Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005501.D
Acq On : 19 May 2016 16:34
Operator : UM/SJ
Sample : H2841-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 20 01:01:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9WR3

Manual Integrations APPROVED
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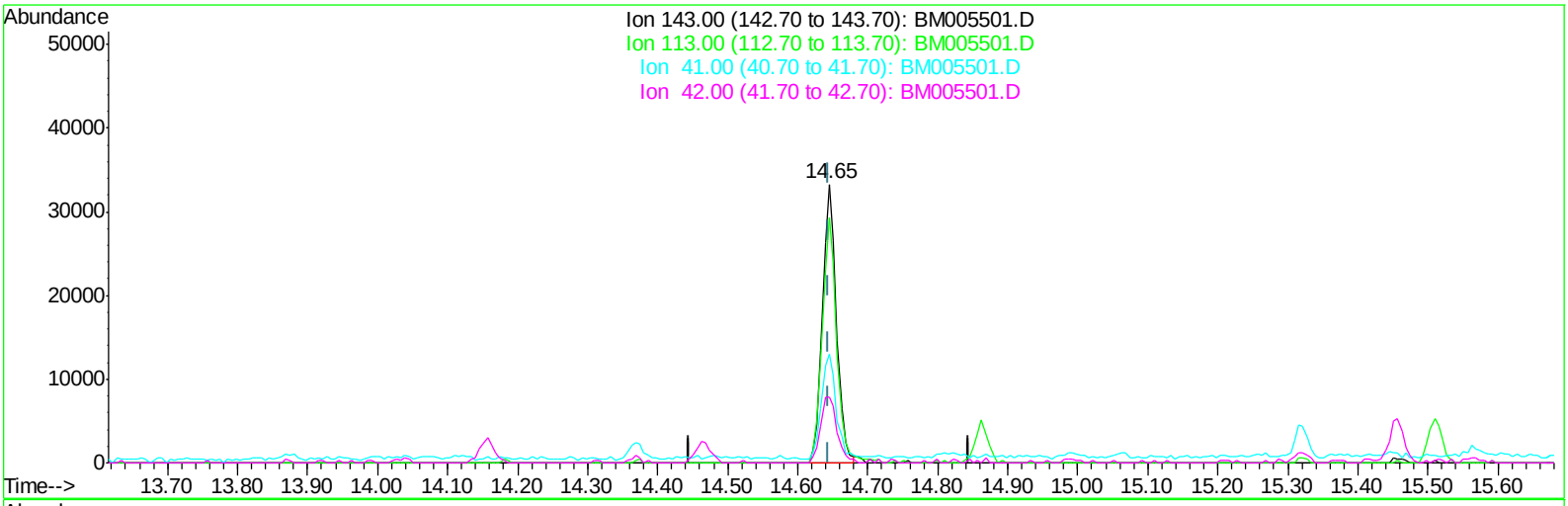

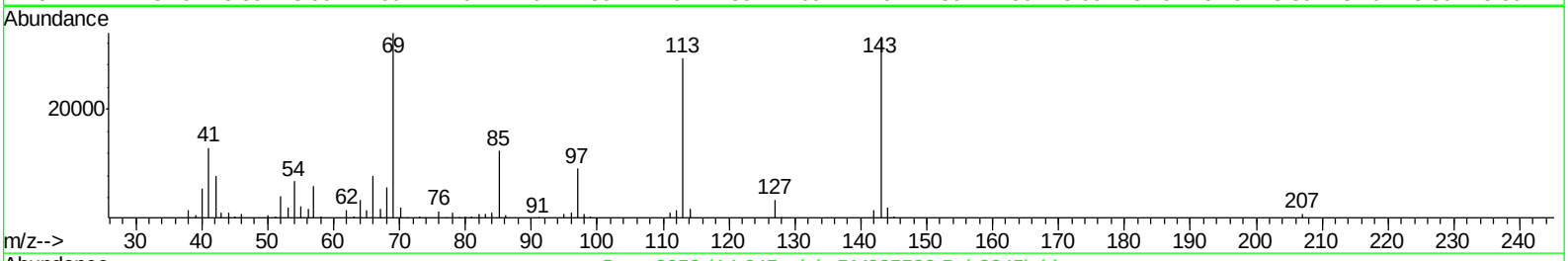

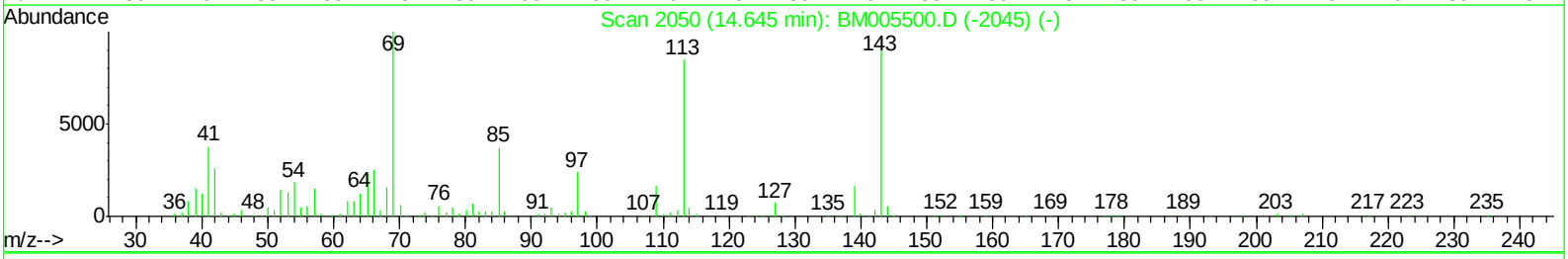

TIC: BM005501.D

(51) 4-Nitrophenol-d4 (S)

14.645min (+0.000) 24.97ng/ul

response 46330

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	88.04
41.00	38.10	39.16
42.00	26.00	23.62

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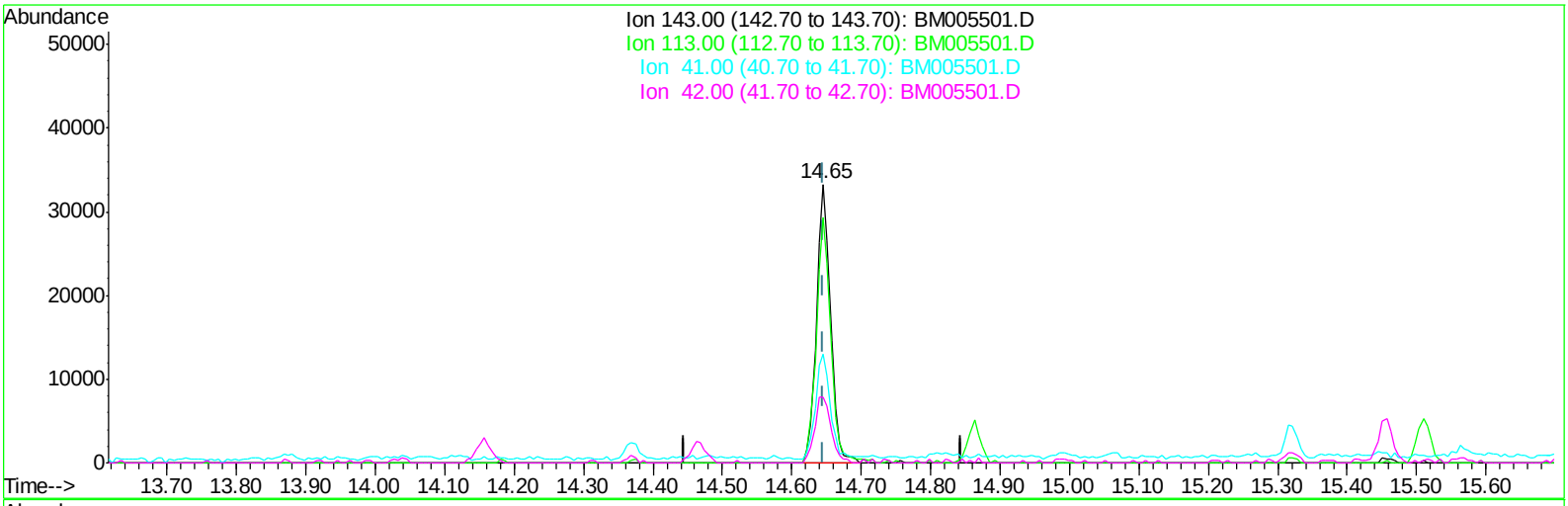

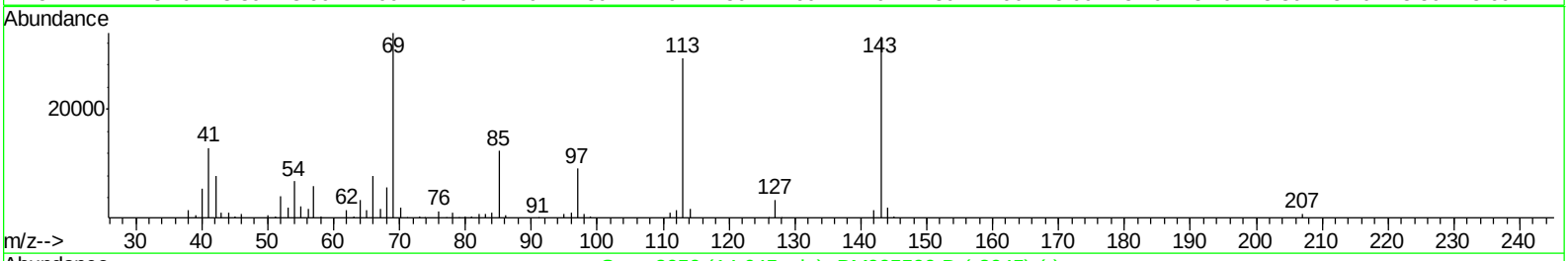

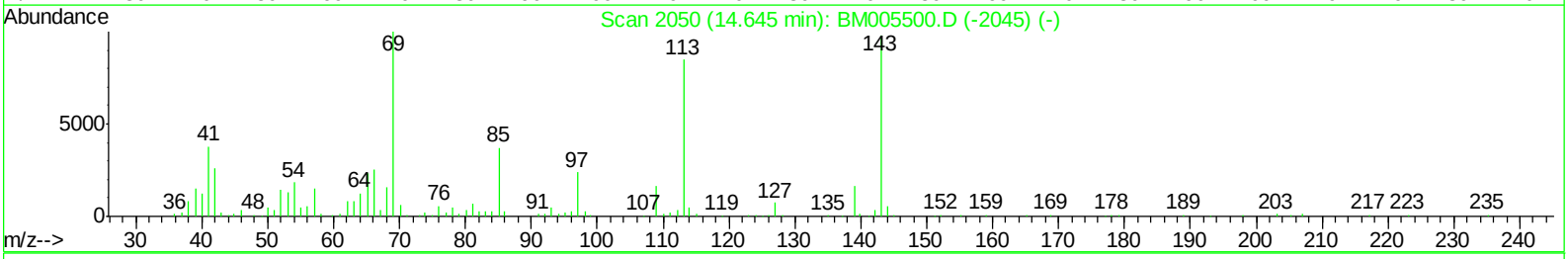

TIC: BM005501.D

(51) 4-Nitrophenol-d4 (S)

14.645min (+0.000) 25.18ng/ul m

response 46729

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	88.04
41.00	38.10	39.16
42.00	26.00	23.62

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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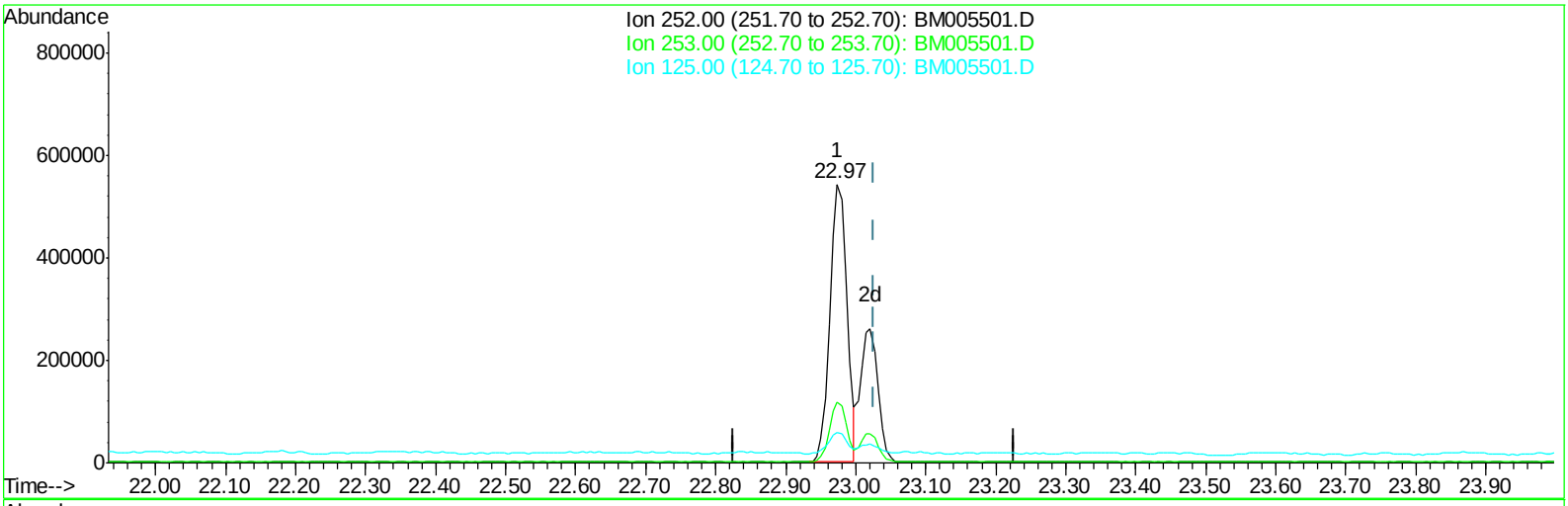

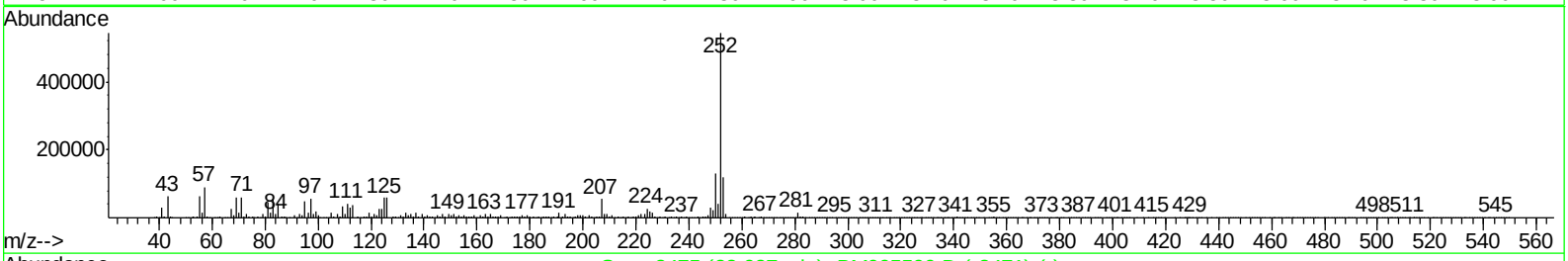

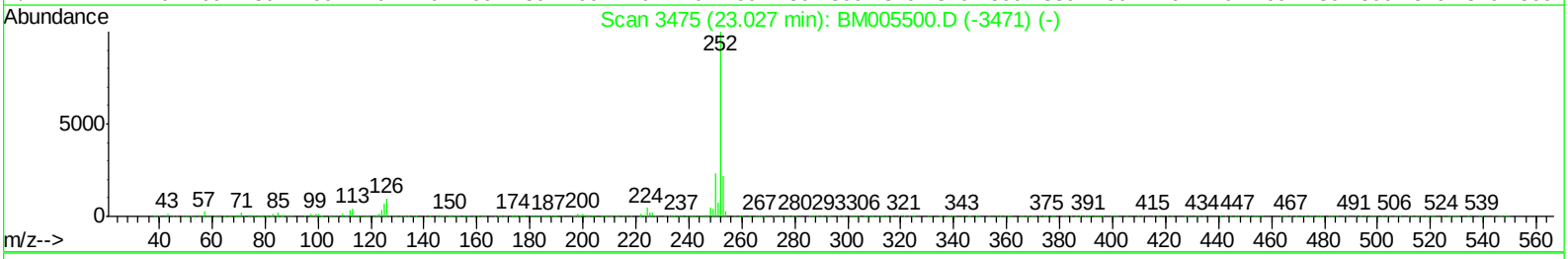

TIC: BM005501.D

(86) Benzo(k)fluoranthene

22.974min (-0.053) 24.46ng/ul

response 921992

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.94
125.00	10.00	11.00
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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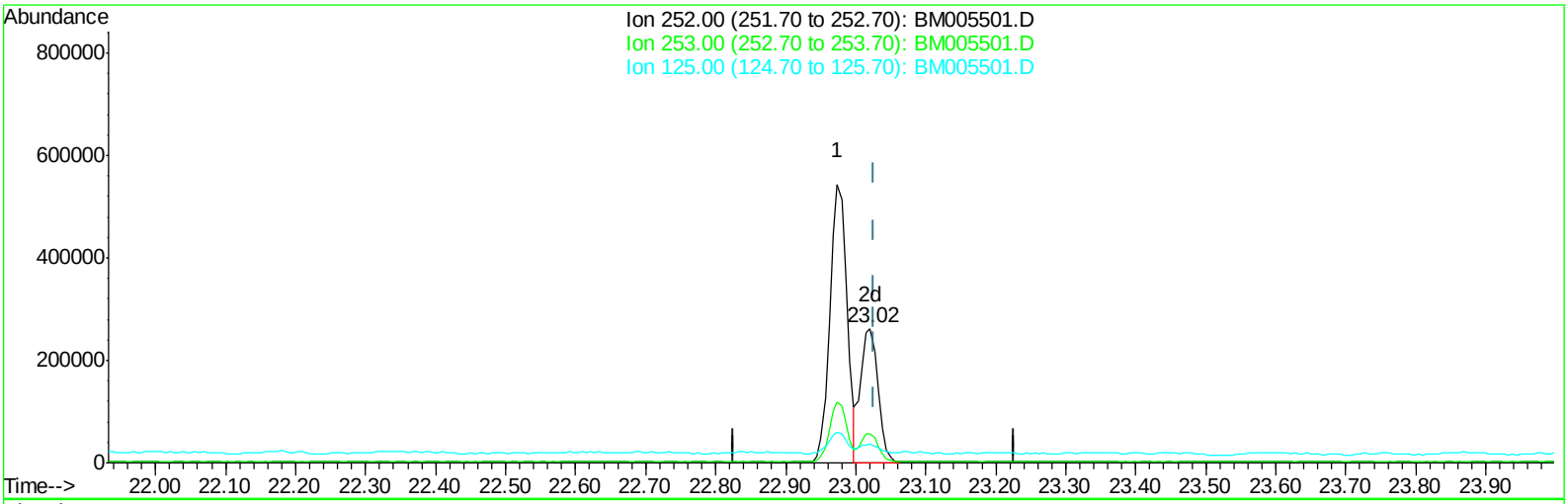

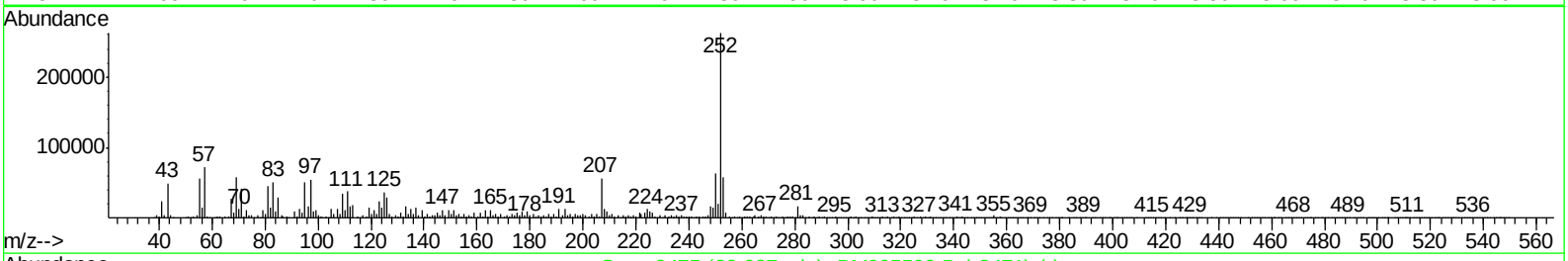

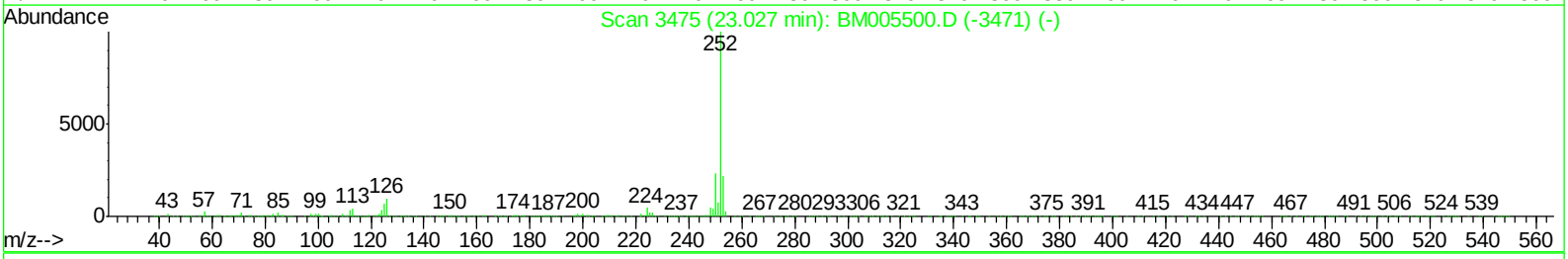

TIC: BM005501.D

(86) Benzo(k)fluoranthene

23.021min (-0.006) 12.08ng/ul m

response 455467

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.09
125.00	10.00	14.03#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Operator : UM/SJ
Sample : H2841-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WR3

Manual Integrations APPROVED
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Quant Time: May 20 01:09:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	28139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	150368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	110009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	313572	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	492879	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	678043	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	1545	2.11	ng/uL	0.00
5) Phenol-d5	6.99	99	69329	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	39908	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	53236	25.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	61283	26.62	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	28643	26.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	24307	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	67828	28.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	21932	8.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	190142	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	356340	33.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	46729m	25.18	ng/ul	0.00
57) Fluorene-d10	15.46	176	285020	35.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	16455	9.96	ng/ul	0.00
70) Anthracene-d10	17.30	188	564167	39.12	ng/ul	0.00
76) Pyrene-d10	19.59	212	765080	38.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1188917	39.22	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.26	93	67916	33.06	ng/ul	97
10) 2-Chlorophenol	7.40	128	8374	3.92	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.36	45	69765	24.10	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	22695	11.58	ng/ul	96
17) Hexachloroethane	8.92	117	11791	15.12	ng/ul	95
21) Isophorone	9.55	82	43531	7.89	ng/ul#	97
25) Bis(2-Chloroethoxy)methane	10.04	93	108657	33.23	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	35166	14.79	ng/ul	95
28) Naphthalene	10.67	128	54039	7.08	ng/ul	98
30) 4-Chloroaniline	10.78	127	4813	1.68	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	48032	14.37	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	24769	13.38	ng/ul	93
38) 2,4,6-Trichlorophenol	12.96	196	56979	24.62	ng/ul	89
39) 2,4,5-Trichlorophenol	12.96	196	56979	22.48	ng/ul	97
41) 2-Chloronaphthalene	13.34	162	152766	22.54	ng/ul	98
44) Dimethylphthalate	13.92	163	27997	3.04	ng/ul	98
45) 2,6-Dinitrotoluene	14.04	165	40494	22.81	ng/ul	98
47) Acenaphthylene	14.19	152	89873	8.13	ng/ul	99
53) Dibenzofuran	14.86	168	116209	10.55	ng/ul	94
54) 2,4-Dinitrotoluene	14.82	165	26291	9.76	ng/ul	97
58) Fluorene	15.51	166	251974	27.65	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	61967	14.14	ng/ul	97
65) 4-Bromophenyl-phenylether	16.40	248	53629	16.93	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.51	284	50982	13.83	ng/ul	95
68) Pentachlorophenol	16.85	266	64569	27.19	ng/ul	99
69) Phenanthrene	17.34	178	231113	12.96	ng/ul	99
71) Anthracene	17.34	178	231113	13.10	ng/ul	99
72) Carbazole	17.60	167	235687	14.75	ng/ul	99
78) Butylbenzylphthalate	20.52	149	247839	22.10	ng/ul	100
80) Benzo(a)anthracene	21.36	228	642608	22.19	ng/ul	99
82) Chrysene	21.36	228	642608	23.46	ng/ul	97
84) Di-n-octyl phthalate	22.19	149	731655	20.33	ng/ul#	79
85) Benzo(b)fluoranthene	22.97	252	921992	23.76	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	455467m	12.08	ng/ul	

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

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