

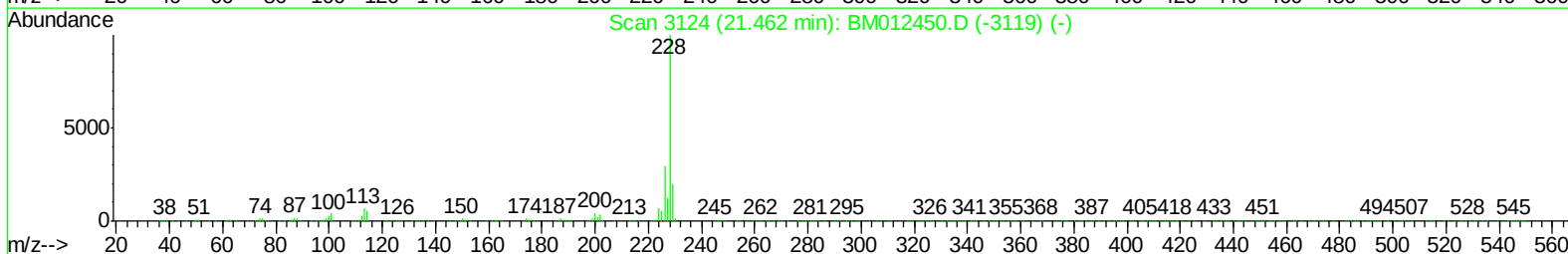
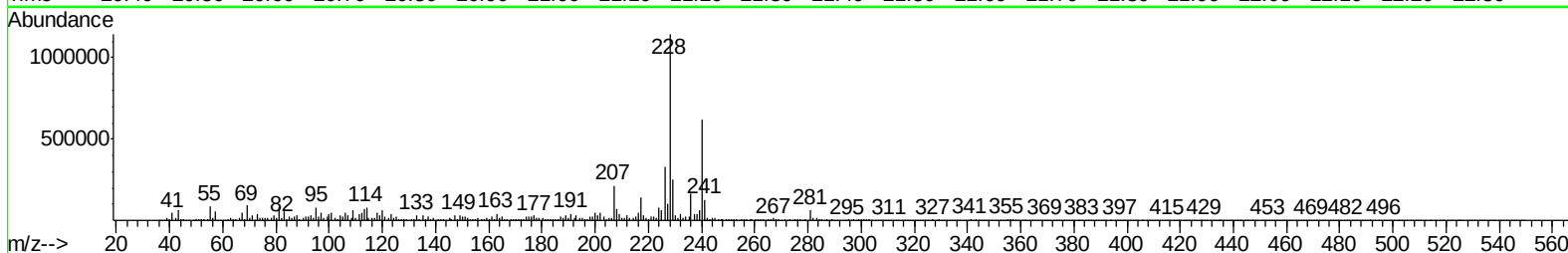
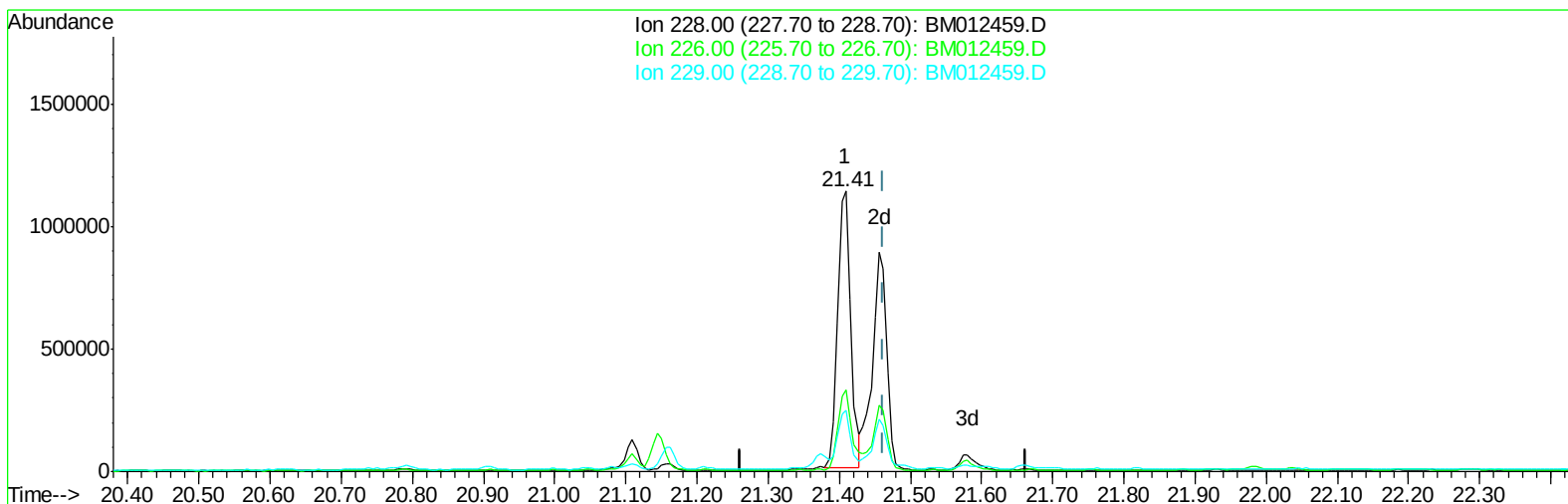
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-18(5-6)_101217

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:22 AM

Quant Time: Oct 26 06:13:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration



TIC: BM012459.D

(82) Chrysene

21.409min (-0.053) 10.71ng/ul

response 1446260

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	29.11
229.00	19.40	21.72
0.00	0.00	0.00

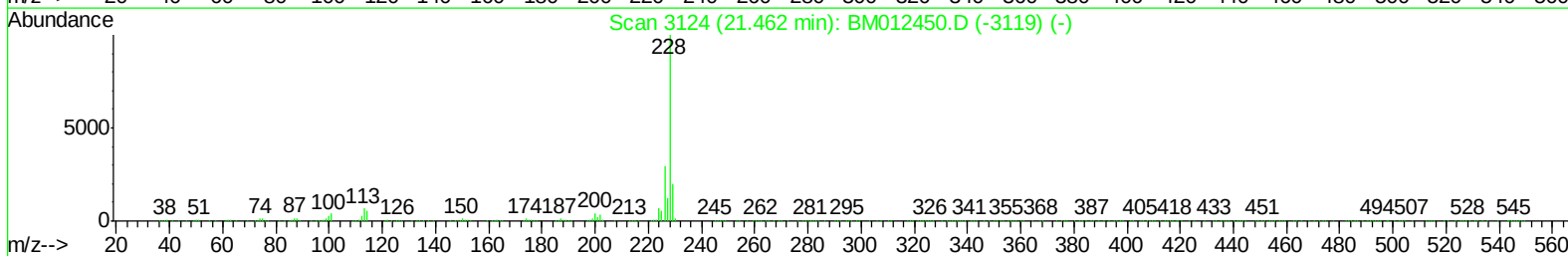
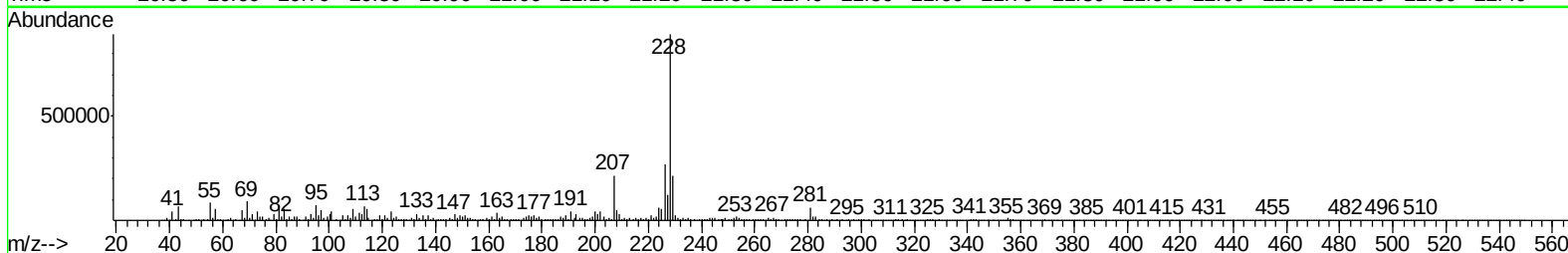
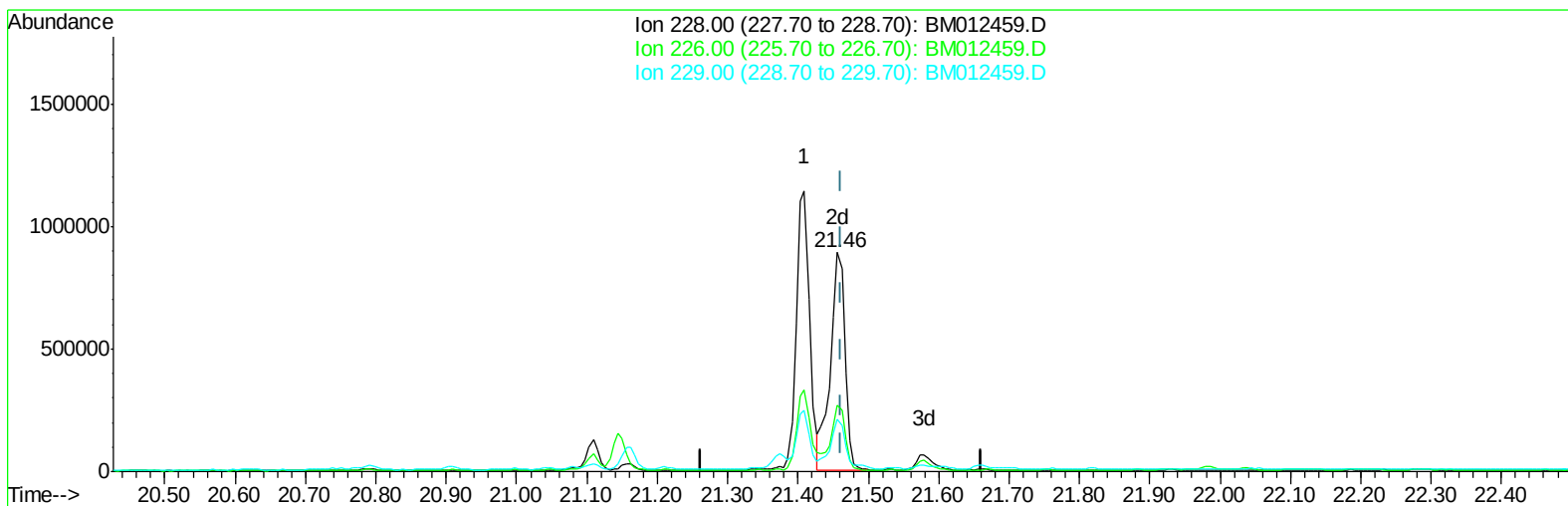
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(82) Chrysene

21.456min (-0.006) 9.51ng/ul m

response 1285001

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.03
229.00	19.40	24.06#
0.00	0.00	0.00

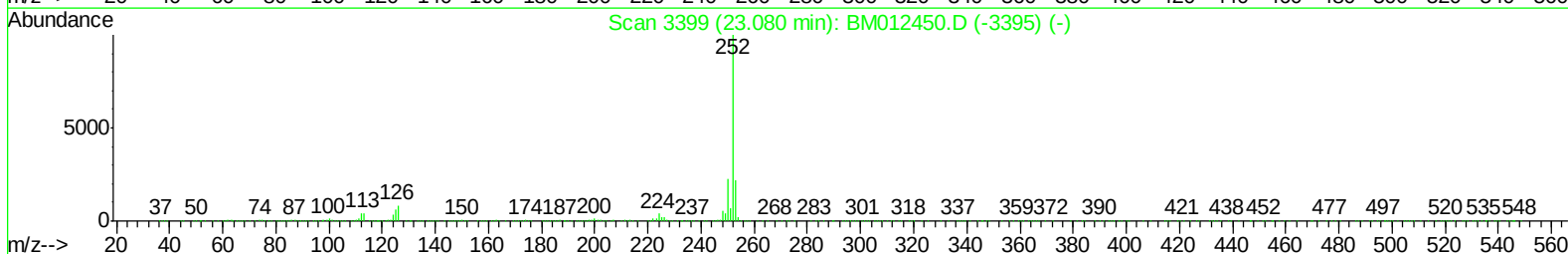
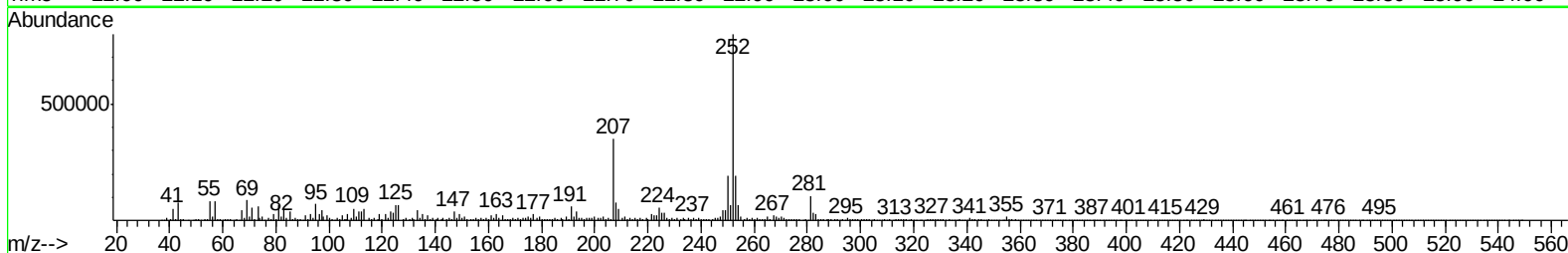
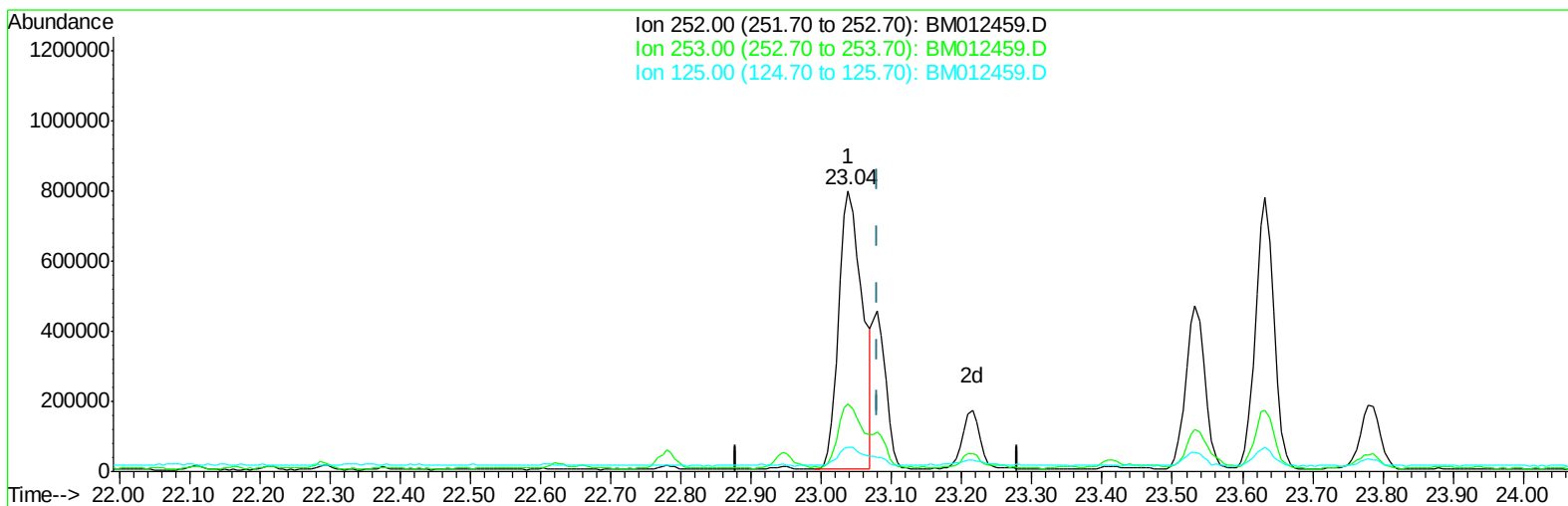
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Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-18(5-6)_101217

Manual Integrations
APPROVED

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Quant Time: Oct 26 06:13:20 2017
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TIC: BM012459.D

(86) Benzo(k)fluoranthene

23.038min (-0.041) 11.48ng/ul

response 1846479

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.12
125.00	4.30	8.53#
0.00	0.00	0.00

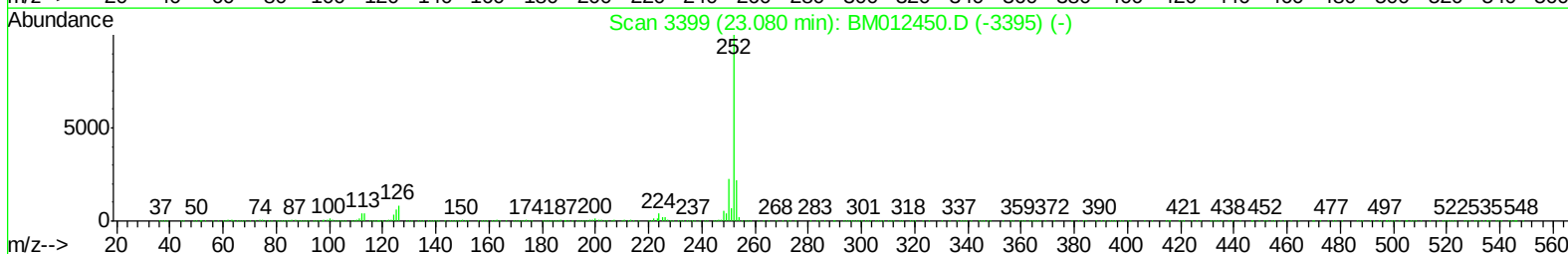
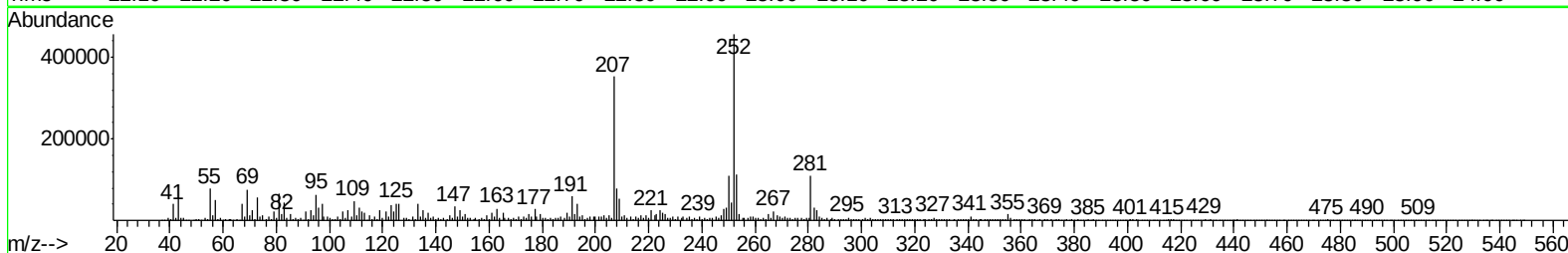
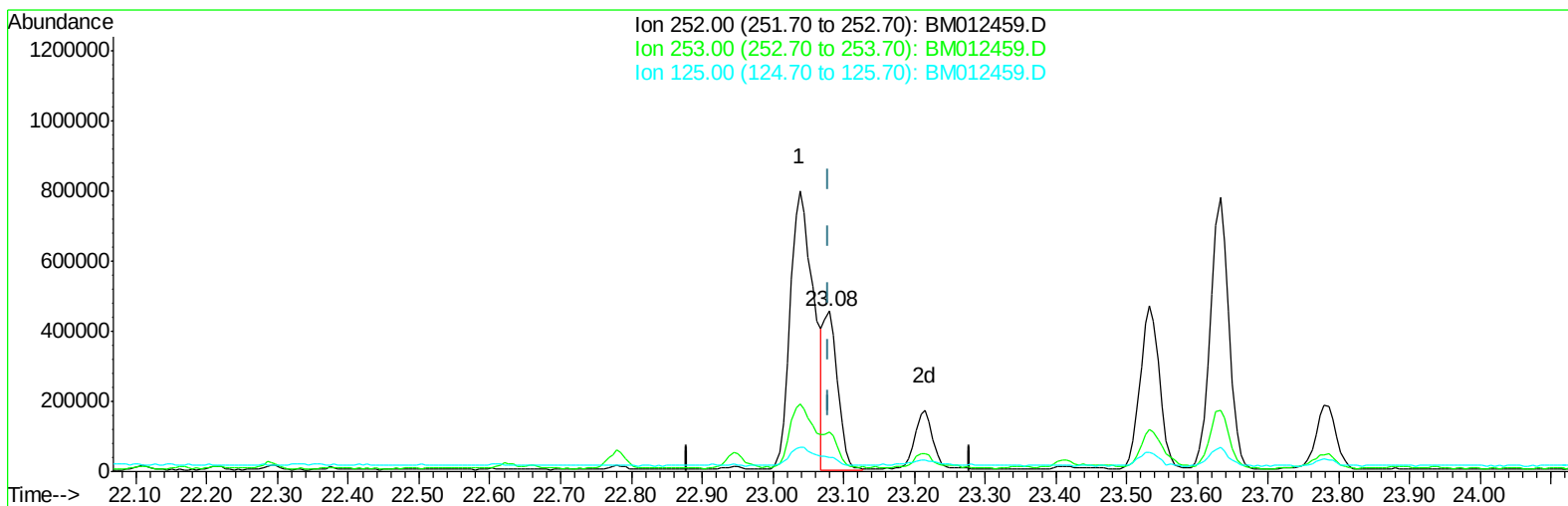
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Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BM012459.D

(86) Benzo(k)fluoranthene

23.080min (-0.000) 3.82ng/ul m

response 615309

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.72
125.00	4.30	9.16#
0.00	0.00	0.00

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Manual Integrations
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Sohil
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Quant Time: Oct 26 08:55:35 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	614261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2564695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1571583	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3254263	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2536729	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2765127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	21639	1.80	ng/uL	0.00
5) Phenol-d5	7.05	99	493610	9.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	322545	10.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	410947	10.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	403492	9.20	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	205555	12.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	223880	13.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	468743	10.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	398254	8.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1497123	10.90	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1825917	11.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	110065	5.39	ng/ul	0.00
57) Fluorene-d10	15.50	176	1268570	10.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	34774	2.21	ng/ul	0.00
70) Anthracene-d10	17.35	188	1777115	11.46	ng/ul	0.00
76) Pyrene-d10	19.64	212	1604752	13.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1527542	11.63	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.07	94	87313	1.63	ng/ul	92
69) Phenanthrene	17.30	178	1647628	9.36	ng/ul	99
71) Anthracene	17.39	178	441571	2.43	ng/ul	100
74) Fluoranthene	19.30	202	3013084	15.11	ng/ul#	93
77) Pyrene	19.67	202	2637124	18.28	ng/ul#	94
80) Benzo(a)anthracene	21.41	228	1446260	9.52	ng/ul	95
82) Chrysene	21.46	228	1285001m	9.51	ng/ul	
85) Benzo(b)fluoranthene	23.04	252	1846479	10.80	ng/ul#	95
86) Benzo(k)fluoranthene	23.08	252	615309m	3.82	ng/ul	
88) Benzo(a)pyrene	23.63	252	1412140	8.66	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	946217	4.93	ng/ul	95
90) Dibenzo(a,h)anthracene	26.09	278	248393	1.53	ng/ul#	79
91) Benzo(g,h,i)perylene	26.80	276	729621	4.69	ng/ul#	94

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

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