.73 ng/ul	96
48) 3-Nitroaniline	14.74	138	85875	23.63 ng/ul#	89
49) Acenaphthene	14.87	153	311363	20.94 ng/ul	92
50) 2,4-Dinitrophenol	14.96	184	45261	19.17 ng/ul	86
52) 4-Nitrophenol	15.05	109	69958	18.57 ng/ul	96
53) Dibenzofuran	15.21	168	490888	21.48 ng/ul	99
54) 2,4-Dinitrotoluene	15.19	165	131722	21.50 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.43	232	107179	18.86 ng/ul#	95
56) Diethylphthalate	15.59	149	430064	20.39 ng/ul	97
58) Fluorene	15.85	166	402740	21.58 ng/ul#	95
59) 4-Chlorophenyl-phenylether	15.83	204	220411	20.94 ng/ul	89
60) 4-Nitroaniline	15.90	138	78359	22.28 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.95	198	77595m	18.67 ng/ul	
64) N-Nitrosodiphenylamine	16.05	169	365813	21.70 ng/ul	99
65) 4-Bromophenyl-phenylether	16.72	248	158896	20.94 ng/ul	93
66) Hexachlorobenzene	16.85	284	180786	20.97 ng/ul	99
67) Atrazine	16.99	200	171450	21.65 ng/ul	96
68) Pentachlorophenol	17.21	266	55736m	15.54 ng/ul	
69) Phenanthrene	17.60	178	695175m	21.87 ng/ul	
71) Anthracene	17.69	178	707106	22.13 ng/ul	97
72) Carbazole	17.96	167	588733	22.22 ng/ul	98
73) Di-n-butylphthalate	18.47	149	731005	21.34 ng/ul	99
74) Fluoranthene	19.59	202	849070	22.64 ng/ul	99
77) Pyrene	19.96	202	854504	22.25 ng/ul	98
78) Butylbenzylphthalate	20.81	149	334211	22.37 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.73	252	340890	23.78 ng/ul#	95
80) Benzo(a)anthracene	21.82	228	903338	21.88 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	475871	22.82 ng/ul	99
82) Chrysene	21.89	228	864624	22.27 ng/ul	97
84) Di-n-octyl phthalate	22.91	149	814590	23.22 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	889402	21.02 ng/ul	100
86) Benzo(k)fluoranthene	24.21	252	878393	22.13 ng/ul	97
88) Benzo(a)pyrene	25.07	252	877500	21.93 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.14	276	1068466	21.08 ng/ul	98
90) Dibenzo(a,h)anthracene	29.17	278	890590	21.10 ng/ul	98
91) Benzo(g,h,i)perylene	30.37	276	893479	21.47 ng/ul	97

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