

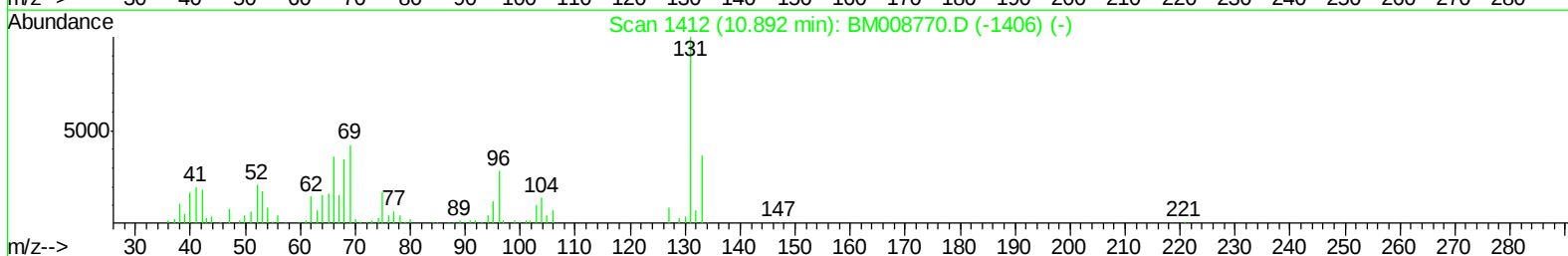
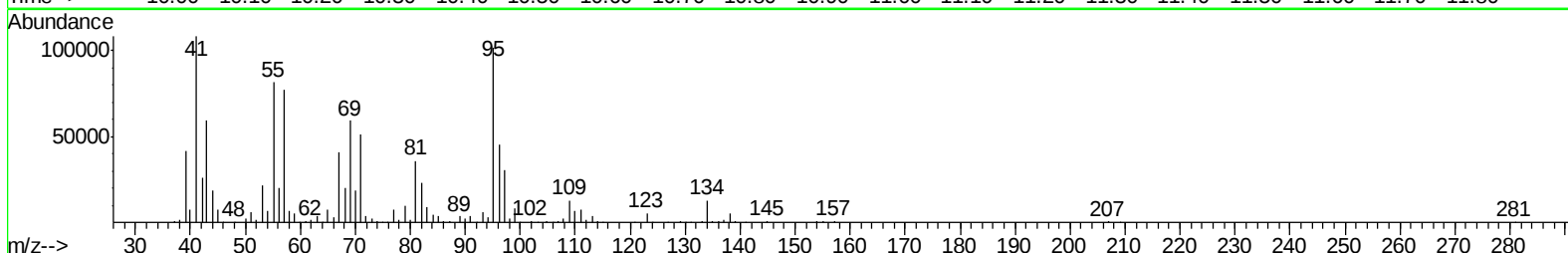
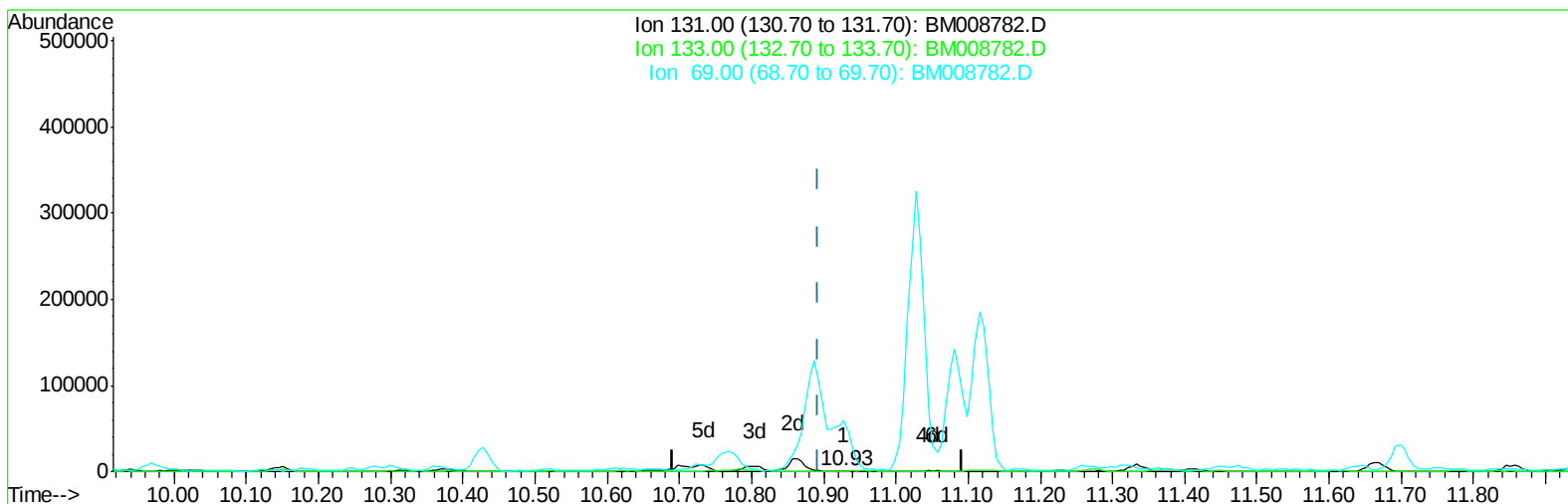
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R1

Quant Time: Jan 23 04:43:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
1/23/2017 2:48:52 PM



TIC: BM008782.D

(29) 4-Chloroaniline-d4 (S)
10.928min (+0.036) 0.08ng/ul
response 343

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	115.02#
69.00	19.70	9455.59#
0.00	0.00	0.00

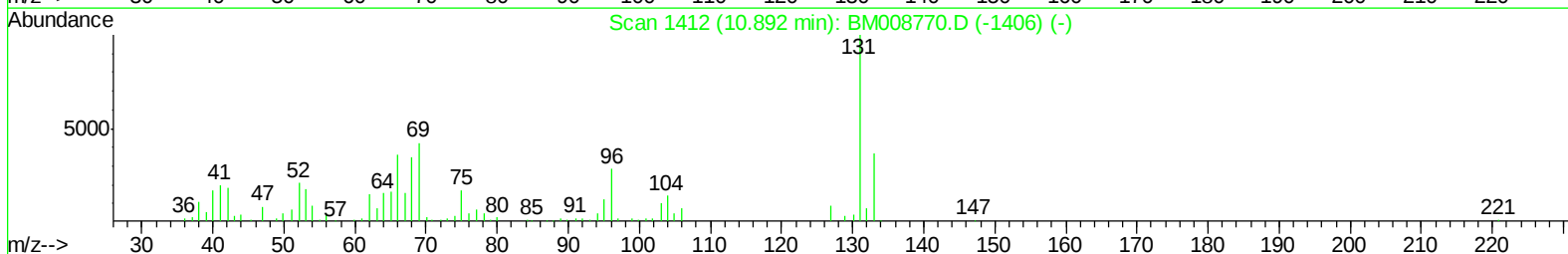
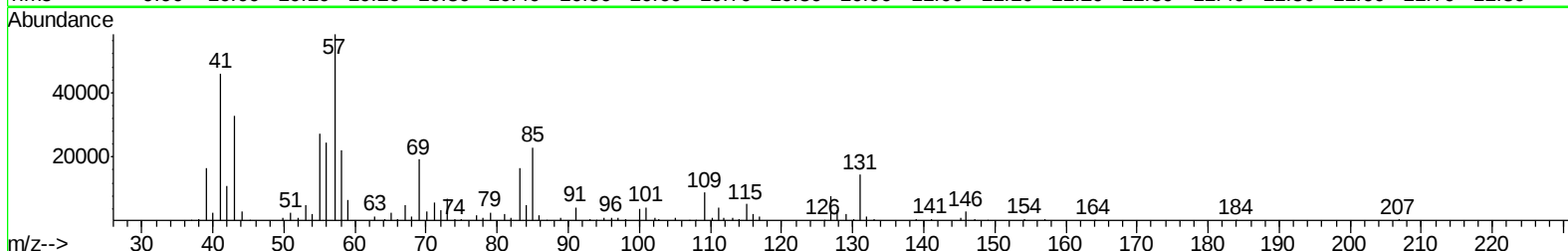
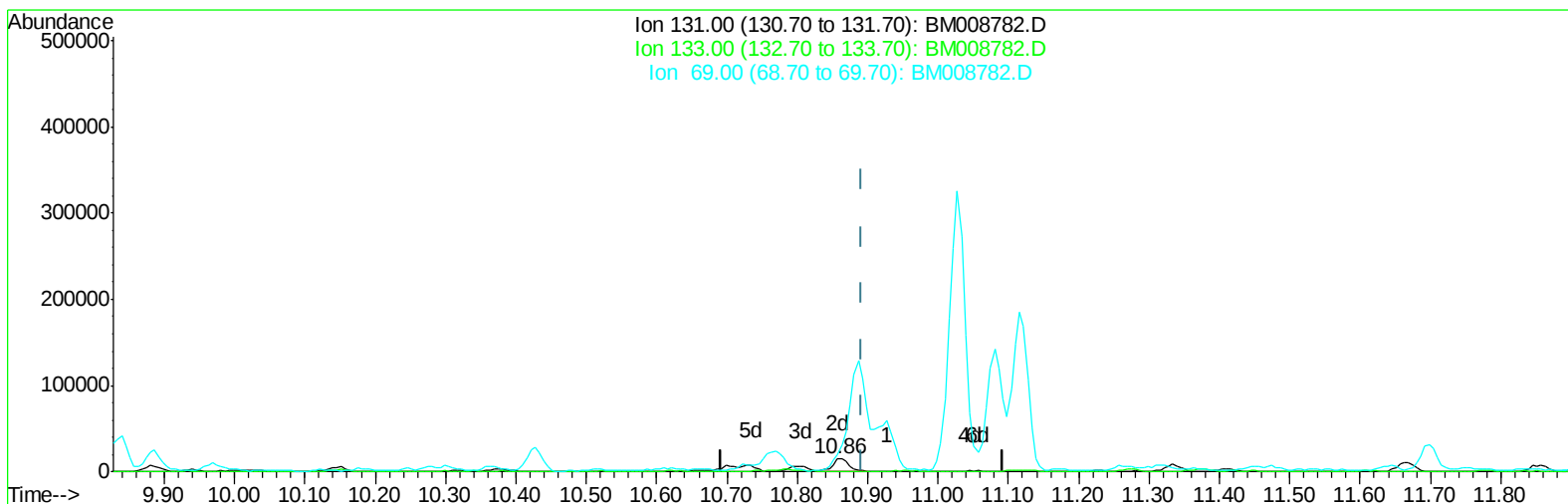
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R1

Quant Time: Jan 23 04:43:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
1/23/2017 2:48:52 PM



TIC: BM008782.D

(29) 4-Chloroaniline-d4 (S)

10.857min (-0.035) 5.29ng/ul m

response 23318

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	3.99#
69.00	19.70	133.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012117\
 Data File : BM008782.D
 Acq On : 21 Jan 2017 21:17
 Operator : UM/SJ
 Sample : I1323-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R1

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:48:52 PM

Quant Time: Jan 23 10:16:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 03:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	257777	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	263645	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	627459	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	824875	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	701009	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1758	1.37	ng/uL	0.00
5) Phenol-d5	7.10	99	32985	6.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	126468	38.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	88473	26.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	61984	16.41	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	55289	34.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	65714	38.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	126504	31.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.99	166	609152	35.02	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	737529	35.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	98484	34.62	ng/ul	0.04
57) Fluorene-d10	15.57	176	565081	35.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	166798	51.57	ng/ul	0.00
70) Anthracene-d10	17.42	188	984170	36.41	ng/ul	0.00
76) Pyrene-d10	19.71	212	1260045	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1051745	36.78	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.81	128	399879	33.94 ng/ul	98
34) 2-Methylnaphthalene	12.41	142	66277	7.26 ng/ul	94
40) 1,1'-Biphenyl	13.42	154	24157	1.46 ng/ul	90
49) Acenaphthene	14.64	153	152893	10.99 ng/ul	95
53) Dibenzofuran	14.98	168	473426	22.36 ng/ul	89
58) Fluorene	15.63	166	402439	23.19 ng/ul	96
68) Pentachlorophenol	16.97	266	11069	2.42 ng/ul#	86
69) Phenanthrene	17.37	178	117122	3.88 ng/ul	97
72) Carbazole	17.73	167	214903	7.78 ng/ul#	93
74) Fluoranthene	19.37	202	60924	1.57 ng/ul#	93

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

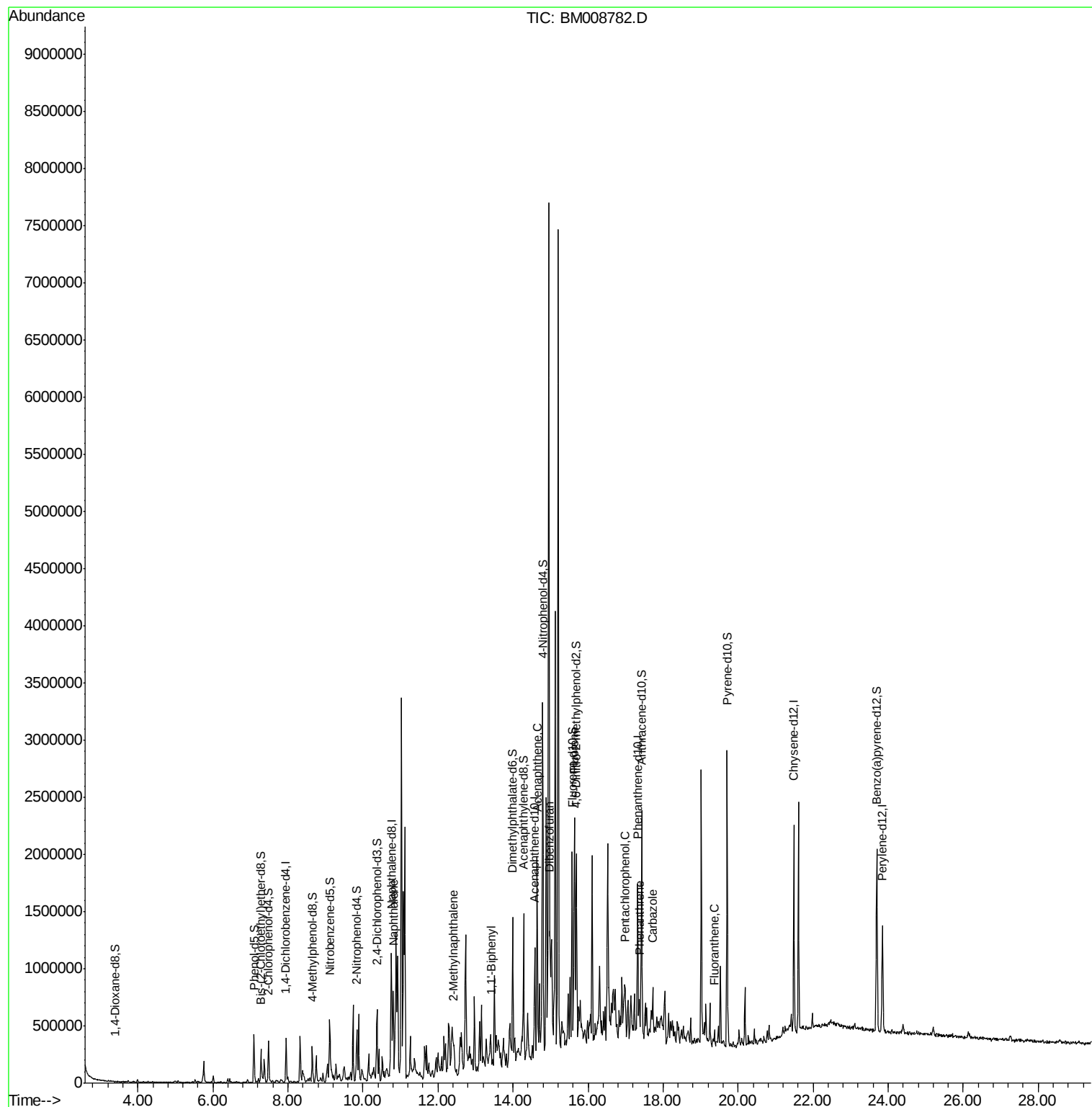
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R1

Manual Integrations
APPROVED

mohammad
1/23/2017 2:48:52 PM

Quant Time: Jan 23 10:16:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_M\Data\BM012117\
 Data File : BM008782.D
 Acq On : 21 Jan 2017 21:17
 Operator : UM/SJ
 Sample : I1323-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R1

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:48:52 PM

Quant Time: Jan 23 10:16:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 03:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	257777	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	263645	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	627459	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	824875	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	701009	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1758	1.37	ng/uL	0.00
5) Phenol-d5	7.10	99	32985	6.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	126468	38.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	88473	26.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	61984	16.41	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	55289	34.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	65714	38.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	126504	31.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.99	166	609152	35.02	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	737529	35.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	98484	34.62	ng/ul	0.04
57) Fluorene-d10	15.57	176	565081	35.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	166798	51.57	ng/ul	0.00
70) Anthracene-d10	17.42	188	984170	36.41	ng/ul	0.00
76) Pyrene-d10	19.71	212	1260045	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1051745	36.78	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.81	128	399879	33.94 ng/ul	98
34) 2-Methylnaphthalene	12.41	142	66277	7.26 ng/ul	94
40) 1,1'-Biphenyl	13.42	154	24157	1.46 ng/ul	90
49) Acenaphthene	14.64	153	152893	10.99 ng/ul	95
53) Dibenzofuran	14.98	168	473426	22.36 ng/ul	89
58) Fluorene	15.63	166	402439	23.19 ng/ul	96
68) Pentachlorophenol	16.97	266	11069	2.42 ng/ul#	86
69) Phenanthrene	17.37	178	117122	3.88 ng/ul	97
72) Carbazole	17.73	167	214903	7.78 ng/ul#	93
74) Fluoranthene	19.37	202	60924	1.57 ng/ul#	93

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R1

Manual Integrations
APPROVED

mohammad
1/23/2017 2:48:52 PM

Quant Time: Jan 23 10:16:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

