

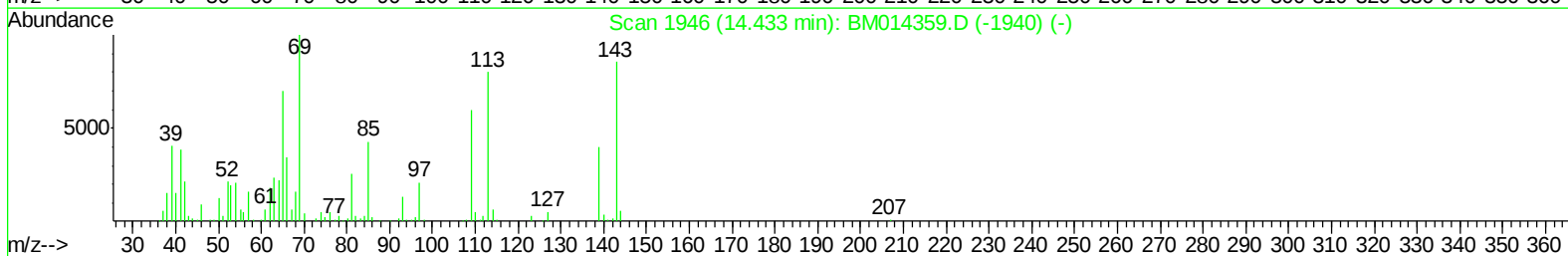
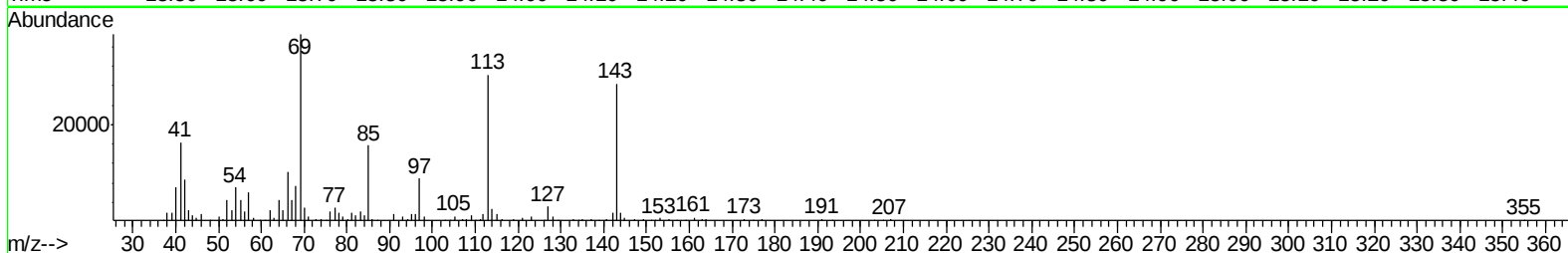
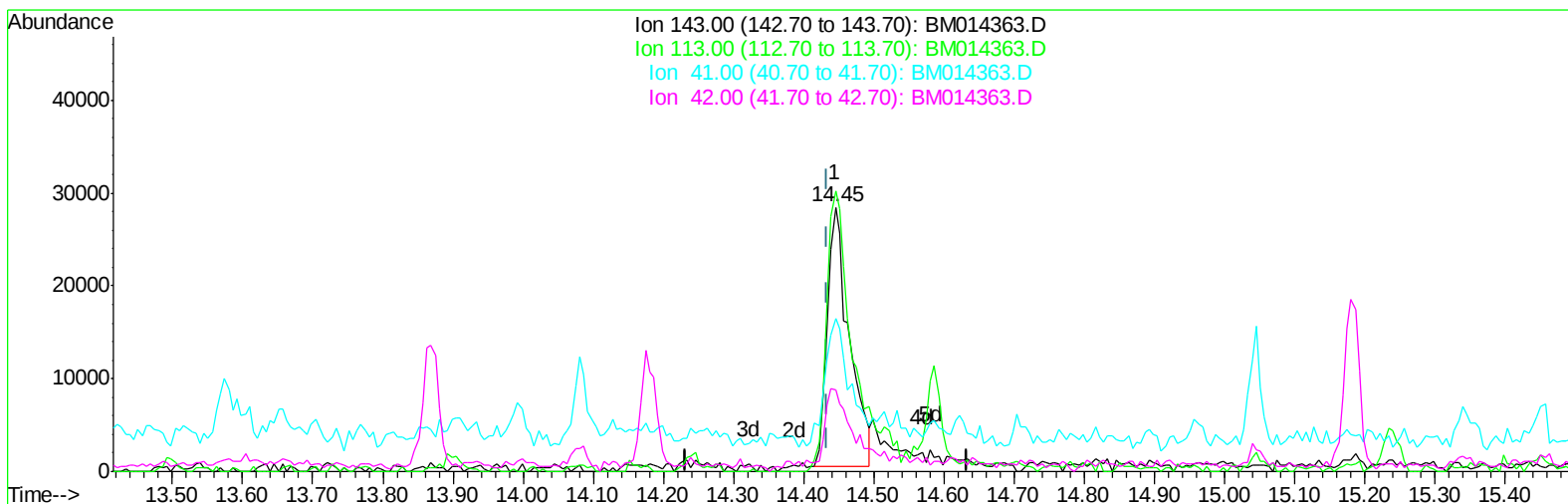
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014363.D
Acq On : 26 Feb 2018 19:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:22 PM

Quant Time: Feb 27 03:23:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014363.D

(51) 4-Nitrophenol-d4 (S)

14.445min (+0.012) 15.18ng/ul

response 60441

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	106.19
41.00	34.80	57.73#
42.00	20.50	30.79#

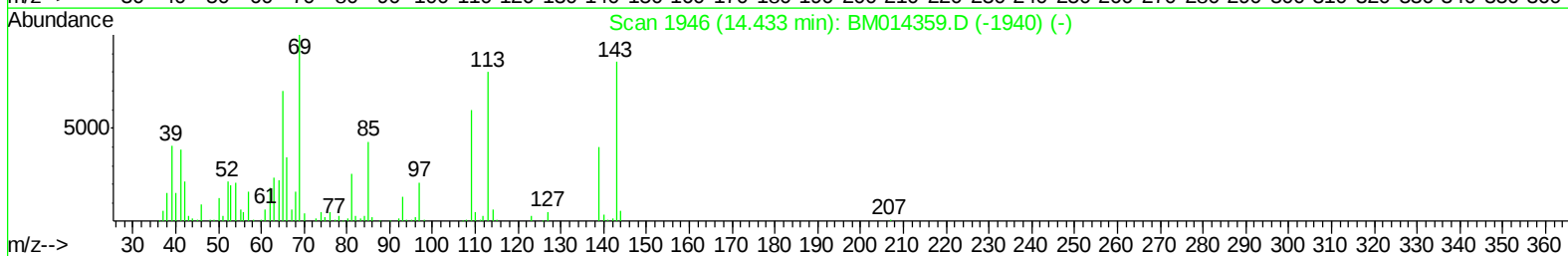
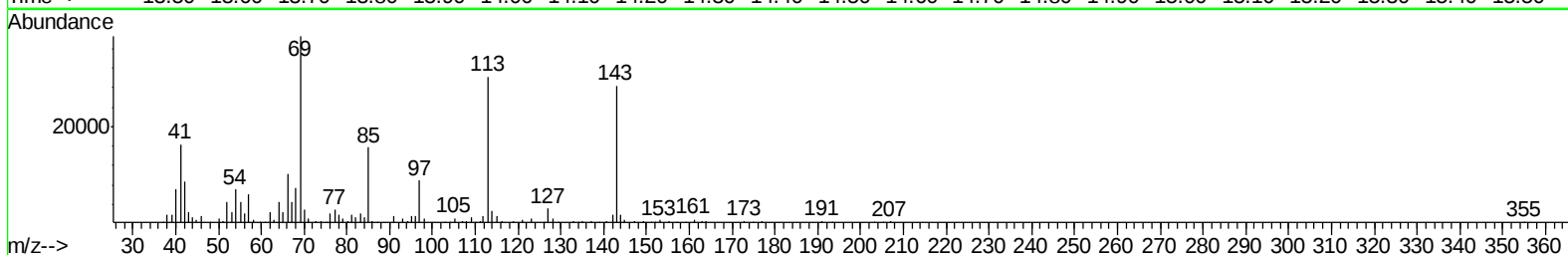
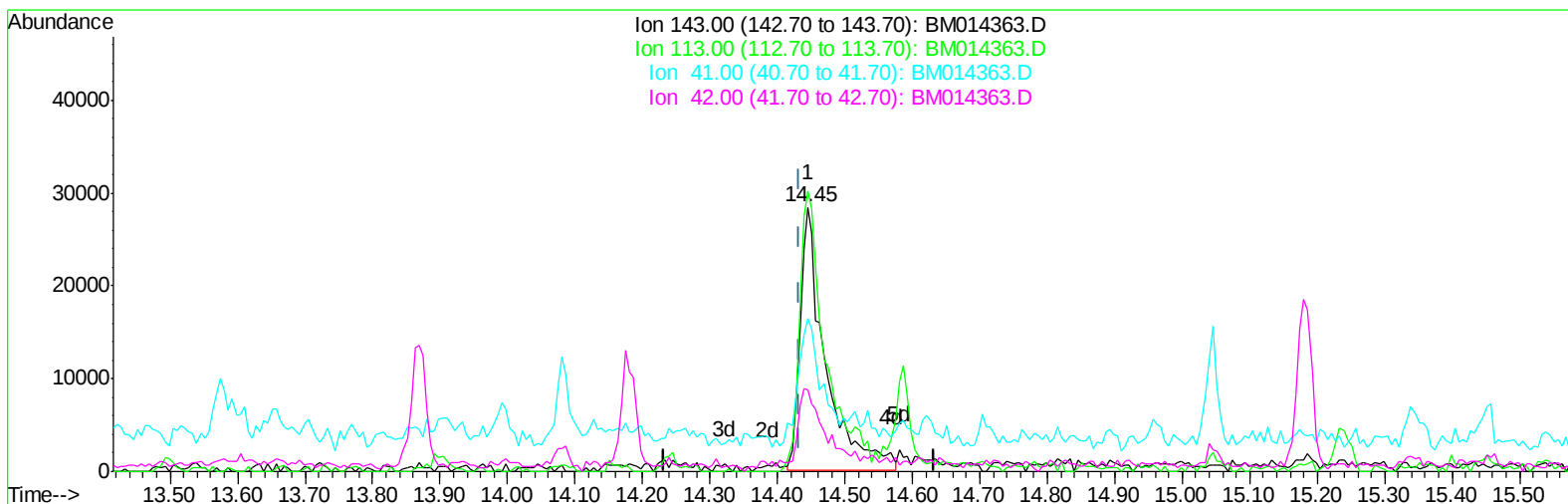
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2/27/2018 4:58:22 PM



TIC: BM014363.D

(51) 4-Nitrophenol-d4 (S)

14.445min (+0.012) 18.54ng/ul m

response 73815

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	106.19
41.00	34.80	57.73#
42.00	20.50	30.79#

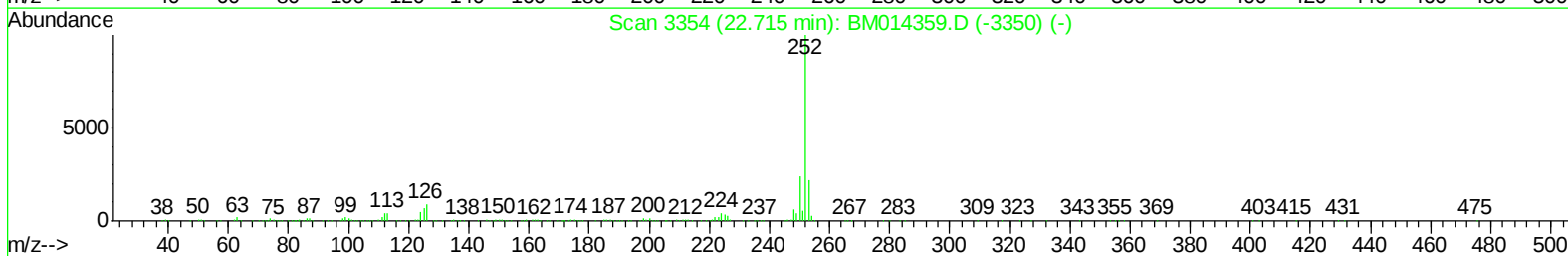
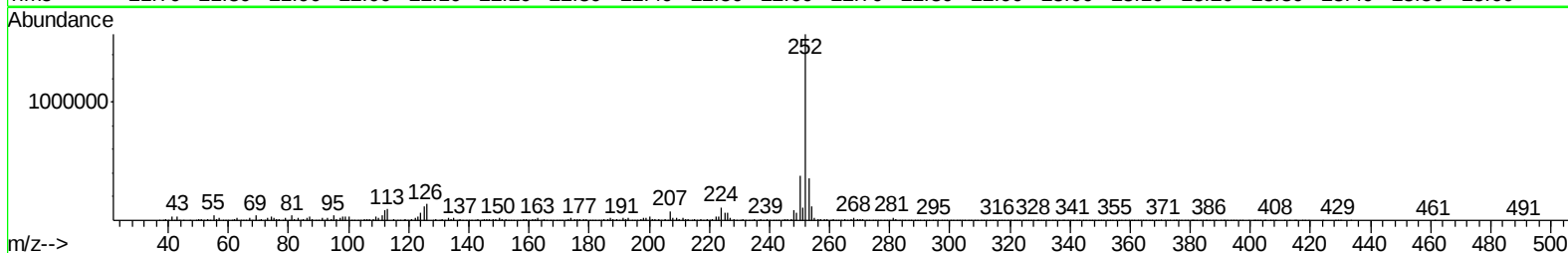
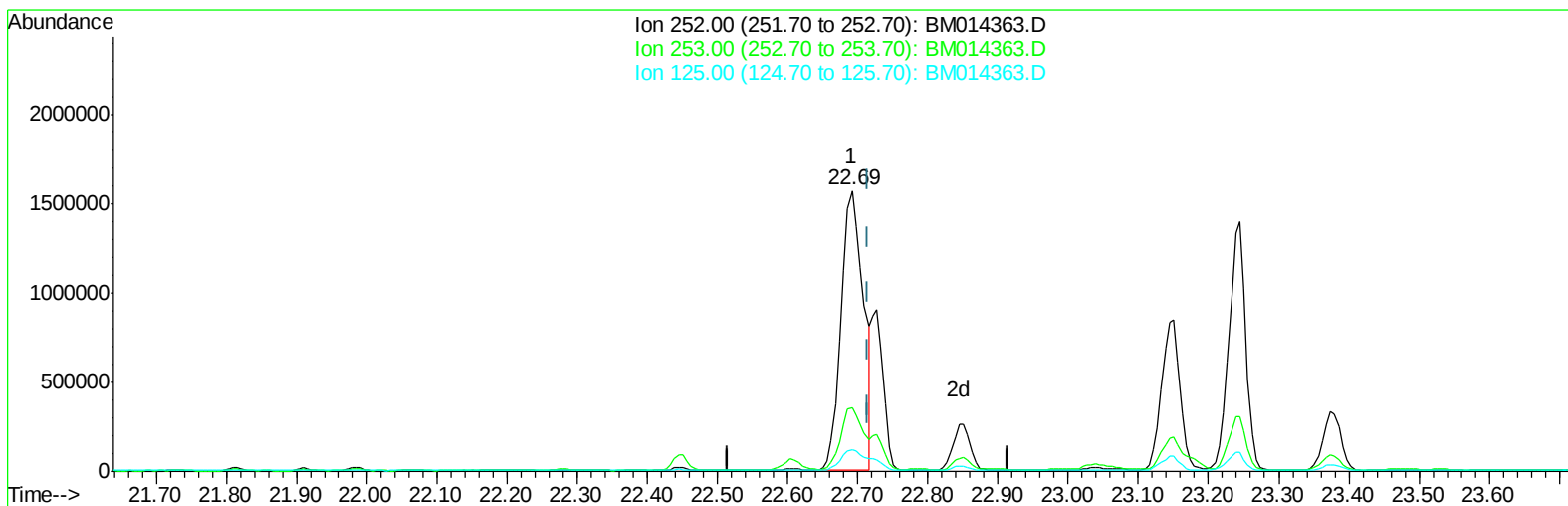
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Feb 27 04:17:00 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014363.D

(86) Benzo(k)fluoranthene

22.692min (-0.023) 105.57ng/ul

response 3433064

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.61
125.00	4.30	7.64#
0.00	0.00	0.00

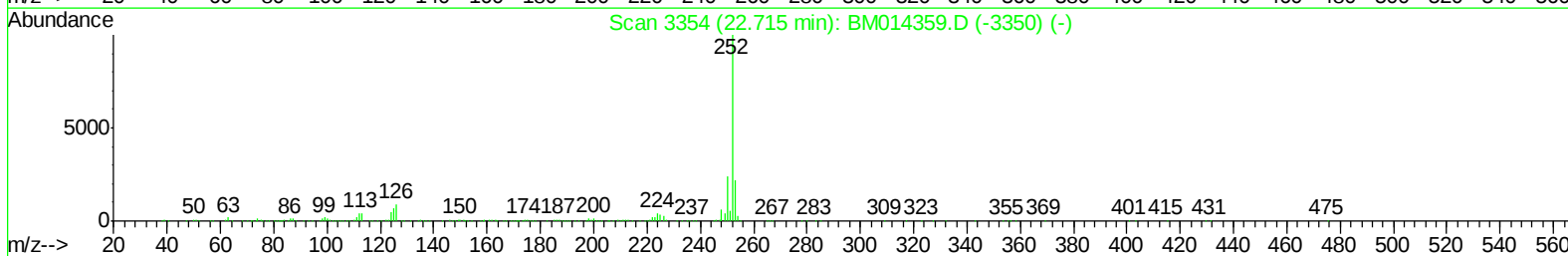
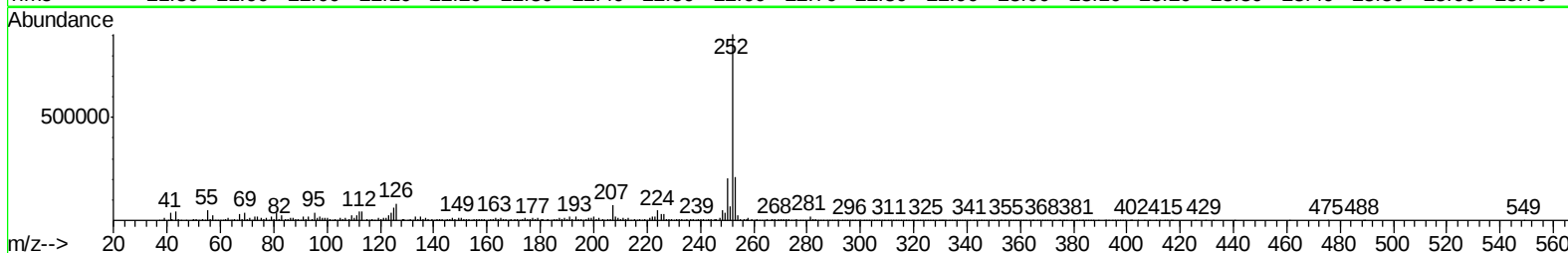
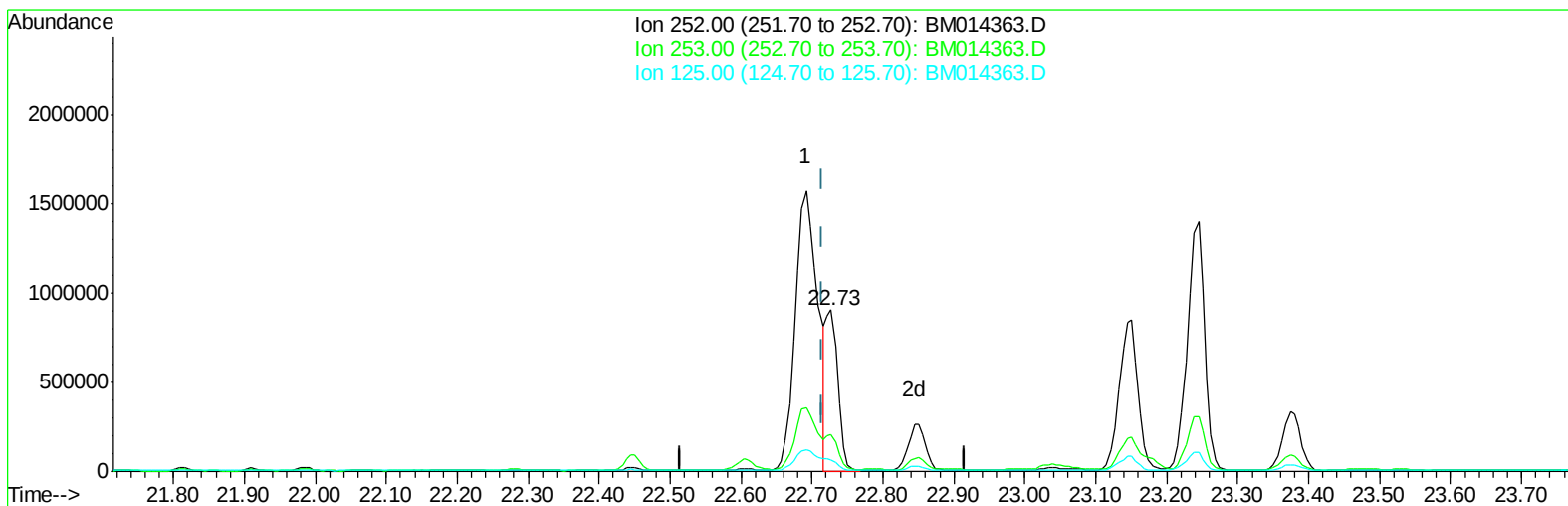
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Manual Integrations
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TIC: BM014363.D

(86) Benzo(k)fluoranthene

22.727min (+0.012) 32.95ng/ul m

response 1071545

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.17
125.00	4.30	7.22#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:22 PM

Quant Time: Feb 27 04:18:26 2018
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	130537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	584427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	349167	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	734735	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	581437	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	510831	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	10030	3.29	ng/uL	0.00
5) Phenol-d5	6.72	99	256623	23.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	159751	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	215147	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	198476	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	112161	25.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	125067	27.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	227861	24.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	125393	13.75	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	782422	27.13	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1011049	28.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	73815m	18.54	ng/ul	0.01
57) Fluorene-d10	15.18	176	676671	26.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	50599	11.48	ng/ul	0.00
70) Anthracene-d10	17.04	188	1021844	28.83	ng/ul	0.00
76) Pyrene-d10	19.35	212	969937	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	690626	27.78	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.75	94	25859	2.234	ng/ul#	88
14) Acetophenone	8.35	105	53385	3.205	ng/ul	97
24) 2,4-Dimethylphenol	9.48	107	17024	1.434	ng/ul#	40
28) Naphthalene	10.34	128	206860	6.892	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	67049	2.935	ng/ul	98
44) Dimethylphthalate	13.65	163	313556	11.028	ng/ul	99
47) Acenaphthylene	13.90	152	195737	5.824	ng/ul	97
49) Acenaphthene	14.25	153	167906	7.095	ng/ul	98
53) Dibenzofuran	14.59	168	182374	5.140	ng/ul#	87
58) Fluorene	15.24	166	226823	7.405	ng/ul	98
69) Phenanthrene	16.99	178	4230223	99.929	ng/ul	99
71) Anthracene	17.07	178	761330	17.883	ng/ul	98
72) Carbazole	17.36	167	351078	9.807	ng/ul#	97
74) Fluoranthene	19.02	202	6384590	126.237	ng/ul#	89
77) Pyrene	19.39	202	5593338	144.752	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	3090326	85.162	ng/ul	98
82) Chrysene	21.19	228	2789636	82.408	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	3433064	100.369	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	1071545m	32.950	ng/ul	
88) Benzo(a)pyrene	23.24	252	2354923	77.046	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	1360322	45.865	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.50	278	381471	15.479	ng/ul#	83
91) Benzo(g,h,i)perylene	26.16	276	969750	40.361	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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