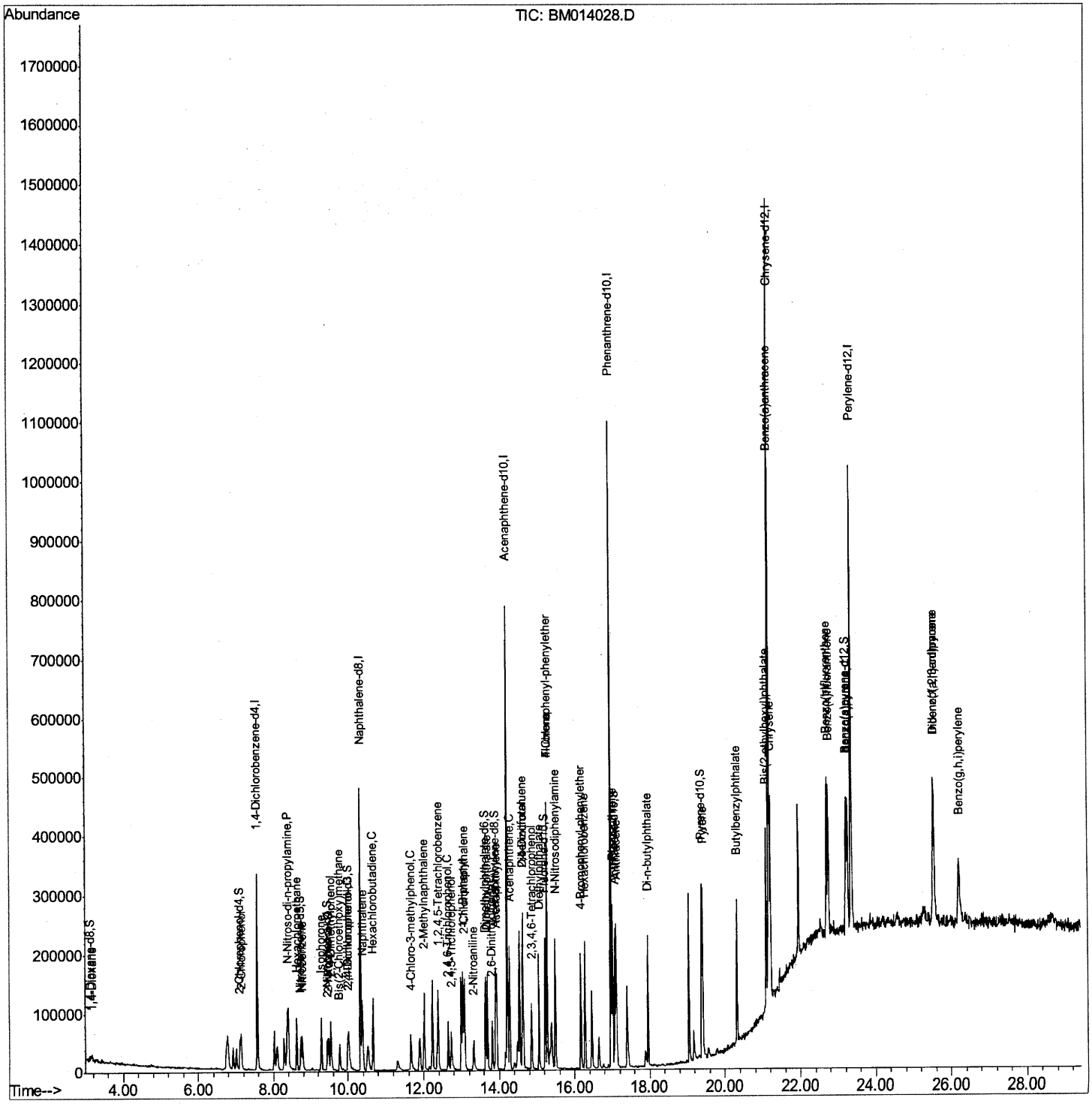
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014028.D
Acq On : 31 Jan 2018 11:30
Operator : SJ/JU
Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 15:48:59 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD00513

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:06 PM



Quantitation Report (Qedit)

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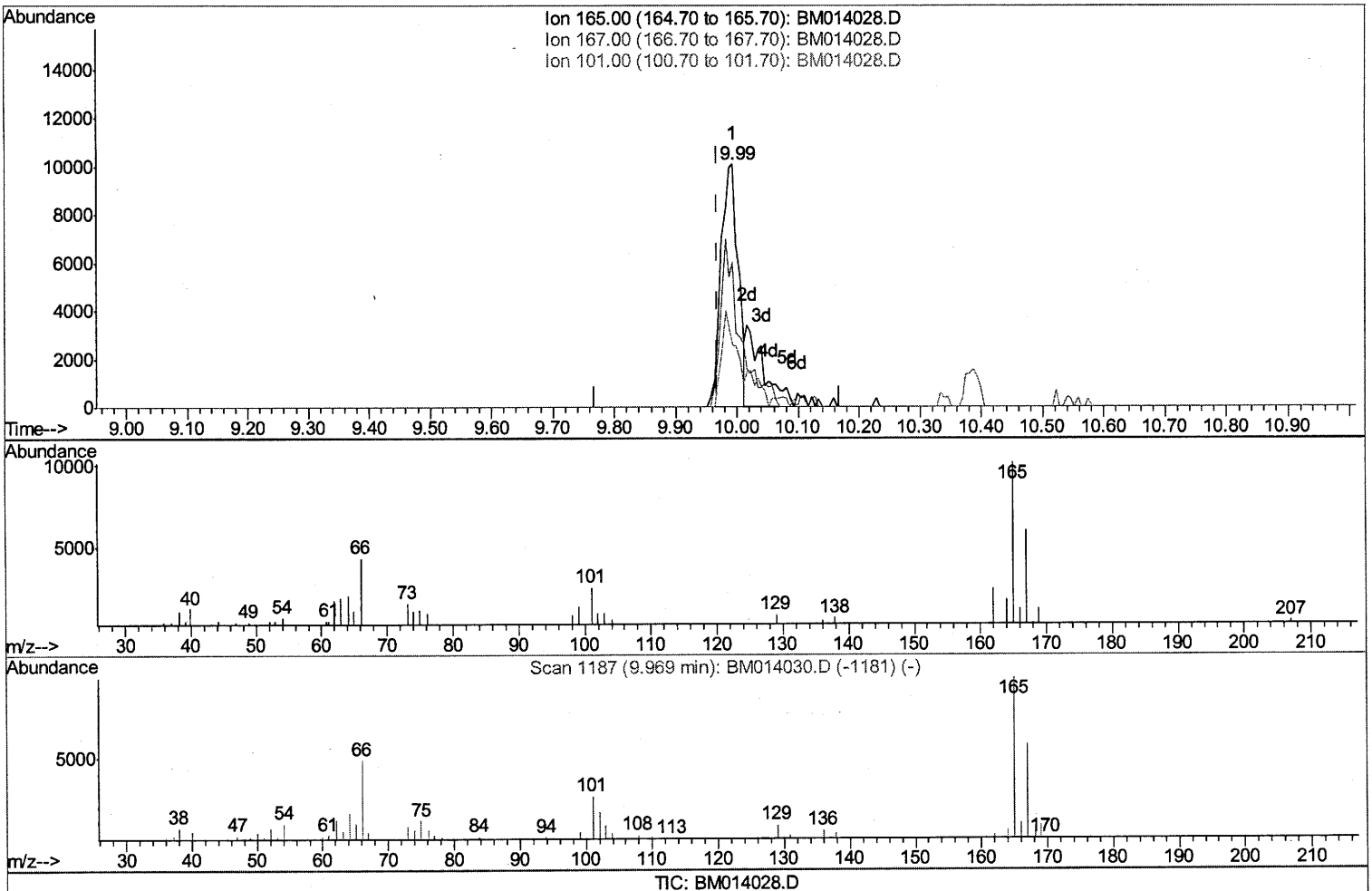

TIC: BM014028.D

(26) 2,4-Dichlorophenol-d3 (S)

9.992min (+0.024) 3.62ng/ul

response 19489

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	59.63
101.00	29.30	25.30
0.00	0.00	0.00

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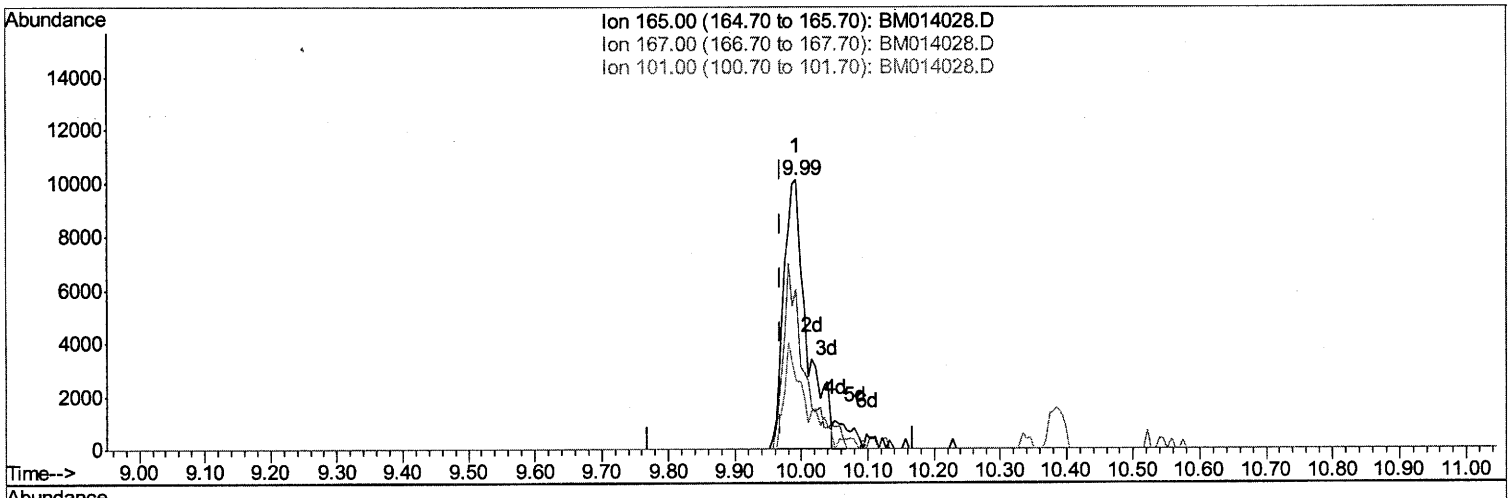
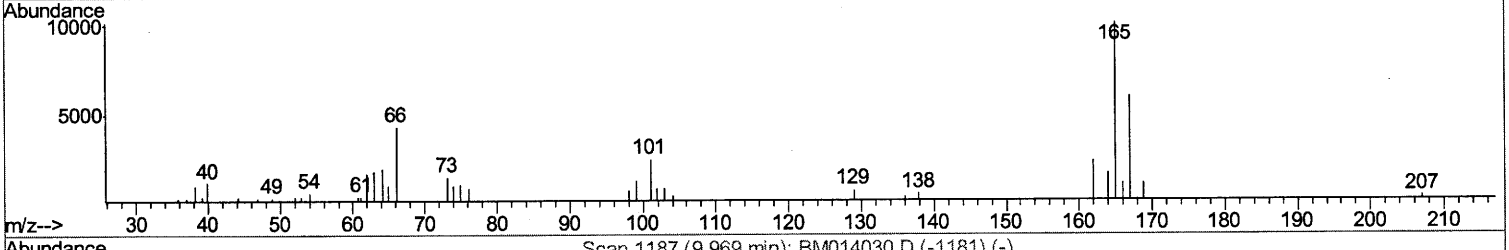
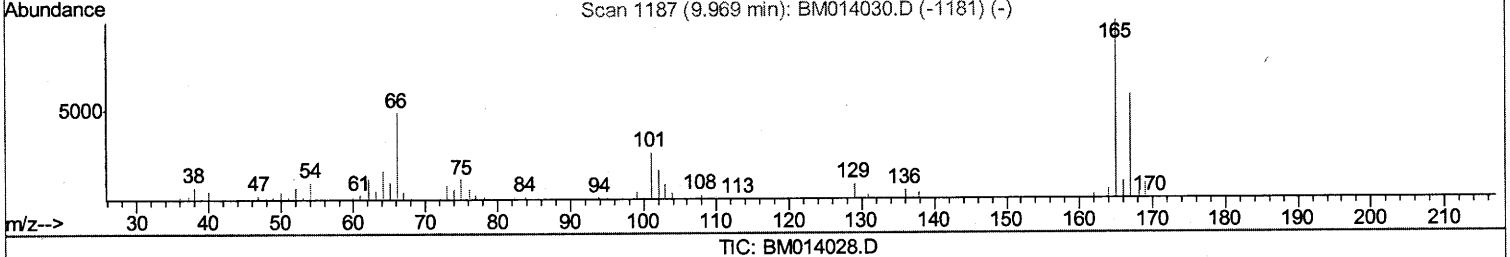
Instrument :
BNA_M
ClientSampleId :
SSTD00513

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:06 PM







TIC: BM014028.D

(26) 2,4-Dichlorophenol-d3 (S)

9.992min (+0.024) 4.55ng/ul m > SJ 2/8/18

response 24503

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	59.63
101.00	29.30	25.30
0.00	0.00	0.00

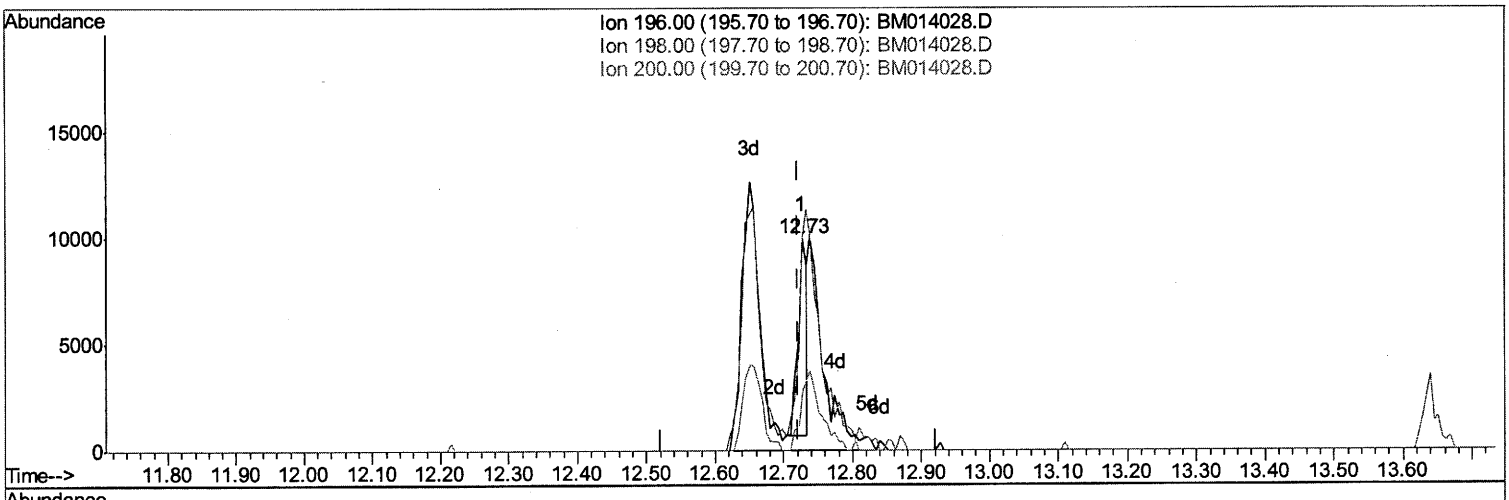
Quantitation Report (Qedit)

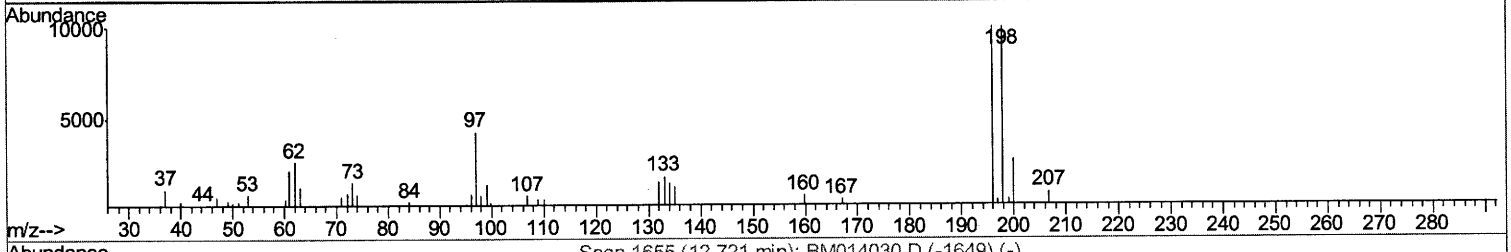
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013118\
Data File : BM014028.D
Acq On : 31 Jan 2018 11:30
Operator : SJ/JU
Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

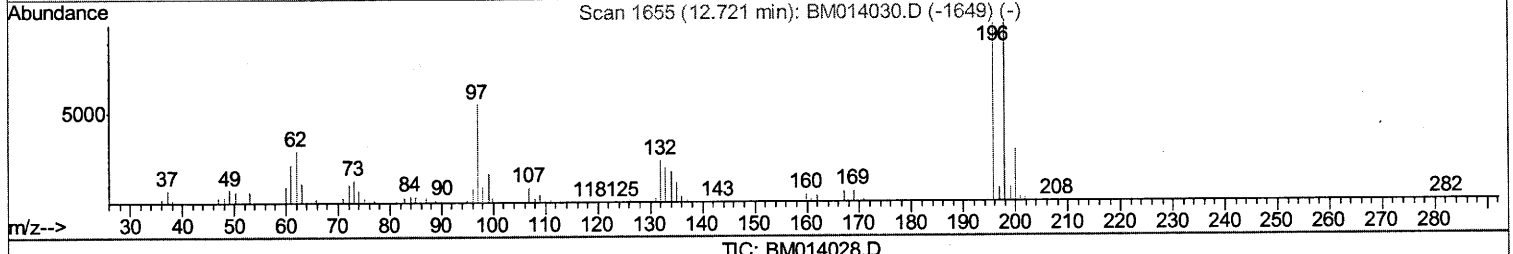
Quant Time: Jan 31 13:59:30 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD00513

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:06 PM







TIC: BM014028.D

(39) 2,4,5-Trichlorophenol

12.727min (+0.006) 1.61ng/ul

response 8665

Ion	Exp%	Act%
196.00	100	100
198.00	94.50	100.18
200.00	31.90	28.07
0.00	0.00	0.00

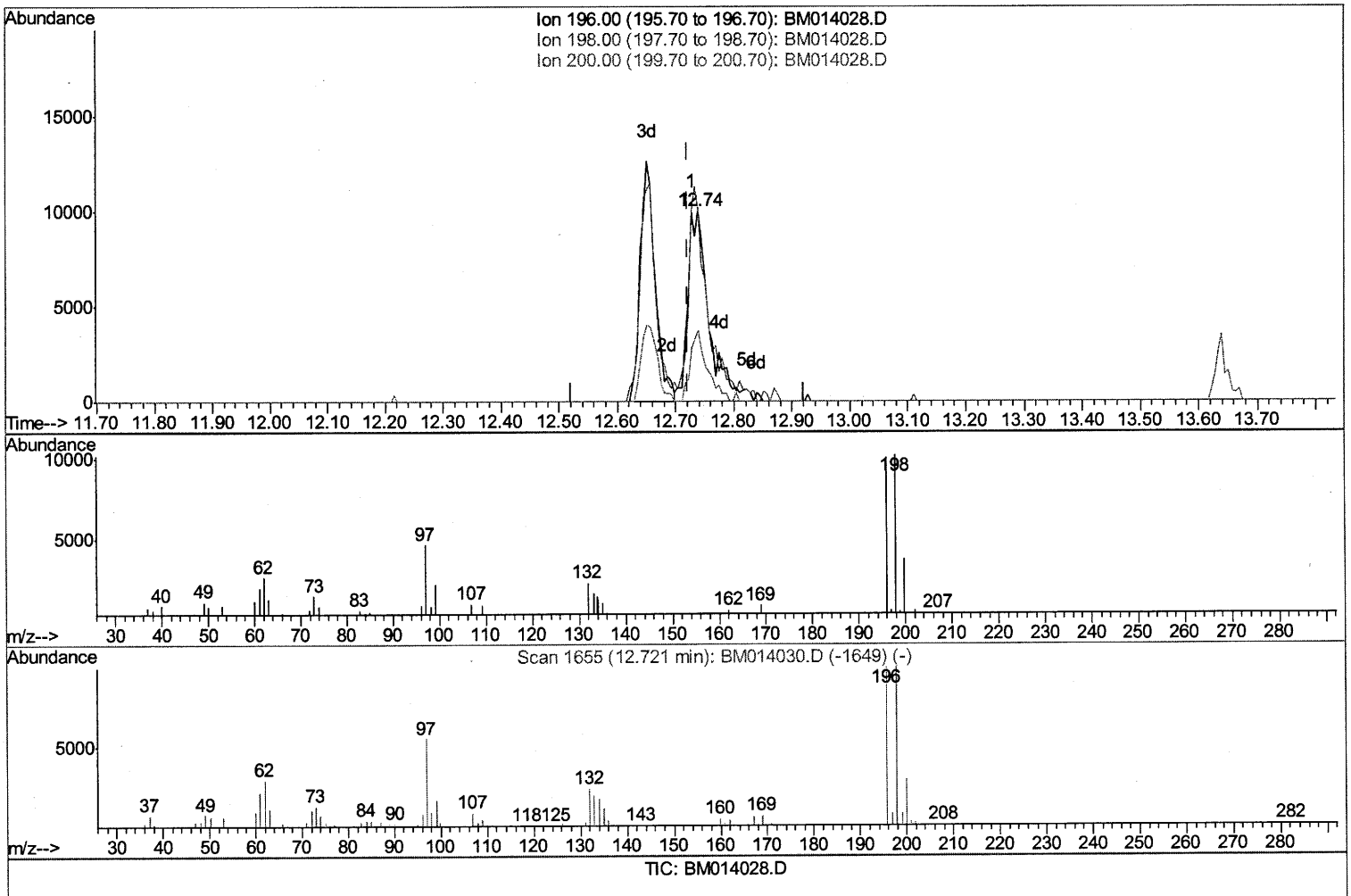
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014028.D
Acq On : 31 Jan 2018 11:30
Operator : SJ/JU
Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 14:06:14 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD00513

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:06 PM



TIC: BM014028.D

(39) 2,4,5-Trichlorophenol

12.739min (+0.018) 4.75ng/ul m SJ 2/8/18

response 25522

Ion	Exp%	Act%
196.00	100	100
198.00	94.50	101.22
200.00	31.90	37.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument : BNA_M
ClientSampleId : SSTD00513

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	80526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	340010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	240758	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	589177	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	621661	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	613829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	3563	1.75	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.10	132	21566	4.28	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.72	128	12089	4.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	12233	4.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	24503m>	4.55	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	99743	5.03	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	115382	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.22	176	92804	5.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.07	188	137264	4.78	ng/ul	0.00
76) Pyrene-d10	19.38	212	155537	5.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	142105	5.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	4202	1.883	ng/uL#	63
10) 2-Chlorophenol	7.13	128	21918	4.366	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.37	70	21199	5.525	ng/ul#	62
17) Hexachloroethane	8.62	117	12060	4.935	ng/ul	89
20) Nitrobenzene	8.77	77	34887	5.119	ng/ul	96
21) Isophorone	9.29	82	54393	4.939	ng/ul#	96
23) 2-Nitrophenol	9.47	139	12377	4.260	ng/ul#	84
24) 2,4-Dimethylphenol	9.54	107	29600	4.832	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.77	93	29269	4.360	ng/ul#	88
27) 2,4-Dichlorophenol	10.01	162	22694	4.372	ng/ul#	77
28) Naphthalene	10.39	128	84220	4.979	ng/ul	95
31) Hexachlorobutadiene	10.66	225	24609	5.776	ng/ul	95
33) 4-Chloro-3-methylphenol	11.66	107	25333	4.815	ng/ul#	88
34) 2-Methylnaphthalene	12.02	142	62849	4.983	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	43246	4.848	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.65	196	21881	4.237	ng/ul	97
39) 2,4,5-Trichlorophenol	12.74	196	25522m>	4.750	ng/ul	
40) 1,1'-Biphenyl	13.04	154	90134	4.498	ng/ul	98
41) 2-Chloronaphthalene	13.09	162	70349	4.491	ng/ul	97
42) 2-Nitroaniline	13.32	65	18841	4.360	ng/ul	91
44) Dimethylphthalate	13.69	163	92023	4.717	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	16410	4.340	ng/ul#	94
47) Acenaphthylene	13.93	152	106988	4.621	ng/ul	99

SJ 2/1/18

SJ 2/1/18

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Manual Integrations APPROVED
Sohil
2/1/2018 6:04:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.28	153	76597	4.777	ng/ul	98
53) Dibenzofuran	14.63	168	118229	4.901	ng/ul	92
54) 2,4-Dinitrotoluene	14.62	165	24129	4.378	ng/ul#	33
55) 2,3,4,6-Tetrachlorophenol	14.86	232	22799	4.511	ng/ul#	98
56) Diethylphthalate	15.06	149	98814	5.033	ng/ul#	89
58) Fluorene	15.27	166	97327	4.926	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	55856	5.232	ng/ul#	90
64) N-Nitrosodiphenylamine	15.49	169	83308	4.808	ng/ul	96
65) 4-Bromophenyl-phenylether	16.17	248	37007	5.318	ng/ul	92
66) Hexachlorobenzene	16.28	284	38978	5.204	ng/ul#	83
69) Phenanthrene	17.02	178	162270	4.955	ng/ul	97
71) Anthracene	17.11	178	159725	4.728	ng/ul	96
73) Di-n-butylphthalate	17.95	149	149237	4.551	ng/ul	97
77) Pyrene	19.41	202	192297	5.088	ng/ul	97
78) Butylbenzylphthalate	20.32	149	64204	4.823	ng/ul	96
80) Benzo(a)anthracene	21.16	228	192414	5.122	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.10	149	87748	4.393	ng/ul	98
82) Chrysene	21.22	228	184914	5.366	ng/ul	100
85) Benzo(b)fluoranthene	22.72	252	174287	4.623	ng/ul	97
86) Benzo(k)fluoranthene	22.76	252	188254	5.167	ng/ul	95
88) Benzo(a)pyrene	23.27	252	167535	4.705	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	192125	4.570	ng/ul	96
90) Dibenzo(a,h)anthracene	25.56	278	161744	4.556	ng/ul#	98
91) Benzo(g,h,i)perylene	26.22	276	156318	4.518	ng/ul#	91

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