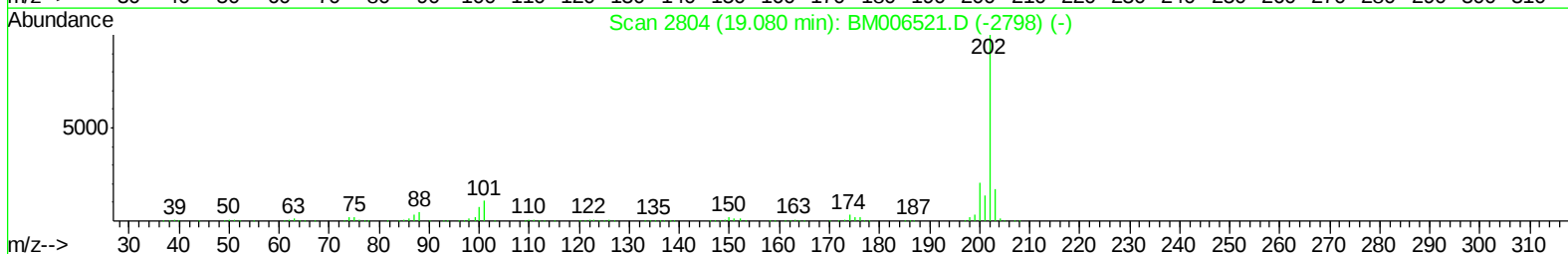
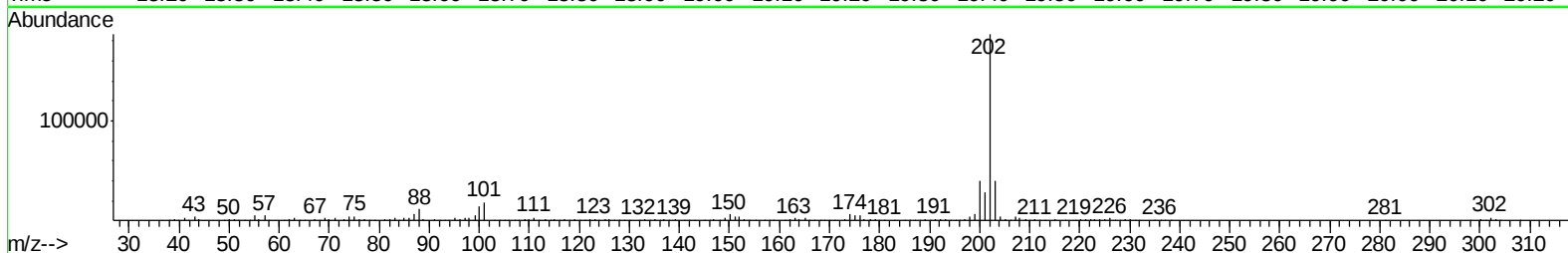
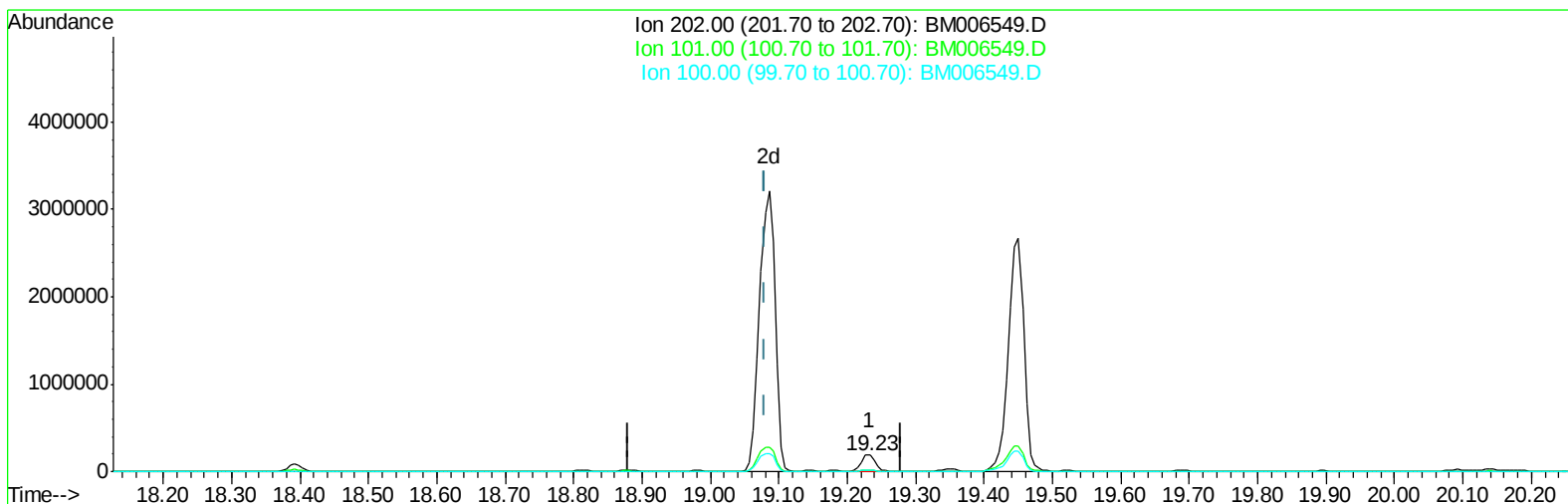


Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
Data File : BM006549.D
Acq On : 20 Jul 2016 10:06
Operator : UM/SJ
Sample : H3959-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 20 14:01:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration



TIC: BM006549.D

(74) Fluoranthene (C)

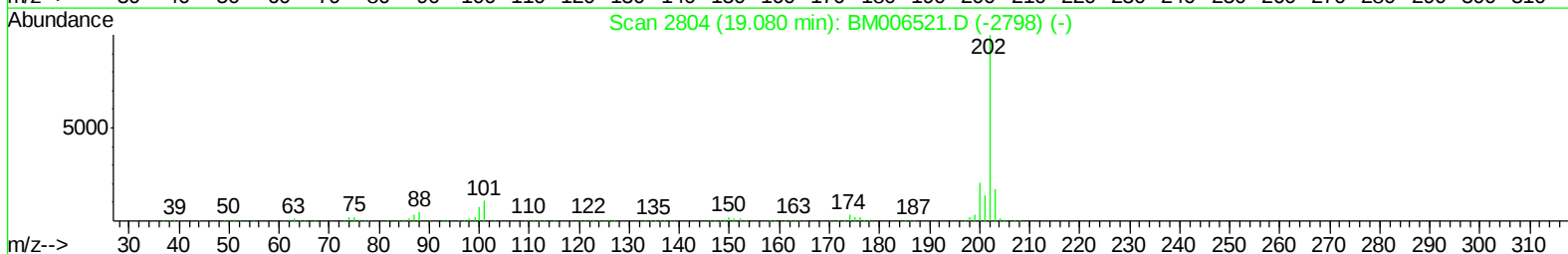
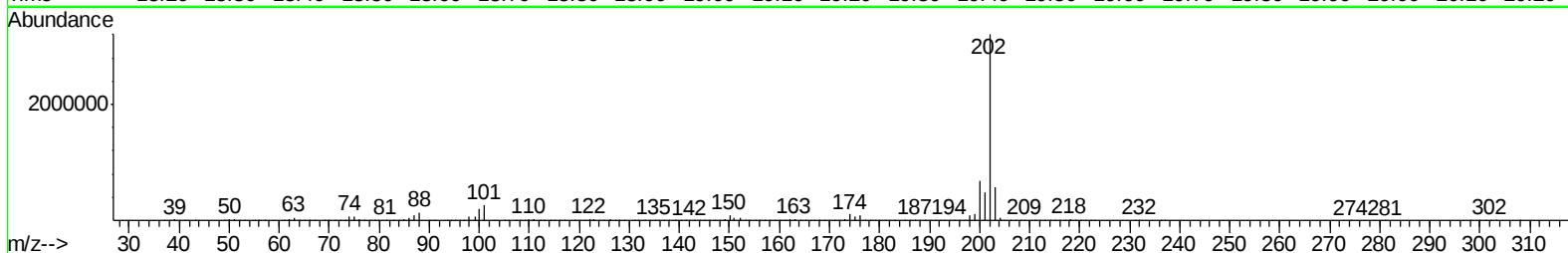
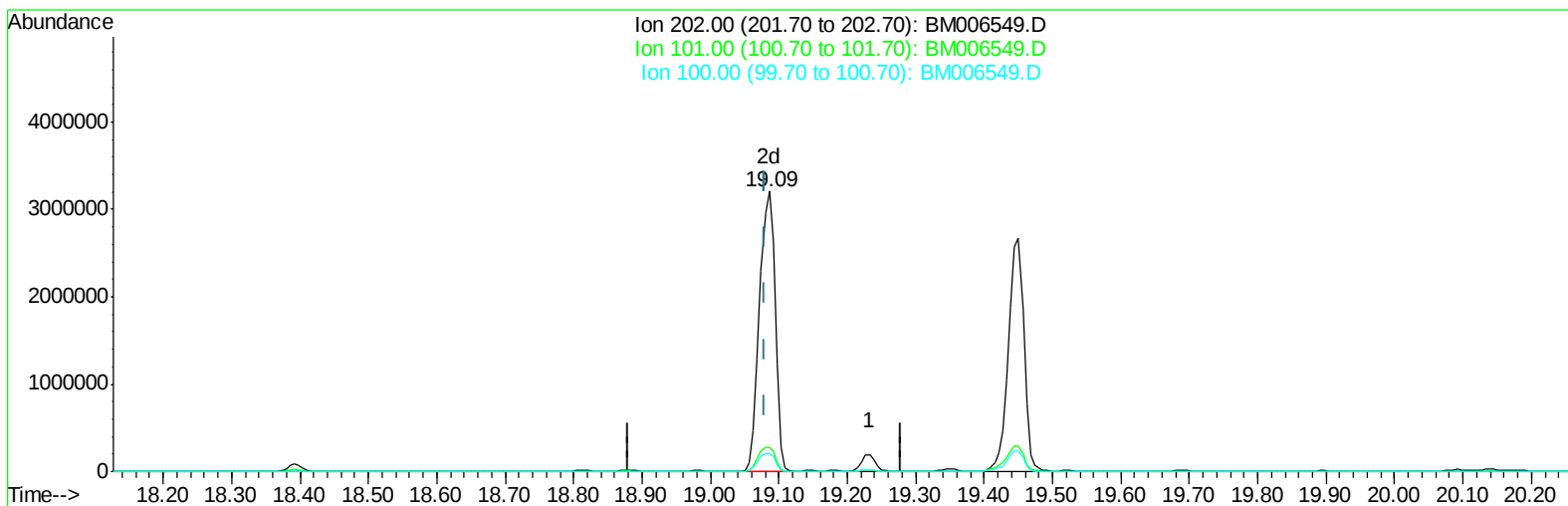
19.233min (+0.153) 3.93ng/ul

response 251037

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	10.01
100.00	8.00	7.63
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
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Sample : H3959-06
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
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TIC: BM006549.D

(74) Fluoranthene (C)

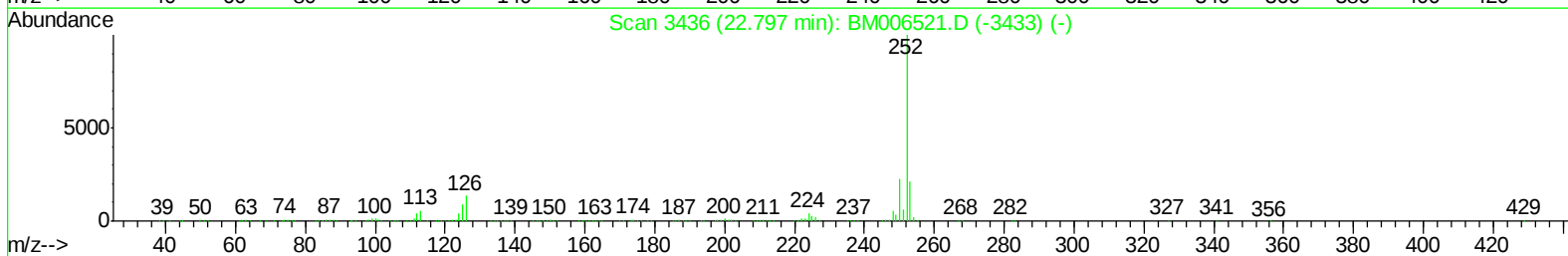
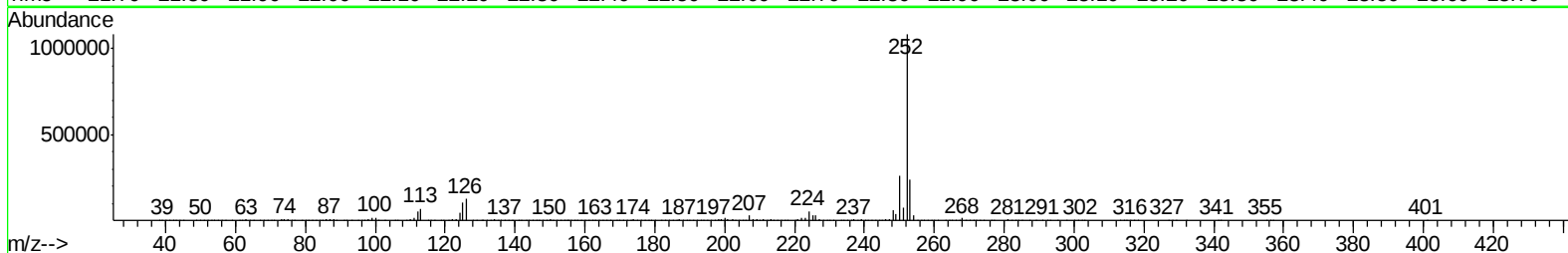
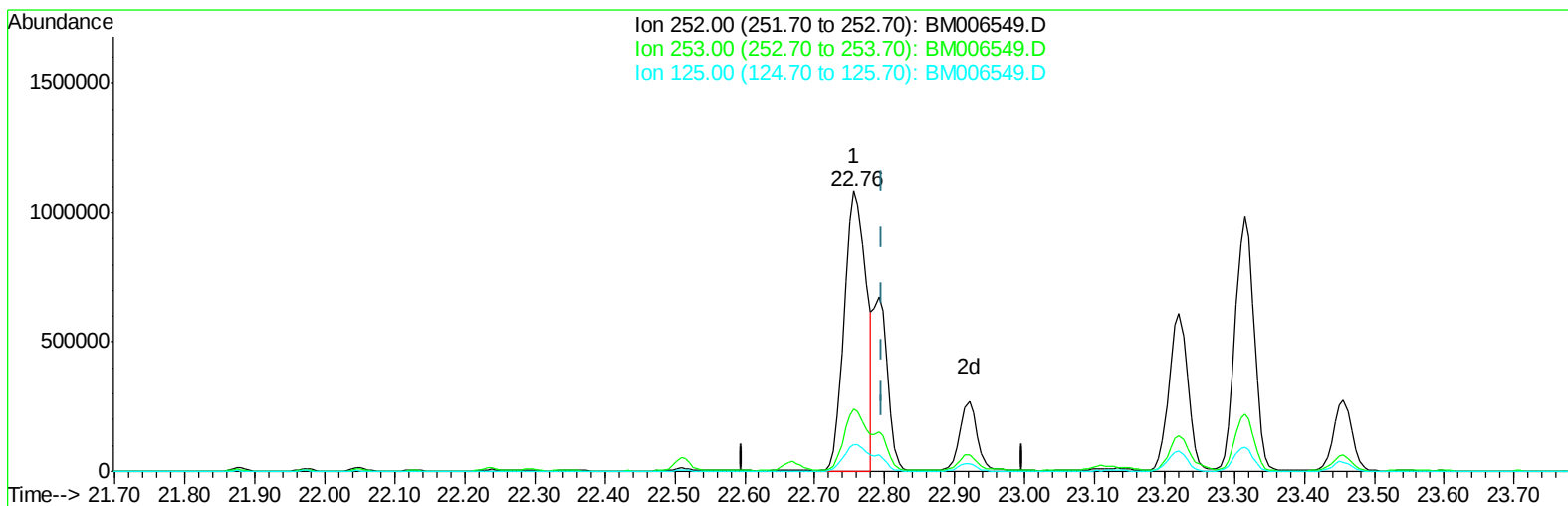
19.086min (+0.006) 80.24ng/ul m

response 5123875

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	8.57
100.00	8.00	6.28#
0.00	0.00	0.00

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Sample : H3959-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 20 14:01:27 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration



TIC: BM006549.D

(86) Benzo(k)fluoranthene

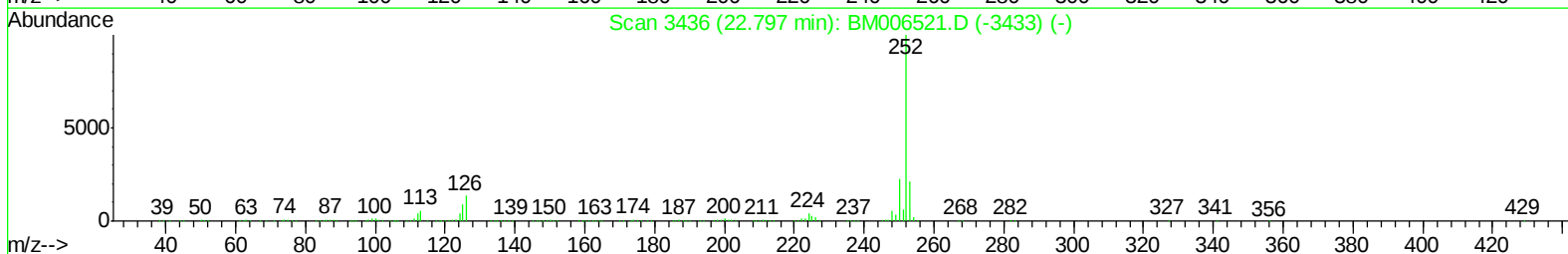
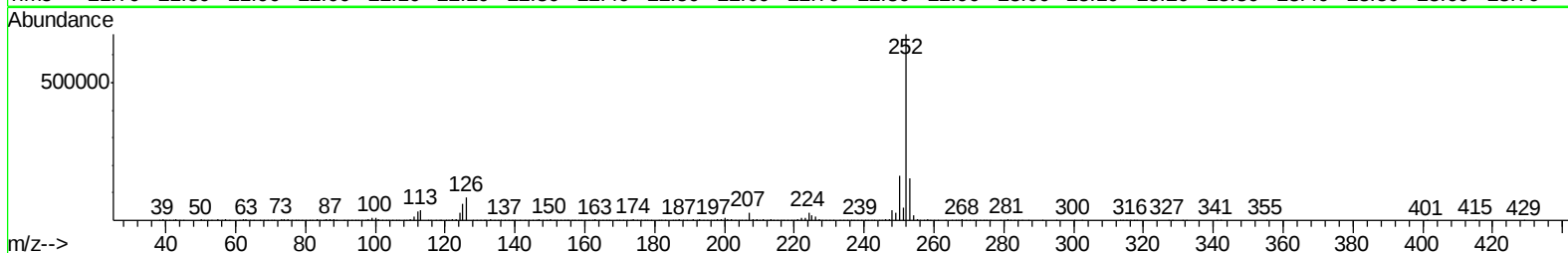
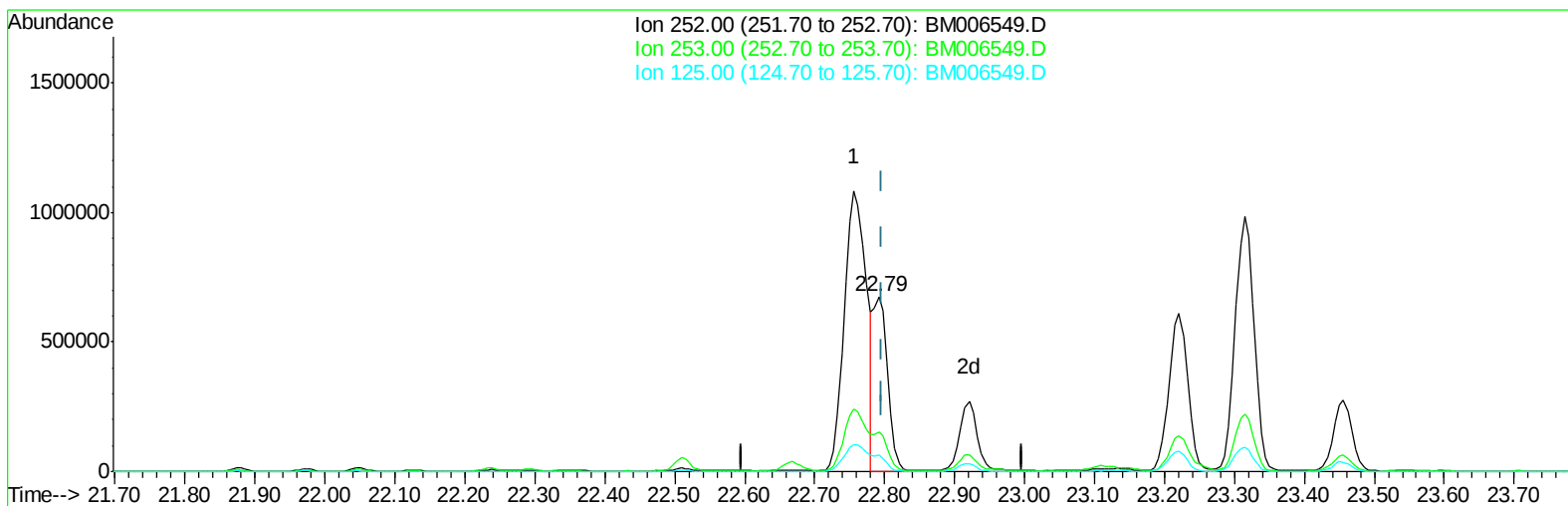
22.756min (-0.041) 33.34ng/ul

response 2392820

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.26
125.00	8.70	9.56
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 20 14:01:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
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QLast Update : Wed Jul 20 04:22:37 2016
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TIC: BM006549.D

(86) Benzo(k)fluoranthene

22.791min (-0.006) 13.37ng/ul m

response 959128

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.65
125.00	8.70	9.29
0.00	0.00	0.00

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 Acq On : 20 Jul 2016 10:06
 Operator : UM/SJ
 Sample : H3959-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 20 14:06:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	205094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	839688	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	456872	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	999314	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1074298	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1276508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	6905	1.42	ng/uL	0.00
5) Phenol-d5	6.79	99	260940	15.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	166220	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	207571	15.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	200787	15.03	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	97591	15.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	105252	14.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	190392	14.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	258743	18.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	582760	15.58	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	741126	16.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	82141	12.65	ng/ul	0.00
57) Fluorene-d10	15.26	176	523633	15.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	59746	10.34	ng/ul	0.00
70) Anthracene-d10	17.12	188	790155	16.73	ng/ul	0.00
76) Pyrene-d10	19.42	212	852343	17.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1000152	17.13	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.46	128	13593733	318.95 ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1166281	36.31 ng/ul	99
40) 1,1'-Biphenyl	13.09	154	397083	10.54 ng/ul	98
44) Dimethylphthalate	13.72	163	124867	3.29 ng/ul	100
47) Acenaphthylene	13.98	152	186261	3.87 ng/ul#	95
49) Acenaphthene	14.33	153	1874466	60.51 ng/ul	98
53) Dibenzofuran	14.67	168	1467120	32.53 ng/ul	99
58) Fluorene	15.32	166	1468802	40.72 ng/ul	100
69) Phenanthrene	17.06	178	5532177	100.68 ng/ul	98
71) Anthracene	17.15	178	2347325	41.53 ng/ul	99
72) Carbazole	17.42	167	403959	8.45 ng/ul	99
74) Fluoranthene	19.09	202	5123875m	80.24 ng/ul	
77) Pyrene	19.45	202	4216813	65.74 ng/ul	96
80) Benzo(a)anthracene	21.20	228	2193892	33.46 ng/ul	95
82) Chrysene	21.25	228	2011732	32.59 ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	2392820	31.36 ng/ul	98
86) Benzo(k)fluoranthene	22.79	252	959128m	13.37 ng/ul	
88) Benzo(a)pyrene	23.31	252	1840142	25.18 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	1177513	13.85 ng/ul	95
90) Dibenzo(a,h)anthracene	25.60	278	317623	4.50 ng/ul#	86
91) Benzo(g,h,i)perylene	26.27	276	949399	12.63 ng/ul	99

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

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

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