

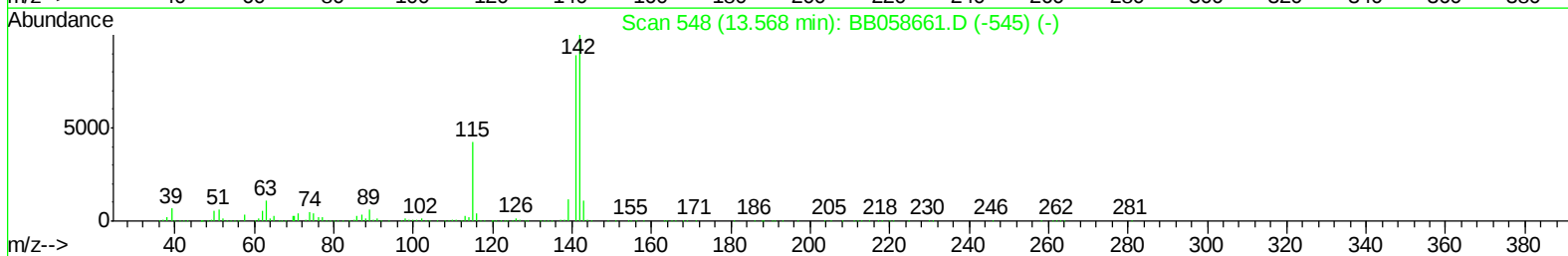
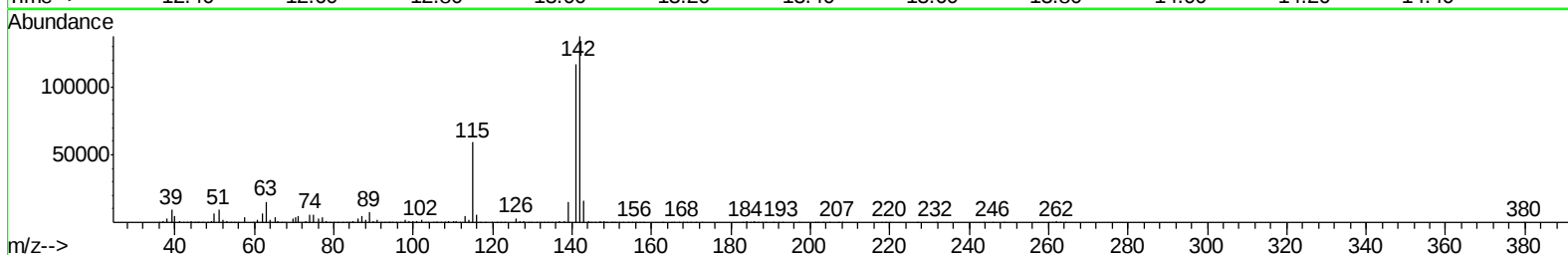
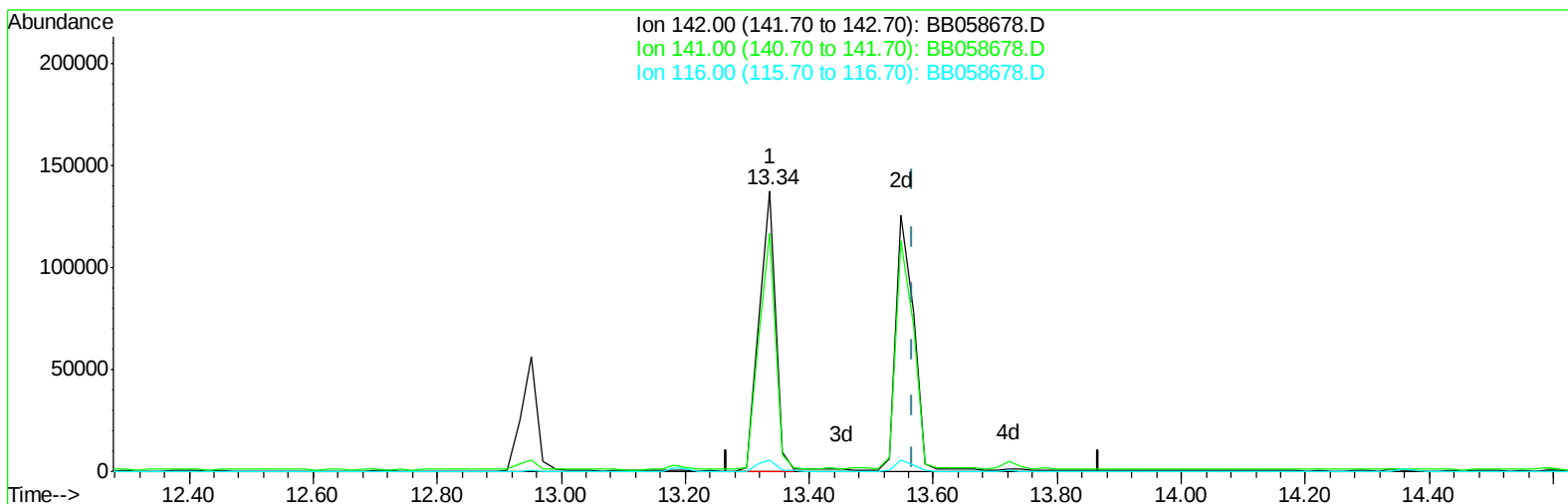
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058678.D
Acq On : 20 Oct 2016 14:12
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-W

Quant Time: Oct 20 16:42:47 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
10/21/2016 12:59:58 PM



TIC: BB058678.D

(12) 1-Methylnaphthalene
13.337min (-0.231) 2.99ng/ul
response 252916

Ion	Exp%	Act%
142.00	100	100
141.00	93.60	85.14
116.00	3.90	4.02
0.00	0.00	0.00

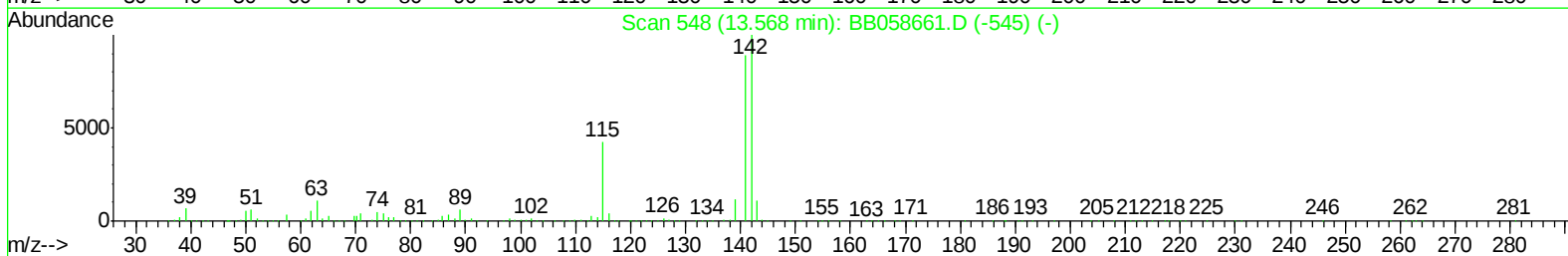
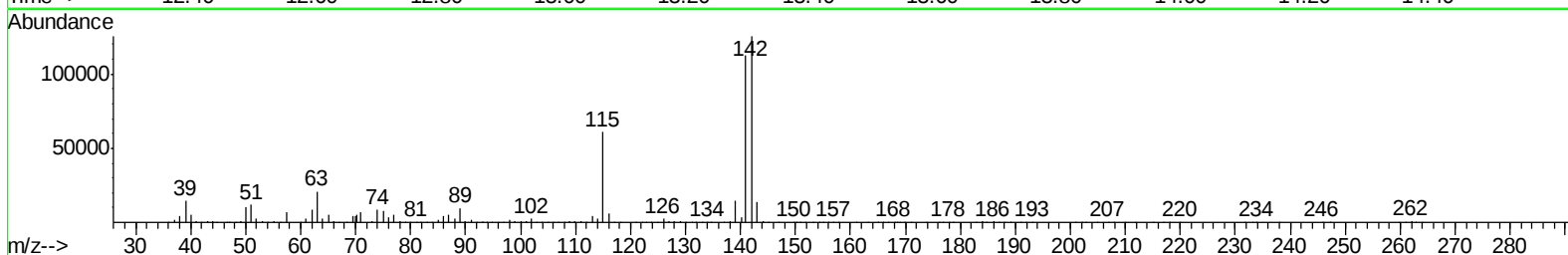
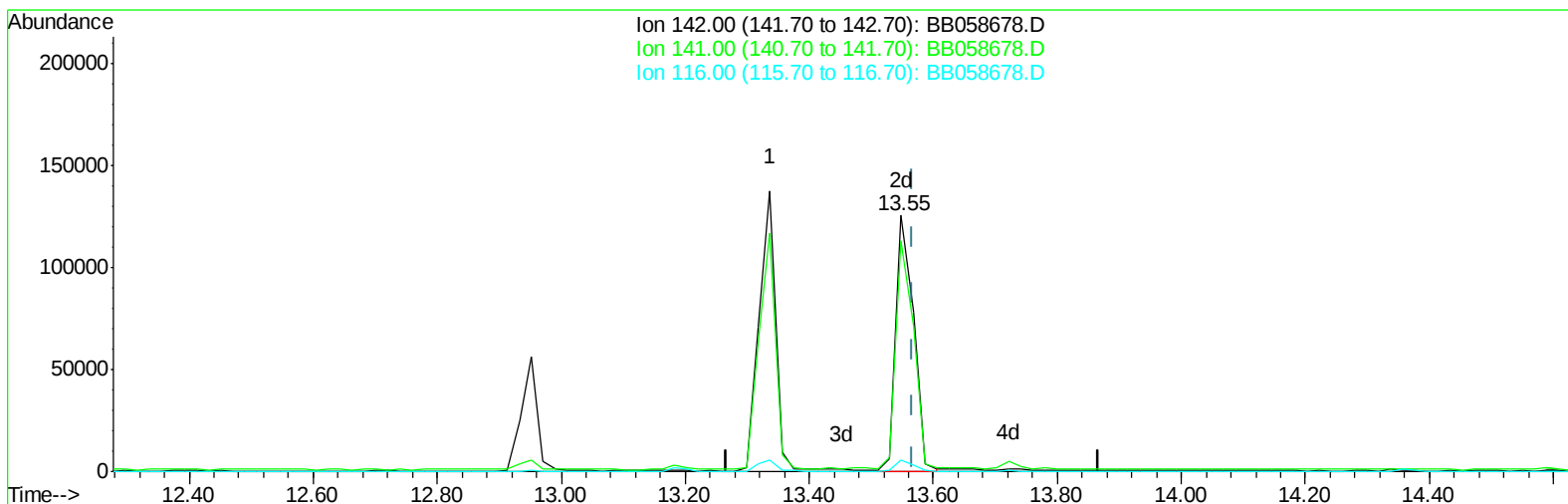
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058678.D
Acq On : 20 Oct 2016 14:12
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-W

Manual Integrations
APPROVED

sohil
10/21/2016 12:59:58 PM

Quant Time: Oct 20 16:42:47 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration



TIC: BB058678.D

(12) 1-Methylnaphthalene

13.548min (-0.019) 2.95ng/ul m

response 249020

Ion	Exp%	Act%
142.00	100	100
141.00	93.60	89.89
116.00	3.90	4.74#
0.00	0.00	0.00

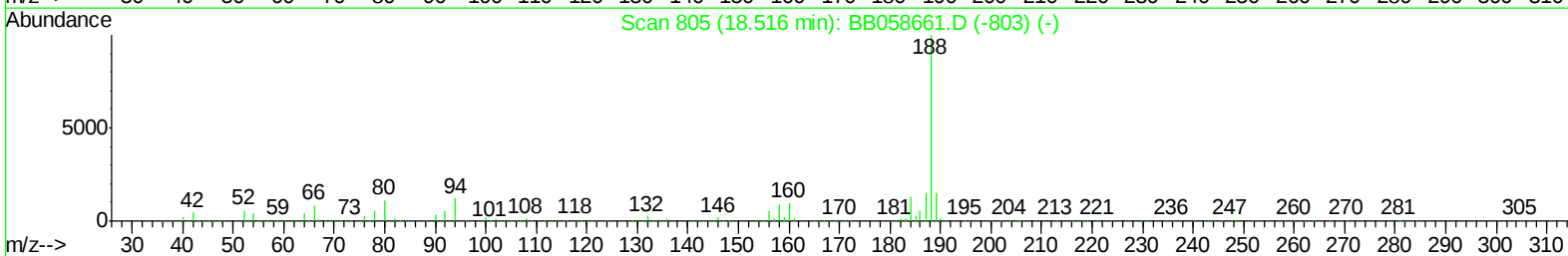
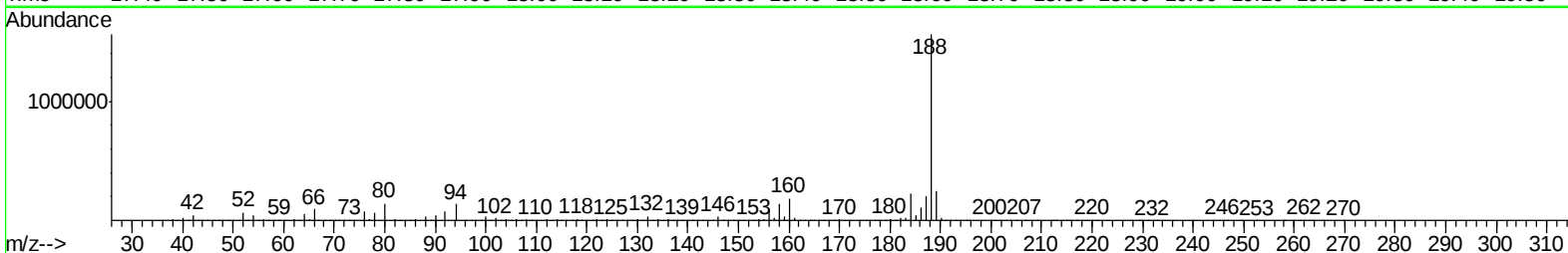
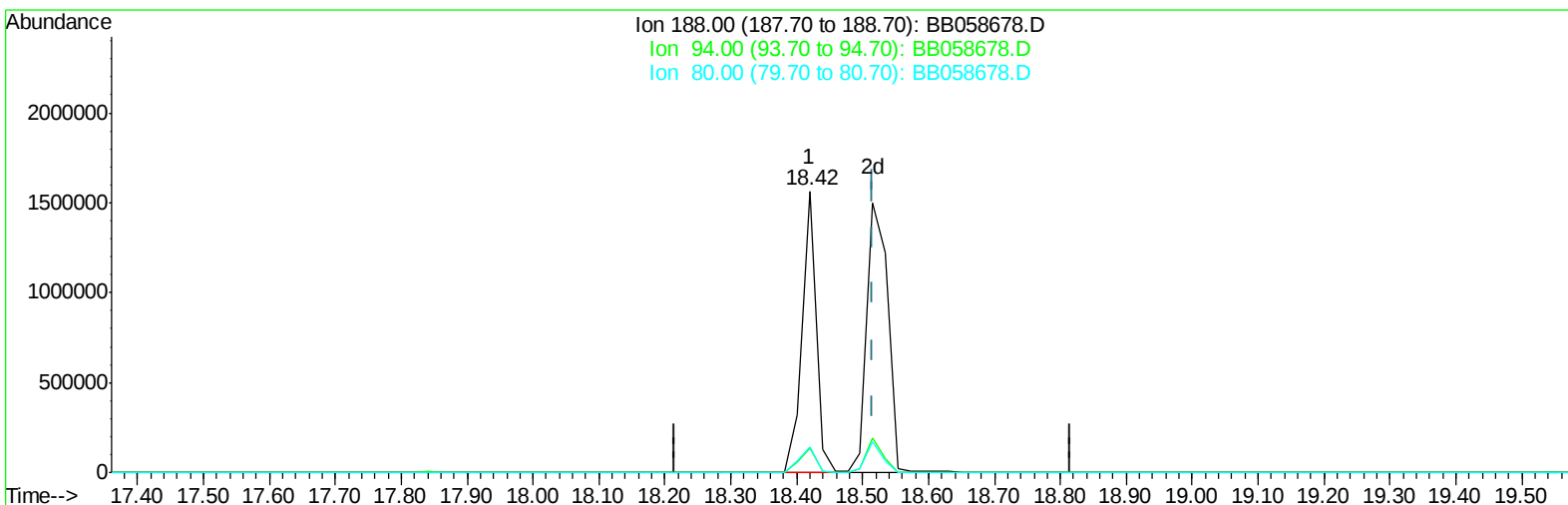
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058678.D
Acq On : 20 Oct 2016 14:12
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-W

Quant Time: Oct 20 16:42:47 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
10/21/2016 12:59:58 PM



TIC: BB058678.D

(20) Anthracene-d10 (S)

18.419min (-0.096) 22.00ng/ul

response 2340401

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	8.76
80.00	9.10	9.16
0.00	0.00	0.00

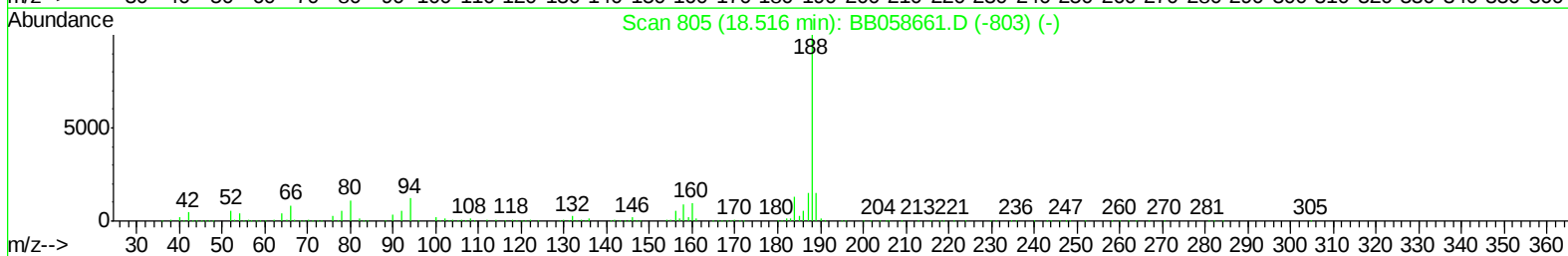
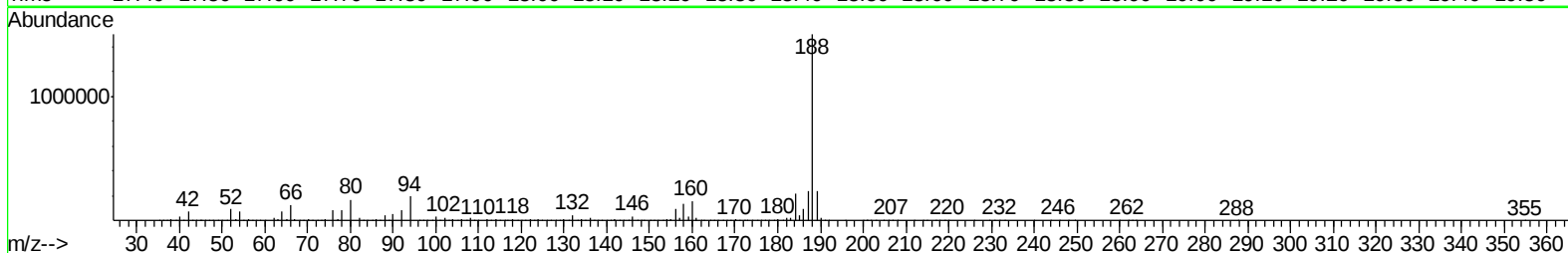
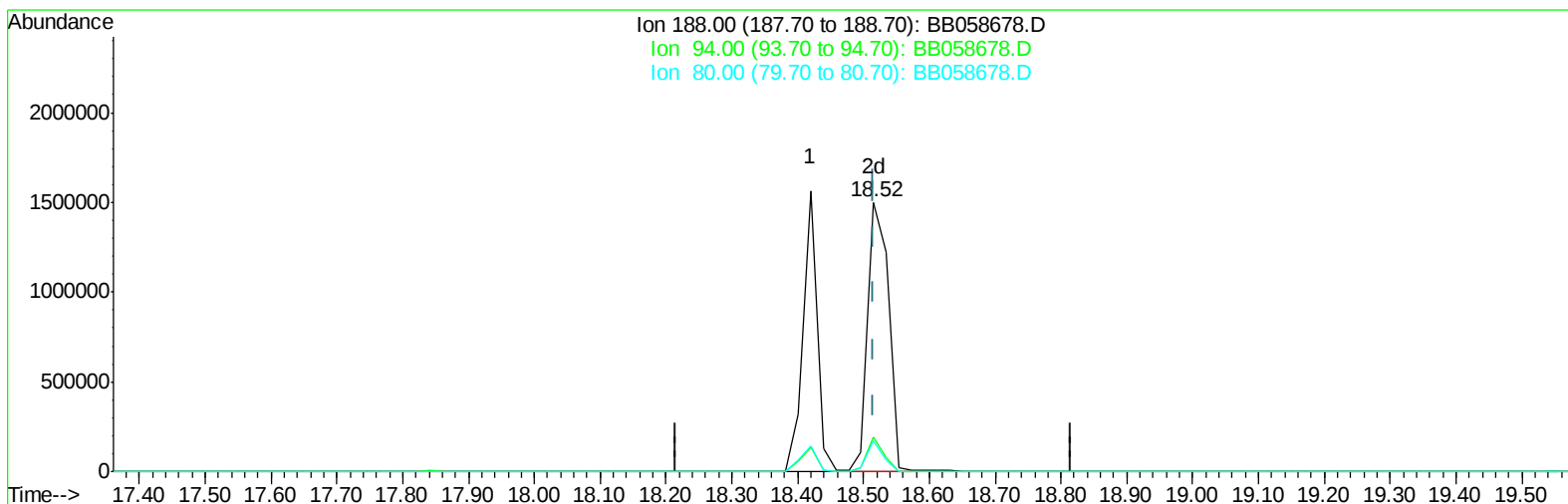
Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058678.D
Acq On : 20 Oct 2016 14:12
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-W

Manual Integrations
APPROVED

sohil
10/21/2016 12:59:58 PM

Quant Time: Oct 20 16:42:47 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration



TIC: BB058678.D

(20) Anthracene-d10 (S)

18.516min (+0.000) 31.07ng/ul m

response 3304987

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	12.95#
80.00	9.10	11.25#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
 Data File : BB058678.D
 Acq On : 20 Oct 2016 14:12
 Operator : UM/SJ
 Sample : MDL-05-W
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-05-W

Manual Integrations
 APPROVED

sohil
 10/21/2016 12:59:58 PM

Quant Time: Oct 20 16:43:46 2016
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 16:25:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	684429	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2669320	20.00	ng/ul	-0.02
13) Acenaphthene-d10	15.57	164	1463575	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	2340401	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	2382814	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1550053	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.65	96	112518	7.14	ng/uL	0.00
3) Phenol-d5	7.81	99	1650472	31.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.96	67	1255376	34.02	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1617796	31.13	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1291147	30.60	ng/ul	-0.02
8) Nitrobenzene-d5	9.89	128	829651	31.09	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	899398	31.00	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1166047	29.19	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1726381	33.80	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2918402	30.11	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3718017	32.62	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	628749	28.78	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2707048	34.30	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	602184	24.49	ng/ul	0.00
20) Anthracene-d10	18.52	188	3304987m	31.07	ng/ul	0.00
24) Pyrene-d10	20.86	212	3471880	32.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	2215867	31.72	ng/ul	0.02

Target Compounds

12) 1-Methylnaphthalene	13.55	142	249020m	2.95	ng/ul	Ovalue
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	111054	2.69	ng/uL	99
22) Pentachlorobenzene	15.92	250	101722	2.52	ng/uL	94

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

Data Path : Z:\HPCHEM1\BNA B\Data\BB102016\
Data File : BB058678.D
Acq On : 20 Oct 2016 14:12
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-W

Manual Integrations
APPROVED

sohil
10/21/2016 12:59:58 PM

Quant Time: Oct 20 16:43:46 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration

