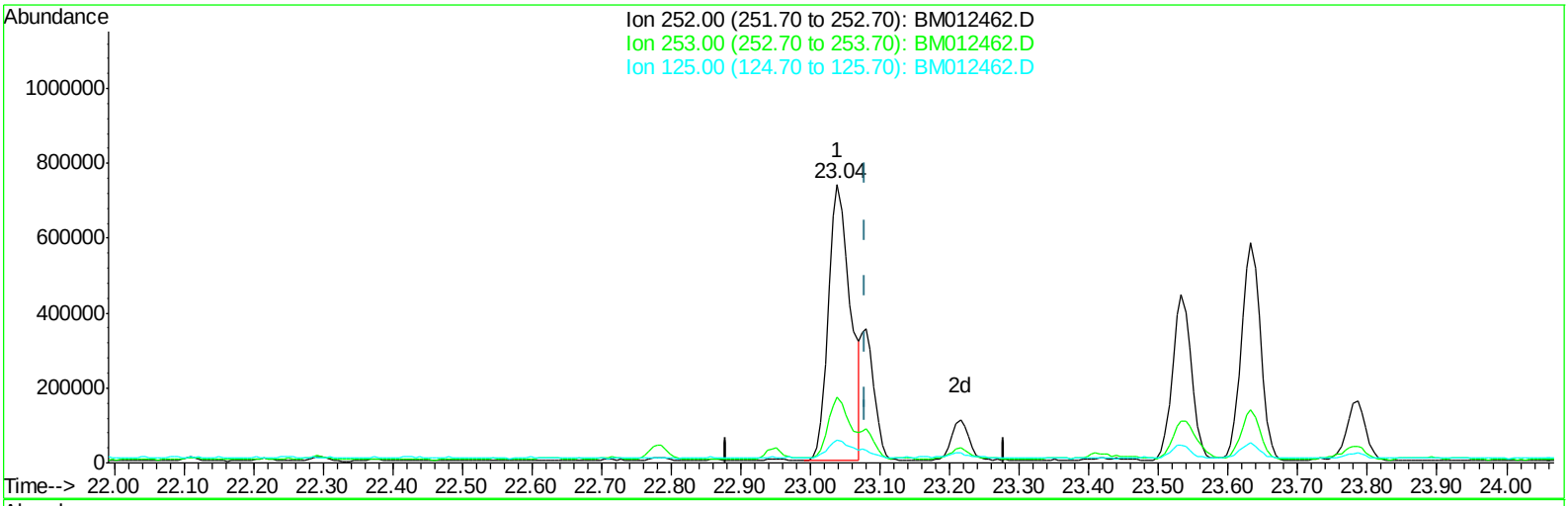
Quantitation Report (Qedit)

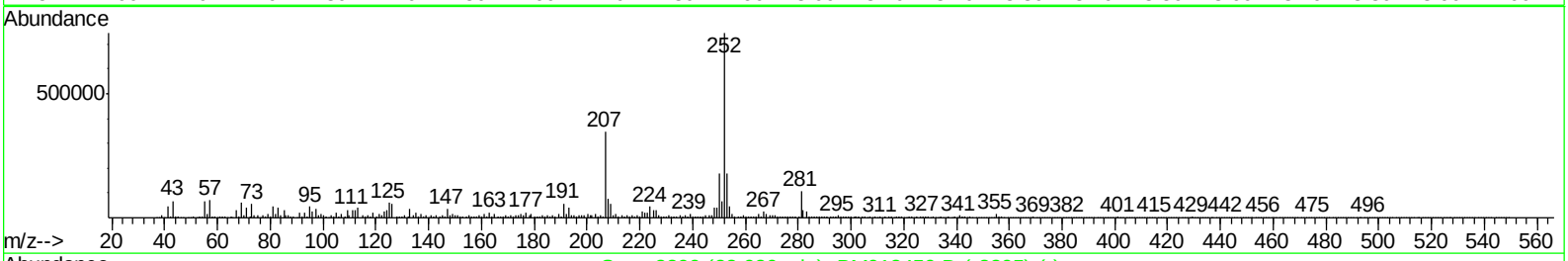
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

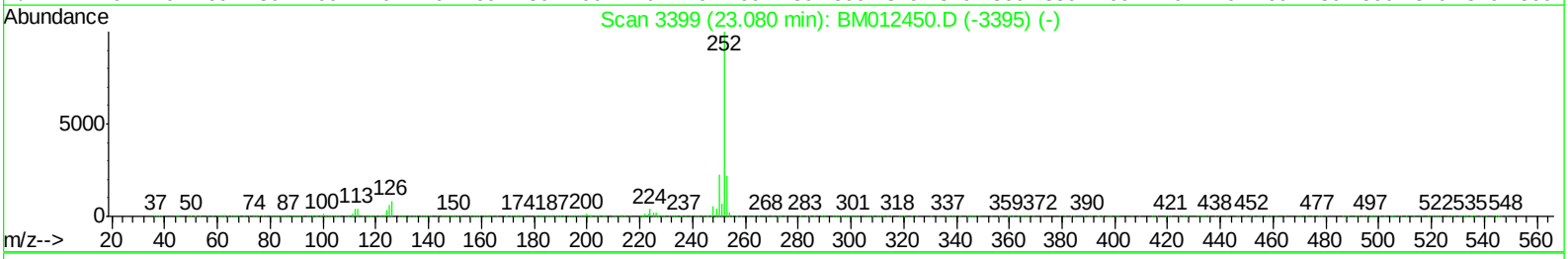
Quant Time: Oct 26 06:14:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM







TIC: BM012462.D

(86) Benzo(k)fluoranthene

23.039min (-0.041) 9.83ng/ul

response 1601433

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.78
125.00	4.30	8.01#
0.00	0.00	0.00

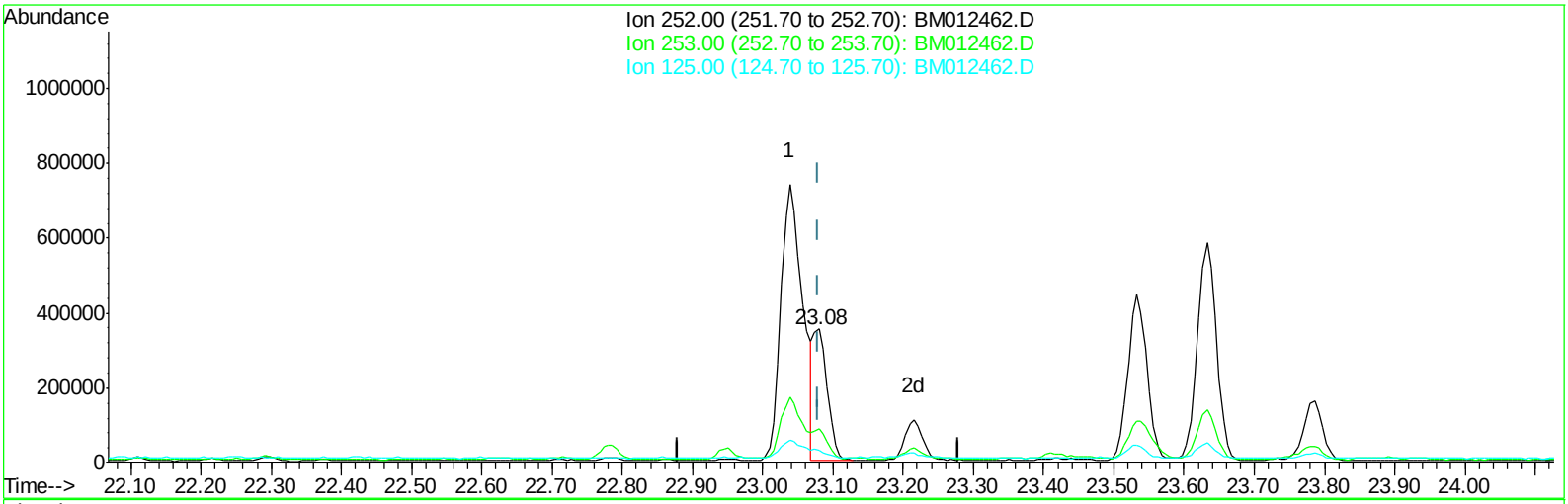
Quantitation Report (Qedit)

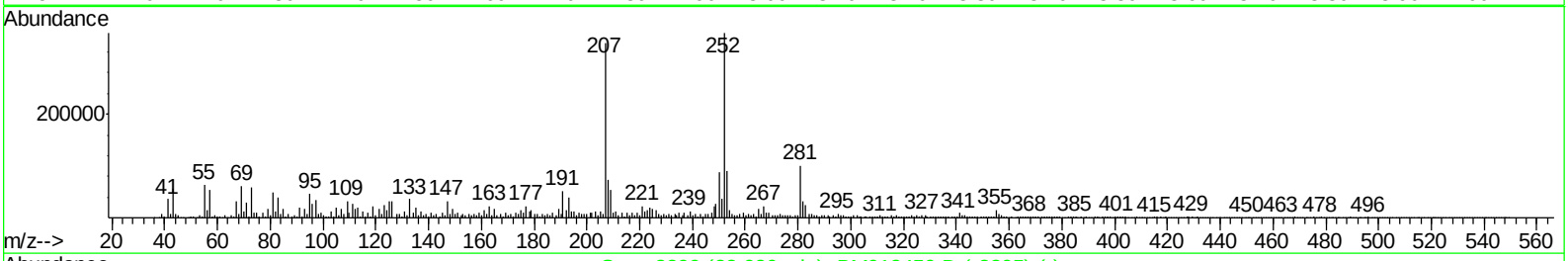
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

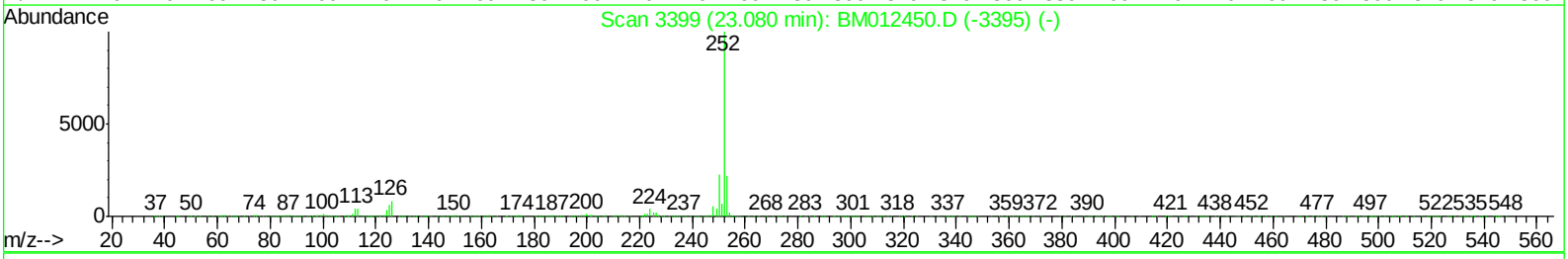
Quant Time: Oct 26 06:14:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM







TIC: BM012462.D

(86) Benzo(k)fluoranthene

23.080min (+0.000) 2.94ng/ul m

response 478785

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.66
125.00	4.30	9.33#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM

Quant Time: Oct 26 09:20:07 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	603356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2487602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1536530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3299173	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2567972	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2801199	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	32592	2.76	ng/uL	0.00
5) Phenol-d5	7.05	99	665817	13.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	418374	13.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	531246	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	557273	12.94	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	265671	17.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	281648	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	593405	13.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	570930	12.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1983764	14.78	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2397785	15.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	64263	3.22	ng/ul	0.00
57) Fluorene-d10	15.50	176	1657527	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21166	1.33	ng/ul	0.00
70) Anthracene-d10	17.35	188	2405547	15.30	ng/ul	0.00
76) Pyrene-d10	19.64	212	2206397	18.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2034620	15.29	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.08	94	155099	2.96	ng/ul#	89
69) Phenanthrene	17.29	178	1074549	6.02	ng/ul	99
73) Di-n-butylphthalate	18.22	149	5759372	29.57	ng/ul	98
74) Fluoranthene	19.30	202	2263399	11.20	ng/ul#	94
77) Pyrene	19.67	202	2088395	14.30	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	943836	6.14	ng/ul	97
82) Chrysene	21.46	228	1052345	7.70	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	1601433	9.25	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	478785m	2.94	ng/ul	
88) Benzo(a)pyrene	23.63	252	1109877	6.72	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.08	276	923263	4.75	ng/ul	97
90) Dibenzo(a,h)anthracene	26.09	278	232286	1.41	ng/ul#	83
91) Benzo(g,h,i)perylene	26.80	276	777295	4.94	ng/ul#	93

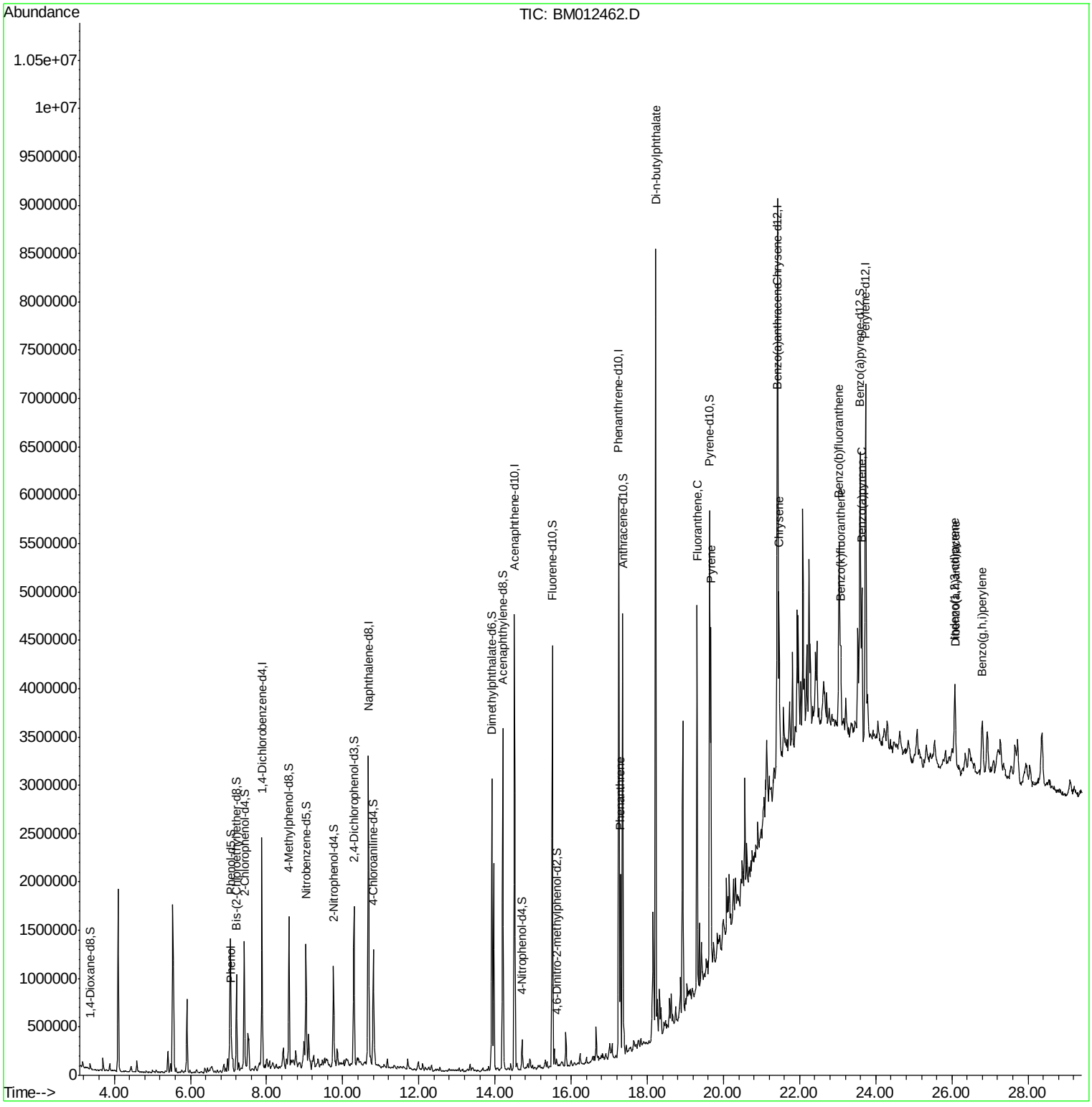
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 26 09:20:07 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

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 26 09:20:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
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Instrument :
BNA_M
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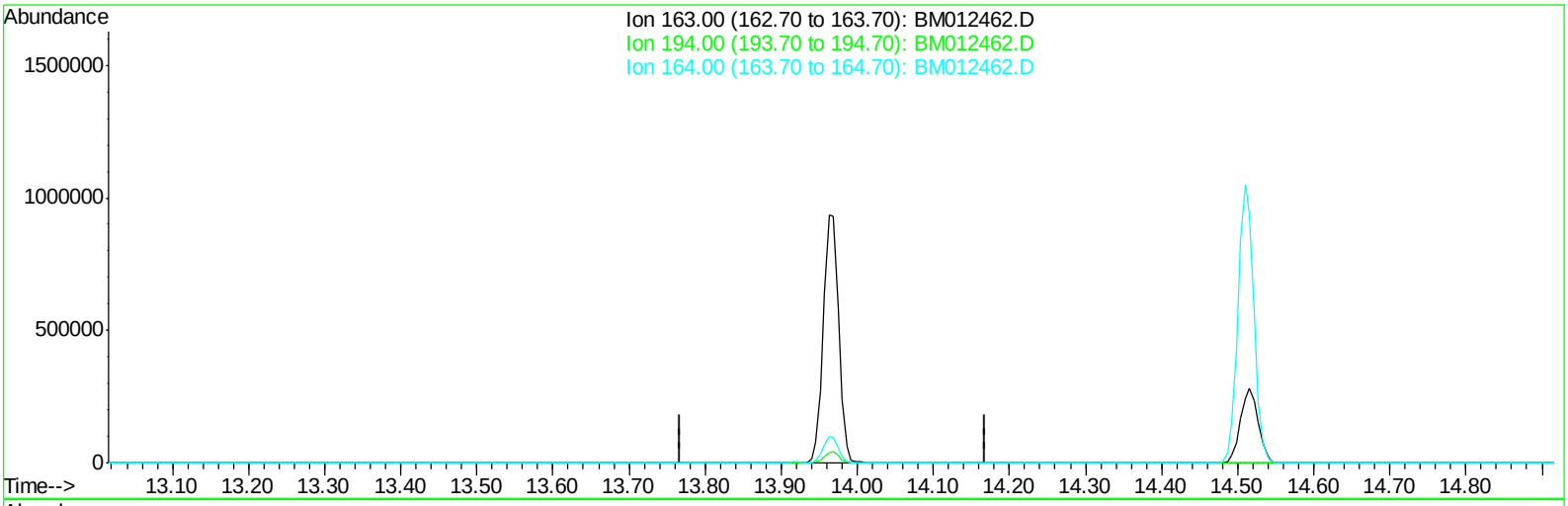
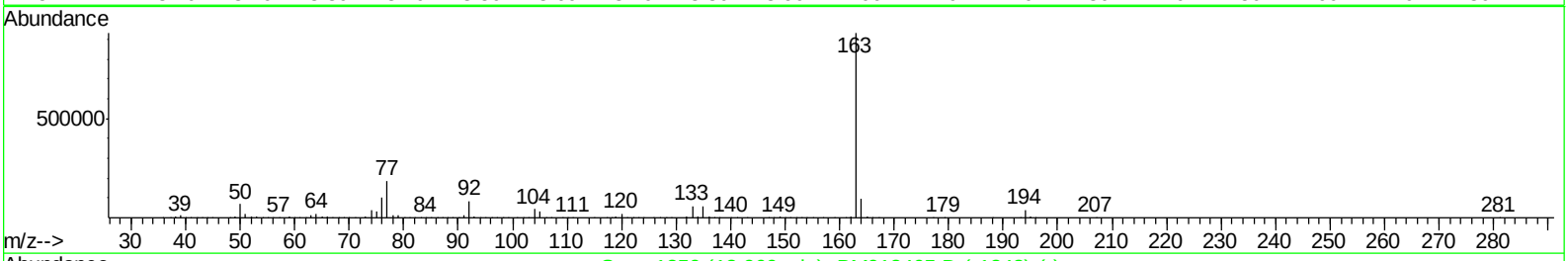
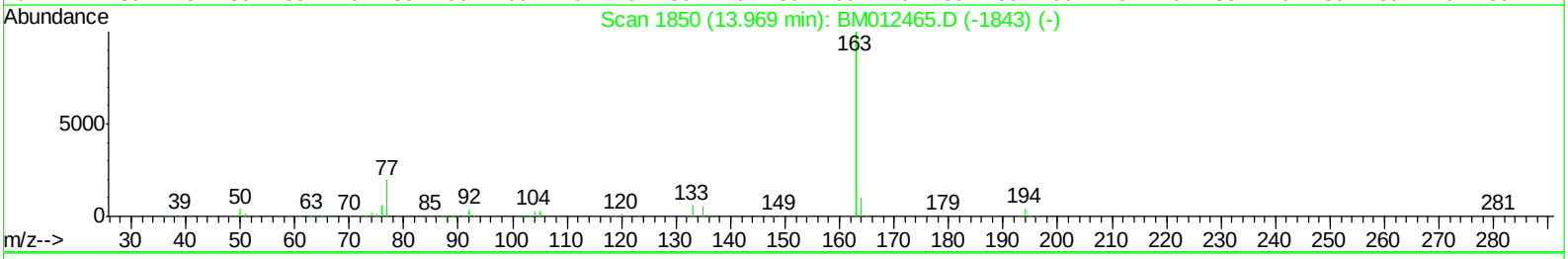
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM







TIC: BM012462.D

(44) Dimethylphthalate

13.968min (-13.968) 0.00ng/ul d

response 0

Ion	Exp%	Act%
163.00	100	0.00
194.00	4.40	0.00
164.00	10.30	0.00
0.00	0.00	0.00

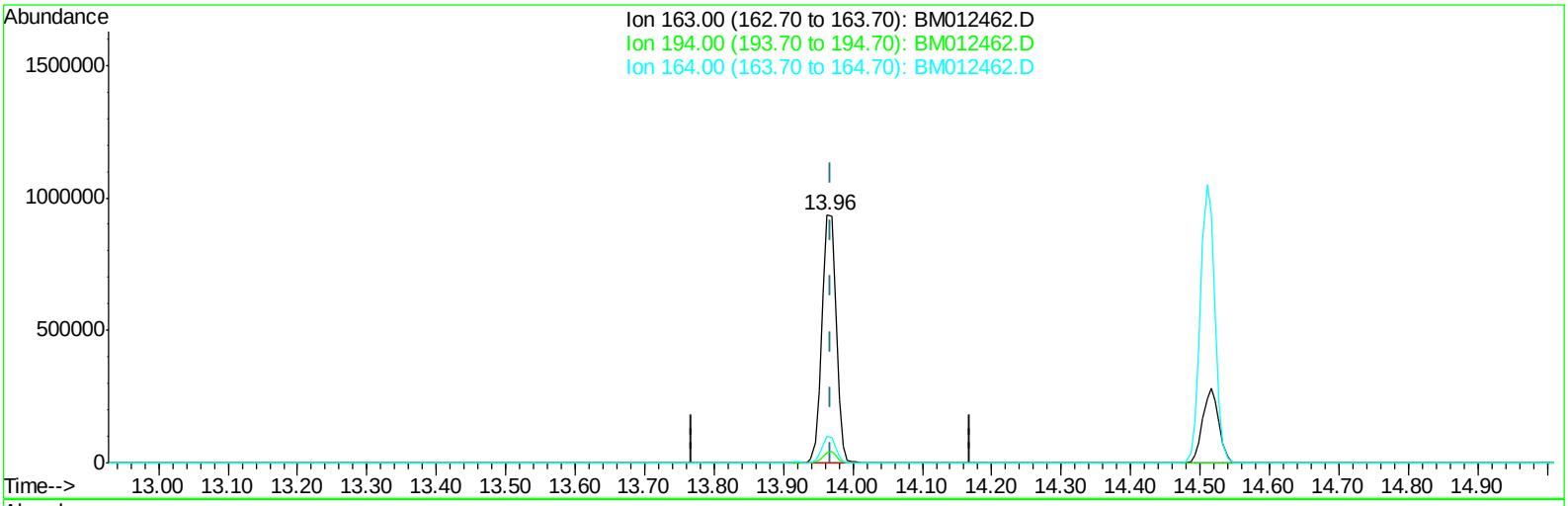
Quantitation Report (Qedit)

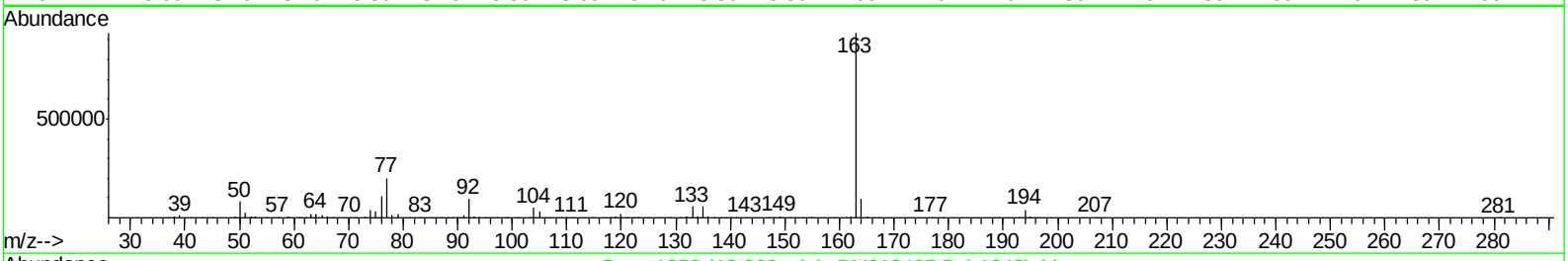
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

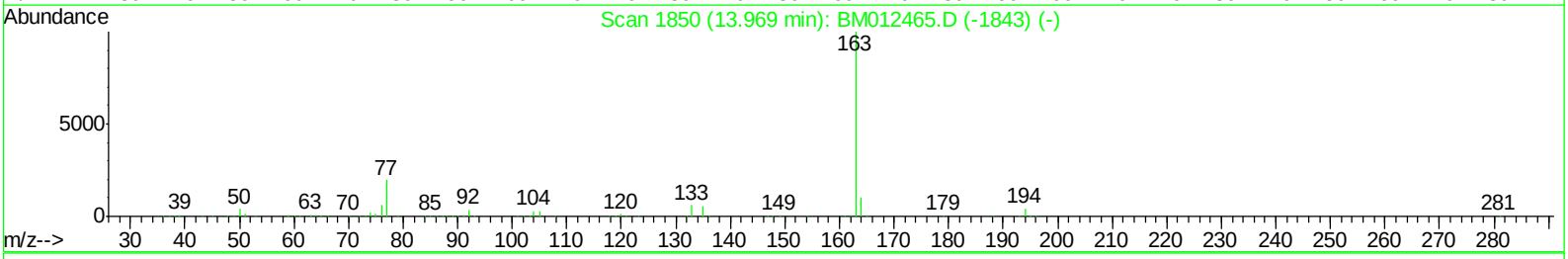
Quant Time: Oct 26 09:20:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM







TIC: BM012462.D

(44) Dimethylphthalate

13.963min (-0.006) 10.04ng/ul m

response 1332767

Ion	Exp%	Act%
163.00	100	100
194.00	4.40	4.24
164.00	10.30	10.58
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM

Quant Time: Oct 26 13:32:41 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	603356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2487602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1536530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3299173	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2567972	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2801199	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	32592	2.76	ng/uL	0.00
5) Phenol-d5	7.05	99	665817	13.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	418374	13.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	531246	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	557273	12.94	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	265671	17.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	281648	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	593405	13.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	570930	12.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1983764	14.78	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2397785	15.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	64263	3.22	ng/ul	0.00
57) Fluorene-d10	15.50	176	1657527	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21166	1.33	ng/ul	0.00
70) Anthracene-d10	17.35	188	2405547	15.30	ng/ul	0.00
76) Pyrene-d10	19.64	212	2206397	18.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2034620	15.29	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.08	94	155099	2.955	ng/ul#	89
44) Dimethylphthalate	13.96	163	1332767m	10.038	ng/ul	
69) Phenanthrene	17.29	178	1074549	6.023	ng/ul	99
73) Di-n-butylphthalate	18.22	149	5759372	29.567	ng/ul	98
74) Fluoranthene	19.30	202	2263399	11.196	ng/ul#	94
77) Pyrene	19.67	202	2088395	14.301	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	943836	6.138	ng/ul	97
82) Chrysene	21.46	228	1052345	7.697	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	1601433	9.248	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	478785m	2.938	ng/ul	
88) Benzo(a)pyrene	23.63	252	1109877	6.722	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.08	276	923263	4.752	ng/ul	97
90) Dibenzo(a,h)anthracene	26.09	278	232286	1.410	ng/ul#	83
91) Benzo(g,h,i)perylene	26.80	276	777295	4.936	ng/ul#	93

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
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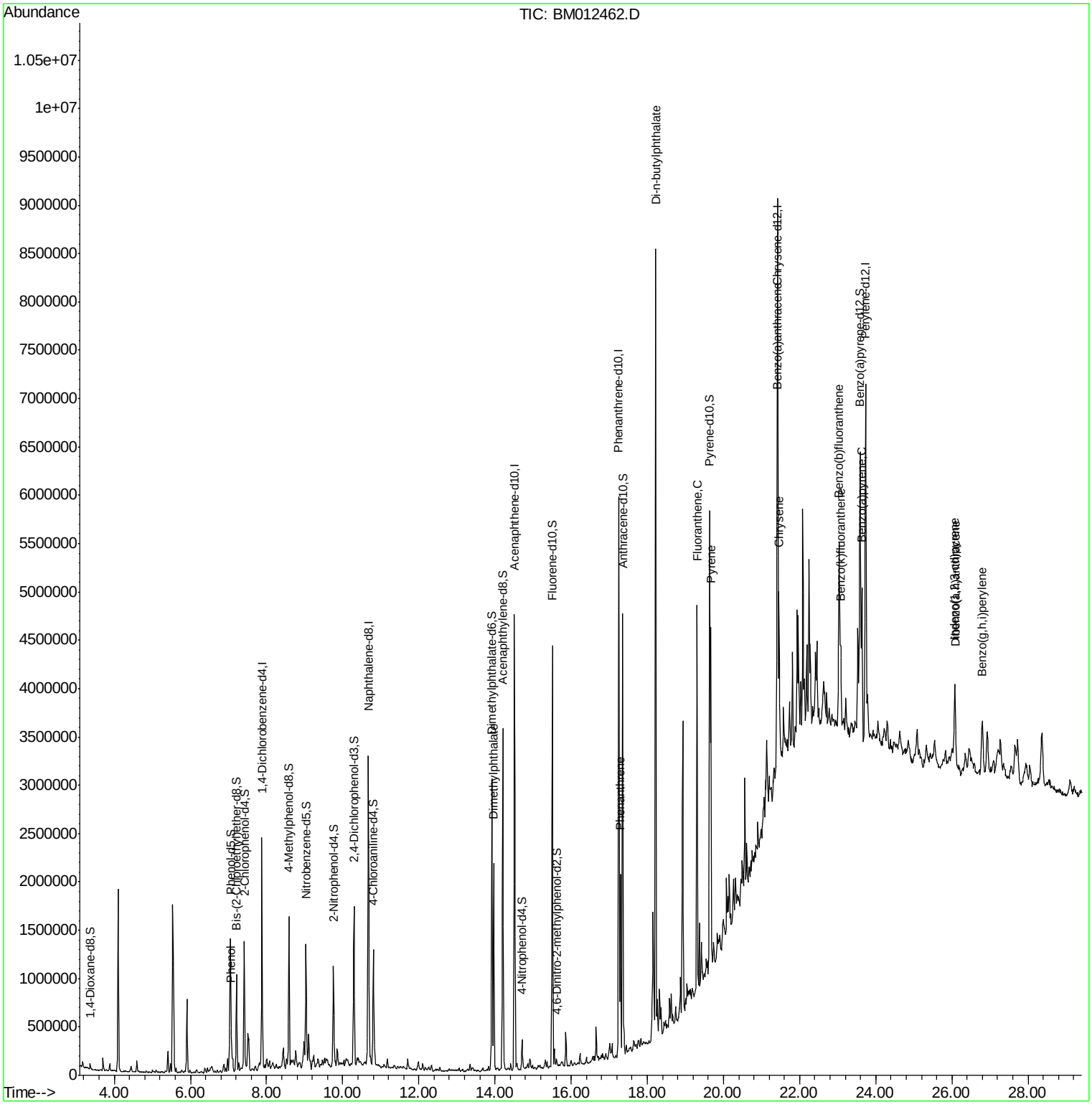
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 26 13:32:41 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

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM



Quantitation Report (QT/LSC Reviewed)

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Manual Integrations APPROVED
Sohil
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35) Acenaphthene-d10	14.51	164	1536530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3299173	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2567972	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2801199	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	32592	2.76	ng/uL	0.00
5) Phenol-d5	7.05	99	665817	13.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	418374	13.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	531246	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	557273	12.94	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	265671	17.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	281648	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	593405	13.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	570930	12.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1983764	14.78	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2397785	15.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	64263	3.22	ng/ul	0.00
57) Fluorene-d10	15.50	176	1657527	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21166	1.33	ng/ul	0.00
70) Anthracene-d10	17.35	188	2405547	15.30	ng/ul	0.00
76) Pyrene-d10	19.64	212	2206397	18.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2034620	15.29	ng/ul	0.00
Target Compounds						Qvalue
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69) Phenanthrene	17.29	178	1074549	6.023	ng/ul	99
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85) Benzo(b)fluoranthene	23.04	252	1601433	9.248	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	478785m	2.938	ng/ul	
88) Benzo(a)pyrene	23.63	252	1109877	6.722	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.08	276	923263	4.752	ng/ul	97
90) Dibenzo(a,h)anthracene	26.09	278	232286	1.410	ng/ul#	83
91) Benzo(g,h,i)perylene	26.80	276	777295	4.936	ng/ul#	93

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012462.D
Acq On : 26 Oct 2017 02:01
Operator : SJ/JU
Sample : I5786-14 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 26 13:32:41 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

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5)_101017

Manual Integrations APPROVED
Sohil
10/27/2017 8:54:28 AM