

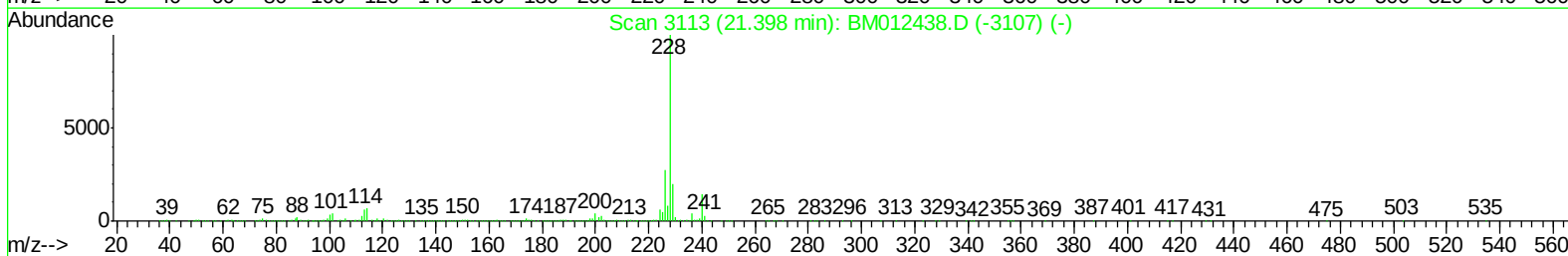
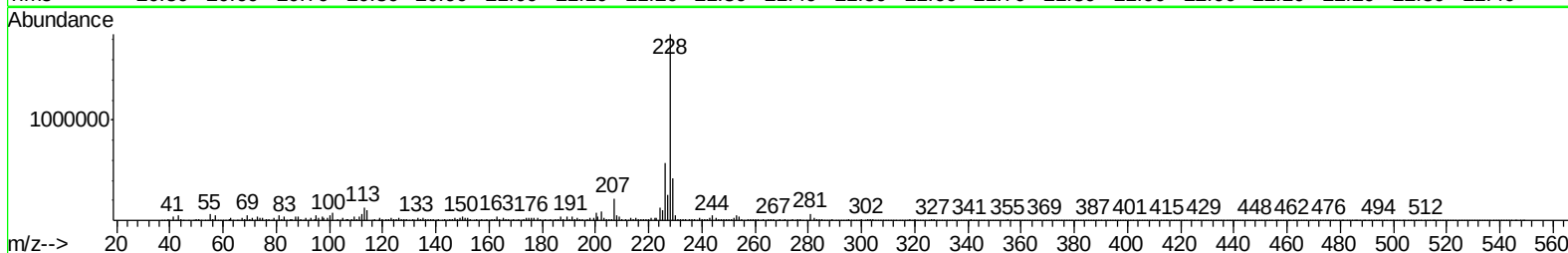
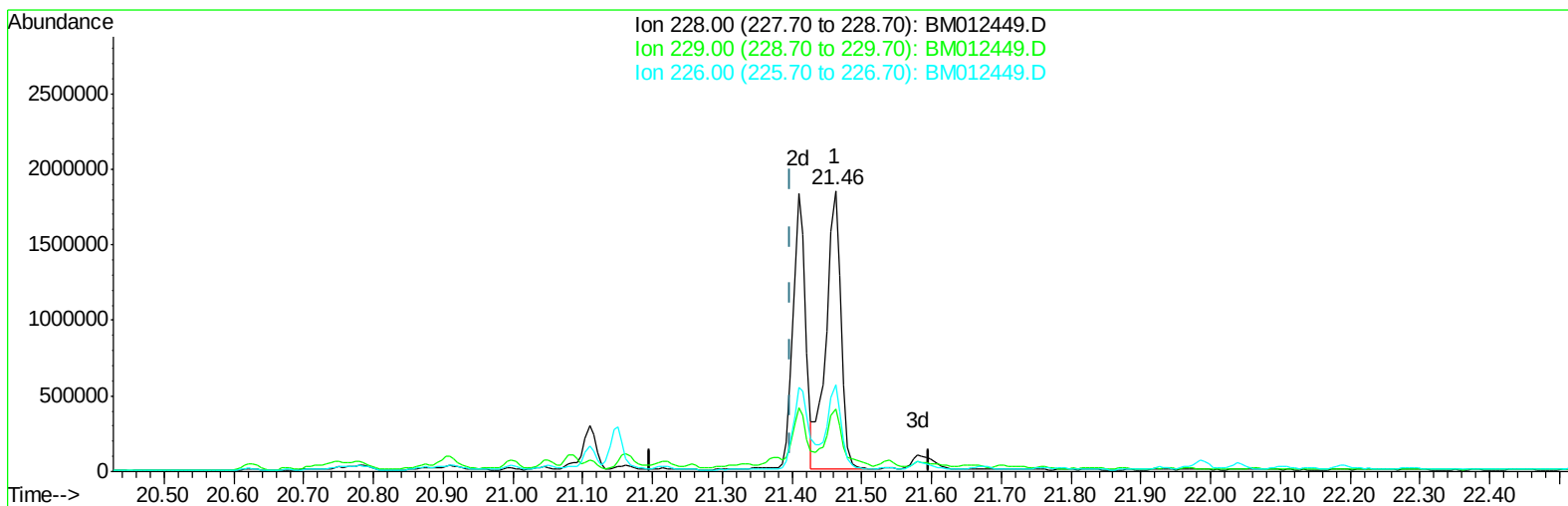
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012449.D
Acq On : 25 Oct 2017 17:18
Operator : SJ/JU
Sample : I5701-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CK4DL

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:01 AM

Quant Time: Oct 26 01:14:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration



TIC: BM012449.D

(80) Benzo(a)anthracene
21.462min (+0.064) 11.39ng/ul
response 2718854

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	22.44
226.00	26.70	31.07
0.00	0.00	0.00

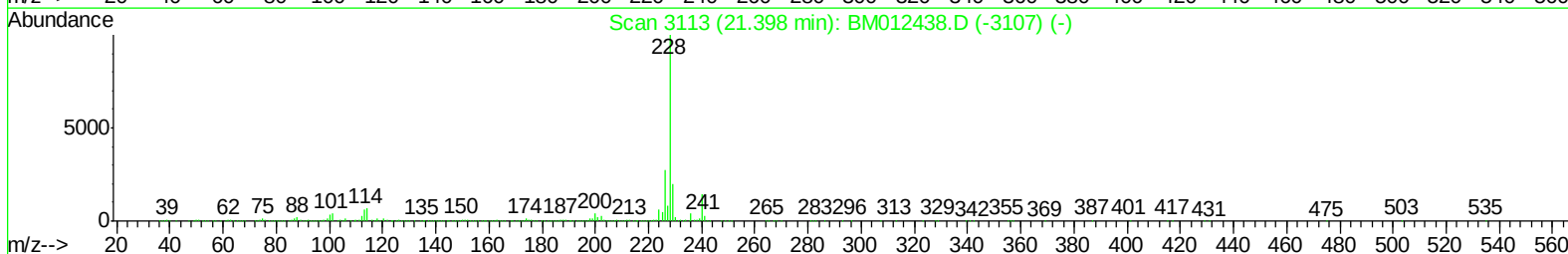
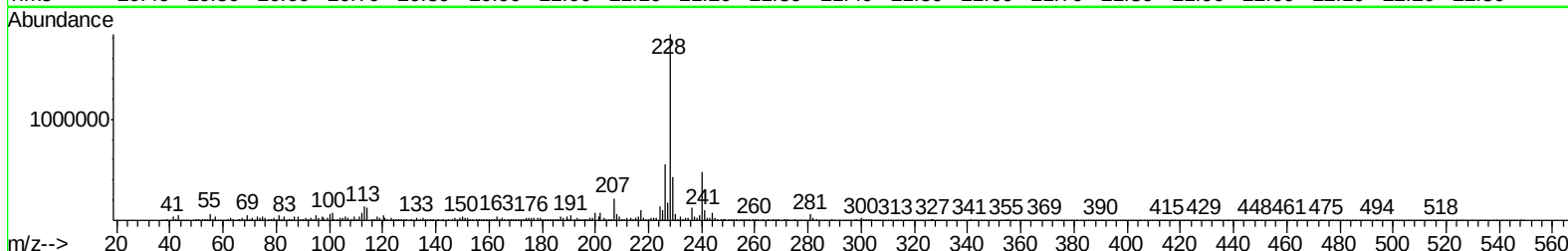
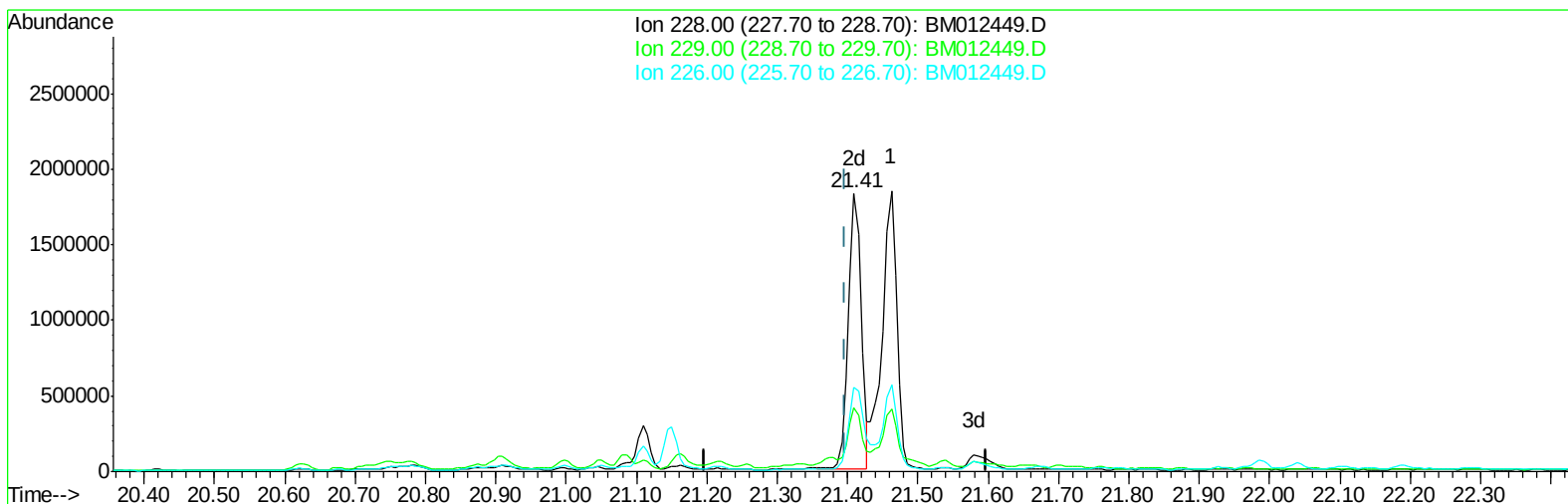
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(80) Benzo(a)anthracene

21.409min (+0.011) 9.75ng/ul m

response 2328166

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	23.13#
226.00	26.70	30.28
0.00	0.00	0.00

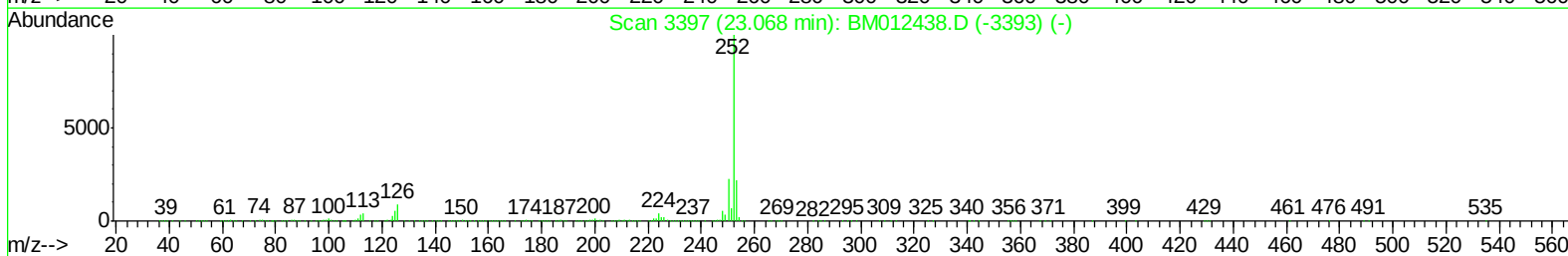
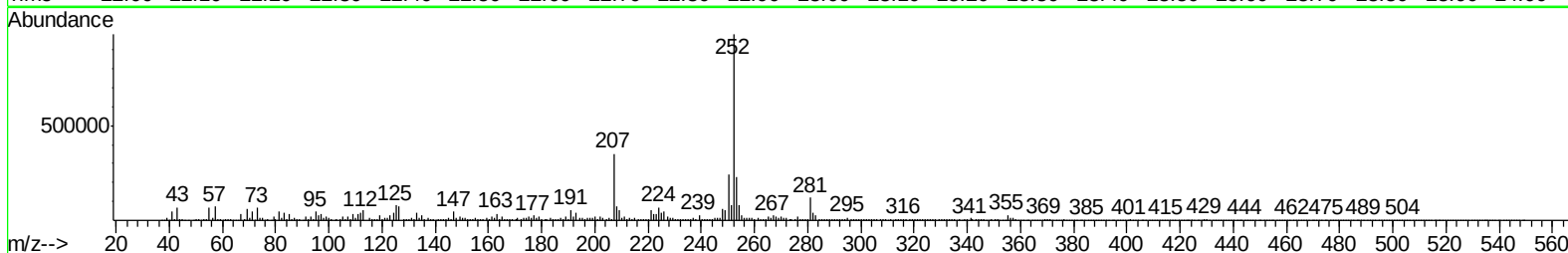
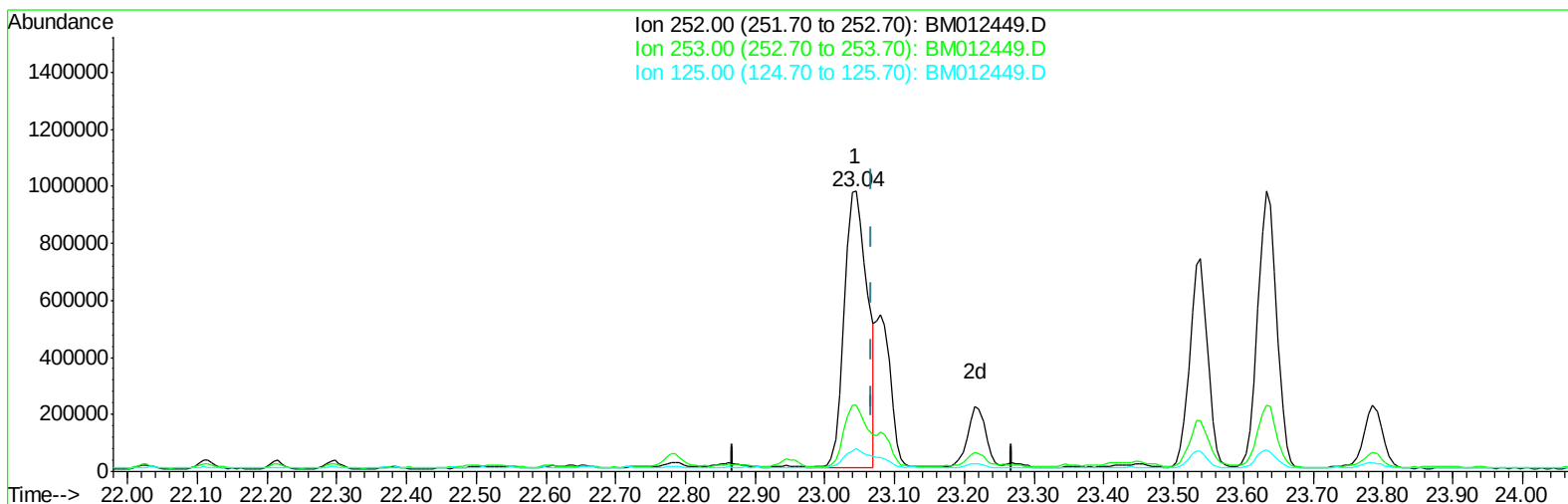
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Sample : I5701-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM012449.D

(86) Benzo(k)fluoranthene

23.044min (-0.024) 10.16ng/ul

response 2226787

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.67
125.00	4.30	8.06#
0.00	0.00	0.00

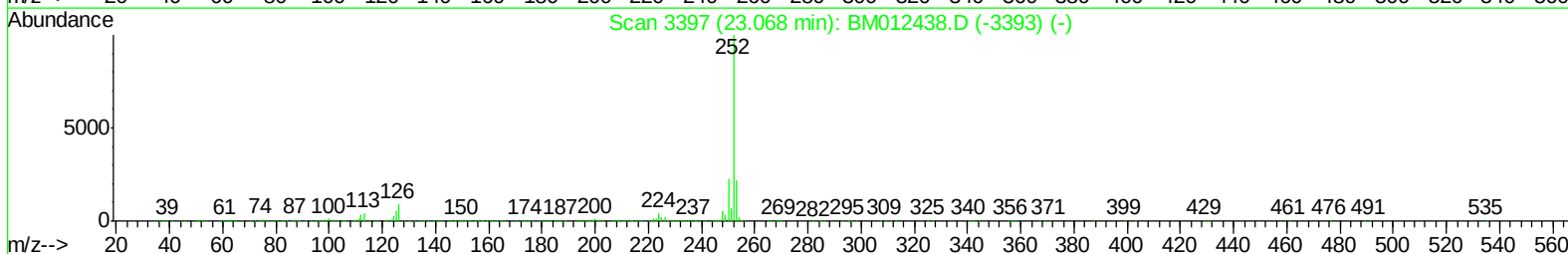
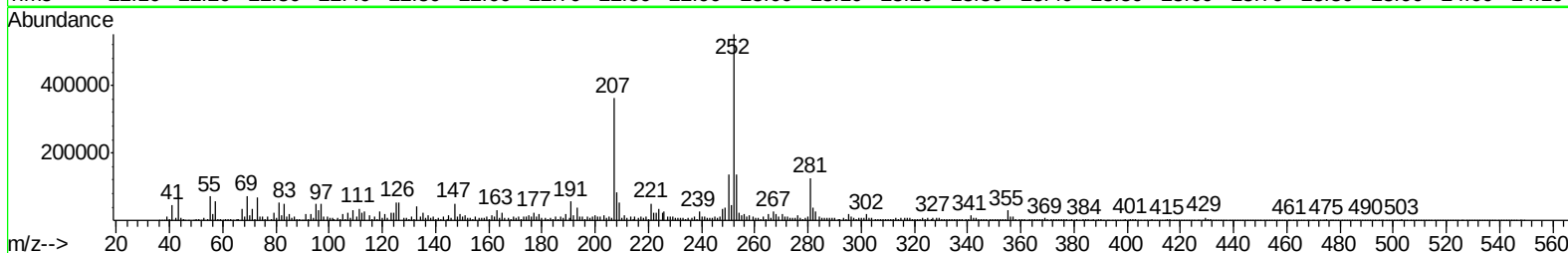
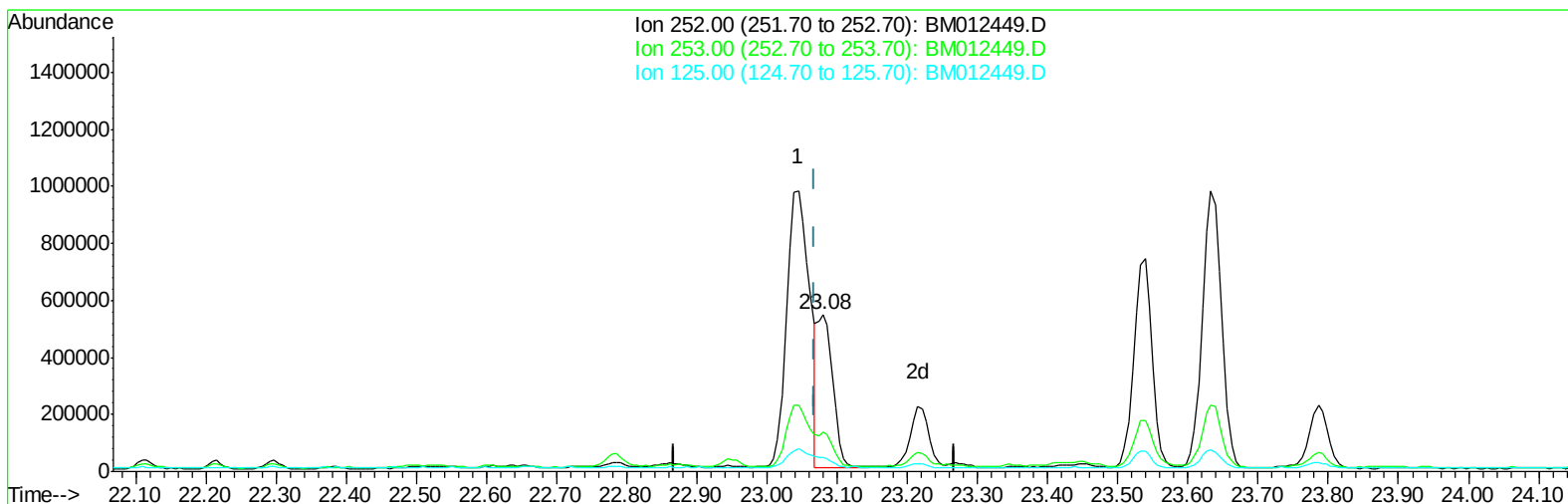
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Data File : BM012449.D
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Sample : I5701-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM012449.D

(86) Benzo(k)fluoranthene

23.080min (+0.011) 3.65ng/ul m

response 800867

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.99
125.00	4.30	9.35#
0.00	0.00	0.00

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 Sample : I5701-18DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CK4DL

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:01 AM

Quant Time: Oct 26 05:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	731002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	3149778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	2040814	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	4805640	20.00	ng/ul	0.01
75) Chrysene-d12	21.43	240	3986124	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	3767206	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	7975	0.56	ng/uL	0.00
5) Phenol-d5	7.05	99	196990	3.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	119193	3.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	152537	3.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	165043	3.16	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	75614	3.83	ng/ul	0.01
22) 2-Nitrophenol-d4	9.76	143	77718	3.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	185521	3.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	60078	1.06	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	607182	3.41	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	740912	3.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	65715	2.48	ng/ul	0.01
57) Fluorene-d10	15.50	176	534448	3.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	7227	0.31	ng/ul	0.02
70) Anthracene-d10	17.35	188	838071	3.66	ng/ul	0.00
76) Pyrene-d10	19.64	212	829339	4.53	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	611520	3.42	ng/ul	0.02

Target Compounds

						Ovalue
44) Dimethylphthalate	13.97	163	233821	1.33	ng/ul	100
47) Acenaphthylene	14.23	152	611461	3.04	ng/ul	98
69) Phenanthrene	17.30	178	2922511	11.25	ng/ul	99
71) Anthracene	17.39	178	664433	2.47	ng/ul	97
74) Fluoranthene	19.31	202	4872882	16.55	ng/ul#	95
77) Pyrene	19.67	202	6172879	27.23	ng/ul#	94
80) Benzo(a)anthracene	21.41	228	2328166m	9.75	ng/ul	
82) Chrysene	21.46	228	2718854	12.81	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	2226787	9.56	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	800867m	3.65	ng/ul	
88) Benzo(a)pyrene	23.63	252	1850752	8.34	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1247759	4.77	ng/ul	97
90) Dibenzo(a,h)anthracene	26.09	278	365238	1.65	ng/ul#	67
91) Benzo(g,h,i)perylene	26.80	276	1234411	5.83	ng/ul#	94

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

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